

MANATEE COUNTY FLORIDA

email

January 8, 2010

TO: All Interested Bidders

SUBJECT: Invitation for Bid #10-0018DC
Roof Replacement 2 MSO Central Jail

ADDENDUM #1

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

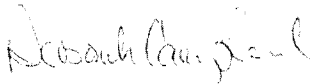
1. A second opportunity is offered for review of the project site on Monday, January 11, 2010 at 8:00 A.M. Interested bidders are to meet in the Jail Lobby for direction. This visit is not a requirement for bidding.
2. Bid Opening is extended to **January 28, 2010, Thursday, at 3:00 P.M.**
3. Receipt of clarifications and material substitution requests is extended to January 14, 2010, Thursday, at 12:00 P.M.
4. The Mandatory Information Conference sign-in sheet is attached for your information.
5. Sally Port and entryway roofs (indicated on attached aerial) are not included in this project.
6. Bid Form (Section 00300): Thermoplastic Roofing bid item 5 for insulation estimated quantity is changed to read 10,000 square feet (in lieu of LF).

Financial Management Department - Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3074 * FAX: 941.749.3034
www.mymanatee.org

7. The following manufacturers and/or material specifications have been reviewed and accepted by Karins Engineering and Manatee County as an equivalent substitution for this project.
 - a. Sheet metal roof: Drexel Metals Corporation DMC 200S-24g
 - b. Metal roof and gutter finishes: Trinar
8. Metal Roof Specification Section 07460: (revised pages 2, 3, and 4 are attached)
 - a. Article 1.06 Warranty, item B. is added:
 - b. Article 2.02 Materials, items A.2 and B.3 have been added.
 - c. Article 2.03 Finish, has been added.
9. Metal Roof Specification Section 07610: (revised page 8)
 - a. Article 2.04, items D. and E.
10. Manatee County is currently reviewing substitution request for Flex thermoplastic roofing system and will respond in Addendum 2 of their decision.

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **January 28, 2010 at 3:00 P.M.**

Sincerely,



Deborah Carey-Reed
Construction Buyer

/dcr
Attachments

MANDATORY INFORMATION CONFERENCE: INVITATION FOR BID

IFB #10-0018DC ROOF REPLACEMENT @ MSO CENTRAL JAIL

DATE: JANUARY 7, 2010 TIME: 10:00 AM @ SITE

TELEPHONE/ FAX/ EMAIL	NAME (PLEASE PRINT)	COMPANY NAME/ADDRESS
P-941.749.3074 F-941.749.3034 deborah.carey-reed@mymanatee.org	DEBORAH CAREY-REED	MC PURCHASING 1112 Manatee Ave W, Ste 803 Bradenton FL 34205
440-951-1718 Phone 440-352-7048 FAX TMC Commercial Siding Co	TIM LAIZE	8059 CRILE RD FAIRBURNVILLE OHIO 44077
352-242-1064 352-242-1081 MARBEK CONSTRUCTION	BUD AMES	MARBEK CONSTRUCTION 614 E. HWY 50 STE 324 CLERMONT, FL 34711
P 352 536 5207 F 352 241 8111 UNIQLO @ AOL.COM	DJ VAN ROOYEN	UNIQLO 14350 EASTSIDE DR GROVELAND FL 34736
407 660 8552 F: 660 8012 one@onesourceroofing.net	Warren Pickson	One Source Roofing 894 W Kennedy Blvd Orlando, FL 32810
(727) 849-8376 (727) 849-8378 Gulfstateroof@aol.com	Chris Tsambis	Gulfstates Industries Inc 7222 Washington St New Port Richey FL 34652
(941) 927-8525 (941) 927-8075 tb@keg-engineering.com	Thomas BUFFINGTON	KARINS Engineering Group, Inc. 2017 FIRST St Sarasota FL 34231
742 5843	JOHN ROWLAND	MC PROP MNGR
	Capt Robert Williams	MSD JAIL

IFB #10-0018DC Roof Replacement @ MSO Central Jail

DATE: January 7, 2010

TIME: 10:00 A.M. @ Site

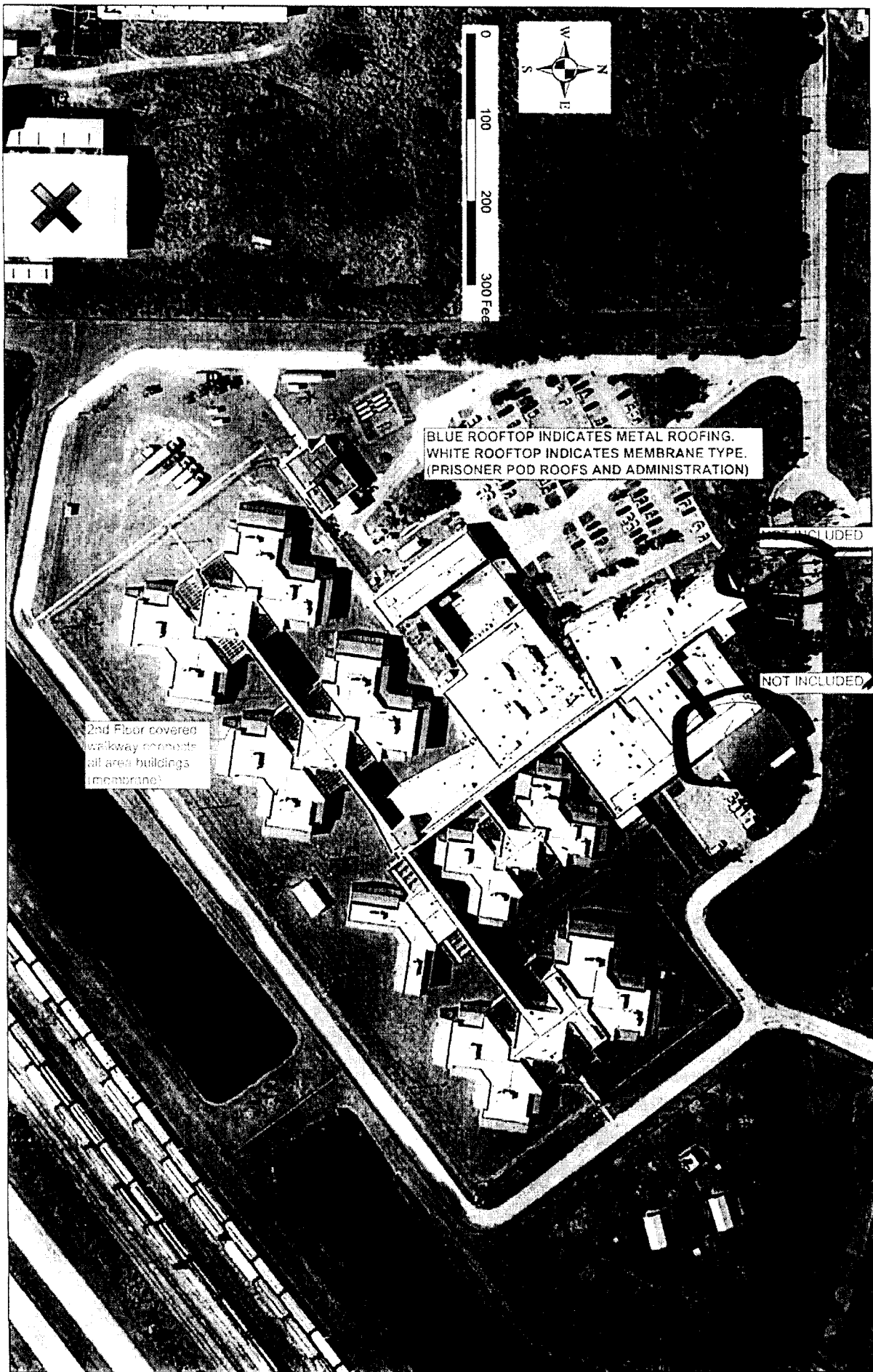
TELEPHONE/ FAX/ EMAIL	NAME (PLEASE PRINT)	COMPANY NAME
954 419-9339 954 419-9337 SWEISS@WEISSWOOLRICH.COM	CHARLES K. ANDREWS	WEISS + WOOLRICH
941-343-9600 p 941-371-8969 f Kevin@crowther.net	Kevin Callans	Crowther Roofing
(575) 875-2727 (Phone) (575) 875-1335 (Fax) johns@alliedroofing.com	John Santoro	Allied Roofing, Inc.
(813) 251-5252 (813) 251-8646 robert@southroof.com	Robert Jones	Southern Roofing
813-663-4600 23.007.0005 333.111.1111	Aron ...	RAMCON, LLC
407-855-7183 - O 407-855-0632 - F ROYAL@ASMPFL.COM	ROYAL W. CASEY	ARCHITECTURAL SHEET METAL
(704) 491-4976 (366) 405-4920 FAX JDR@NTECSYSTEMS.COM	JD ROBERTSON	NTEC SYSTEMS
727 526 0862 - OFFICE 727 899-5102 FAX WEANNINGER@TAMPABAY.FL.COM	MIKE RENNINGER	SEALOFLEX
KARL KERSHAW / WEST COAST 239 253 6326 / 239 433 9777 WWW.WESTCOASTFLENTERPRISE	KARL KERSHAW	
407-348-3777 407-462-0777 LMAY@atozcoatings.com	Lewis May	A to Z Coatings
813.855.5354 Fax: 813.854.3169 KIRK@CADAMAN.COM	Kirk Ochs	FIRESTONE
941-350-7033 SKAISER@SEAMANCORP.COM Fax 941-923-8037	Steven Kaiser	Seaman Corporation FiberTite
622-7750 937-2737	Chet Graves	Nu-tec Roofing (over) 295

TELEPHONE/ FAX/ EMAIL	NAME (PLEASE PRINT)	COMPANY NAME
407-650-4541 407-650-4542 Gevevitt@Pa-roofing.com	Geoff Everitt	P: A Roofing & SHEET METAL
407-654-4426 Fax 407-654-4307	David Bogyre	TALCO CONST, 530 Susan B. Britt Dr, Suite 280 Winter Garden, FL. 34787
239-322-1080 239-322-1082 rcain@murder.com	Rob Cain	Tecta America
239-322-1080 352-322-1081 BSwain@murder.com	Rob Swain	Tecta America
813-240-2736 PH 813-888-8952 Fx quoteman@Verizon.net	Wayne DeGurski	White Lightning LLC
813-988-1669 x 233 813-988-1855 FAX JASON B @ MCFENANY.COM	JASON BROWNING	MCFENANY ROOFING + CONTRACTING
941-915-5398 CELL 941-778-5547 OFFICE 941-748-5214 FAX	TIM STRAW	MANSON ROOFING
941-377-1000 PH 941-377-4449 FAX 941-804-3976 CELL JOHN & SUTTER ROOFING.COM John & Sutter Roofing, Inc.	JOHN SHEILS	SUTTER ROOFING
941-377-3567 941-378-5676 941-232-4176	JAY COLENTZ	MULLIS ALUMINUM
941-377-3472 941-398-5676 941-377-4176 352-2662	Bobby Mullis FREEMAN	MULLIS ALUMINUM
941-377-3522 941-398-5676 941-352-2676 + 32-4406	TRAVIS MULLIS	MULLIS ALUMINUM
PH 813-236-7500 FAX 813-236-7510 TONYV@THLROOFING.COM	Tony Veckery	THL ENTERPRISES INC
352-237-1225 352-237-4358 Fx Schad,m@gmail.com	Mark Schad	RaeCo

ON REVERSE

TELEPHONE/ FAX/ EMAIL	NAME (PLEASE PRINT)	COMPANY NAME
P: (727) 524-8888 F: (727) 524-8686 email: jack@asroofing1.com	Jack Schneider	Anderson & Shah Roofing
P (941) 744-2444 F (941) 744-2445 email: davekessler@unicoatroof.com	David Kessler	Unicoat Industrial Roofing Co.
941 706 5257 CISCO0229@GMAIL.COM	FRANCISCO C. AULENTOS	West Coast Roofing.
Fax (407) 649-3360 Phone (407) 649-1333 email: M.eric@nationsroof.com	Matt Armstrong	Nations Roof
C: (321) 482-2843 D: (610) 395-8446 MHutchison@Atas.com	Matt Hutchison	Atas International
(313) 621-1700 (313) 621-1561 bswatkoski@getroofing.com 352 596 1150 352 596 1104 GEORGE & BUTLER @ ROOF USA LLC	Bill Swatkoski	FED Ex 11656462-9 General Works of Tampa 6809 N Nebraska Ave 33604
941 746 5255 941 746 5252 JDennison@tampabay.rr.com B Sanchez@tampabay.rr.com	Johnny Dennison Boris D. Sanchez	T.L. Hill Construction LLC
330. 635. 1418 FAX 941. 741. 4998 STEVEKILLAN@YAHOO.COM	STEVE KILLAN	ERSYSTEMS
321-327-3463 321-327-3464 DARWOLD003@CFL.RR.COM	DAN Arnold	Kehner Brothers Construction
772-589-9005 772 589 7819 INTERCOSTAL ROOFING@CENTEST.NET	Steel Valley	Intercoastal Roofing
941-722-6653 PMSR 83 @ AOL.COM	Robert A Stevens	Port Manatee Ship Repair
941-628-6274 941-239-322-1081 G Babb @ murton.COM	Gerald C. Babb, Jr	Tecta America Southwest Div

Company Name	Name	Telephone
Metal Roofing Contractors, INC.	Jennifer Hughes	T: 727-392-3354 F: 727-392-3058 E: info@metalroofingcontractors.com
Latitude Roofing and Sheet Metal	Todd Segal	T: 813-918-1060 954-772-3446 Todd@latitude.com
UNICOAT Industrial Roofing	Bill Roemer	T: 727-224-9924 F email: ROEMER@gte.net
Quality Roofing of Florida	Thomas Bruening	386-624-3988 thomas@QRFLA.com
Tech America South Div. Murton Roofing	Bob Fischer	T: 239-322-1080 F: 239-322-1081



0
100
200
300 Feet



BLUE ROOFTOP INDICATES METAL ROOFING.
WHITE ROOFTOP INDICATES MEMBRANE TYPE.
(PRISONER POD ROOFS AND ADMINISTRATION)

NOT INCLUDED

NOT INCLUDED

2nd Floor covered
walkway connects
all area buildings
(membrane)

Attachment 1

**SECTION 07460
GUTTERS AND DOWNSPOUTS**

- C. Mock-Up: Provide a 15 LF mock-up of the seamless galvanized steel gutter system with a minimum of one galvanized steel downspout or to match the existing conditions for evaluation of installation techniques and workmanship.
1. Location of mock-up shall be designated by Manatee County.
 2. Do not proceed with remaining work until workmanship and color is approved by Manatee County.
 3. Reinstall mock-up area as required to produce acceptable work.

1.05 Delivery, Storage and Handling

- A. Store and handle galvanized steel gutter systems, downspouts, and applicable components and accessories in accordance with the manufacturer's instructions.
- B. Protect the products from damage due to the elements, construction traffic, or other hazards, from the time of arrival through the completion of the project.

1.06 Warranty

- A. Provide minimum five-year (5), non-prorated labor and materials warranty, issued by CONTRACTOR and product manufacturer. CONTRACTOR's warranty shall include both materials and labor.
- B. The Manufacturer shall provide a twenty (20) year finish warranty against peeling, blistering, chalking and color change or fading stating the architectural fluorocarbon coating will:
1. Not crack, chip, peel or exhibit any other mechanical failure of paint to adhere to the substrate.
 2. Not exhibit fading or color change in excess of five (5) hunter delta E units as determined by ASTM D2244.
 3. Not chalk in excess of a numerical rating of eight (8) as determined by ASTM D4214

PART 2 – PRODUCTS

2.01 Acceptable Manufacturers:

- A. Subject to compliance with requirements, provide products from the following manufacturer:
1. Metal Roofing Contractors, Inc.,
 2. Englert Inc.
 3. Semco
 4. Fabral Building Products Division
 5. Sentrigard
- B. For manufacturers not listed, submit as substitution.
- C.

**SECTION 07460
GUTTERS AND DOWNSPOUTS**

2.02 Materials

- A. Seamless Galvanized Steel Gutter and Galvanized Steel Downspout System:
1. Provide seamless galvanized steel gutters and galvanized steel downspouts at all existing gutter and downspout locations at sloped roofs. The system shall be able to hold a minimum of 50 lbs. per lineal foot. Configuration and size shall match existing.
 2. Provide submittal for all mechanical connections used for splices, laps, end caps, etc.
 - a. All mechanical fasteners shall be 18-8 S.S. or greater.
- B. Shop Finish, Rain Drainage:
1. Galvanized Coat of G-90
 2. Gutters and Downspouts shall match configuration, size, and direction of water flow of existing unless specified otherwise by Manatee County.
 3. Color finish shall match metal roof.

2.03 Finish – (Twenty Year Warranty)

- A. Color coating shall match existing and shall consist of a 0.8 to 0.9 mil full-strength 70% Kynar 500 fluorocarbon (Polyvinylidene Fluoride PVF2) coating over a 0.2 to .03 mil urethane primer on the finished side, with a wash coat on the reverse. Face Film Thickness shall be 1.0 mil \pm 0.2 mil.
- B. Top Side Film Thickness: Primer shall be 0.2 to 0.3 mil. Kynar 500 Top Coat shall be 0.8 to 0.9 mil. Reverse side finish shall be a wash coat. Total dry film thickness for the coating system shall be 1.00 mil nominal. All measurements per NCCA Technical Bulletin II-4 or ASTM D 1005.
- C. Specular Gloss: As determined per ASTM D523 at a glossmeter angle of 60 degrees. 35% \pm 5% specular reflectance.
- D. Humidity Resistance: No blistering, cracking, peeling, loss of gloss or softening of the finish after 2,000 hours of exposure at 100% relative humidity at 95° F, per Federal Test Method Standard 141, Method 6201 or ASTM D 2247.
- E. Salt Spray Resistance: Samples diagonally scored and subjected to 5% neutral salt spray at 95° F per ASTM B 117, then taped with Scotch #610 cellophane tape one hour after removal from test cabinet. After 1,000 hours samples shall show no blistering and no loss of adhesion greater than 1/8 inch from the score line.
- F. Chemical Resistance: No effect after 24 hour exposure to a 10% solution of hydrochloric acid, and after an 18 hour exposure to 20% sulfuric acid, per ASTM D 1308, including exposure to 10% muriatic acid and nitric acid fumes.
- G. Chalking Resistance: No chalking greater than #8 rating, per ASTM D 659 test procedure after a 3,000 hour weatherometer test.
- H. Color Change: Finish coat color change shall not exceed 5 NBS units per ASTM D 822, ASTM G 23 and ASTM D 2244 (South Florida 10-years) test procedure after 3,000 hour weatherometer test.
- I. Abrasion Resistance: Shall pass at a rate of 60 liters per mil of falling sand per ASTM D 968, Method A.

**SECTION 07460
GUTTERS AND DOWNSPOUTS**

PART 3 – EXECUTION

3.01 Examination

- A. Inspect all areas involved in work to establish extent of work, access and need for protection of surrounding construction.
- B. Verify site conditions are acceptable and ready to receive work.
- C. Commencement of installation will constitute acceptance of existing conditions by Contractor.

3.02 Installation

- A. Installation shall be in accordance with manufacturer's recommendations and approved Shop Drawings.
- B. All fasteners heads shall be hot-dipped galvanized or stainless steel. Fasteners shall be coated to match the gutters and downspouts.
- C. All fasteners anchored into concrete substrate shall be embedded in one-part urethane sealant.
- D. Installation shall be straight, plumb and level, accurately fitted and free from distortion or defects.
- E. Protect finishes against damages for the duration of the project.

3.03 Cleaning

- A. Remove labels and visible markings.

3.04 Protection

- A. Protection of the finished installation shall be the sole responsibility of the Contractor.

END OF SECTION 07570

**SECTION 07610
SHEET METAL ROOFING**

- A. Color coating shall match existing and shall consist of a 0.8 to 0.9 mil full-strength 70% Kynar 500 fluorocarbon (Polyvinylidene Fluoride PVF2) coating over a 0.2 to .03 mil urethane primer on the finished side, with a wash coat on the reverse. Face Film Thickness shall be 1.0 mil \pm 0.2 mil.
- B. Top Side Film Thickness: Primer shall be 0.2 to 0.3 mil. Kynar 500 Top Coat shall be 0.8 to 0.9 mil. Reverse side finish shall be a wash coat. Total dry film thickness for the coating system shall be 1.00 mil nominal. All measurements per NCCA Technical Bulletin II-4 or ASTM D 1005.
- C. Specular Gloss: As determined per ASTM D523 at a glossmeter angle of 60 degrees. 35% \pm 5% specular reflectance.
- D. Humidity Resistance: No blistering, cracking, peeling, loss of gloss or softening of the finish after 2,000 hours of exposure at 100% relative humidity at 95° F, per Federal Test Method Standard 141, Method 6201 or ASTM D 2247.
- E. Salt Spray Resistance: Samples diagonally scored and subjected to 5% neutral salt spray at 95° F per ASTM B 117, then taped with Scotch #610 cellophane tape one hour after removal from test cabinet. After 1,000 hours samples shall show no blistering and no loss of adhesion greater than 1/8 inch from the score line.
- F. Chemical Resistance: No effect after 24 hour exposure to a 10% solution of hydrochloric acid, and after an 18 hour exposure to 20% sulfuric acid, per ASTM D 1308, including exposure to 10% muriatic acid and nitric acid fumes.
- G. Chalking Resistance: No chalking greater than #8 rating, per ASTM D 659 test procedure after a 3,000 hour weatherometer test.
- H. Color Change: Finish coat color change shall not exceed 5 NBS units per ASTM D 822, ASTM G 23 and ASTM D 2244 (South Florida 10-years) test procedure after 3,000 hour weatherometer test.
- I. Abrasion Resistance: Shall pass at a rate of 60 liters per mil of falling sand per ASTM D 968, Method A.

PART 3 – EXECUTION

3.01 Removal Of Existing Roofing

- A. Remove all existing panels and membrane down to the existing structural steel roof deck.

3.02 Inspection

- A. Verify substrate is uniform, even and symmetrical by running a string test. Verify soundness of existing roof deck. Replace any deteriorated roof deck with like kind installed in accord with the requirements of the Florida Building Code, current edition.
 - 1. Identify areas of deteriorated roof deck for verification by ENGINEER prior to replacement.
 - 2. Ensure existing sheathing is installed in accordance with the requirements of the Florida Building Code and specifications.
- B. Do not begin installation until all unsatisfactory conditions have been corrected.