

**ADDENDUM 2**

TO BID DOCUMENTS FOR  
CN-07-005 POLICE/EMERGENCY SERVICES CENTER  
AKA  
INTER-AGENCY MARITIME OPERATIONS CENTER  
PSGP Grant #2007-GB-T7-0197  
FOR  
CANAVERAL PORT AUTHORITY  
03/05/10

This addendum is issued as part of the Bidding Documents for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents. The bidder shall take care to coordinate modifications herein with all trades and disciplines related to the work. The Bidder shall acknowledge receipt of this addendum on the Bid Form by addendum number and date. Failure to do so may subject Bidder to disqualification.

**SENT VIA FAX – 16 PAGES TOTAL**

\_\_\_\_\_ (NAME OF YOUR COMPANY)

PLEASE SIGN \_\_\_\_\_ AND **RETURN THIS FIRST SHEET ONLY** VIA FAX TO **CH2M HILL** AT **(321) 799-1183**. THIS VERIFIES THAT YOU HAVE RECEIVED ADDENDUM #2.

**GENERAL:**

Please note that the asphalt material is as indicated on Plan Sheet C-4.

**DRAWINGS:**

1. **Sheets LP-1, LP-2, and LP-3 are reissued.** A “USendIt” link will be emailed to you for downloading the full-size plans. You may also download the plans from [www.portcanaveral.com/general/bids.php](http://www.portcanaveral.com/general/bids.php). Small-scaled versions of the plans are herein faxed.
2. **Sheet A-601:** Doors No. 122 and 139 in the DOOR AND FRAME SCHEDULE, CHANGE the frame material column to AL, and under comments ADD note No. 3 to read:  

“3. Aluminum doors shall be Model No. 260 and Aluminum Frame shall be Model No. FR575 as manufactured by ALUTCH CORPORATION”.
3. **Sheet A-631:** ADD INTERIOR FINISH GENERAL NOTES ltr. J. to read:  

“J. All window sills shall be solid surface material SSM-2.”
4. **Sheet E-001:** SITE LIGHTING FIXTURE SCHEDULE, Fixture “SA” under DESIGN SELECTION, ADD:

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

“Fixture SA mounting height shall be 25 feet above finished grade (AFG). Poles shall be direct buried concrete. Poles shall be buried a minimum 10 feet resulting in overall pole length of a minimum of 35 feet long.”

5. **Sheet A-602:** WINDOW SCHEDULES, CHANGE the GLAZING type for all exterior windows (W1 thru W4) to read:

“INSULATED LAMINATED GLASS UNIT, See Specifications”

6. **Sheet A-631:** ROOM FINISH - MATERIAL KEY LEGEND, CHANGE the NOTE for Item CT-3 to read:

“Restroom”

7. **Sheet ES-101:** PLAN NOTES No. 4, ADD the following:

“Conduits in concrete encased ductbank shall be 9 inches apart (center to center) and concrete shall be a minimum 4 inch beyond edge of conduits.”

8. **Sheet S-101:** FOOTING SCHEDULE, under reinforcement for the TS size foundation, ADD the following:

“Transverse bars shall be #4 @ 18” on center at top and bottom.”

And CHANGE the footing schedule rebar to show (3) #5's cont.

9. **Sheet ES-101:** PLAN NOTES No. 10, CHANGE to read:

“10. See Civil Drawings for Lift Station. Electrical contractor shall provide 3 #8, 1 #10 GND in 1 inch conduit from Lift Station service disconnect to panel MDP.”

10. **Sheet C-3:** Refer to attached sketches SK C3-3, SK C3-4, and SK C3-5 for revisions.

11. **Sheet A-631:** ROOM FINISH – MATERIAL KEY LEGEND, CHANGE the following for Finish Code BL-1:

Manufacturer:	<u>Nouveau</u>
Description:	<u>3-1/2”</u>
Product Number:	<u>MC-130 PVC</u>
Colors:	<u>Selected By Owner</u>
Note:	<u>Blinds throughout except Room 124</u>

**SPECIFICATIONS:**

1. **SECTION 08 41 13:** Paragraph 2.1.C, CHANGE to read:

“C. Flush Aluminum Door and Frames: Provide Flush Aluminum Door Model No. 260 and Aluminum Frame Model No. FR575 as manufactured by Alutech Corporation.”

2. **SECTION 27 11 00:** Paragraph 2.1.B.2. a and b, CHANGE to read:

“a. Basket Cable Trays for Corridors: 12 inch wide and 2 inch deep. Wire mesh spacing shall not exceed 2 x 4 inches.”

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

- “b. Ladder Cable Trays for Communications Room: 18 inch wide and rung spacing of 6 inches.”
3. **SECTION 12 21 13:** Delete in its entirety. Contractor to provide vertical blinds at all exterior windows except the windows in Training Room 124. Refer also to drawing change #11 above.
4. **SECTION 12 49 70:** ADD Paragraph 1.2.B as follows:  
“B. Provide Blackout drapes at all exterior windows located in Training Room 124.”
5. **SECTION 09 24 00:** ADD Paragraph 3.4.D as follows:  
“D At round medallions, provide custom fabricated round control joints. Field fabricated round joints are not acceptable.”
6. **SECTION 09 24 00:** Paragraph 3.5.C, CHANGE to read:  
“C. Plaster Finish Coat: Apply to provide smooth float finish.”
7. **SECTION 08 81 00:** ADD Paragraph 2.11 as follows:  
“2.11 INSULATING LAMINATED GLASS UNITS  
A. Insulating Glass Standard: ASTM E 2190. Manufacturer’s standard sealing system, spacer and desiccant.  
B. Overall Unit Thickness: Min. 1-3/16 inch.  
C. Outdoor Lite: Min ¼ inch thick Low-E “Blue Pacifica” tinted glass (No. VE-27-70)  
D. Air Space: ½ inch.  
E. Indoor Lite: Clear laminated glass with two plies of Min. ¼ inch fully tempered float glass and Min. 0.06 inch thick interlayer. Min. 9/16 inch total thickness.”  
F. Basis of Design: “VE 27-70” Viracon.”
8. **SECTION 08 81 00:** Delete Paragraph 2.10.B.
9. **SECTION 23 07 13:** Delete Paragraph 3.11.D.1.
10. **APPENDIX A:** FDEP Water Permit WD05-0124889-839 is herein attached.

**ANSWERS TO QUESTIONS FROM CONTRACTORS:**

1. **QUESTION:** Door 139 (Mechanical Yard) is shown as a pair of anodized aluminum doors in hollow metal frame. Should doors be hollow metal? Door 122 (Mechanical Room) is a non-typical use of aluminum doors and frames. Should these be hollow metal as well?  
**ANSWER:** Refer to drawing change #2 and specification change #1 above.
2. **QUESTION:** Specification 271100 2.1.B.2, Drawing E-301. Spec calls out 6” basket tray in halls. Plan says 12”. Which is required? Spec calls out 12” ladder tray for communication room. Plan says 18”. Which is required?  
**ANSWER:** Refer to specification change #2 above.

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

3. **QUESTION:** Drawing E-501, the feeder schedule references parallel runs. Is it the intent of the parallel runs to mean provide 2 conduits with wire from equipment to equipment?

**ANSWER:** No, all runs are one (1) conduit only.
4. **QUESTION:** Drawing ES-102, what is the height of the poles?

**ANSWER:** Refer to drawing change #4 above.
5. **QUESTION:** Please identify a solid surface selection for the window sills. They are not addressed on A-631, Room Finish Schedule.

**ANSWER:** Refer to drawing change #3 above.
6. **QUESTION:** Please identify the solid surface selection for the window sills.

**ANSWER:** Refer to Answer #5 above.
7. **QUESTION:** Sections 3 & 4 on Sheet A-323 indicate cement plaster, over metal lath, over waterproof coating, over 8" CMU, along with a 3/4" reveal. Spec Section 09 24 00, page 5, indicates 5/8" thickness to match Architect's sample – float finish. Is this to be smooth finish? How does the 3/4" reveal work with the 5/8" thickness, and are you sure the masonry should be lathed? Please advise.

**ANSWER:** The reveal shall be 5/8 inch high x 3/4 inch wide. The masonry should be lathed and waterproofed. Refer also to specification changes #5 and #6 above.
8. **QUESTION:** Is there a sign message schedule with the quantity and size? There are no specifications on what the sign sizes are, only where they are to be installed.

**ANSWER:** No, all signs are not-in-contract (NIC).
9. **QUESTION:** Specification Section 088100, is there a Viracon part number for the windows? The blue color can vary in price based on performance specifications. Please advise with further information.

**ANSWER:** Refer to drawing change #5 and specification changes #7 and #8 above.
10. **QUESTION:** Drawing A-201, Addendum #1 indicates the Medallions are to be field formed. Please provide a detail/cross section. The note regarding the finish is unclear. Please clarify what the intended finish is to be.

**ANSWER:** The Medallions are field installed with two (2) custom, fabricated round control joints (See Detail No. 6 A-201). The finish of all Portland Cement Plaster (stucco) is smooth float. The thickness of the stucco at the center and in between the control joints at the Medallions are the same as all the stucco walls.
11. **QUESTION:** Sheet LP-3, Section 02930, 1.06 C, states employ permanent irrigation system. Section 02950, 2.04 conflicts with 02930. Can we use onsite temporary water for this or do we need to anticipate using off site water?

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

**ANSWER:** No irrigation system is required. If onsite water is to be utilized, the Contractor is responsible for coordinating with the City of Cocoa regarding the meter and is responsible for all associated costs and fees. Also, refer to reissued Sheet LP-1.

12. **QUESTION:** Page two of Addendum #1 Item 6-2. Please clarify the meaning of “natural Florida coral imprint, simulated” Is that a type of finish? I could not find it on the manufacturer’s web site.

**ANSWER:** The finish is a formed surface that resembles Florida coral rock. Finish shall match the sample board available for viewing at the CPA offices.

13. **QUESTION:** On Sheet C-5, the stabilized drive calls for 2” of sod. What kind of sod should this be?

**ANSWER:** Sod shall be Argentine Bahia.

14. **QUESTION:** Where do the Blinds & Blackout Drapes Go? All Windows?

**ANSWER:** Refer to specification changes #3 and #4 above.

15. **QUESTION:** Please clarify the complete model number for the concealed flush valve with all flow options and suffix options. Note that there is differing model number information provided on sheet note #5, page P-101 (Model Z6150) and notations at the flush valve location on page P-201 Plumbing Domestic Water Riser diagram (Model Z6000-WS1). This valve is not listed on the page P-000 Plumbing Fixture Schedule.

**ANSWER:** Provide a box with aquaflush concealed flush valve Z6150 as it shown on sheet P-101.

16. **QUESTION:** Please clarify the requirement/specification for the Zurn Z1464 water supply control box assembly as this fixture is not required/compatible for the concealed flush valve installation. If required, please specify applicable option prefixes and suffixes. This fixture is not listed on the page P-000 Plumbing Fixture Schedule.

**ANSWER:** Provide a box with aquaflush concealed flush valve Z6150 in lieu of the Z1464 as it is shown on sheet note #5 of sheet P-101.

17. **QUESTION:** Is a Zurn model Z1467 flanged access box required in addition to/in lieu of the Z1464 water supply control box assembly? This box is compatible with the Z6150 concealed flush valve. If required, please specify applicable option prefixes and suffixes. This fixture is not listed on plans.

**ANSWER:** Refer to Answers #15 and #16 above.

18. **QUESTION:** Referring to structural detail 6/S-502. Are the upper and lower plates that the clevises connected to stainless steel or carbon steel? “Exterior Elevation Keynote #20 on drawing A-201 is shown at the South entry canopy and at the two (2) North canopy locations. Based on details 2/A-321 and 6/S-502, is it correct that these are stainless steel plates and are provided by the canopy manufacturer ONLY at the two (2) North canopy locations?

**ANSWER:** Stainless Steel. SS Plates are provided at all canopy locations. It was intended that these SS Plates are provided by the canopy manufacturer.

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

19. **QUESTION:** Referring to structural detail 1/S-503. How do the curved HSS beams fasten to the wall?
- ANSWER:** Refer to structural detail 3/S-502 "TYP. STEEL BM TO CONC. CONNECTION". Use  $\frac{3}{4}$ " through bolts connecting the (2) -L3  $\frac{1}{2}$  x 3  $\frac{1}{2}$  x  $\frac{1}{4}$  at each side of the HSS tube.
20. **QUESTION:** Referring to structural detail 7/S-503. How many connection points are there on each sunshade? More than two (2) each?
- ANSWER:** There are 2 connection points on each sunshade.
21. **QUESTION:** I cannot find information pertaining to whether an irrigation system is required or intended. Is it? If so, please provide specifications.
- ANSWER:** Refer to Answer #11 above.
22. **QUESTION:** Will there be building permit fees and impact fees that will be payable to Port Canaveral?
- ANSWER:** There are no building permit fees. Refer to Supplementary Conditions to the General Conditions Paragraph 6.08A for impact fees.
23. **QUESTION:** What will be the procedure if the General Contractor needs to change one of his subcontractors after he has already submitted his list of subcontractors with his bid?
- ANSWER:** General Contractor can submit an updated Subcontractors List for approval after award.
24. **QUESTION:** Are there any requirements and/or specifications for the following: Security System, Sound System, and Intercom System?
- ANSWER:** No. These systems will be provided and installed by the Port Authority.
25. **QUESTION:** What is the site's street address?
- ANSWER:** Refer to P-1 in the Specifications.
26. **QUESTION:** On sheet 2 of 7 at the Specifications #2 Section 10 91 00 Epoxy Flooring Systems Section 10 91 00 is for Miscellaneous Specialties. Please clarify.
- ANSWER:** The specification requirements for the Epoxy Flooring are specified under Section 10 91 00 – Miscellaneous Specialties.
27. **QUESTION:** C-2, what is required after the force main comes out of the lift station?
- ANSWER:** Refer to Addendum No. 1, Answer No. 10.
28. **QUESTION:** Will an irrigation plan be provided?
- ANSWER:** Refer to Answer #11 above.
29. **QUESTION:** On Sheet A631, ROOM FINISH MATERIAL KEY LEGEND, CT3 note references

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

“Janitor Field Tile”. ROOM FINISH SCHEDULE, Room 128 reflects nothing indicating wall tile. Please clarify.

**ANSWER:** There is no wall tile in the Janitor Room. Also, refer to drawing change #6 above.

30. **QUESTION:** What is the required height and width of the actual concrete duct bank required for the telephone primary conduits?

**ANSWER:** Refer to drawing change #7 above.

31. **QUESTION:** VFD's for the A/C unit furnished and installed by whom?

**ANSWER:** VFD's shall be provided under HVAC sub-contractor scope.

32. **QUESTION:** Specification Section 105126, calls for locker to be constructed from HDPE solid plastic. Drawing A582 shows lockers as casework lockers constructed from wood covered w/plastic laminate. Which is correct?

**ANSWER:** Refer to Addendum No 1, Answer No. 7.

33. **QUESTION:** Are lockers in Rooms 134 & 137 single tier lockers as shown on Drawing A-422?

**ANSWER:** No. Lockers in Rooms 134 & 137 are 2 tier, Z type lockers as shown on sheet A-401, Accessory #14, and Specification Section 10 51 26. The lockers on Sheet A-422 are the lockers in Room 103C.

34. **QUESTION:** There are not any specs or safety features for the Gate Operator. Please clarify.

**ANSWER:** Motor and associated hardware are to be provided by Contractor. Card reader device to be provided by Owner. Also refer to Answer #3 above.

35. **QUESTION:** What surface is the drive behind the building where “No Parking” area is?

**ANSWER:** The area excluding the Future Parking area shall be stabilized. See Civil Legend on Sheet G-1, hatch pattern on Sheet C-2 with note call out 2-14. Also, refer to Answer #13 above.

36. **QUESTION:** Is metal clad cable an acceptable wiring method, if installed per National Electrical Code?

**ANSWER:** No.

37. **QUESTION:** Please verify the amperage on MDP. Panel Schedule shows 350A and Feeder Schedule shows 300A.

**ANSWER:** 300A.

38. **QUESTION:** Is the Fire Alarm Raceway System in electrical contractor's scope?

**ANSWER:** Refer to Addendum No. 1, Answer No. 2.

39. **QUESTION:** Is a 400A main electrical disconnect needed in front of utility companies electrical meter or will they CT the transformer?

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

**ANSWER:** FP&L will CT the transformer.

40. **QUESTION:** Please verify water heater(s) circuit requirements and the panel that serves them.

**ANSWER:** Circuit to L1-65:67. Provide 50A/2-pole breaker. Provide 2 #8, 1 #10 GND in 1 inch conduit. Provide 60A, non-fused disconnect switch.

41. **QUESTION:** What is the size and spacing of the transverse bars on the continuous footers?

**ANSWER:** Transverse bars consist of #4 @ 18" O.C top and bottom. Also, refer to drawing change #8 above.

42. **QUESTION:** Footing (TS) specifies (2)#5 continuous on the Footing Schedule (S-101) where as the Thickened Slab Detail on Detail 7 (S-302) shows (2)#5 continuous at the bottom with (1)#4 continuous at the top. What is the correct reinforcement?

**ANSWER:** Use reinforcement provided on detail 7/S-302. Also, refer to drawing change #8 above.

43. **QUESTION:** S-101, General Note 16 states a corrosion inhibiting admixture on exposed walkway and balconies is required. Is this only pertaining to sidewalks and how many gallons per yard are required?

**ANSWER:** This requirement pertains to exposed concrete located at the sidewalks, patio and mechanical yard. Dosage varies based on type of the admixture used ranging from 2 to 4 gallons per cubic yard.

44. **QUESTION:** Sheet S-101, Footing Schedule shows WF 36x16 and WF 36x24 with (3) or (4)#5 bars continuous top and bottom. See 10/S-302. 10/S-302 shows what appears to be top and bottom each way. Please clarify.

**ANSWER:** For continuous wall footings transverse reinforcement consists of #4 @ 18" OC top and bottom. This is in addition to the continuous reinforcement.

45. **QUESTION:** The Specification book calls out Caylex Architectural Fabrication Corp or acceptable equal for the (2) rear and (1) main entrance canopy. After contacting Caylex they informed me they will not be bidding this project. Please provide an acceptable equal for pricing purposes.

**ANSWER:** An acceptable alternate manufacturer for the Custom Metal Entrance Canopies is Mapes Architectural Canopies (888) 273-1132 or SD metal Products, LLC (407) 522-4200.

46. **QUESTION:** Sketches SKC-1 and SKC3-2 do not give the sizes of the new A1, A2, and A3 Nyloplast drains. Can you please advise on what size is needed?

**ANSWER:** Area drains 1A, 1B, 1C, and 4A shall be manufactured by Nyloplast, 24" diameter ductile iron grates with H-25 loading. Provide 24" wide by 6" thick concrete collar around each inlet. Refer also to drawing change #10 above.

47. **QUESTION:** On the exposed metal ductwork which of the following is accepted: Aluminum Jacketing, PVC Jacketing or Venture Guard Laminate Jacketing on exposed ductwork? Please clarify.

INTER-AGENCY MARITIME OPERATIONS CENTER  
CN 07-005

**ANSWER:** Provide either Aluminum Jacketing or PVC Jacketing.

48. **QUESTION:** Please provide the Specification for Infrastructure Cabling.

**ANSWER:** See Specification Section 26 05 19.

49. **QUESTION:** Please provide the Specifications for the Security Camera System.

**ANSWER:** The system is provided by the Owner. See note under Electronic Security System Symbol Legend on sheet E-001.

50. **QUESTION:** Sheet ES-101 mentions Lift Station by others, but Addendum No. 1 reads as if the lift station is to be provided by the Contractor. Please clarify.

**ANSWER:** The provision and installation of the lift station is by the Contractor. Refer to drawing change #9 above.

51. **QUESTION:** Sheet A-201 shows medallions on the mechanical wall elevations (detail 5/A-201) but does not show on the south or north elevations. Should Medallions be figured in these areas?

**ANSWER:** There are no medallions on the mechanical yard wall. What is shown on Detail 5/A-201 is the medallions on the building wall beyond.

52. **QUESTION:** On the revised drainage structure table and drawing there is no size for A1, A2, and A3 Nyloplast drains can you please advise on what size is needed?

**ANSWER:** Refer to Answer #46 above.

**END OF ADDENDUM #2**  
**Issued via fax by authority of the Canaveral Port Authority**



# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## Notification of Use of General Permit

### SENT BY E-MAIL

Permittee: Jon O. Brazee, P.E., Canaveral Port Authority  
Utility: John A. Walsh, P.E., City of Cocoa  
Engineer: David M. Tom, P.E., Construction Engineering Group

Permit Number: WD05-0124889-839  
Project Name: Police Department/Emergency Services Center  
PWS No: 3050223  
Location: NE corner of Grouper Rd & Magellan Rd, Port Canaveral  
Project Description: Building

To the Permittee: Jon O. Brazee, P.E., Deputy Executive Director/Chief Engineer

In response to your request, this document is to advise you that the Department has received your notice of intent to use a general permit as provided in Chapter 62-555, Florida Administrative Code (*F.A.C.*), to construct a water distribution system extension and is not at this time objecting to your use of such general permit. Please be advised that you are required to abide by all conditions in Chapters 62-4, 62-550, 62-555, the general requirements for general permits, and Rule 62-555.405, *F.A.C.* Also note that the permittee must promptly notify the Department upon sale or legal transfer of the permitted facility. This permit is transferable only upon Department approval. The new owner must apply, by letter, for a transfer of permit within 30 days.

**A LETTER OF CLEARANCE MUST BE ISSUED BY THE DEPARTMENT PRIOR TO PLACEMENT OF THIS PROJECT INTO SERVICE. FAILURE TO DO SO WILL RESULT IN THE PERMITTEE BEING SUBJECT TO APPROPRIATE ENFORCEMENT ACTION.**

To obtain the clearance letter, the engineer-of-record must submit a "Request for Letter of Release to Place Water Supply System into Service" [DEP Form 62-555.900(9), *F.A.C.*] (attached), a copy of this letter and satisfactory bacteriological test results (with chlorine residuals indicated) taken on two consecutive days from the following locations:

- a. **The proposed main at the point of connection with the existing main**
- b. **The domestic water line to the building**

Water sample forms must indicate specific recommended sample locations and file number above. Permit expiration date is five years from the date of issuance.

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Richard S. Lott, P.G., P.E.  
Central District Drinking Water Program  
Date: March 5, 2010

RSL/JYM/JYM

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