

PANAMA CANAL AUTHORITY	VARIATION	PAGE 1 OF 5
1. REQUEST FOR PROPOSAL No.:  RFP-76161	2. CONTRACT No.:  CMC-221427	3. DATE: May 5, 2016
		4. VARIATION No.: 167

5. ISSUED BY:

PANAMA CANAL AUTHORITY  
Employer's Representative  
Locks Project Management Division  
Building 740, Corozal  
Panama, Republic of Panama

6. NAME AND ADDRESS OF CONTRACTOR (INCLUDE PHYSICAL & POSTAL ADDRESS)  Grupo Unidos por el Canal, S.A. Building 22B, Brujas Road Cocoli, Republic of Panama	7. CONTRACTOR'S TELEPHONE NUMBER:  507-316-9900
	8. CONTRACTOR'S FACSIMILE NUMBER:

**9. VARIATION:**

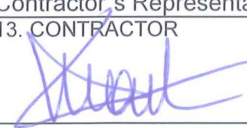
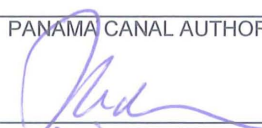
- ☒ The contract referred to in item No. 2 is hereby varied as set forth in item 10, entitled "DESCRIPTION OF VARIATION".
- ☒ YES. ☐ NO. The contractor shall send a copy, duly signed, of this Variation to the Employer's Representative/Contracting Officer.

	9 A. THIS VARIATION IS EXECUTED ON THE BASIS OF: (Specify the legal authority).  THE VARIATION DESCRIBED IN ITEM 10 IS HEREBY INCORPORATED AND MADE A PART OF THE CONTRACT.
	9 B. THE CONTRACT REFERRED TO IN ITEM NO. 2, IS VARIED TO INCORPORATE ADMINISTRATIVE CHANGES (such as the paying office, account numbers, etc.).
X	9 C. THIS BILATERAL AGREEMENT IS SIGNED AND INCORPORATED INTO THE CONTRACT REFERRED TO IN ITEM NO. 2 OF THIS FORM, ON THE BASIS OF: (Specify the legal authority) <b>Volume III, Conditions of Contract, Sub-Clause 1.16 [Entire Agreement],</b>
	9 D. OTHER. (Specify manner and the legal authority).
	9 E. ACCOUNT NUMBER (If required):

**10. DESCRIPTION OF THE VARIATION** (List in accordance with the order of the Contract. If additional space is required, use blank sheets).

**See attached**

Except for the variation(s) herein specified, all other terms and conditions of the Contract remain unchanged.

11. NAME AND TITLE OF THE PERSON AUTHORIZED TO SIGN (Type or print)  Giuseppe Quarta Contractor's Representative	12. NAME AND TITLE OF THE EMPLOYER'S REPRESENTATIVE/CONTRACTING OFFICER (Type or print)  Jorge de la Guardia, Employer's Representative
13. CONTRACTOR  (Authorized signature)	14. DATE: 14/V/2016
	15. PANAMA CANAL AUTHORITY  (Employer's Representative/Contracting Officer's signature)
	16. DATE: 5/V/2016

This Variation No. 167 is issued to reflect the following changes:

**1. Volume II, Part 2, Paragraph 1.04.P.6.f.4) [Urinals] of Section 01 86 13 [Plant Mech. Systems and Equipment] that currently reads:**

- 4) **Urinals:** ASME A112.19.2M, white vitreous china, wall-mounted, wall outlet, siphon jet, integral trap, extended side shields. Provide large diaphragm (not less than 66 mm upper chamber inside diameter at the point where the diaphragm is sealed between the upper and lower chambers) flush valve of chrome plated cast brass conforming to ASTM B 584, including vacuum breaker and angle (control-stop) valve. Provide ASME A112.19.5 trim and ASME 112.6.1M concealed chair carriers. Provide self-closing metering type flush valve, unless electronic control is specified in the ESR Section D20. Handicapped fixture mounting height and appurtenances shall be in accordance with ANSI A117"

shall be deleted and replaced with:

- 4) **Urinals:** ASME A112.19.2M, white vitreous china, wall-mounted, wall outlet, siphon jet or wash out system, integral trap, extended side shields. Provide large diaphragm (not less than 66 mm upper chamber inside diameter at the point where the diaphragm is sealed between the upper and lower chambers) flush valve of chrome plated cast brass conforming to ASTM B 584, including vacuum breaker and angle (control-stop) valve. Provide ASME A112.19.5 trim and ASME 112.6.1M concealed chair carriers. Provide self-closing metering type flush valve, unless electronic control is specified in the ESR Section D20. Handicapped fixture mounting height and appurtenances shall be in accordance with ANSI A117"

(RFV320; IAE-UPC-2947)

**2. Volume II, Part 2, Paragraph 1.03.B.1.g. of Section 33 81 26 [Outside Plant Pathways for Underground Communications] that currently reads:**

"g. Manholes shall have bonding inserts, cable trays, covers, grounding rod, pulling hooks, reinforcing bars, stair, and sump hole(s) with a minimum diameter of 305 mm (1 ft), as required. Each sump hole shall either

- a have drainage as specified in this Section, or
- b be as specified in paragraph 1.04.B of Section 26 05 43, [Underground Ducts and Raceways for Electrical Systems] of the Employer's Requirements."

shall be deleted and replaced with:





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*"g. Manholes shall have bonding inserts, cable trays, covers, grounding rod, pulling hooks, reinforcing bars and sump hole(s) with a minimum diameter of 305 mm (1 ft), as required. Portable ladders shall be provided for access to the manhole for inspection. Each sump hole shall either*

*a have drainage as specified in this Section, or*

*b be as specified in paragraph 1.04.B of Section 26 05 43, [Underground Ducts and Raceways for Electrical Systems] of the Employer's Requirements."*

(RFV-302; IAE-UPC-2870)

**3. Volume II, Part 2, Paragraph 1.03.B.1.g. of Section 33 81 26 [Outside Plant Pathways for Underground Communications]**

*The depiction of (and associated text relating to) stairs in Figure 33 81 26-1: Conceptual Manhole Elevation in Paragraph 1.03 B. 1. a. of Section 33 81 26 shall be deleted.*

(RFV-302; IAE-UPC-2870)

**4. Volume II, Part 2 Paragraph 1.03 G. 2. g .2) [Secured Clothing Storage] of Section 01 84 00 [Interior Performance Requirements] that currently reads:**

- 2) **Secured Clothing Storage:** *Provide individual full size lockable storage units with corrosion-resistant finish for transient usage at the [PB], [GH], and [CB], equipping them with hard hat shelf, clothing hanger rod, boot storage shelf, and wall hooks. Minimum size shall be 450 mm by 450 mm by 1,830 mm.*

shall be deleted and replaced with:

- 2) **Secured Clothing Storage:** *"Provide individual full size lockable storage units with corrosion-resistant finish for transient usage at the [PB], [GH], and [CB], equipping them with hard hat shelf, clothing hanger rod, boot storage shelf, and wall hooks. Minimum size shall be 400 mm by 520 mm by 1,980 mm"*

(RFV-311; IAE-UPC-2871)

**5. Volume II, Part 2 Paragraph 1.03.B.3.f.3) of Section 01 93 00 [Maintenance Services] that currently reads:**

- 3) **"Equipment Warranty Tags and Guarantor's Local Representative:** *The Contractor shall furnish with each warranty, the name, address, and telephone number of the guarantor's representative nearest to the location where the Plant and Materials are installed. The guarantor's representative,*



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*upon request of the Employer's unit representative, shall honor the warranty during the extended warranty period and shall provide the services prescribed by the terms of the warranty. At the time of installation, the Contractor shall tag each item of warranted equipment with a durable, oil- and water-resistant tag approved by the Employer's Representative. The Contractor shall attach the tag with copper wire and spray the tag with a clear silicone waterproof coating. The Contractor shall leave the date of acceptance and quality control's signature blank until the issuance of the Performance Certificate. The tag shall show the information shown in Table No. 1, included at the end of this Section"*

shall be deleted and replaced with:

- 3) ***"Equipment Warranty Tags and Guarantor's Local Representative:*** *The Contractor shall furnish with each warranty, the name, address, and telephone number of the guarantor's representative nearest to the location where the Plant and Materials are installed. The guarantor's representative, upon request of the Employer's unit representative, shall honor the warranty during the extended warranty period and shall provide the services prescribed by the terms of the warranty. At the time of installation, the Contractor shall tag each item of warranted equipment with a durable, oil- and water-resistant tag approved by the Employer's Representative. The Contractor shall attach the tag with copper wire and spray the tag with a clear silicone waterproof coating. The Contractor shall leave the date of acceptance and quality control's signature blank until the issuance of the Performance Certificate. The tag shall show the information shown in Table No. 1, included at the end of this Section.*

*For fenders, as an alternative to a tag, the Contractor may use as identification information a string of numbers incorporated in the mold with a unique serial number for each fender which can be easily traceable following standard marine fender procedures. The warranty tag information shall be provided in an electronic database and one hard copy. "*

(RFI-215; GUPC-IAE-3652; IAE-UPC-2584; GUPC-IAE-3836; IAE-UPC 2633; GUPC-IAE-4246)

6. All of the Contractor's other existing and ongoing obligations pursuant to the Contract remain unaffected and nothing within this Variation Agreement No. 167 is intended to be a waiver or relaxation of the Contractor's obligations under the Contract, save only as expressly stated herein.
7. The Parties agree that, save as expressly stated in this Variation Agreement No. 167 the Contractor shall have no claims for additional time or any other relief or entitlement of any kind as a direct consequence of this Variation Agreement No. 167 or arising out of it or in any way in connection with it.



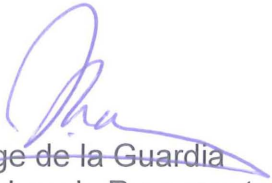
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8. This Variation Agreement No. 167 shall be governed by the Laws of the Republic of Panama and is deemed to be incorporated into and form an integral part of the Contract.

In Witness whereof the Parties hereto have caused this Variation Agreement No. 167 to the Contract to be executed on the 5th day of May of the year 2016 by their duly authorized representatives.

For ACP



Jorge de la Guardia  
Employer's Representative

For GUPCSA



Giuseppe Quarta  
Contractor's Representative

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