

PANAMA CANAL AUTHORITY	VARIATION	PAGE 1 OF 10
1. REQUEST FOR PROPOSAL No.:	2. CONTRACT No.:	3. DATE:
RFP-76161	CMC-221427	August 22, 2013
		4. VARIATION No.:
		077

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)	7. CONTRACTOR'S TELEPHONE NUMBER:
Grupo Unidos por el Canal, S.A. Building 22B, Brujas Road Cocoli, Republic of Panama	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) Volume III, Conditions of Contract, Sub-Clause 1.16 [Entire Agreement], 4th Paragraph
	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 Variation Agreement Enclosed

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)	12. NAME AND TITLE OF THE EMPLOYER'S REPRESENTATIVE/CONTRACTING OFFICER (Type or print)
Bernardo Gonzalez Contractor's Representative	Jorge de la Guardia, Employer's Representative
13. CONTRACTOR	14. DATE:
 (Authorized signature)	22/08/2013
15. PANAMA CANAL AUTHORITY	16. DATE:
 (Employer's Representative/Contracting Officer's signature)	22/VIII/2013

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Design and Construction of the Third Set of Locks

This Variation Agreement Number 077, is dated as of 22nd day of August 2013 and made

Between: Autoridad del Canal de Panama, Building 740, Corozal, Panama, Republic of Panama (hereinafter called the "**Employer**") on the one part,

and

Grupo Unidos por el Canal, S.A., of Building 22B, Brujas Road, Cocoli, Panama, Republic of Panama, a corporation organized under the laws of the Republic of Panama, registered under microjacket number 682266, document number 1683284 of the Mercantile Section of the Public Registry Office of the Republic of Panama (hereinafter called the "**Contractor**" and together with Employer, the "**Parties**") on the other part.

Whereas:


- (a) The Employer and the Contractor are party to Contract CMC-221427 for the Design and Construction of the Third Set of Locks, dated August 11, 2009 (as the same has been or may be varied, amended, supplemented or otherwise modified (the "**Contract**")).
- (b) For the purposes of interim payments in Sub-Clause 14.3.3(a) of the Contract in relation to the estimated contract value of the Works executed under the Contract, and in accordance with paragraph 1.09 R.2 of Section 01 31 00 [*Project Management and Coordination*] of the Employer's Requirements, the Contractor is paid by reference to its progress measured against the Current Programme which is based on the cost loaded Accepted Baseline Programme.
- (c) The Contractor originally cost loaded the Accepted Baseline Programme in such a manner that payments in respect of the electrical systems materials including grounding (as specified in Section 26 05 26 [*Grounding and Bonding for Electrical Systems*]), medium voltage equipment (as specified in Sections 26 13 00 [*Medium Voltage Switchgear*], 26 05 13 [*Medium Voltage Cables*], and 26 12 19 [*Pad Mounted Liquid Filled Medium Voltage Transformer*]), dry type transformers (as specified in Section 26 22 00 [*Dry Type Transformers*]), direct current equipment (as specified in Section 26 33 00 [*Direct Current Equipment*]), outdoor lighting and indoor lighting (as specified in Section 26 50 00 [*Lighting Systems*]), and electrical and control cabling system, cable trays and lightning systems (as specified in Sections 26 20 00 [*Electrical Low Voltage Distribution Work*], 26 24 19 [*Motor Control Centers*], 26 29 23 [*Variable Frequency Drive*], 26 41 16 [*Lightning Prevention and Dissipation Systems*], and 26 05 43 [*Underground Ducts and Raceways for Electrical Systems*]) that are to be used as part of the electrical systems (as specified in Section 01 81 29 [*Electrical and Lighting System*]) would be made only when the items were installed in the Works.

- (d) The Contractor:



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- (i) by letter dated November 9, 2012 (Reference GUPC-IAE-1545) informed the Employer of very serious financial problems which it contends that it is facing, that the situation was now "extremely critical" and therein requested financial support in the short to medium term from the Employer, which issues are considered in the subsequent correspondence of the Employer, including the Employer's Letters IAE-UPC-1313 of November 20, 2012, IAE-UPC-1359 of December 24, 2012, IAE-UPC-1374 of January 9, 2013, and letter IAE-UPC-1441 of February 25, 2013 and the Contractor's letters GUPC-IAE-1617 of December 21, 2012, GUPC-IAE-1716 of February 8, 2013, and GUPC-IAE-1755 of February 27, 2013;
 - (ii) requested in RFV No. 0195 dated June 26, 2013 that the Contract and Current Programme be varied so as to permit interim payments for the delivery, installation, commissioning and ACP training of Electrical Systems, Plant Mechanical Systems and Equipment, Instrumentation and Control Systems, and Bridgeways, in accordance with Appendix 1 of this Variation Agreement No. 077; and
 - (iii) agreed with the Employer, however, that the Contract and Current Programme shall only be varied so as to permit interim payments for the delivery, installation, commissioning and ACP training in relation to Electrical Systems, as set out at Appendix 1 to this Variation Agreement No. 077.
- (e) The request made pursuant to RFV No. 0195 as described in sub-paragraph (d)(ii) above also contained a budget changes proposal dated August 5, 2013, as set out in Appendix 3 to this Variation Agreement No. 077, which included the reallocation of budget from other activities to the three major Plant and Materials activities "Install Mechanical Systems and Equipment", "Install Electrical Systems and Equipment" and "Install Instrumentation and Control Systems and Equipment".
- (f) In reliance on the Contractor's representations and assertions regarding its financial condition, ability to obtain funding and cash flow difficulties, which the Parties agree that the Employer is not able to independently verify, the Employer considers that unless it agrees to such a modification (in addition to the various other measures already agreed, such as but not limited to those provided for, in Variation Agreements Nos. 042, 043, 045, 047, 048, 049, 051, 052, 055, 056, 058, 059, 060, 063, 065, 066, 067, 070, 071 and 073) there could be serious risk to the completion of the Project and therefore the Employer's agreement to the terms hereof is in the best interests of the Project.
- (g) Accordingly, the Employer has responded through letter IAE-UPC-1644 dated August 12, 2013, indicating to the Contractor that the Employer will permit interim payments for the delivery, installation, commissioning and ACP training of Electrical Systems Materials and that it confirms the price breakdown of Electrical Systems Materials and the budget changes proposal listed in the appendices to
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the Contractor's RFV No. 0195 as revised and resent by the Contractor on August 5, 2013 and that such proposal is in accordance with the preliminary agreement reached during several meetings held in June and July 2013 between the Contractor's and the Employer's Project Control Teams, but subject always to the parties agreeing a formal variation to reflect such revised arrangements.

- (h) For the avoidance of doubt, this Variation Agreement No. 077 supersedes:
- (i) the Contractor's RFV No. 188 and the proposed budget movements attached to the Contractor's Letter GUPC-IAE-1949 dated May 25, 2013; and
 - (ii) the previous version of Variation Agreement No. 077 dated August 20, 2013, following the signature of which the parties decided that an extraordinary application for payment was necessary in relation to the month of August 2013 as is provided for in this version of Variation Agreement No. 077. The parties agree that notwithstanding that the previous version of Variation Agreement No. 077 dated August 20, 2013 was signed by the parties, such previous version did not have and shall not have legal effect.
- (i) The parties have agreed that the Contractor may submit an extraordinary application for payment in respect of Electrical Systems Materials as provided for in this Variation Agreement No. 077. For that purpose, the Contractor has submitted Application for Interim Payment Certificate No. 060 dated 20 August, 2013.
- (j) Therefore, subject to the terms of this Variation Agreement No. 077, and based upon the representations and statements made by the Contractor concerning its financial position and ability to obtain funding, in order to assist the cash flow of the Contractor and for no other reason, the Parties have agreed to a variation to the Contract as hereinafter stated, but not further or otherwise.

THE PARTIES HEREBY AGREE AS FOLLOWS:

The Employer and the Contractor agree to vary the Contract as follows:

1. In this Variation Agreement No. 077, the words and expressions shall have the same meanings as are respectively assigned to them in the Contract, save as amended below or as expressly stated.
2. This Variation Agreement No. 077 and the modifications contained herein are approved and dated in writing by the authorized representatives of the Contractor and the Employer and in doing so the Parties acknowledge and identify that this is done in accordance with Sub-Clause 1.16 [*Entire Agreement*] of the Contract.
3. Notwithstanding and without prejudice to the merits of any claims that either Party may have against the other relating to the Contract (as to which both Parties' positions are fully reserved) the Contractor acknowledges and agrees that the



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Employer is not responsible for the Contractor's financial position and its need to request financial assistance. The Contractor agrees and acknowledges that it shall not make any claims against the Employer arising out of or in connection with this Variation Agreement No. 077 or in any way argue or use the fact or the terms of this Variation Agreement No. 077 in a prejudicial way against the Employer or in support of any claims or future actions. The Contractor further agrees and acknowledges that the Employer's agreement to this Variation Agreement No. 077 and the accommodation to the Contractor provided herein is not and shall not be deemed to be an agreement to grant or otherwise provide any similar or other financial accommodation as may be requested by the Contractor on or before the date hereof or in the future. All of the Contractor's existing and ongoing obligations as to the progress of the Works remain unaffected.

4. The Parties agree that the Contractor shall have no claims for additional time or money or any other relief or entitlement of any kind as a consequence of this Variation Agreement No. 077 or arising out of it, or in any way in connection with it.
5. Further, the Contractor's obligations to complete the Works and comply with the Contract remain in all respects unaffected and nothing within this Variation Agreement No. 077 is intended to be a waiver or relaxation of the Contractor's obligations under the Contract, save only as expressly stated herein and the Contract shall remain fully effective as varied herein and the Contract shall have effect as though the provisions contained in this Variation Agreement No. 077 had been originally contained in the Contract. Any ambiguity or uncertainty in the meaning and effect of this Variation Agreement No. 077 shall be resolved in favour of the Employer.
6. This Variation Agreement No. 077 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.
7. The Parties agree to amend Sub-Clause 1.1 [*Definitions*] of the Contract as follows:

The Parties agree to add the following definitions to Sub-Clause 1.1 [*Definitions*] of the Contract under the Sub-Clause 1.1.6 [*Other Definitions*] (which shall be added in proper alphabetical order but without any number):

"Electrical Systems Materials" means grounding (as specified in Section 26 05 26 [*Grounding and Bonding for Electrical Systems*]), medium voltage equipment (as specified in Sections 26 13 00 [*Medium Voltage Switchgear*], 26 05 13 [*Medium Voltage Cables*], and 26 12 19 [*Pad Mounted Liquid Filled Medium Voltage Transformer*]), dry type transformers (as specified in Section 26 22 00 [*Dry Type Transformers*]), direct current equipment (as specified in Section 26 33 00 [*Direct Current Equipment*]), outdoor lighting and indoor lighting (as specified in Section 26 50 00 [*Lighting Systems*]), and electrical and control cabling system, cabletrays and lightning systems (as specified in Sections 26 20 00 [*Electrical Low*



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Voltage Distribution Work], 26 24 19 [*Motor Control Centers*], 26 29 23 [*Variable Frequency Drive*], 26 41 16 [*Lightning Prevention and Dissipation Systems*], and 26 05 43 [*Underground Ducts and Raceways for Electrical Systems*]), and as set out in Appendix 1 to Variation Agreement No. 077.

"Variation Agreement No. 077" means Variation Agreement Number 077, dated 22nd of August 2013 between the Employer and the Contractor."

8. The Parties agree to add new Sub-Clauses 14.5.1.7, 14.5.1.8 and 14.5.1.9 [*Plant and Materials Intended for the Works*] to the Contract as follows:

"14.5.1.7 The Contractor shall be paid progress payments in respect of Electrical Systems Materials, as set out in Appendix 1 of Variation Agreement No. 077 and as stated herein, once such materials are delivered to, stocked on Site and verified in accordance with the material receipt inspection report quality assurance document, and in all respects subject to the other terms and provisions of the Contract. The Employer and the Contractor acknowledge the revised electrical systems price breakdown schedule, schedule of payments and budget changes proposal in respect of Electrical Systems Materials pursuant to this Sub-Clause 14.5.1.7 as shown in Appendices 1, 2 and 3 respectively to Variation Agreement No. 077 although both the Employer and the Contractor agree that, notwithstanding such revised electrical systems price breakdown, schedule of payments and budget changes proposal, the Contractor shall be paid for Electrical Systems Materials according to its actual progress against the revised Current Programme which shall include the new activities in respect of delivery to Site, stocking on Site and verification of Electrical Systems Materials in accordance with the material receipt inspection report quality assurance document, and in all respects subject to the other terms and provisions of the Contract.

14.5.1.8 In assessing and certifying payments in respect of Electrical Systems Materials delivered to Site as aforesaid, the Contractor shall, in addition to establishing that the required properties of the Electrical Systems Materials are in all respects in accordance with Sections 26 05 26 [*Grounding and Bonding for Electrical Systems*], 26 13 00 [*Medium Voltage Switchgear*], 26 05 13 [*Medium Voltage Cables*], 26 12 19 [*Pad Mounted Liquid Filled Medium Voltage Transformer*], 26 22 00 [*Dry Type Transformers*], 26 33 00 [*Direct Current Equipment*], 26 50 00 [*Lighting Systems*], 26 20 00 [*Electrical Low Voltage Distribution Work*], 26 24 19 [*Motor Control Centers*], 26 29 23 [*Variable Frequency Drive*], 26 41 16 [*Lightning Prevention and Dissipation Systems*], and 26 05 43 [*Underground Ducts and Raceways for Electrical Systems*] of the Employer's Requirements, and in all respects subject to the other terms and conditions of the Contract, provide verification that the Contractor has delivered the Electrical Systems Materials in accordance with the material receipt inspection report quality assurance document, and in all



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respects subject to the other terms and provisions of the Contract, and has claimed in a Statement amounts owed to the Contractor in relation to such materials. Certification and payment in respect of Electrical Systems Materials in accordance with Sections 26 05 26 [*Grounding and Bonding for Electrical Systems*], 26 13 00 [*Medium Voltage Switchgear*], 26 05 13 [*Medium Voltage Cables*], 26 12 19 [*Pad Mounted Liquid Filled Medium Voltage Transformer*], 26 22 00 [*Dry Type Transformers*], 26 33 00 [*Direct Current Equipment*], 26 50 00 [*Lighting Systems*], 26 20 00 [*Electrical Low Voltage Distribution Work*], 26 24 19 [*Motor Control Centers*], 26 29 23 [*Variable Frequency Drive*], 26 41 16 [*Lightning Prevention and Dissipation Systems*], and 26 05 43 [*Underground Ducts and Raceways for Electrical Systems*] of the Employer's Requirements and Appendix 2 to Variation Agreement No. 077, and in all respects subject to the other terms and provisions of the Contract, shall not be due under the Contract unless such matters are first established to the satisfaction of the Employer's Representative and in accordance with Contract Requirements.

14.5.1.9 The Contractor may submit to the Employer one extraordinary application for payment in a form acceptable to the Employer of an amount that the Contractor considers it is entitled to be paid for the Electrical Systems Materials pursuant to Sub-Clauses 14.5.1.7 and 14.5.1.8 for the period up to 21 July 2013 only. Subject to the Contractor's compliance with the terms of Sub-Clauses 14.5.1.7 and 14.5.1.8, the Employer shall make payment of the amount which the Employer considers is due for the Electrical System Materials within ten (10) days of receipt of the Contractor's extraordinary payment application provided for in this Sub-Clause 14.5.1.9."

9. For the purposes of this Variation Agreement No. 077, the Parties hereby agree that the Employer shall perform an audit of the amounts paid by the Contractor to any of its suppliers in relation to the Electrical Systems Materials, 45 days after any Interim Payment Certificate relating to the Electrical Systems Materials has been paid to the Contractor. The purpose of the audit is to confirm that the Contractor has made all payments related to the Electrical Systems Materials and that there are no outstanding amounts to be paid to the suppliers in connection with such materials, and that such materials have been delivered to the Site. The Contractor will promptly provide the following documentation during the audit:

- (a) spreadsheets detailing the payments made by the Contractor to the supplier, including the name of such supplier, relevant subcontract or purchase order number, subcontract or purchase order amount, invoice number, invoice dates and invoice amount;
- (b) invoices duly stamped by authorized personnel of the Contractor evidencing the receipt of the relevant material or service on Site referenced to the Contract or any other certification that the material was received on the Site;



- (c) proof of payment by the Contractor to the supplier such as a bank wire transfer or bank debit note. If the supplier is located in Panama, if payment was made by check, the Contractor shall send a copy of said check to the Employer;
 - (d) confirmation of payment from the supplier such as a receipt, certification from the supplier or bank certification of the transfer being credited to the supplier's account that such supplier has received all amounts due to it in respect of the Electrical Systems Materials and that no such amounts remain outstanding; and
 - (e) such other evidence or substantiation that may be reasonably required by the Employer's Representative in order to validate the payment of the same.
10. For the purposes of this Variation Agreement No. 077, if the Contractor fails to provide to the Employer any of the documents listed in Clause 9 above within 45 days after any Interim Payment Certificate relating to the Electrical Systems Materials has been paid to the Contractor, the Employer's Representative may, in any subsequent Interim Payment Certificate make any correction, modification or adjustment as it deems necessary including deducting the value of any payment made to the Contractor pursuant to Sub-Clauses 14.5.1.7, 14.5.1.8 and 14.5.1.9 in relation to which the required documentation has not been provided in accordance with Clause 9 above.
11. Where the Employer wishes to make a deduction from a subsequent Payment Certificate in accordance with Clause 10 above but there are insufficient sums due to the Contractor, the Employer may:
- (a) deduct such sums from any subsequent Payment Certificate, in addition to any amount due to be deducted in such subsequent Payment Certificate; and/or
 - (b) require payment of an amount equivalent to such sums from the Contractor, in which case the Contractor shall within 21 days of written request from the Employer, make payment of such amount to the Employer and/or the Employer may recover such amount as a debt due from the Contractor to the Employer. Payment of any amount due from the Contractor to the Employer pursuant to this sub-paragraph (b) shall be made by electronic transfer of funds to the bank account nominated by the Employer.
12. Notwithstanding the terms of Sub-Clauses 14.5.1.7, 14.5.1.8 and 14.5.1.9 of the Contract, the Contractor shall submit to the Employer a copy of the updated Current Programme for the month of August 2013 which shall include a list of the activities related to this Variation Agreement No. 077 as listed in Appendix 1 to this Variation Agreement No. 077, the start and finish dates, the budget and the activity IDs, no later than seven days after August 25, 2013. The Current Programme



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shall be verified by the Employer in accordance with this Clause 12. If the Contractor fails to provide the Current Programme to the Employer in accordance with this Clause 12, the Employer may:

- (a) deduct such sums paid to the Contractor in relation to the Electrical Systems Materials pursuant to Sub-Clauses 14.5.1.7, 14.5.1.8 and 14.5.1.9 of the Contract, from any subsequent Payment Certificate, in addition to any amount due to be deducted in such subsequent Payment Certificate; and/or
 - (b) require payment of an amount equivalent to such sums from the Contractor, in which case the Contractor shall within 21 days of written request from the Employer, make payment of such amount to the Employer and/or the Employer may recover such amount as a debt due from the Contractor to the Employer. Payment of any amount due from the Contractor to the Employer pursuant to this sub-paragraph (b) shall be made by electronic transfer of funds to the bank account nominated by the Employer.
13. For the avoidance of any doubt, the Parties acknowledge and agree that the Current Programme shall reflect an adjustment to the progress payments that shall be paid to the Contractor in respect of Electrical Systems Materials for installation, commissioning and ACP training as a consequence of the Contractor's requests for progress payments on delivery of the Electrical Systems Materials in RFV No. 0195 dated June 26, 2013, as shown in Appendix 1 of this Variation Agreement No. 077. The Parties further acknowledge and agree that progress payments for the installation, commissioning and ACP training of Electrical Systems Materials shall be payable in accordance with the terms of the Contract by reference to the estimated contract value of the Works executed pursuant to Sub-Clause 14.3.3(a).
14. Nothing in this Variation Agreement No. 077 is intended to or does give the Contractor any greater entitlement in respect of payment for Electrical Systems Materials than was included within the original Contract Price and thus nothing in this Variation Agreement No. 077 is intended to or does increase the Contract Price or the sum due to the Contractor in respect of Electrical Systems Materials.
15. The Parties acknowledge and agree that the Employer's rights in relation to the processing of Interim Payments including but not limited to under Sub-Clause 14.6 [*Issue of Interim Payment Certificates*] and Sub-Clause 14.7 [*Payment*] remain unaffected by this Variation Agreement No. 077.
16. The parties acknowledge and agree that this Variation Agreement No. 077 dated 22nd of August 2013 represents the whole and only agreement between the parties as regards the subject matter of Variation Agreement No. 077 and supersedes any previous drafts or versions of Variation Agreement No. 077 notwithstanding the fact that any such draft or version has been signed by the parties.



In Witness whereof the Parties hereto have caused this Variation Agreement No. 077 to the Contract to be executed on the 22nd day of August of the year 2013 by their duly authorized representatives.

For ACP



Jorge de la Guardia
Employer's Representative

For GUPCSA



Bernardo Gonzalez
Contractor's Representative

Refers to RFV 0195 - APPENDIX 1 - PRICE BREAKDOWN OF THE "ELECTRICAL SYSTEMS" - ITEMS 2.3.1.13 AND 2.3.2.13 OF THE CONTRACT SCHEDULE OF PROJECT ELEMENTS AND PRICES - Aug.05, 2013

Electrical Systems [E.30.21(31).13]	Supply and Delivery	Total Work (\$)		Supply (\$)		Install (\$)		Commisioning (\$)		ACP Training (\$)	
		108,248,140	100.0%	74,241,867	68.6%	29,027,499	26.8%	4,471,971	4.1%	506,803	0.5%
Percentage related to the supply				100%		39%		6%		1%	
Grounding	Paige	4,586,321	100.0%	1,678,593	36.6%	2,907,727	63.4%	0	0.0%	0	0.0%
Medium Voltage Equipment		47,370,422	100.0%	33,159,296	70.0%	11,935,972	25.2%	2,043,560	4.3%	231,594	0.5%
Motor Control Center	Eaton	16,861,538	100.0%	11,803,077	70.0%	4,248,618	25.2%	727,407	4.3%	82,436	0.5%
Variable Frequency Drive	Eaton	3,507,883	100.0%	2,455,518	70.0%	883,885	25.2%	151,330	4.3%	17,150	0.5%
Pad Mounted Transformer	Eaton	5,892,725	100.0%	4,124,908	70.0%	1,484,796	25.2%	254,212	4.3%	28,810	0.5%
Medium Voltage Switchgear	Eaton	17,527,570	100.0%	12,269,299	70.0%	4,416,439	25.2%	756,139	4.3%	85,692	0.5%
Power Racks & Control Panels Non Segregated Phase Bus	Eaton	3,580,707	100.0%	2,506,495	70.0%	902,234	25.2%	154,472	4.3%	17,506	0.5%
Dry Type Transformers	Eaton	1,840,218	100.0%	1,288,153	70.0%	463,682	25.2%	79,387	4.3%	8,997	0.5%
Direct Current Equipment	EIASA	12,448,536	100.0%	8,713,975	70.0%	3,136,670	25.2%	537,030	4.3%	60,861	0.5%
Outdoor Ligthing	Philips	8,118,611	100.0%	5,683,027	70.0%	2,045,654	25.2%	350,237	4.3%	39,692	0.5%
Indoor Lighting	TBD	2,423,722	100.0%	1,696,606	70.0%	610,708	25.2%	104,559	4.3%	11,850	0.5%
Electrical & Control Cabling System	Centelsa	28,144,516	100.0%	19,701,162	70.0%	7,091,602	25.2%	1,214,154	4.3%	137,599	0.5%
Cabletrays	TBD	1,155,869	100.0%	809,108	70.0%	291,245	25.2%	49,864	4.3%	5,651	0.5%
Lightning System	TBD	2,159,925	100.0%	1,511,947	70.0%	544,238	25.2%	93,179	4.3%	10,560	0.5%

Refers to RFV 0195 - APPENDIX 2 -SCHEDULE OF PAYMENTS - Aug.05, 2013

Side	Progress	Description	Drawings references (summary)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commissioning (\$)	ACP Training (\$)	TOTAL 2013	Ene 13	Feb 13	Mar 13	Abr 13	May 13	Jun 13	Jul 13	Ago 13	Sep 13	Oct 13	Nov 13	Dic 13		
1																											
Electrical Systems [E.30.21(31).13]					100.00%		108,248,140	108,248,140	74,241,867	29,027,499	4,471,971	506,803	57,000,496	1,678,593	0	0	5,871,715	8,019,604	80,000	9,326,921	3,224,532	2,175,555	7,267,602	8,251,170	11,104,803		
Grounding					4.24%		4,586,321	4,586,321	1,678,593	2,907,727	0	0	3,803,517	1,678,593	0	0	0	1,564,922	80,000	80,000	80,000	80,000	80,000	80,000	80,000		
Atlantic	Delivery	Grounding cable and accessories	5806-A-C-E-0231 5806-A-C-E-0244 5806-A-C-E-0251	PAIGE	36.60%	49.74%	834,932		100.00%				21.95%	100.00%													
	63.40%						834,932				834,932																
								100.00%																			
							1,446,304																				
Commisioning										0				0.00%		0.00%											
ACP Training											0.00%	0	0.00%														
Pacific	Delivery	Grounding cable and accessories	5806-A-C-E-0231 5806-A-C-E-0244 5806-A-C-E-0251	PAIGE	36.60%	50.26%	843,661		100.00%				22.18%	100.00%													
	63.40%						843,661				843,661																
								100.00%																			
							1,461,424																				
Commisioning										0				0.00%		0.00%											
ACP Training											0.00%	0	0.00%														
Medium Voltage Equipment					43.76%		47,370,422	47,370,422	33,159,296	11,935,972	2,043,560	231,594	31,328,080	0	0	0	5,871,715	6,454,683	0	1,188,453	2,629,270	2,095,554	3,845,982	4,870,423	4,372,001		
Atlantic	Delivery		5806-A-V-E-3001, 5806-A-C-E-1051, 5806-A-C-E-1055	EATON	70.00%	50.00%	16,579,648		100.00%				48.92%	0.00%	0.00%	0.00%	28.07%	14.35%	0.00%	3.47%	9.24%	5.24%	14.20%	11.26%	6.60%		
	25.20%						16,579,648				15,326,400	0	0	0	4,654,538	2,379,854	0	574,573	1,532,640	869,443	2,354,240	1,866,899	1,094,213				
								100.00%			2,166	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.54%	3.85%	4.92%			
							5,967,986				675,279	0	0	0	0	0	0	0	0	0	0	151,681	229,709	293,890			
Commisioning										1,021,780		100.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ACP Training										1,021,780		0	0	0	0	0	0	0	0	0	0	0	0	0			
Pacific	Delivery		5806-A-V-E-3001, 5806-A-C-E-1051, 5806-A-C-E-1055	EATON	70.00%	50.00%	16,579,648		100.00%				48.92%	0.00%	0.00%	0.00%	7.34%	24.58%	0.00%	3.70%	6.61%	7.40%	8.08%	16.73%	18.00%		
	25.20%						16,579,648				15,326,400	0	0	0	1,217,177	4,074,828	0	613,879	1,096,630	1,226,112	1,340,061	2,773,815	2,983,898				
								100.00%			2,166	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
							5,967,986				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Commisioning										1,021,780		100.00%				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ACP Training										1,021,780		0	0	0	0	0	0	0	0	0	0	0	0	0			
Motor Control Center					35.60%		16,861,538	16,861,538	11,803,077	4,248,618	727,407	82,436	12,133,874	0	0	0	2,236,535	0	0	0	1,121,292	767,200	1,254,701	2,532,304	4,221,842		
Atlantic	Delivery		5806-A-V-E-3001, 5806-A-C-E-1051, 5806-A-C-E-1055	EATON	70.00%	50.00%	5,901,538		100.00%				18.84%				31.46%				10.00%	5.00%	20.00%	15.00%	18.54%		
	25.20%						5,901,538				5,901,538				1,856,556							590,154	295,077	1,180,308	885,231	1,094,213	
								100.00%			1,066													3,500	5,300	6,770	
							2,124,309				330,797													74,393	112,673	143,731	
Commisioning										363,703		100.00%				0.00%											
ACP Training										363,703		0															
Pacific	Delivery		5806-A-V-E-3001, 5806-A-C-E-1051, 5806-A-C-E-1055	EATON	70.00%	50.00%	5,901,538		100.00%				18.84%				6.44%				9.00%	8.00%		26.00%	50.56%		
	25.20%						5,901,538				5,901,538				379,979								531,138	472,123		1,534,400	2,983,898
								100.00%			2,124,309																
								100.00%			0																
Commisioning										363,703		100.00%				0.00%											
ACP Training										363,703		0															
Variable Frequency Drive					7.41%		3,507,883	3,507,883	2,455,518	883,885	151,330	17,150	2,455,518	0	0	0	0	0	0	982,207	196,441	159,609	613,879	503,381	0		
Atlantic	Delivery		5806-A-V-E-6001, 5806-A-C-E-1001	EATON	70.00%	50.00%	1,227,759		100.00%				3.92%							30.00%	10.00%	5.00%	40.00%	15.00%			
	25.20%						1,227,759				1,227,759											368,328	122,776	61,388	491,104	184,164	
								100.00%			441,942																
Commisioning										75,665		100.00%				0.00%											
ACP Training										75,665		0.00%															
Pacific	Delivery		5806-A-V-E-6001, 5806-A-C-E-1001	EATON	70.00%	50.00%	1,227,759		100.00%				3.92%							50.00%	6.00%	8.00%	10.00%	26.00%			
	25.20%						1,227,759				1,227,759											613,879	73,666	98,221	122,776	319,217	
								100.00%			441,942																
								100.00%			0																
Commisioning										75,665		100.00%				0.00%											
ACP Training										75,665		0.00%															

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Side	Progress	Description	Drawings references (Accessories)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commisioning (\$)	ACP Training (\$)	
								1					
Electrical Systems [E.30.21(31).13]					100.00%		108,248,140	108,248,140	74,241,867	29,027,499	4,471,971	506,803	
Grounding					4.24%		4,586,321	4,586,321	1,678,593	2,907,727	0	0	
Atlantic	Delivery	Grounding cable and accessories	5806-A-C-E-0231 5806-A-C-E-0244 5806-A-C-E-0251	PAIGE	36.60%	49.74%	834,932		100.00%				
	Install				63.40%			834,932		100.00%			
	Commisioning							1,446,304		1,446,304		0.00%	
	ACP Training							0		0		0.00%	
Pacific	Delivery				36.60%		843,661		100.00%				
	Install				63.40%		1,461,424		100.00%				
	Commisioning				50.26%		0		0.00%		0		
	ACP Training										0.00%	0	
Medium Voltage Equipment					43.76%		47,370,422	47,370,422	33,159,296	11,935,972	2,043,560	231,594	
Atlantic	Delivery			EATON	70.00%	50.00%	16,579,648		100.00%				
	Install				25.20%			16,579,648		100.00%			
	Commisioning				4.31%			5,967,986		5,967,986		100.00%	
	ACP Training							1,021,780		1,021,780		100.00%	
Pacific	Delivery				70.00%		16,579,648		100.00%				
	Install				25.20%		5,967,986		100.00%				
	Commisioning				4.31%		1,021,780		100.00%		1,021,780		
	ACP Training				0.49%		115,797				100.00%	115,797	
Motor Control Center					35.60%		16,861,538	16,861,538	11,803,077	4,248,618	727,407	82,436	
Atlantic	Delivery	Electrical equipment included in ER 261300, ER261219, ER262419, ER262200	5806-A-V-E-3001, 5806-A-C-E-1051,5806-A-C-E-1055	EATON	70.00%	50.00%	5,901,538		100.00%				
	Install				25.20%			5,901,538		100.00%			
	Commisioning				4.31%			2,124,309		2,124,309		100.00%	
	ACP Training							363,703		363,703		100.00%	
Pacific	Delivery				70.00%		5,901,538		100.00%				
	Install				25.20%		2,124,309		100.00%				
	Commisioning				4.31%		363,703		100.00%		363,703		
	ACP Training				0.49%		41,218				100.00%	41,218	
Variable Frequency Drive					7.41%		3,507,883	3,507,883	2,455,518	883,885	151,330	17,150	
Atlantic	Delivery	Electrical equipment included in ER 261300, ER261219, ER262419, ER262200	5806-A-V-E-6001, 5806-A-C-E-1001	EATON	70.00%	50.00%	1,227,759		100.00%				
	Install				25.20%			1,227,759		100.00%			
	Commisioning				4.31%			441,942		441,942		100.00%	
	ACP Training							75,665		75,665		100.00%	
Pacific	Delivery				70.00%		1,227,759		100.00%				
	Install				25.20%		441,942		100.00%				
	Commisioning				4.31%		75,665		100.00%		75,665		
	ACP Training				0.49%		8,575				100.00%	8,575	

TOTAL 2014	Ene 14	Feb 14	Mar 14	Abr 14	May 14	Jun 14	Jul 14	Ago 14	Sep 14	Oct 14	Nov 14	Dic 14
39,197,075	4,454,090	5,697,741	8,111,892	4,188,930	4,316,756	2,776,247	1,940,131	1,710,889	1,676,393	1,499,407	1,395,428	1,429,172
782,804	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	62,801	0	0
0.00%												
0												
45.64%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.20%		
357,237	36,157.59	36,157.59	36,157.59	36,157.59	36,157.59	36,157.59	36,157.59	36,157.59	36,157.59	31,818.68		
0.00%												
0												
0.00%												
0												
0.00%												
0												
0.00%												
0												
8,023,294	793,242	804,219	927,551	935,401	771,347	819,474	629,697	559,630	502,642	497,670	349,884	432,536
15.62%	0.00%	0.00%	7.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1,253,247	0	0	1,253,247	0	0	0	0	0	0	0	0	0
56.00%	7.03%	6.25%	9.20%	9.33%	7.03%	7.83%	8.47%	5.70%	5.07%	5.26%	2.84%	1.26%
4,492,910	419,742	373,273	549,195	557,045	419,508	467,390	505,324	340,214	302,766	313,651	169,773	75,030
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0
15.62%	0.00%	0.00%	7.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1,253,247	0	0	1,253,247	0	0	0	0	0	0	0	0	0
53.84%	6.26%	7.22%	6.34%	6.34%	5.90%	7.03%	3.22%	5.94%	5.62%	5.73%	5.66%	7.12%
4,319,838	373,501	430,946	378,356	378,356	351,839	419,751	192,040	354,752	335,211	341,910	338,003	425,174
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0	0	0	0	0	0	0	0	0	0	0	0	0
3,211,048	285,024	288,744	346,091	360,536	289,104	318,275	235,567	267,796	261,593	256,970	134,793	166,554
0.00%												
0												
20.91%	6.65%	5.78%	9.43%	10.11%	7.23%	7.37%	7.61%	7.40%	7.46%	7.12%	1.44%	1.36%
1,677,949	141,203	122,785	200,428	214,874	153,662	156,668	161,607	157,199	158,580	151,357	30,696	28,891
0.00%												
0												
0.00%												
0												
0.00%												
0												
19.11%	6.77%	7.81%	6.86%	6.86%	6.38%	7.61%	3.48%	5.21%	4.85%	4.97%	4.90%	6.48%
1,533,099	143,821	165,959	145,663	145,663	135,443	161,607	73,960	110,597	103,013	105,613	104,097	137,664
0.00%												
0												
0.00%												
0												
670,556	87,373	83,140	96,595	74,984	60,130	61,773	49,151	38,035	25,364	31,341	28,020	34,650
0.00%												
0												
4.38%	13.00%	11.00%	15.00%	10.11%	7.23%	6.37%	7.64%	3.40%	0.89%	2.12%	1.44%	1.36%
351,609	57,453	48,614	66,291	44,680	31,952	28,152	33,764	15,026	3,933	9,369	6,364	6,010
0.00%												
0												
0.00%												
0												
0.00%												
0												
0.00%												
0												
3.98%	6.77%	7.81%	6.86%	6.86%	6.38%	7.61%	3.48%	5.21%	4.85%	4.97%	4.90%	6.48%
318,947	29,921	34,526	30,304	30,304	28,178	33,621	15,387	23,009	21,431	21,972	21,656	28,640
0.00%												
0												
0.00%												
0												

Side	Progress	Description	Drawings references (if available)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commisioning (\$)	ACP Training (\$)
	Direct Current Equipment				11.50%		12,448,536	12,448,536	8,713,975	3,136,670	537,030	60,861
Atlantic	Delivery	DC equipment included in ER 26 33 00	5806-P-C-E-8011 (-8012-8013)	EIASA	70.00%	49.98%	4,354,992		100.00%			
					4,354,992							
	Install				25.20%			1,567,617		100.00%		
	Commisioning				4.31%			268,392		100.00%		
	ACP Training				0.49%			30,417			100.00%	30,417
Pacific	Delivery				70.00%	50.02%	4,358,983		100.00%			
					25.20%							
	Install						1,569,053		100.00%			
	Commisioning	4.31%		268,638			100.00%					
	ACP Training	0.49%		30,444				100.00%	30,444			
	Outdoor Ligthting				7.50%		8,118,611	8,118,611	5,683,027	2,045,654	350,237	39,692
Atlantic	Delivery	Outdoor lighting equipment included in ER 26 50 00	typ. 5806-P-C-E-0701 to 704	PHILIPS	70.00%	50.00%	2,841,514		100.00%			
							2,841,514					
	Install				25.20%			1,022,827		100.00%		
	Commisioning				4.31%			175,118		100.00%		
	ACP Training				0.49%			19,846			100.00%	19,846
Pacific	Delivery				70.00%	50.00%	2,841,514		100.00%			
					25.20%							
	Install						1,022,827		100.00%			
	Commisioning	4.31%		175,118			100.00%					
	ACP Training	0.49%		19,846				100.00%	19,846			
	Indoor Lighting				2.24%		2,423,722	2,423,722	1,696,606	610,708	104,559	11,850
Atlantic	Delivery	Indoor lighting equipment included in ER 26 50 01	Building drwgs	TBD	70.00%	50.00%	848,303		100.00%			
							848,303					
	Install				25.20%			305,354		100.00%		
	Commisioning				4.31%			52,280		100.00%		
	ACP Training				0.49%			5,925			100.00%	5,925
Pacific	Delivery				70.00%	50.00%	848,303		100.00%			
					25.20%							
	Install						305,354		100.00%			
	Commisioning	4.31%		52,280			100.00%					
	ACP Training	0.49%		5,925				100.00%	5,925			
	Electrical & Control Cabling System				26.00%		28,144,516	28,144,517	19,701,162	7,091,602	1,214,154	137,599
Atlantic	Delivery	Cabling	5806 - A - C - E 1001	CENTELSA	70.00%	50.00%	9,850,581		100.00%			
							9,850,581					
	Install				25.20%			3,545,801		100.00%		
	Commisioning				4.31%			607,077		100.00%		
	ACP Training				0.49%			68,799			100.00%	68,799
Pacific	Delivery				70.00%	50.00%	9,850,581		100.00%			
					25.20%							
	Install						3,545,801		100.00%			
	Commisioning	4.31%		607,077			100.00%					
	ACP Training	0.49%		68,799				100.00%	68,799			

TOTAL 2014	Ene 14	Feb 14	Mar 14	Abr 14	May 14	Jun 14	Jul 14	Ago 14	Sep 14	Oct 14	Nov 14	Dic 14
10,208,184	1,137,143	1,272,585	2,438,410	1,130,715	2,002,512	259,717	259,717	259,717	259,717	259,717	259,874	668,360
42.86%	20.00%	20.00%	20.00%	20.00%	20.00%							
4,354,992	870,998	870,998	870,998	870,998	870,998							
15.36%	8.64%	17.28%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.23%	8.24%	
1,567,617	135,442.08	270,884.16	129,014.85	129,014.85	129,014.85	129,014.85	129,014.85	129,014.85	129,014.85	129,014.85	129,171.61	
2.63%												100.00%
268,392												268,392
0.00%												
0												
21.35%			30.00%		20.00%							
2,179,492			1,307,695		871,797							
15.37%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.37%
1,569,053	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	130,702.15	131,329.77
2.63%												100.00%
268,638												268,638
0.00%												
0												
5,966,808	966,115	966,115	966,115	966,115	852,452	96,555	192,189	192,189	192,189	192,189	192,292	192,292
39.53%	17.00%	17.00%	17.00%	17.00%	15.00%							
2,358,456	483,058	483,058	483,058	483,058	426,226							
9.62%							9.35%	9.35%	9.35%	9.35%	9.35%	9.35%
573,806							95,634	95,634	95,634	95,634	95,634	95,634
0.00%												
0												
0.00%												
0												
39.53%	17.00%	17.00%	17.00%	17.00%	15.00%							
2,358,456	483,058	483,058	483,058	483,058	426,226							
11.33%							9.44%	9.44%	9.44%	9.44%	9.44%	9.45%
676,089							96,555	96,555	96,555	96,555	96,555	96,657
0.00%												
0												
0.00%												
0												
2,365,675	482,199	1,036,920	130,569	498,963	74,659	5,191	5,191	5,191	5,191	5,191	104,559	11,850
35.86%	50.00%			50.00%								
848,303	424,151			424,151								
10.45%	19.01%	38.02%	19.01%		0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	0.70%	
247,306	58,048	116,096	58,048	2,290	2,137	2,137	2,137	2,137	2,137	2,137		
2.21%											100.00%	
52,280											52,280	
0.25%												100.00%
5,925												5,925
35.86%		100.00%										
848,303		848,303										
12.91%		23.75%	23.75%	23.75%	23.75%	1.00%	1.00%	1.00%	1.00%	1.00%		
305,354		72,522	72,522	72,522	72,522	3,054	3,054	3,054	3,054	3,054		
2.21%											100.00%	
52,280											52,280	
0.25%												100.00%
5,925												5,925
8,794,754	752,774	717,316	3,482,790	506,340	467,337	527,615	589,312	440,388	482,938	376,919	356,353	94,673
33.60%			30.00%									
2,955,174			2,955,174									
33.07%	14.00%	13.00%		7.48%	6.38%	7.23%	10.24%	6.04%	5.97%	2.13%	1.45%	1.31%
2,908,621	496,412	460,954	241,114	265,226	226,222	256,361	363,090	214,166	211,684	75,526	51,414	46,450
0.00%												
0												
0.00%												
0												
0.00%												
0												
33.33%	7.23%	7.23%	8.08%	6.80%	6.80%	7.65%	6.38%	6.38%	7.65%	8.50%	8.60%	1.36%
2,930,959	256,361	256,361	286,501	241,114	241,114	271,254	226,222	226,222	271,254	301,393	304,939	48,223
0.00%												
0												
0.00%												
0												

Side	Progress	Description	Drawings references (summary)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commisioning (\$)	ACP Training (\$)	TOTAL 2015	Ene 15	Feb 15	Mar 15	Abr 15	May 15	Jun 15	Jul 15	Ago 15	Sep 15	Oct 15	Nov 15	Dic 15	
	Pad Mounted Transformer				12.44%		5,892,725	5,892,725	4,124,908	1,484,796	254,212	28,810	632,177	77,295	59,311	4,677	490,893	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Electrical equipment included in ER 261300, ER261219; ER262419, ER262200	5806-A-V-E-1001, 5806-A-C-E-1001	EATON	70.00%	50.00%	2,062,454		100.00%				0.00%													
							2,062,454				0															
	Install				25.20%		742,398			100.00%			3.21%	1.66%	1.91%	0.63%	15.00%									
	Commisioning				4.31%		127,106			742,398			142,540	12,324	14,180	4,677	111,360									
	ACP Training				0.49%		14,405				127,106		127,106				127,106									
							14,405				100.00%	14,405	14,405				14,405									
Pacific	Delivery				70.00%	50.00%	2,062,454		100.00%				0.00%													
								2,062,454				0														
	Install				25.20%		742,398			100.00%			4.66%	8.75%	6.08%		13.00%									
	Commisioning				4.31%		127,106			742,398	100.00%		206,615	64,972	45,131		96,512									
	ACP Training				0.49%		14,405				127,106		127,106				127,106									
							14,405				100.00%	14,405	14,405				14,405									
	Medium Voltage Switchgear				37.00%		17,527,570	17,527,570	12,269,299	4,416,439	756,139	85,692	1,907,739	229,876	176,437	41,294	1,460,133	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Electrical equipment included in ER 261300, ER261219; ER262419, ER262200	5806-A-V-E-2001, 5806-A-C-E-1005, 5806-A-C-E-1007	EATON	70.00%	50.00%	6,134,649		100.00%				0.00%													
								6,134,649				0														
	Install				25.20%		2,208,220			100.00%			10.17%	1.66%	1.91%	1.87%	15.00%									
	Commisioning				4.31%		378,070			2,208,220	100.00%		451,360	36,656	42,177	41,294	331,233									
	ACP Training				0.49%		42,846				378,070		378,070				378,070									
							42,846				100.00%	42,846	42,846				42,846									
Pacific	Delivery				70.00%	50.00%	6,134,649		100.00%				0.00%													
								6,134,649				0														
	Install				25.20%		2,208,220			100.00%			13.85%	8.75%	6.08%		13.00%									
	Commisioning				4.31%		378,070			2,208,220	100.00%		614,548	193,219	134,260		287,069									
	ACP Training				0.49%		42,846				378,070		378,070				378,070									
							42,846				100.00%	42,846	42,846				42,846									
	Power Racks & Control Panels Non Segregated Phase Bus Duct				7.56%		3,580,707	3,580,707	2,506,495	902,234	154,472	17,506	284,757	67,668	0	0	217,089	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Electrical equipment included in ER 261300, ER261219; ER262419, ER262200	5806-A-V-E-2001, 5806-A-C-E-1005, 5806-A-C-E-1007	EATON	70.00%	50.00%	1,253,247		100.00%				0.00%													
								1,253,247				0														
	Install				25.20%		451,117			100.00%			0.00%													
	Commisioning				4.31%		77,236			451,117	100.00%		5.09%				100.00%									
	ACP Training				0.49%		8,753				77,236	100.00%	77,236				77,236									
							8,753				100.00%	8,753	8,753				8,753									
Pacific	Delivery				70.00%	50.00%	1,253,247		100.00%				0.00%													
								1,253,247				0														
	Install				25.20%		451,117			100.00%			7.44%	15.00%			10.00%									
	Commisioning				4.31%		77,236			451,117	100.00%		112,779	67,668			45,112									
	ACP Training				0.49%		8,753				77,236		77,236				77,236									
							8,753				100.00%	8,753	8,753				8,753									
	Dry Type Transformers				1.70%		1,840,218	1,840,218	1,288,153	463,682	79,387	8,997	125,681	0	0	0	125,681	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Dry type transformers included in ER 26 22 00	5806-A-V-E-5002, 5806-P-V-E-5006, 5806-A-C-E-1051, 5806-A-C-E-1052	EATON	70.00%	49.98%	643,781		100.00%				0.00%													
								643,781				0														
	Install				25.20%		231,735			100.00%			0.00%													
	Commisioning				4.31%		39,675			231,735	100.00%		31.57%				100.00%									
	ACP Training				0.49%		4,496				39,675	100.00%	39,675				39,675									
							4,496				100.00%	4,496	4,496				4,496.35									
Pacific	Delivery				70.00%	50.02%	644,371		100.00%				0.00%													
								644,371				0														
	Install				25.20%		231,947			100.00%			29.68%				16.08%									
	Commisioning				4.31%		39,712			231,947	100.00%		37,297				37,297.08									
	ACP Training				0.49%		4,500				39,712		39,712				39,712									
							4,500				100.00%	4,500	4,500				4,500.47									

Side	Progress	Description	Drawings references (if available)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commisioning (\$)	ACP Training (\$)	TOTAL 2015	Ene 15	Feb 15	Mar 15	Abr 15	May 15	Jun 15	Jul 15	Ago 15	Sep 15	Oct 15	Nov 15	Dic 15		
	Direct Current Equipment				11.50%		12,448,536	12,448,536	8,713,975	3,136,670	537,030	60,861	60,861	60,861	0	0	0	0	0	0	0	0	0	0	0		
Atlantic	Delivery	DC equipment included in ER 26 33 00	5806-P-C-E-8011 (-8012-8013)	EIASA	70.00%	49.98%	4,354,992		100.00%				0.00%														
					4,354,992																						
	Install							100.00%																			
							1,567,617																				
	Commisioning								100.00%																		
	ACP Training				0.49%	268,392				100.00%		49.98%	100.00%														
						30,417					30,417	30,417	30,417	30,416.51													
Pacific	Delivery				70.00%	50.02%	4,358,983		100.00%				0.00%														
					4,358,983																						
	Install							100.00%																			
							1,569,053																				
	Commisioning								100.00%																		
					4.31%	268,638				100.00%		0.00%															
						268,638					268,638	0															
	ACP Training				0.49%	30,444					100.00%	50.02%	100.00%														
						30,444					30,444	30,444	30,444.39														
	Outdoor Ligthing				7.50%		8,118,611	8,118,611	5,683,027	2,045,654	350,237	39,692	1,185,688	192,292	192,292	104,328	696,777	0	0	0	0	0	0	0	0		
Atlantic	Delivery	Outdoor lighting equipment included in ER 26 50 00	typ. 5806-P-C-E-0701 to 704	PHILIPS	70.00%	50.00%	2,841,514		100.00%				0.00%														
					2,841,514																						
	Install							100.00%																			
							1,022,827																				
	Commisioning								100.00%																		
	ACP Training				0.49%	175,118				100.00%		175,118															
						19,846					100.00%	19,846	19,846														
						19,846						19,846	19,846														
Pacific	Delivery				70.00%	50.00%	2,841,514		100.00%				0.00%														
					2,841,514																						
	Install							100.00%																			
							1,022,827																				
	Commisioning								100.00%																		
					4.31%	175,118				100.00%		175,118															
						175,118					175,118	175,118															
	ACP Training				0.49%	19,846					100.00%	19,846	19,846														
						19,846						19,846	19,846														
	Indoor Lighting				2.24%		2,423,722	2,423,722	1,696,606	610,708	104,559	11,850	0	0	0	0	0	0	0	0	0	0	0	0	0		
Atlantic	Delivery	Indoor lighting equipment included in ER 26 50 01	Building drwgs	TBD	70.00%	50.00%	848,303		100.00%				0.00%														
					848,303																						
	Install							100.00%																			
							305,354																				
	Commisioning								100.00%																		
	ACP Training				0.49%	52,280				100.00%		0.00%															
						5,925					100.00%	5,925	0														
						5,925						5,925	0														
Pacific	Delivery				70.00%	50.00%	848,303		100.00%				0.00%														
					848,303																						
	Install							100.00%																			
							305,354																				
	Commisioning								100.00%																		
					4.31%	52,280				100.00%		0															
						52,280					52,280	0															
	ACP Training				0.49%						100.00%	0.00%															
						5,925						5,925	0														
	Electrical & Control Cabling System				26.00%		28,144,516	28,144,517	19,701,162	7,091,602	1,214,154	137,599	2,603,775	74,462	78,362	35,458	2,415,493	0	0	0	0	0	0	0	0		
Atlantic	Delivery	Cabling	5806 - A - C - E 1001	CENTELSA	70.00%	50.00%	9,850,581		100.00%				0.00%														
					9,850,581																						
	Install							100.00%																			
							3,545,801																				
	Commisioning								100.00%																		
	ACP Training				0.49%	607,077				100.00%		607,077															
						68,799					100.00%	68,799	68,799														
						68,799						68,799	68,799														
Pacific	Delivery				70.00%	50.00%	9,850,581		100.00%				0.00%														
					9,850,581																						
	Install							100.00%																			
							3,545,801																				
	Commisioning								100.00%																		
					4.31%	607,077				100.00%		607,077															
						607,077					607,077	607,077															
	ACP Training				0.49%						100.00%	2.64%															
						68,799						68,799	68,799														
						68,799						68,799	68,799														

Side	Progress	Description	Drawings references (examples)	Supplier	% Progress	% Side	Income	Total (\$)	Supply (\$)	Install (\$)	Commissioning (\$)	ACP Training (\$)	TOTAL 2015	Ene 15	Feb 15	Mar 15	Abr 15	May 15	Jun 15	Jul 15	Ago 15	Sep 15	Oct 15	Nov 15	Dic 15	
	Cabletrays				1.07%		1,155,869	1,155,869	809,108	291,245	49,864	5,651	55,515	49,864	5,651	0	0	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Cabletrays included in ER 26 05 43	5806-A-C-E-0401, 5806-A-C-E-0402, Typ. 5806-A-AJ-E-0095, 5806-A-AJ-E-0100, 5806-A-AJ-E-0229	PAIGE	70.00%	50.00%	404,554		100.00%				0.00%													
					404,554				0																	
	Install				25.20%				100.00%		0.00%															
							145,623			0																
	Commisioning				4.31%				100.00%		44.91%	100.00%														
	ACP Training				0.49%		24,932			24,932			24,932	24,932												
							2,826					100.00%	2,826		2,825.52											
Pacific	Delivery				70.00%	50.00%	404,554		100.00%				0.00%													
							404,554			0																
	Install				25.20%				100.00%		0.00%															
							145,623			0																
	Commisioning				4.31%				100.00%		44.91%	100.00%														
							24,932			24,932			24,932	24,932												
	ACP Training				0.49%		2,826					100.00%	2,826		100.00%											
															2,825.52											
	Lightning System				2.00%		2,159,925	2,159,925	1,511,947	544,238	93,179	10,560	0	0	0	0	0	0	0	0	0	0	0	0	0	
Atlantic	Delivery	Lighting included in ER 26 41 16	Building dwg's	TBD	70.00%	50.00%	755,974		100.00%				0.00%													
					755,974				0																	
	Install				25.20%				100.00%		0.00%															
							272,119			0																
	Commisioning				4.31%				100.00%		0.00%															
	ACP Training				0.49%		46,590			46,590			0													
							5,280					100.00%	0													
															5,280											
Pacific	Delivery				70.00%	50.00%	755,974		100.00%				0.00%													
							755,974			0																
	Install				25.20%				100.00%		0.00%															
							272,119			0																
	Commisioning				4.31%				100.00%		0.00%															
							46,590			46,590			0													
	ACP Training				0.49%		5,280					100.00%	0													

Appendix 3 – Budget Movements - Variation No. 077 – Design and Construction of the Third Set of Locks-Contract CMC-221427

Ref.	Activity ID	Activity Name	Current start	Current finish	\$\$ Change	Previous Budget	New Budget	Comments
Refers to RFV 0195 - Budget Changes proposal - Aug.05, 2013								
1	A-40040	LOE A_Site: Install Site Civil - Water Distribution, Grading, Paving, Drainage	17-Dec-13	30-Apr-14	\$ (6,177,753.00)	\$ 22,545,289.18	\$ 16,367,536.18	Reallocation of Resources according to the RFV 195
2	A-40100	A_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	02-Dec-14	\$ (22,179,345.01)	\$ 76,968,932.30	\$ 54,789,587.29	
3	A-40120	LOE:A_Site: Install Mechanical- Utilities,Fire Fighting, Pot Water, Sani Sewer, Compressed Air, Oil Recovery, Dewatering	06-Jan-14	05-Jun-14	\$ (588,027.76)	\$ 3,423,185.26	\$ 2,835,157.50	
4	A-40140	LOE: A_Site: Install Waste Water Treatment Facility	24-Jun-14	12-Nov-14	\$ (335,308.35)	\$ 335,308.35	\$ -	
5	A-60120	A_Locks & Site: Perform Pre-completion Test (Pre-comm and Comm Test Before Flooding)	30-Nov-13	02-Aug-14	\$ (4,904,155.69)	\$ 4,904,155.69	\$ -	
6	A-60240	A_Locks: Train ACP Personnel	04-Aug-14	04-Dec-14	\$ (544,906.19)	\$ 544,906.19	\$ -	
7	A-M1000	A_Locks & Site: Install Mechanical Systems and Equipments WS			\$ 34,729,496.00	\$ -	\$ 34,729,496.00	
					\$ -	\$ 108,721,776.97	\$ 108,721,776.97	
8	A-40080	A_Site: Install Electrical - Underground Electrical, Equipment, Elec Infrastructure WS	11-Jul-11 A	30-Aug-14	\$ (24,113,451.71)	\$ 24,113,451.71	\$ -	Reallocation of Resources according to the RFV 195
9	A-40100	A_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	02-Dec-14	\$ (29,985,826.29)	\$ 54,789,587.29	\$ 24,803,761.00	
10	A-E1000	A_Locks & Site: Install Electrical Systems and Equipments WS			\$ 54,099,278.00	\$ -	\$ 54,099,278.00	
					\$ -	\$ 78,903,039.00	\$ 78,903,039.00	
11	A-40100	A_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	02-Dec-14	\$ (24,803,761.00)	\$ 24,803,761.00	\$ -	Reallocation of Resources according to the RFV 195
12	A-I1000	A_Locks & Site: Install Instrumentation and Control Systems and Equipments WS			\$ 24,803,761.00	\$ -	\$ 24,803,761.00	
					\$ -	\$ 24,803,761.00	\$ 24,803,761.00	
13	P-40040	LOE:P_Site: Install Mechanical- Utilities,Fire Fighting, Pot Water,Sani Sewer, Compressed Air, Oil Recovery, Dewatering	14-Nov-09 A	20-Oct-14	\$ (588,027.75)	\$ 4,591,700.25	\$ 4,003,672.50	Reallocation of Resources according to the RFV 195
14	P-40080	LOE P_Site: Install Site Civil - Water Distribution, Grading, Paving, Drainage	14-Nov-09 A	19-Mar-15	\$ (6,275,593.60)	\$ 21,826,086.99	\$ 15,550,493.39	
15	P-40120	P_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	30-Mar-15	\$ (22,179,344.55)	\$ 76,957,981.74	\$ 54,778,637.19	
16	P-40140	LOE: P_Site: Install Waste Water Treatment Facility	08-Nov-14	19-Mar-15	\$ (335,308.35)	\$ 335,308.35	\$ -	
17	P-60120	P_Locks & Site: Perform Pre-completion Test (Pre-comm and Comm Test Before Flooding)	16-Jan-14	12-Sep-14	\$ (4,904,155.59)	\$ 4,904,155.59	\$ -	
18	P-60240	P_Lock Complex: Train ACP Personnel	13-Sep-14	19-Jan-15	\$ (544,906.18)	\$ 544,906.18	\$ -	
19	P-M1000	P_Locks & Site: Install Mechanical Systems and Equipments WS			\$ 34,827,336.02	\$ -	\$ 34,827,336.02	
					\$ -	\$ 109,160,139.10	\$ 109,160,139.10	
20	P-40060	P_Site: Install Electrical - Underground Electrial, Equipment, Elec Infrastructure WS	11-Jul-11 A	24-Jan-15	\$ (24,173,985.81)	\$ 24,173,985.81	\$ -	Reallocation of Resources according to the RFV 195
21	P-40120	P_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	19-Mar-15	\$ (29,974,876.19)	\$ 54,778,637.19	\$ 24,803,761.00	
22	P-E1000	P_Locks & Site: Install Electrical Systems and Equipments WS			\$ 54,148,862.00	\$ -	\$ 54,148,862.00	
					\$ -	\$ 78,952,623.00	\$ 78,952,623.00	
23	P-40120	P_Site: Install Building Mech, Elect & Plumbing WS	19-Apr-13 A	02-Dec-14	\$ (24,803,761.00)	\$ 24,803,761.00		Reallocation of Resources according to the RFV 195
24	P-I1000	P_Locks & Site: Install Instrumentation and Control Systems and Equipments WS			\$ 24,803,761.00	\$ -	\$ 24,803,761.00	
					\$ -	\$ 24,803,761.00	\$ 24,803,761.00	

Note : Electrical Systems items are associated with column reference and rows number 8,9 and 10 for the Atlantic Site and 20,21 and 22 for the Pacific Site.