

BOARD OF SUPERVISORS AGENDA ITEM REPORT CONTRACTS / AWARDS / GRANTS

C Award C Contract C Grant

Requested Board Meeting Date: 08/06/19

* = Mandatory, information must be provided

or Procurement Director Award 🗌

*Contractor/Vendor Name/Grantor (DBA):

PCL Construction, Inc.

*Project Title/Description:

Construction Manager at Risk Services for Continental Ranch Regional Pump Station Upgrade Project (3CRS05)

*Purpose:

Amendment: Contract No. CT-WW-17-380, Amendment No. Three (3). This amendment modifies Guaranteed Maximum Price No. Two (GMP-2) to incorporate additional work necessary to remedy unforeseen site conditions, extends the contract term and increases the contract amount by \$1,113,697.66 for a total contract amount of \$10,156,110.66. Administering Department: Regional Wastewater Reclamation.

Additional defects to the structure of the pump station were discovered after construction under GMP-2 had commenced. Due to construction phasing, discovery of the additional defects was not possible until construction was under way. This amendment will allow for repair of the additional structural defects and completion of the pump station facility's rehabilitation. Additionally, an error was discovered in the method the Contractor used to calculate taxes for GMP-2. This amendment includes \$53,697.66 to correct the Contractor's tax calculation error. The same tax calculation error exists in GMP-1 and will be corrected in a future contract amendment.

*Procurement Method:

Pursuant to Solicitation for Qualifications No. 247817, on 06/20/17, the Board of Supervisors awarded a contract for pre-construction services for this project in the amount of \$128,048.00 for a contract term of 06/20/17 to 06/19/19. Previous Amendment No. One (1) was approved by the Board of Supervisors to incorporate GMP-1 into the contract. Previous Amendment No. Two (2) was approved by the Board of Supervisors to incorporate GMP-2 into the contract.

Attachment: Contract Amendment No. Three (3).

*Program Goals/Predicted Outcomes:

Completion of the rehabilitation process, facilitated by the participation of the Construction Manager at Risk, in accordance/compliance with approved project plans and specifications, regulatory and industry codes, and department standards.

*Public Benefit:

Upgraded Pump Station standards that will allow handling of additional flows at future build out conditions without additional funding requirements for pump station operations.

*Metrics Available to Measure Performance:

Performance will be measured with monthly or bi-weekly activity reports during construction, monthly updates to the Cost to Complete Forecast, and by using the contractor evaluation process as outlined in BOS Policy D29.1(F)(III) (F).

*Retroactive:

Yes. The construction phase of this project must be extended due to additional facility defects discovered during construction of the Continental Ranch Pump Station. Due to construction phasing, these defects could not be identified until construction under GMP-2 had already commenced. The late discovery of the additional defects has resulted in a need for a construction extension at a time when completion of the project was expected to occur.

To: COB 8.1-19 Ver. - 11 Pg. 5- 50 (1)

Revised 8/2017

Page 1 of 2 Aldendum

Procure Dept (08/01/*19 PM03:06

Contract / Award Information	
	Contract Number (i.e., 15-123):
	Prior Contract Number (Synergen/CMS):
Expense Amount: \$*	Revenue Amount: \$
*Funding Source(s) required:	
Funding from General Fund? CYes CNo If Yes \$	%
Contract is fully or partially funded with Federal Funds? *Is the Contract to a vendor or subrecipient?	Yes No
Were insurance or indemnity clauses modified?	Yes No
If Yes, attach Risk's approval	
Vendor is using a Social Security Number?	Yes No
If Yes, attach the required form per Administrative Procedure	22-73.
Amondment (Deviced Award Information	
Amendment / Revised Award Information Document Type: CT Department Code: WW	Contract Number (i.e., 15-123): 17-380
	AMS Version No.: Eleven (11)
Effective Date: 00/10/10	
	New Termination Date: 12/31/19 Prior Contract No. (Synergen/CMS):
	Amount This Amendment: \$ 1,113,697.66
	'es \$
*Funding Source(s) required: Regional Wastewater Reclamatic	
Funding from General Fund? CYes No If Y	'es \$ %
Grant/Amendment Information (for grants acceptance and	
Document Type: Department Code:	
Effective Date: Termination Date:	Amendment Number:
Match Amount: \$	Revenue Amount: \$
*All Funding Source(s) required:	
*Match funding from General Fund? CYes CNo If Y	'es \$ %
*Match funding from other sources? (Yes (No If Y *Funding Source:	′es \$ %
*If Federal funds are received, is funding coming directly Federal government or passed through other organizatio	
Contact: Keith E. Rogers Auto C. 1992 08	01/19 Rolem 8-1-19
Contact: Keith E. Rogers Auto C. 1992 08 Department: Procurement May 201	01 19 R. Close 8-1-19 8/119 (Telephone: 724-3542
Department: Procurement May	
Department: Procurement May Department Director Signature/Date	

Revised 8/2017

Page 2 of 2

PIMA COUNTY REGI	ONAL WASTEWATER RE	ECLAMATION DEPARTMENT		
PROJECT:	Construction Manager A Upgrade Project (3CRS)	t Risk Services for Continental Ranch R 05)	Region	al Pump Station
CONTRACTOR:	PCL Construction, Inc. 1711 W Greentree Dr, S Tempe, Arizona 85284	uite 201		
CONTRACT NO.:	CT-WW-17-380			
AMENDMENT NO.:	Three (3)			
FUNDING:	Regional Wastewater Re	eclamation Department Obligations		
	0/2017 - 06/19/2019 MENDMENT:06/19/2019 ENDMENT: 12/31/2019	ORIGINAL CONTRACT AMOUNT: PRIOR AMENDMENT(S): AMOUNT THIS AMENDMENT:	\$ \$ \$	128,048.00 8,914,365.00 1,113,697.66
Provide the second second		REVISED CONTRACT AMOUNT:	\$	10,156,110.66

CONSTRUCTION CONTRACT AMENDMENT

WHEREAS, COUNTY and CONTRACTOR have entered into the Contract for the project referenced above; and

WHEREAS, construction of the project was anticipated to be conducted in multiple phases; and

WHEREAS, Guaranteed Maximum Price No. One (GMP-1), for emergency bypass pumping, and acquisition, installation and commissioning of permanent bypass pumping equipment for the pump station (Project Phase 1), was previously incorporated into the contract via Amendment No. One (1); and

WHEREAS, Guaranteed Maximum Price No. Two (GMP-2) for acquisition of the remaining equipment and for construction activities to complete construction of the pump station facility (Project Phase 2) was previously incorporated into the contract via Amendment No. Two (2); and

WHEREAS, unknown and unforeseen conditions regarding the structure of the pump station were discovered during construction of the pump station; and

WHEREAS, COUNTY and CONTRACTOR have reached agreement regarding the extent and cost of the additional work necessary to correct the unforeseen conditions; and

WHEREAS, the term of the contract shall be extended to December 31, 2019 to allow for completion of construction and for contract close-out activities; and

WHEREAS, an error was discovered in the method CONTRACTOR used to calculate taxes for GMP-2; and

WHEREAS, the amount of GMP-2 is adjusted by \$53,697.00 to correct the error, and that adjustment is included in the amount of this amendment; and

WHEREAS, Amendment No. Three (3) shall pertain to project Phase 2 and GMP-2; and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 2, have agreed to incorporate Amendment No. Three (3) into the contract; and,

WHEREAS, COUNTY's acceptance of Amendment No. Three (3) is subject to the understanding of the Parties that all other elements of future Amendments and GMPs, if any, are and remain negotiable; and,

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WHEREAS, COUNTY and CONTRACTOR pursuant to Article 3 have agreed to increase the Contract amount as identified in Amendment No. Three (3).

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 1 – TERM

Change the first sentence

- From: "This contract, as approved by the Board of Supervisors, commences on June 20, 2017 and terminates on June 19, 2019, unless sooner terminated or further extended for project completion."
- To: "This contract, as approved by the Board of Supervisors, commences on June 20, 2017 and terminates on December 31, 2019, unless sooner terminated or further extended for project completion."

CHANGE: ARTICLE 3 – PRE-CONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE, as amended in Contract Amendment No. Two (2):

Insert after third paragraph of Item B:

Guaranteed Maximum Price-2 (GMP–2) for acquisition of equipment and all construction activities as identified in ATTACHMENT ONE (1) TO APPENDIX "F" is increased from Four Million, Seven Hundred and Twelve Thousand, One Hundred Thirty-Seven Dollars and No Cents (\$4,712,137.00) to Five Million, Eight Hundred Twenty-Five Thousand, Eight Hundred Thirty-Four Dollars and Sixty-Six Cents (\$5,825,834.66). The change in GMP-2 is the agreed cost for acquisition of equipment and all construction activities as identified in ATTACHMENT TWO (2) TO APPENDIX "F" plus the amount necessary to correct CONTRACTOR'S tax calculation error. COUNTY reserves the right to negotiate the construction fee, overhead rate, and all other elements of future Amendments and GMPs, if any.

ADD: TO APPENDIX "F," as amended in Contract Amendment No. Two (2):

Add, after ATTACHMENT ONE (1) TO APPENDIX "F"

ATTACHMENT TWO (2) TO APPENDIX "F": Construction Manager at Risk (CMAR) Services for Continental Ranch Regional Pump Station Rehabilitation (3CRS05) Contract Amendment No. Three (3), dated July 29, 2019 (41 pages, attached).

This Amendment shall be effective on June 19, 2019.

All other provisions of the Contract, not specifically changed by this amendment, shall remain in effect and be binding upon the parties.

IN WITNESS WHEREOF, the Parties have affixed their signatures to this Change Order on the dates written below.

APPROVED:

Chairman, Board of Supervisors

Date

Signature

Jeff Newman Area Manager Name and Title (Please Print)

08/01/2019

Date

ATTEST:

Clerk of the Board

APPROX ED AS TO, FORM: Deputy County Attorney CHARLES WESSELHOFT Printed Name 1 2019

Date

ATTACHMENT TWO (2) TO APPENDIX "F": Construction Manager Services for Continental Ranch Regional Pump Station Rehabilitation (3CRS05) Contract Amendment No. Three (3), dated July 29, 2019 (41 pages)



July 29, 2019

5471167

Noel Ortiz Pima County Regional Wastewater Reclamation Department 3355 N. Dodge Blvd. Tucson, AZ 85716

RE:

Continental Ranch Regional Pump Station Upgrade Design Project Number 3CRS05

SUBJECT: GMP-2 – Contract Amendment

Dear Noel,

Please find attached "3CRS05 – Continental Ranch Regional Pump Station – Change Order Log R6." This log includes Work Price, Overhead, Builders Risk, Fee, General Liability, Bond and Tax amounts for each individual item that is outstanding as well as a total at the top of the work sheet. Please note: The taxes in this change order log are calculated utilizing the Prime Contracting tax method.

Based on the change order log referenced above, PCL is requesting an amendment to GMP-2 in the amount of \$1,060,000.00. The amendment includes \$944,652.86 for additional work and all related costs, \$17,985.14 for Contractor's Contingency and \$97,362.00 for Owner's Contingency.

Taxes for GMP-2 were originally calculated and accrued as MRRA taxes which is in error pursuant to A.R.S. §42-5075(R)(1)(b) as this project exceeds the \$750,000 prescribed limit. As a result, PCL should accrue taxes in the town of Marana utilizing the Prime Contracting tax method. The following is a breakdown of the difference between the two tax calculation methods. The difference must be added to GMP-2 to accommodate the change in tax calculation methods.

٠	MRRA Estimated Taxes in GMP-2:	\$147,580.00
٠	Prime Contracting Taxes (10.1% Gross Receipts) for GMP-2:	\$201,277.66
٠	Additional amount needed for GMP-2:	\$ 53,697.66

Please let me know if the above proposal is acceptable. If you have any questions or concerns, please feel free to contact me at 520-269-2009.



Best Regards,

PCL CONSTRUCTION, INC.

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Mark A. Butler Project Manager

Attachments: 3CRS05 – Continental Ranch Regional Pump Station – Change Order Log R6

	3CRS05 - 5	54711	57 - Continental Ranch Regional Pump Station - Cha	ange O	rder Log -	R6			TOTAL	S of the below it	ems		
							Work Price	Overhead	Builders Risk	Fee	Gen Liability	Bond	Tax
CRX #	Description	Cost Code	Remarks	Status	CMAR	RWRD	\$760,881.74	\$47,250.74	\$968.22	\$64,650.59	\$7,418.65	\$5,287.06	\$58,195.86
0.011			FMP Mechanical				Work Price	Overhead	Builders Risk	Fee	Gen Liability	Bond	Tax
#0008	Pump Discharge Piping Mods	950002	Expansion Joints on Discharge Side U Suction Side Sun Shades	Ouoted	\$0.00	\$14,589,14	\$11,751.00	\$729.74	\$14.95	\$998.46	\$114.57	\$81.65	\$898.77
	Cleaning of Wet Well		T&M Cleaning of Building Wet Well	Quoted	\$0.00	\$14,030.46	\$11,301.00	\$701.79	\$14.38	\$960.22	\$110.19	\$78.53	\$864.35
	Added Restraints to Discharge Line		Add restraints to FMP discharge line per Owners request	Quoted	\$0.00	\$7.612.57	\$6,131.64	\$380.77	\$7.80	\$520.99	\$59.78	\$42.61	\$468.98
	Potable Water Substation		Substituting PVC with 3165STL Pipe for Potable Water in FMP	Quoted	\$0.00	\$10,832.96	\$8,725.54	\$541.86	\$11.10	\$741.39	\$85.07	\$60.63	\$667.37
	Section Line Permanent Spools		Replace Plug Valves with PVC then Steel Spools	Quoted	\$0.00	\$19,087.20	\$15,374.00	\$954.73	\$19.56	\$1,306.30	\$149.90	\$106.83	\$1,175.88
10000			FMP Electrical		+								
#0053	Electrical Mods at FMP	950042	Operations requested Electrical Mods at FMP	Quoted	\$0.00	\$9,668.98	\$7,788.00	\$483.63	\$9.91	\$661.73	\$75.93	\$54.12	\$595.66
			EMP Misc.										
#0043	Owner's Requested Mods on HDPE Pipe	950033	Requested Modifications to HDPE pipe run.	Quoted	\$0.00	\$12,231.50	\$9,852.00	\$611.81	\$12.54	\$837.10	\$96.06	\$68.46	\$753.53
			Pump Station Site Work & Arch.										
#0031	Forcemain "C" at Pig Launcher	950073	Extend Future Forcemain "C" at Pig Launcher above Grade	Quoted	\$0.00	\$19,196.46	\$15,462.00	\$960.19	\$19.68	\$1,313.78	\$150.76	\$107.44	\$1,182.61
	Masonry Wall Paint	950046	Existing Masonry Wall only. PCL to Coat New Wall	Quoted	\$0.00	\$12,397.86	\$9,985.00	\$620.13	\$12.71	\$848.49	\$97.36	\$69.39	\$763.78
	Metal Roof Replacemetn	950034		Quoted	\$0.00	\$64,220.31	\$51,727.00	\$3,212.25	\$65.82	\$4,395.14	\$504.34	\$359.43	\$3,956.33
			Pump Station Structural	4									
#0020	Repair Scrubber Room Floor	950016	Non-Contingency CoveredRepair of Scrubber Room Floor (Life Safety Issue)	Ouoted	\$0.00	\$3.857.87	\$3,107,36	\$192.97	\$3.95	\$264.03	\$30,30	\$21.59	\$237.67
	Wet Well Modification	950026		Quoted	\$0.00	\$87,470.32	\$70,454.00	\$4,375.19	\$89.65	\$5,986.34	\$686.93	\$489.55	\$5,388.66
			Pump Station Mechanical										
#0013	Potable Water Lines	950009	Add Potable Water Line to the East Side of the Pump Station	Quoted	\$0.00	\$26,417,14	\$21,278.00	\$1.321.36	\$27.08	\$1,807.95	\$207.46	\$147.85	\$1.627.44
	Forcemain Under Building	950010	Cost to Tunnel under building to install Forcemain not Shown on Plans	Ouoted	\$0.00	\$50,431.95	\$40,621.00	\$2,522.56	\$51.69	\$3,451.49	\$396.06	\$282.26	\$3,106.89
_	Remove, Furnish and Install New Vortex P	950013	Replace existing Vortex Plates with FRP Vortex Plates Per Owners Request	Quoted	\$0.00	\$21,133.23	\$17,022.00	\$1,057.07	\$21.66	\$1,446.33	\$165.97	\$118.28	\$1,301.92
	Surge Tank Removal	950019	Remove Surge Tanks and Foundation, add Asphalt per Owners Request	Quoted	\$0.00	\$35,353.68	\$28,476.04	\$1,768.36	\$36.24	\$2,419.55	\$277.64	\$197.87	\$2,177.98
	Add Pump Support	950018	Replace support for Pump #4 and Provide 316 SSTL Supports in lieu of Galv. Steel	Quoted	\$0.00	\$14,960.36	\$12,050.00	\$748.31	\$15.33	\$1,023.86	\$117.49	\$83.73	\$921.64
	New Floor Drain Piping	950020	New Floor Drain Piping Per Owners Request, Replace in Kind.	Quoted	\$0.00	\$36,056.03	\$29,041.75	\$1,803.49	\$36.96	\$2,467.62	\$283.16	\$201.80	\$2,221.25
	Plug Valve Replacement	950017	Replace plug valves for gate valves per Owner's Request at Pig Launcher	Quoted	\$0.00	\$70,068.37	\$56,437.39	\$3,504.76	\$71.82	\$4,795.37	\$550.27	\$392.16	\$4,316.60
	Wet Well Skim Coat & Approved Coatings	700350	Cost Change from Wet Well Coating vs. Contract Documents	Quoted	\$0.00	\$135,081.53	\$108,803.00	\$6,756.67	\$138.45	\$9,244.77	\$1,060.84	\$756:02	\$8,321.78
$ \rightarrow $	Air Injection Credit	950022	Credit to Owner for deduct of Air Injector Manholes	Quoted	\$0.00	(\$19,834.59)	(\$15,976.00)	(\$992.11)	(\$20.33)	(\$1,357.45)	(\$155.77)	(\$111.01)	(\$1,221.92)
#0027	Mixer Credit	950021	Credit to Owner for Deduct of Mixers Add to install Wet Well Wizard	Quoted	\$0.00	(\$78,860.36)	(\$63,519.00)	{\$3,944.53}	(\$80.83)	(\$5,397.08)	(\$619.32)	(\$441.36)	(\$4,858.24)
	Overhead Crane Substitution	950024	Creditr for Substituting Overhead Crane with Gantry	Quoted	\$0.00	(\$47,468.42)	(\$38,234.00)	(\$2,374.33)	(\$48.65)	(\$3,248.67)	(\$372.78)	(\$265.67)	(\$2,924.32)
	Replace Sump Pumps in Dry Pump Room	950025	Provide and install new Sump Pumps and Controls in Dry Pump Room	Quoted	\$0.00	\$5,775.06	\$4,651.59	\$288.86	\$5.92	\$395.24	\$45.35	\$32.32	\$355.78
	Forcemain "C" Dismanteling Joint	950027	RWRF Requested Dismanteling Joint in Forcemain "C"	Quoted	\$0.00	\$11,954.00	\$9,628.50	\$597.93	\$12.25	\$818.11	\$93.88	\$66.90	\$736.43
	16" Mag Meter Replacement		Supply and Install New Mag Meter and Piping Modifications	Quoted	\$0.00	\$16,882.24	\$13,598.00	\$844.44	\$17.30	\$1,155.39	\$132.58	\$94.49	\$1,040.04
#0041	Transport Pumps	950031	Transport Pump from Pima County yard to Continental Ranch	Quoted	\$0.00	\$20,288.99	\$16,342.00	\$1,014.84	\$20.80	\$1,388.55	\$159.34	\$113.55	\$1,249.91
#0045	Overhead Crane Demo (in Pump Room)	950035	Remove Overhead Crane from Dry Pump Room	Quoted	\$0.00	\$10,693.25	\$8,613.00	\$534.87	\$10.96	\$731.83	\$83.98	\$59.85	\$658.76
#0047	Demo and Haul Air Compressors	950036	Reomve Air Compressors from Scubber Room and Haul to Pima County	Quoted	\$0.00	\$17,602.33	\$14,178.00	\$880.45	\$18.04	\$1,204.68	\$138.24	\$98.52	\$1,084.40
#0050	Vent Stack for Exhaust Fan	950039	Exhaust Fan Vent Stack Cap	Quoted	\$0.00	\$8,947.66	\$7,207.00	\$447.55	\$9.17	\$612.36	\$70.27	\$50.08	\$551.23
#0059	Exhaust Fan Transitions	950048	Exhaust Fan Transitions (Deduct from Spectrum, add to Fibrican	Quoted	\$0.00	\$71,690.80	\$57,744.20	\$3,585.91	\$73.48	\$4,906.41	\$563.01	\$401.24	\$4,416.55
			Pump Station Electrical										
#0051	Replace Existing Roof Top Disconnects	950040	Replace Existing Roof Top Disconnects due to Conditions of Existing	Quoted	\$0.00	\$7,200.83	\$5,800.00	\$360.18	\$7.38	\$492.81	\$56.55	\$40.30	\$443.61
#0055	Pressure Trans & Temp Gages on Suction	950044	Pressure and Temp Gages on Suction Side of pumps	Quoted	\$0.00	\$9,963.22	\$8,025.00	\$498.35	\$10.21	\$681.87	\$78.24	\$55.76	\$613.79
			Pump Station Misc.										
#0039	Rooftop Safety Rail	950029	Safety Rail around South Roof (Life Safety)	Quoted	\$0.00	\$37,341.30		\$1,867.78	\$38.27	\$2,555.58	\$293.25	\$208.99	\$2,300.43
#0054	Ladder Modification & Crane Stops	950043	Ladder Modifications at North Roof Access & Crane Stops(LIFE SAFETY)	Quoted	\$0.00	\$5,586.87	\$4,500.00	\$279.45	\$5.73	\$382.36	\$43.88	\$31.27	\$344.18
#0057	Remobilization of Project	950091	Remobilize Project to work on Change Items	Quoted	\$0.00	\$42,448.94	\$34,191.00	\$2,123.26	\$43.51	\$2,905.14	\$333.36	\$237.58	\$2,615.09
#0058	Extended Management	950095	Extended Managemant	Quoted	\$0.00	\$159,742.82	\$128,666.73	\$7,990.20	\$163.73	\$10,932.55	\$1,254.51	\$894.05	\$9,841.05

Total of the work above	\$944,652.86
Contractors Contingency for the Change Order Work	\$17,985.14
Owners Contingency for the Change Order Work	\$97,362.00
Total Changes for Additional Requirements (GMP2 Amendment Request)	\$1,060,000.00

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0008

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:26:26

CRX Description: Pump Discharge Piping Mods

Rev #:	Status:	Quoted	Cost Summary		Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	3,446.00 8,305.00 0.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	0.00					
			Overhead: Fee:	1,839.68 998.46					
Remarks: Ow	vners Allowance GMP2								
			Total Quote:	\$ 14,589.14					
Cost Code:	950002								
Notes:	Eliminate Expansion Joi suction sunshades.	nt on discharge. Add	· ·						

Cost			Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipmer	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK							-						9 - L
950002	Pump Discharge Pipe Mods	1.00 LS	68.	68.	50.6765	3,446.00	8,305.00	8,305.00						11,751.00
TOTAL	OUR FORCES WORK		· · ·	68.	· · ·	3,446.00		8,305.00			· · · · · ·			11,751.00
TOTAL	OUR FORCES & SUBTRADES			68.		3,446.00		8,305.00		·	· · · · ·			11,751.00
	MARKUP ON TOTAL CRX													
900001	Overhead					·							6.21%	729.74
012500	Performance Bond					·							0.60%	81.65
012601	General Liability												0.85%	114.57
012602	Builders Risk												0.11%	14.95
016730	Gross Receipts Tax 65% of 10.1% = 6.565%												6.565%	898.77
990100	Fee												8.00%	998.46
TOTAL	MARKUP ON TOTAL CRX		<u> </u>										<u>_</u>	2,838.14
TOTAL	CRX #: 0008			68		3,446.00		8,305.00	· · · ·			····· · · · · · · · · · · · · · · · ·	in the second	14,589.14
												Í		

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0013

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:27:33

CRX Description: Potable Water Lines

Rev #:	Status: Pricing	Cost Summa	ry in the second	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	8,606.00 650.00 4,106.00	ALB Piping Products Statewide Tucson Asphalt				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	7,916.00					
		Overhead: Fee:	3,331.19 1,807.95					
Remarks: Owner All	owance GMP2		,					
		Total Quote:	\$ 26,417.14					
Cost Code: Notes:	950009 Added potable water lines to the East Side of Building per Owners Request.							

Cost		1		Labor Ma	nhours	Labor	Cost	Materia	Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity U	оМ	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK							-							
950009	Potable Wat Ph 2	1.00	LS	194.	194.	44.3608	8,606.00	650.00	650.00	4,106.00	4,106.00				13,362.00
TOTAL	OUR FORCES WORK	1		I	194.		8,606.00		650.00		4,106.00	· · · · · · · · · · · · · · · · · · ·			13,362.00
	SUBTRADE WORK														
950009	ALB Piping Products	1.00	LS						· .			5,602.00	5,602		5.602.00
950009	Statewide	1.00	LS									1.218.00	1,218		1,218.00
950009	Tucson Asphalt	1.00	LS									1,096.00	1,096		1,096.00
TOTAL	SUBTRADE WORK												7,916.00		7,916.00
TOTAL	OUR FORCES & SUBTRADES	1			194.	1.101.10	8,606.00	a pha ang	650.00		4,106.00		7,916.00		21,278.00
	MARKUP ON TOTAL CRX								-						-
900001	Overhead													6.21%	1.321.36
012500	Performance Bond													0.60%	147.85
012601	General Liability								·					0.85%	207.46
012602 016730	Builders Risk Gross Receipts Tax 65% of													0.11%	27.08
010730	10.1% = 6.565%													6.565%	1.627.44
990100	Fee					 					 			8.00%	1,807.95
TOTAL	MARKUP ON TOTAL CRX	l						and a state of the					<u> </u>		5,139.14
TOTAL	CRX #: 0013				194	1.6	8,606.00	danaa v.	650.00	· · · · · · · · · · · · · · · · · · ·	4,106.00		7,916.00		26,417.14

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0014

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:30:25

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CRX Description: Forcemain Under Building

Rev #:	Status: Pricing	Cost Summar	y in the second s	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	16,006.00 8,777.00 8,174.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	7,664.00					
		Overhead: Fee:	6,359.46 3,451.49					
Remarks: Owner Allow	wance GMP2	100.	0,401.40					
		Total Quote:	\$ 50,431.95					
Cost Code: Notes:	950010 Costs for tunneling under buillding to install forcemain. Not shown in plans							

Cost				Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipme	ent Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK			-										-	
950010	Forcemains Under BLDG	1.00	LS	357.	357.	44.8347	16,006.00	4,774.00	8,777.00	8,174.00	8,174.00				32,957.00
TOTAL	OUR FORCES WORK	1 		<u> </u>	357.		16,006.00		8,777.00		8,174.00				32,957.00
	SUBTRADE WORK		• .												
950010	Shoring	1.00	LS									7,664.00	7,664		7,664.00
TOTAL	SUBTRADE WORK	1		I	:		· · · · · · · ·			I			7,664.00		7,664.00
TOTAL	OUR FORCES & SUBTRADES	And the second		· · · · · · · · · · · · · · · · · · ·	357.		16,006.00		8,777.00		8,174.00	<u>Stand</u>	7,664.00	· · · · · · · · · · · · · · · · · · ·	40,621.00
	MARKUP ON TOTAL CRX														
900001	Overhead													6.21%	2,522.56
012500	Performance Bond									·				0.60%	282.26
012601 012602	General Liability Builders Risk													0.85% 0.11%	396.06 51.69
012002	Gross Receipts Tax 65% of													0.1170	51.09
	10.1% = 6.565%						· 							6.565%	3,106.89
990100	Fee													8.00%	3,451.49
TOTAL	MARKUP ON TOTAL CRX		. ·						files (process) Sector						9,810.95
TOTAL	CRX #: 0014				357		16,006.00		8,777.00		8,174.00		7,664.00		50,431.95

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0016

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:33:17

CRX Description: Cleaning of Wet Well

Rev #:	Status: Quoted	Cost Summary		Subtrade	an tanàna paositra. Ny INSEE dia mampina mampi	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$: 14,298	Labor: Material: Equipment:	4,973.00 650.00 0.00	Ancon Servi	ce Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	5,678.00						
		Overhead: Fee:	1,769.24 960.22						
Remarks: Owners	s Allowance GMP2								
		Total Quote:	\$ 14,030.46						
Cost Code: Notes:	950012 T&M pressure washing of wet well in preparation of concrete repairs	ו				· .			

Cost				Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipme	ent Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950012	Add Cleaning of Wet Well	1.00	LS	116.	116.	42.8707	4,973.00	650.00	650.00						5,623.00
TOTAL	OUR FORCES WORK				116.		4,973.00		650.00						5,623.00
	SUBTRADE WORK														
950012	Ancon Service Co.	1.00	LS			~ <u>`</u>						5,678.00	5,678		5,678.00
TOTAL	SUBTRADE WORK		· .			_						I	5,678.00		5,678.00
TOTAL	OUR FORCES & SUBTRADES				116.		4,973.00	en en en el	650.00	ha tha agus agus		a fam d	5,678.00	an Mark	11,301.00
	MARKUP ON TOTAL CRX					-	-								
900001	Overhead									· . 				6.21%	701.79
012506	Performance Bond		·						'					0.60%	78.53
012601	General Liability													0.85%	110.19
012602 016730	Builders Risk Gross Receipts Tax 65% of								:					0.11%	14.38
	10.1% = 6.565%													6.565%	864.35
990100	Fee													8.00%	960.22
TOTAL	MARKUP ON TOTAL CRX					an pha airte				and the first of and the g			<u></u>	a di second	2,729.46
TOTAL	CRX #: 0016	<u> </u>			116		4.973.00	Na hiji i	650.00				5,678.00		14,030,46

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0017

Page: 1 Date: 7/15/2019 Time: 15:35:57

CRX Description: F&I Vortex Plates

Rev #:	Sta	atus:	Processed	Cost Summary	and the start	Subtrade	ter an attention a de la tala	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Apr Apr	proved CO #: proved CO Date:	21,537	Labor: Material: Equipment:	8,955.00 8,067.00 0.00						
Initiated Date: Quote Date:		hedule Activity ID: ne Extension:		Subtrade:	0.00						
				Overhead: Fee:	2,664.90 1,446.33			-			
Remarks:	Owners Allowance GM	IP2		Total Quote:	\$ 21,133.23						
Cost Code: Notes:	Rej	0013 place vortex plates p eded for design.	er Owner's request. RFI						- *		

Cost	The second se		Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipme	nt Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950013	F&I Vortex Plates	1.00 LS	216.	216.	41.4583	8,955.00	8,067.00	8,067.00						17,022.00
TOTAL	OUR FORCES WORK			216.		8,955.00		8,067.00						17,022.00
TOTAL	OUR FORCES & SUBTRADES	1		216.		8,955.00		8.067.00		<u> </u>	al e a tar e			17,022.00
TOTAL						0,000.00		0,001.00	<u>, , , , , , , , , , , , , , , , , , , </u>				-	
	MARKUP ON TOTAL CRX													
900001	Overhead		!					·					6.21%	1,057.07
012506	Performance Bond												0.60%	118.28
012601	General Liability												0.85%	165.97
012602	Builders Risk												0.11%	21.66
016730	Gross Receipts Tax 65% of												0 5650	1,301,92
	10.1% = 6.565%												6.565% 8.00%	1,301.92
990100	Fee												0.00%	1,440.55
TOTAL	MARKUP ON TOTAL CRX			1927 - 1974) 1985 - 1975 - 1975 1985 - 1975 - 1975			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			الدوم الترا			rijan -	4,111.23
TOTAL	002 # 0047	N. C. and M. C. and		216		8,955.00		8,067.00	1.445.0		20.111.1		2134 - 1 - 1 - 1	21,133.23
TOTAL	CRX #: 0017	No. 21 No. 16 State State	1 1200	210		0,935.00		0,007.00	· · · · · ·		et al d'Aller de la d			21,100.20
											1 - C.			

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0018

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:39:49

CRX Description: Surge Tank Removal

Rev #:	Status:	Processed	Cost Summar	y a the terms of	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	36,029	Labor: Material: Equipment:	12,148.00 8,789.00 5,929.00	Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	1,610.04					
			Overhead: Fee:	4,458.09 2,419.55		-			
Remarks: C	Owners Allowance GMP2			,					
			Total Quote:	\$ 35,353.68					
Cost Code:	950019								
Notes:	Remove surge tank ar paving.	nd foundation. Additio	nal						

Cost			Labor Ma	anhours	Labor	r Cost	Materia	al Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950019	Surge Tank Removal	1.00 LS	296.	296.	41.0405	12,148.00	8,789.00	8,789.00	5,929.00	5,929.00				26,866.00
OTAL	OUR FORCES WORK			296.		12,148.00	i shiqiri	8,789.00		5.929.00				26,866.00
	SUBTRADE WORK		-					-,			· · · · · · · · · · · · · · · · · · ·			
50040														
950019 950019	Ludvik Electric Co., Tucson Asphalt											999 611		999.29 610.75
OTAL	SUBTRADE WORK			· · · ·							l	1,610.04		1,610.04
OTAL	OUR FORCES & SUBTRADES		1	296.	1	12,148.00	t in seather	8,789.00		5,929.00		1,610.04	a de fait	28,476.04
	MARKUP ON TOTAL CRX							-						
900001	Overhead												6.21%	1,768.36
012506	Performance Bond	*				·							0.60%	197.87
012601	General Liability				·		·						0.85%	277.64
012602 016730	Builders Risk Gross Receipts Tax 65% of												0.11%	36.24
	10.1% = 6.565%												6.565%	2,177.98
990100	Fee												8.00%	2,419.55
OTAL	MARKUP ON TOTAL CRX				ing ginakinan Minimangkan Minimangkan	1880 (2014 - 1			nati di tingga na si kana Referensi di tangga na si	<u> </u>				6,877.64
OTAL	CRX #: 0018			296		12.148.00		8,789.00	ابيد محيوست محيوا	5,929.00	<u> </u>	1,610.04		35,353.68

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0019

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:42:33

CRX Description: Add Discharge Restraint

Rev #:	Status: Quoted	Cost Summar	1	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$: 7,758	Labor: Material: Equipment:	4,163.00 702.00 618.00	Penhall Company			-	
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	648.64					
		Overhead: Fee:	959.94 520.99					
Remarks: Owner All	owance GMP2							
Cost Code: Notes:	950015 Add restraints to FMP discharge li Owner's request.	Total Quote:	\$ 7,612.57					

Cost			Labor Ma	anhours	Labor	Cost	Materia	l Cost	Equipme	nt Cost	Subtrade	Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK											4 - ¹		
950015	Add Discharge Restraints	1.00 LS	64.	64.	65.0469	4,163.00	702.00	702.00	618.00	618.00				5,483.00
TOTAL	OUR FORCES WORK			64.		4,163.00		702.00		618.00				5,483.00
	SUBTRADE WORK												-	
950015	Add Discharge Restraints	1.00									648.64	649		648.64
TOTAL	SUBTRADE WORK											648.64		648.64
TOTAL	OUR FORCES & SUBTRADES			64.		4,163.00		702.00		618.00		648.64		6,131.64
	MARKUP ON TOTAL CRX													
900001	Overhead												6.21%	380.77
012500 012601	Performance Bond General Liability												0.60% 0.85%	42.61 59.78
012602	Builders Risk												0.11%	7.80
016700	Gross Receipts Tax 65% of 10.1% = 6.565%												6.565%	468.98
990100	Fee					·							8.00%	520.99
TOTAL	MARKUP ON TOTAL CRX						na agricana dag an geografiana dag			<u>, 11 (444</u>)			2	1,480.93
TOTAL	CRX #: 0019			64	2010 A 102 -	4,163.00		702.00		618.00		648.64		7,612.57

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0020

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:46:19

CRX Description: Non-Contingency Covered Repair Scrubber Floor

Rev#:	Status:	Pricing	Cost Summa	у	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	, nong	Labor: Material: Equipment:	2,107.36 1,000.00 0.00			-		
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	0.00					
			Overhead: Fee:	486.48 264.03					
Remarks:	Owners' Allowance GPM2 (Life Safety Issu	le)							
Cost Code: Notes:	950016 Repair costs for scrub (Added Project Time)	ber floor including shoring	Total Quote:	\$ 3,857.87	-				

(i) A start of the start of		Labor Ma	anhours	Labor	Cost	Materia	I Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
OUR FORCES WORK													
Repair Scrub. Floor	1.00 LS	50.721	50.72	41.5489	2,107.36	1,000.00	1,000.00		`				3,107.36
OUR FORCES WORK			50.72		2,107.36		1,000.00		 				3,107.36
· .									-				
OUR FORCES & SUBTRADES		al agus	50.72	in and the	2,107.36		1,000.00						3,107.36
MARKUP ON TOTAL CRX													
Overhead												6.21%	192.97
													21.59 30.30
Builders Risk												0.11%	3.95
Gross Receipts Tax 65% of 10.1% = 6.565%												6.565%	237.67
Fee												8.00%	264.03
MARKUP ON TOTAL CRX	landa ar an					arten de la ch							750.51
	-							•					
CRX #: 0020			51		2,107.36	a series de la constan Alexandre de la constante	1,000.00	alaten er senten Linder och som		profilia da la composición An Alexandre da la composición de la co		la gun da . Secolaria	3,857.87
				i.									
	OUR FORCES WORK Repair Scrub. Floor OUR FORCES WORK OUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Overhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of 10.1% = 6.565% Fee MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS Repair Scrub. Floor 1.00 LS OUR FORCES WORK OUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Overhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of 10.1% = 6.565% Fee	OUR FORCES WORK 1.00 LS 50.721 OUR FORCES WORK OUR FORCES WORK OUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Overhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of 10.1% = 6.565% Fee MARKUP ON TOTAL CRX	OUR FORCES WORKRepair Scrub. Floor1.00 LS50.72150.72OUR FORCES WORK50.72OUR FORCES & SUBTRADES50.72OUR FORCES & SUBTRADES50.72MARKUP ON TOTAL CRXOverheadPerformance BondGeneral LiabilityBuilders RiskGross Receipts Tax 65% of10.1% = 6.565%FeeMARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 OUR FORCES WORK 50.72 50.72 41.5489 OUR FORCES WORK 50.72 50.72 50.72 OUR FORCES & SUBTRADES 50.72 50.72 OVER FORCES & SUBTRADES 50.72 50.72 MARKUP ON TOTAL CRX 50.72 50.72 Overhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of 10.1% = 6.565% Fee MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 OUR FORCES WORK 50.72 2,107.36 2,107.36 2,107.36 OUR FORCES WORK 50.72 2,107.36 2,107.36 OUR FORCES & SUBTRADES 50.72 2,107.36 OUR FORCES & SUBTRADES 50.72 2,107.36 Overhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of Fee MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 0	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 1,000.00 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 1,000.00 OUR FORCES & SUBTRADES 50.72 2,107.36 1,000.00 MARKUP ON TOTAL CRX 0verhead Performance Bond General Liability Builders Risk Gross Receipts Tax 65% of Fee MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 OUR FORCES & SUBTRADES 50.72 2,107.36 1,000.00 MARKUP ON TOTAL CRX Overhead General Liability Builders Risk Fee MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 1,000.00 OUR FORCES WORK 50.721 50.72 2,107.36 1,000.00 1,000.00 OUR FORCES WORK 50.72 2,107.36 1,000.00 OUR FORCES & SUBTRADES 50.72 2,107.36 1,000.00 OVER FORCES & SUBTRADES 50.72 2,107.36 1,000.00 OVerhead General Liability Builders Risk <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""></t<></td></t<></td></t<></td></t<>	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""></t<></td></t<></td></t<>	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""><td>OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""></t<></td></t<>	OUR FORCES WORK 1.00 LS 50.721 50.72 41.5489 2,107.36 1,000.00 <t< td=""></t<>

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0021

 Page:
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 Date:
 7/15/2019

 Time:
 15:49:11

CRX Description: Add Pump Supports

Rev #:	Status: Pricing	Cost Summa	ry	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	0.00 11,950.00 100.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00					
		Overhead: Fee:	1,886.50 1,023.86					
Remarks: C	Owners Allowance GPM2							
Cost Code: Notes:	950018 Replace supports or Pump #4 to SSTL and exchanging 3 New flygt pumps pipe support with 316 SS.	Total Quote:	\$ 14,960.36					

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipmen	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950018 950018	Pump Spts to 316SSTL Pump Spts to 316SSTL	1.00 LS -1.00 LS	53. 	53. 	49.2075 	2,608.00 -2,608.00	13,550.00 1,600.00	13,550.00 -1,600.00	100.00	100.00			· 	16,258.00 -4,208.00
TOTAL	OUR FORCES WORK			53.		, <u>1997 -</u>	in the second	11,950.00		100.00				12,050.00
TOTAL	OUR FORCES & SUBTRADES			53.			a ta ati ja ja	11,950.00		100.00				12,050.00
	MARKUP ON TOTAL CRX													
900001 012506	Overhead Performance Bond												6.21% 0.60%	748.31 83.73
012601 012601 012602	General Liability Builders Risk												0.85%	03.73 117.49 15.33
016730	Gross Receipts Tax 65% of 10,1% = 6,565%												6.565%	921.64
990100	Fee												8.00%	1,023.86
TOTAL	MARKUP ON TOTAL CRX												1	2,910.36
TOTAL	CRX #: 0021) The second s		53				11,950.00		100.00				14,960.36
													-	
														:

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0022

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:51:29

CRX Description: New Floor Pipe Drains

Rev#:	Status: Pricing	Cost Summar	ý	Subtrade	Sent	Due Date	Received	Quote \$
SI#: CCN#: RFI#:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	22,960.50 3,425.00 2,656.25					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00					
		Overhead: Fee:	7,014.28 0.00		-			
Remarks: Owners Allo	owance GMP2							
Cost Code: Notes:	950020 New floor pipe drains per Owner's request.Replace in Kind	Total Quote:	\$ 36,056.03					

そうきょう しゃく かほか たいしょうかい			10.00		anhours	Labor	Cost	Materia	I COSť	Equipme	nt Cost	Subtrad	e Cost	iotai	Cost
Description		Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
OUR FORCES WORK												1			
Management S/I New Roof Drains		1.00 1.00	LS LS	44.5 510.	44.5 510.	95.00 36.7314	4,227.50 18,733.00	3,425.00	3,425.00	556.25 2,100.00	556.25 2,100.00				4,783.75 24,258.00
OUR FORCES WORK		l te dige d te dige d			554.5		22,960.50		3,425.00		2,656.25			· · · ·	29,041.75
OUR FORCES & SUBTRA	DES		Y		554.5		22,960.50		3,425.00		2,656.25		; · · · <u>-</u>		29,041.75
MARKUP ON TOTAL CRX	-					н 1									
Overhead								· 						6.21%	1,803.49
Builders Risk														0.11%	36.96
															2,467.62
Gross Receipts Tax 65% of	;														283.16
10.1% = 6.565% Performance Bond														0.60%	2,221.25 201.80
MARKUP ON TOTAL CRX	на 1993 1945 г. 1943		272			stra jena s da si jena Stra jena se					and data on the second s				7,014.28
CRX #: 0022	ege profes				555		22,960.50		3,425.00		2,656.25				36,056.03
	Management S/I New Roof Drains DUR FORCES WORK DUR FORCES & SUBTRA MARKUP ON TOTAL CRX Dverhead Builders Risk Fee General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	Management S/I New Roof Drains DUR FORCES WORK DUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Dverhead Builders Risk Fee General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	Management 1.00 S/I New Roof Drains 1.00 DUR FORCES WORK DUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Dverhead Builders Risk General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	Management 1.00 LS S/I New Roof Drains 1.00 LS DUR FORCES WORK DUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Diders Risk General Liability Gross Receipts Tax 65% of Performance Bond MARKUP ON TOTAL CRX	Management 1.00 LS 44.5 S/I New Roof Drains 1.00 LS 510. DUR FORCES WORK	Management 1.00 LS 44.5 510. S/I New Roof Drains 1.00 LS 510. 510. DUR FORCES WORK 554.5 554.5 554.5 DUR FORCES & SUBTRADES 554.5 554.5 DUR FORCES & SUBTRADES 554.5 MARKUP ON TOTAL CRX Diverhead Builders Risk General Liability Gross Receipts Tax 65% of Performance Bond MARKUP ON TOTAL CRX	Management 1.00 LS 44.5 95.00 S/I New Roof Drains 1.00 LS 510. 510. 36.7314 DUR FORCES WORK 554.5 DUR FORCES & SUBTRADES 554.5 DUR FORCES & SUBTRADES 554.5 MARKUP ON TOTAL CRX Diverhead Builders Risk General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	Management 1.00 LS 44.5 95.00 4,227.50 S/I New Roof Drains 1.00 LS 510. 510. 36.7314 18,733.00 DUR FORCES WORK 554.5 22,960.50 DUR FORCES & SUBTRADES 554.5 22,960.50 MARKUP ON TOTAL CRX 554.5 22,960.50 Deverhead Builders Risk General Liability Gross Receipts Tax 65% of Performance Bond MARKUP ON TOTAL CRX	Management 1.00 LS 44.5 510. 95.00 4,227.50	Management S/l New Roof Drains 1.00 LS 44.5 95.00 4,227.50 3,425.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 3,425.00 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 Solutions Risk General Liability Gross Receipts Tax 65% of Performance Bond MARKUP ON TOTAL CRX MARKUP ON TOTAL CRX </td <td>Management S/l New Roof Drains 1.00 LS 44.5 95.00 4,227.50 3,425.00 3,425.00 2,100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 3,425.00 3,425.00 3,425.00 3,425.00 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 3,425.00 3,425.00 MARKUP ON TOTAL CRX 556.25 22,960.50 3,425.00 2,100.00 556.25 22,960.50 3,425.00 </td> <td>Management S/I New Roof Drains 1.00 LS 44.5 95.00 4,227.50 556.25 556.25 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,050.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,000.00 2,000.00 2,</td> <td>Management S/I New Roof Drains 1.00 LS 44.5 95.00 4.227.50 556.25 556.25 2,100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 2,100.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 MARKUP ON TOTAL CRX Dverhead Builders Risk General Liability Gross Receipts Tax 65% of 10.1% = 6.665% MARKUP ON TOTAL CRX </td> <td>Management S/I New Roof Drains 1.00 LS 44.5 510. 95.00 4.227.50 556.25 2100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 Duerhead Builders Risk General Liability Gross Receipts Tax 65% of MARKUP ON TOTAL CRX <</td> <td>Management S/I New Roof Drains 1.00 LS 44.5 50.0 4.227.50 3.425.00 3.425.00 2.100.00 </td>	Management S/l New Roof Drains 1.00 LS 44.5 95.00 4,227.50 3,425.00 3,425.00 2,100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 3,425.00 3,425.00 3,425.00 3,425.00 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 3,425.00 3,425.00 MARKUP ON TOTAL CRX 556.25 22,960.50 3,425.00 2,100.00 556.25 22,960.50 3,425.00	Management S/I New Roof Drains 1.00 LS 44.5 95.00 4,227.50 556.25 556.25 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,100.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,050.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,056.25 2,000.00 2,056.25 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,056.25 2,000.00 2,000.00 2,000.00 2,	Management S/I New Roof Drains 1.00 LS 44.5 95.00 4.227.50 556.25 556.25 2,100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 2,100.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 MARKUP ON TOTAL CRX Dverhead Builders Risk General Liability Gross Receipts Tax 65% of 10.1% = 6.665% MARKUP ON TOTAL CRX	Management S/I New Roof Drains 1.00 LS 44.5 510. 95.00 4.227.50 556.25 2100.00 DUR FORCES WORK 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 DUR FORCES & SUBTRADES 554.5 22,960.50 3,425.00 2,656.25 Duerhead Builders Risk General Liability Gross Receipts Tax 65% of MARKUP ON TOTAL CRX <	Management S/I New Roof Drains 1.00 LS 44.5 50.0 4.227.50 3.425.00 3.425.00 2.100.00

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0023

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:54:12

CRX Description: Plug Valve Replacement

Rev #:	Status: Pi	rocessed	Cost Summar	y n Merstellen Staat Staat	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$: 7'		Labor: Material: Equipment:	6,124.00 48,731.39 1,582.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	0.00					
			Overhead: Fee:	8,835.61 4,795.37					
Remarks: Owr	ners Allowance GMP2								
			Total Quote:	\$ 70,068.37					
Cost Code: Notes:	950017 Replace plug valves for ga request for pig launching.		\$						•

Cost			Labor Ma	nhours	Labor	Cost	Materia	al Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950017	Replace Plug for Gate VI	1.00 LS	145.	145.	42.2345	6,124.00	48,731.39	48,731.39	1,582.00	1,582.00				56,437.39
TOTAL	OUR FORCES WORK			145.		6,124.00		48,731.39		1,582.00				56,437.39
TOTAL	OUR FORCES & SUBTRADES			145.	• • • • • • • • • • • • • • • • • • • •	6,124.00		48,731.39		1,582.00	n en transference.			56,437.39
	MARKUP ON TOTAL CRX													
900001 012500	Overhead Performance Bond								·				6.21% 0.60%	3,504.76 392.16
012601 012602	General Liability Builders Risk								 				0.85% 0.11%	550.27 71.82
016730	Gross Receipts Tax 65% of 10.1% = 6.565%												6.565%	4,316.60
	Fee												8.00%	4,795.37
TOTAL	MARKUP ON TOTAL CRX					ny Kanala - -					l fors na stand Sugar det stand	· · · · · · · · · · · · · · · · · · ·		13,630.98
TOTAL	CRX #: 0023			145		6,124.00		48,731.39		1,582.00				70,068.37
						· .								

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0024

 Page:
 1

 Date:
 7/15/2019

 Time:
 15:57:12

CRX Description: Potable Water Substitution

Rev #:	Status: Pricing	Cost Summar	y	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	5,530.54 3,195.00 0.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00					
44010 Date:		Overhead: Fee:	1,366.03 741.39					
Remarks: Owners Allow	ance GMP2	Total Quote:	\$ 10,832.96					
Cost Code: Notes:	950003 Substituting PVC for 316 SS potabel water line piping		•					

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipment	Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
050000	Datable Mirata Daalaas	100 10	-80.	-80.	43.8932	0 E41 46	2 524 00	-2,534.00						-6,045.46
950003 950003	Potable Waste Replace Potable Waste Replace	1.00 LS	-80. 206.	206.	43.8932	-3,511.46 9,042.00	-2,534.00 5,729.00	5,729.00						14,771.00
	•	l								<u> </u>				0 705 54
TOTAL	OUR FORCES WORK	Г		126.	<u></u>	5,530.54	riitan ee	3,195.00	No <u>f y suite et</u>	· ·				8,725.54
TOTAL	OUR FORCES & SUBTRADES		2 de 16 de 17	126.		5,530.54		3,195.00	(4)42 (1)81 (4) 1	·	<u>, i , i , i , i , i , i , i , i , i , i</u>		i dan M	8,725.54
	MARKUP ON TOTAL CRX													
900001	Overhead												6.21%	541.86
012500	Performance Bond												0.60%	60.63
012601	General Liability												0.85%	85.07
012602 016730	Builders Risk Gross Receipts Tax 65% of												0.11%	11.10
010730	10.1% = 6.565%												6.565%	667.37
990100	Fee												8.00%	741.39
TOTAL	MARKUP ON TOTAL CRX			<u></u>		1961 (* 1945 <mark>– *</mark> 1967) 2010 (* 1977)								2,107.42
					Mana Lot	E 500 54		0.405.00	<u>.</u>					10,832.96
TOTAL	CRX #: 0024			126	요즘 실험을 다 나	5,530.54		3,195.00	an an tair an t		· 승규는 것 APP · ·			10,032.90
				~										
						-								

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

CRS05 PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0025

 Page:
 1

 Date:
 7/15/2019

 Time:
 16:02:19

CRX Description: Wet Well Skim Coat & Approved Coatings

Rev #:	Status: Pricing	Cost Summa	ry	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	0.00 0.00 0.00	A-O Painting, Inc. Southwest				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	108,803.00					
		Overhead: Fee:	17,033.76 9,244.77					
Remarks: Owners All	lowance GMP2	Total Quote:	\$ 135,081.53					
Cost Code: Notes:	950047 Costs for placing Seka skim coating in wet well. And Approved Coatings							

Cost			Labo	Manhours	Labor	Cost	Materia	l Cost	Equipmen	t Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity Uo	M Pr	od Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	SUBTRADE WORK													
700300 700350	AO Painting Southwest Environmental	1.00 i 1.00 i							 		-80,597.00 89,400.00	-80,597 189,400		-80,597.00 189,400.00
TOTAL	SUBTRADE WORK				i jožana se ježite i ježina se ježite i	n gabaga jagaba Si gabaga jagaba						108,803.00	i dipe de	108,803.00
TOTAL	OUR FORCES & SUBTRADES	lang semenan tat Bring										108,803.00		108,803.00
	MARKUP ON TOTAL CRX	ļ											i	
900001	Overhead		-							"			6.21%	6,756.67
012601 012602	General Liability Builders Risk												0.85% 0.11%	1,060.84 138.45
016506 016730	Performance Bond Gross Receipts Tax 65% of		-										0.60%	756.02
990100	10.1% = 6.565% Fee		-									•	6.565% 8.00%	8,321.78 9,244.77
	-						· Weiterstein der in				due to recent		0.00 %	
TOTAL	MARKUP ON TOTAL CRX			12 12 12 13 13 15 <u>15</u> 15 15 15 15 15 15 15 15 15 15 15 15 15	a Lalfataire. I						g medial metalogij			26,278.53
TOTAL	CRX #: 0025	i and a second				 		 				108,803.00		135,081.53
								10 m ¹⁴						

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0026

Page: 1 Date: 7/15/2019 Time: 16:06:55

CRX Description: Air Injection Credit

Rev#:	Status: Processed	Cost Summa	ſ y	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$: -20,213	Labor: Material: Equipment:	-7,376.00 -4,580.00 -4,020.00					
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00					
		Overhead: Fee:	-2,501.14 -1,357.45					
Remarks: Owners	Allowance GMP2	Total Quote:	-\$ 19.834.59					
Cost Code: Notes:	950022 Credit to Owner for air injection manhole.		-ψ 10,00 4.0 0					

Cost			Labor Ma	anhours	Labor	Cost	Materia	I Cost	Equipme	ent Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950022	Deduct for Air Injectors	1.00 LS	96.	96.	-76.8333	-7,376.00	-4,580.00	-4,580.00	-4,020.00	-4,020.00				-15,976.00
TOTAL	OUR FORCES WORK			96.		-7,376.00		-4,580.00		-4,020.00				-15,976.00
TOTAL	OUR FORCES & SUBTRADES			96.		-7,376.00	she ka ka ka sa	-4,580.00	7021 728	-4.020.00			المحرية المعري	-15,976.00
TUTAL	OUR FURCES & SUBTRADES			50.		-1,010.00		-1,000.00	<u> </u>	-4,020.00	and the second s			10,070.00
	MARKUP ON TOTAL CRX													
900001	Overhead												6.21%	-992.11
012062	Builders Risk							`					[.] 0.11%	-20.33
012500	Performance Bond												0.60%	-111.01
012601 016730	General Liability Gross Receipts Tax 65% of												0.85%	-155.77
010750	10.1% = 6.565%								· ·				6.565%	-1,221.92
990100	Fee					·		·					8.00%	-1,357.45
TOTAL	MARKUP ON TOTAL CRX	g Nadara Kang Provinsi Provinsi Provinsi Provi Provinsi Provinsi P					an an tain			2 -				-3,858.59
				•										
TOTAL	CRX #: 0026		e egel i s	96		-7,376.00		-4,580.00		-4,020.00	불감장이는			-19,834.59
										-				

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0027

 Page:
 1

 Date:
 7/15/2019

 Time:
 16:09:36

CRX Description: Mixer Credit

Rev#:	Status: Pricing	Cost Summa	ry	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	-137.00 -65,175.00 0.00	Ludvik Electric Co. Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	1,793.00					
		Overhead: Fee:	-9,944.28 -5,397.08					
Remarks: Owners A	Ilowance GPM2	1						
Cost Code: Notes:	950021 Credit to Owner for mixers if the wet well wizzard works as advertised.	Total Quote:	-\$ 78,860.36	· ·				

Cost			Labor Ma	nhours	Labor	Cost	Materia	al Cost	Equipment	t Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK				:									
9 950021	Credit of Mixing Pumps Credit of Mixing Pumps	1.00 LS -1.00 LS	40. 44.	40. -44.	34.25 34.25	1,370.00 -1,507.00		4,750.00 -69,925.00						6,120.00 -71,432.00
TOTAL	OUR FORCES WORK		an a bha a ch	-4.		-137.00		-65,175.00					n a tha	-65,312.00
	SUBTRADE WORK													
950021 950021	Install Wet Well Wizard Ludvik Electric Co.	1.00 LS -1.00 LS									4,127.00 2,334.00	4,127 -2,334		4,127.00 -2,334.00
TOTAL	SUBTRADE WORK						lan adda.				e da la an actor de	1,793.00		1,793.00
			•											÷
TOTAL	OUR FORCES & SUBTRADES			4.		-137.00	erender og hander	-65,175.00				1,793.00		-63,519.00
	MARKUP ON TOTAL CRX													•
900001 012500 012601	Overhead Performance Bond General Liability					 	 	 		 	 	 	6.21% 0.60% 0.85%	-3,944.53 -441.36 -619.32
012602 016730	Builders Risk Gross Receipts Tax 65% of 10.1% = 6.565%												0.11% 6.565%	-80.83 -4.858.24
990100	Fee												8.00%	-5,397.08
TOTAL	MARKUP ON TOTAL CRX							(alla in tabl				i li the	-15,341.36
TOTAL	CRX #: 0027	en de la casa de la ca La casa de la		-4		-137.00		-65,175.00				1,793.00		-78,860.36

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0028

Page: 1 Date: 7/15/2019 Time: 16:18:33

CRX Description: Overhead Crane Substitution

Rev #:	Status:	Pricing	Cost Summary		Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	-1,032.00 -150.00 0.00	A-O Painting, Inc. Ludvik Electric Co. SH Engineering &				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	-37,052.00					
			Overhead: Fee:	-9,234.42 0.00					
Remarks:	Owners Allowance GMP2								
			Total Quote:	-\$ 47,468.42					
Cost Code: Notes:	950024 Credit for overhead cr	ane substitution.							

Cost			1	Labor Ma	anhours	Labor	Cost	Materia	l Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity L	JoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950024	Substitution of OH Crane	-1.00	LS	16.	-16.	64.50	-1,032.00	150.00	-150.00						-1,182.00
TOTAL	OUR FORCES WORK		- C		-16.		-1,032.00		-150.00						-1,182.00
	SUBTRADE WORK											-			
950024	A-O Painting, Inc.	1.00	LS									0,000.00	-3,850		-3,850.00
950024 950024	Ludvik Electric Co. SH Engineering & (70% Mat 30%	1.00	LS									-1,702.00	-1,702	·	-1,702.00
330024	Lab)	1.00	LS									-31,500.00	-31,500		-31,500.00
TOTAL	SUBTRADE WORK	. and the						l and a l		ed jajo da k		n Alexandra	-37,052.00		-37,052.00
TOTAL	OUR FORCES & SUBTRADES			iya walati	-16.	- 490 (m. m.	-1,032.00		-150.00				-37,052.00		-38,234.00
	MARKUP ON TOTAL CRX					-									
950024	Overhead						-						·	6.21%	-2,374.33
950024	Builders Risk											· ·		0.11%	-48.65
950024	Fee													8.00%	-3,248.67
950024	General Liability													0.85%	-372.78
950024	Gross Receipts Tax 65% of												·		
	10.1% = 6.565%					·								6.565%	-2,924.32
950024	Performance Bond													0.60%	-265.67
TOTAL	MARKUP ON TOTAL CRX							an bahan na sa San dan bahan sa Matalah sa sa sa sa		aturi Salaher (20022) (Salahir)			: ::-: - :		-9,234.42
TOTAL									-150.00				-37,052.00		-47,468.42

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0030

Page: 1 Date: 7/15/2019 Time: 16:25:40

CRX Description: Wet Well Channel Mods

Rev #:	Status:	Pricing	Cost Summar	Ŋ	Subtrade	Sent	Due Date	Received	Quote \$
SI#: CCN#: RFI#:	Approved CO #: Approved CO Date: Approved CO Amt \$:	, nong	Labor: Material: Equipment:	53,810.00 11,743.00 1,893.00	SH Engineering &				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	×*.	Subtrade: Overhead: Fee:	3,008.00 17,016.32 0.00					
Remarks: O	wners Aliowance GPM2	. · · ·	Total Quote:	\$ 87,470,32					
Cost Code: Notes:	950026 Modifaction of the Wet (Added Project Time) \ completed on T&M	Well Influent Channels Work needs to be		\$ 87,470.3Z					

Cost			Labor Ma	anhours	Labor	Cost	Materia	al Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
016010 950026	Management Wet Well Channel T&M	1.00 LS 1.00 LS		239. 858.	79.6444 40.5303	19,035.00 34,775.00	 11,743.00	 11,743.00	1,893.00	1,893.00 				20,928.00 46,518.00
TOTAL	OUR FORCES WORK			1,097.		53,810.00		11,743.00		1,893.00				67,446.00
	SUBTRADE WORK													
950026	SH Engineering & (100% Non Process Material)	1.00 LS			·						3,008.00	3,008		3,008.00
TOTAL	SUBTRADE WORK									-1		3,008.00	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	3,008.00
TOTAL	OUR FORCES & SUBTRADES		111.0.8	1,097.		53,810.00		11,743.00	ingen in de la companya de la	1,893.00		3,008.00		70,454.00
	MARKUP ON TOTAL CRX													
950026 950026 950026 950026	Overhead Builders Risk Fee General Liability	 	 	 	 				 	·	 		6.21% 0.11% 8.00% 0.85%	4,375.19 89.65 5,986.34 686.93
950026 950026	Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond			·		·							6.565% 0.60%	5,388.66 489.55
TOTAL	MARKUP ON TOTAL CRX													17,016.32

Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0030

 Page:
 2

 Date:
 7/15/2019

 Time:
 16:25:40

CRX Description: Wet Well Channel Mods

Cost			$= \frac{1}{2} \frac{1}{1} $	Labor Ma		Labor	Cost	Materia	al Cost	Equipm	ent Cost	Subtrad	le Cost	Total	Cost
Code	Description	and the second second	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
TOTAL	CRX #: 0030				1,097		53,810.00	terio de la composición de la composicinda composición de la composición de la composición de la compo	11,743.00	ing an	1,893.00		3,008.00	a di sina a	87,470.32
		<u>- 1 1 1 2 2 2 2 2 1</u>	<u> </u>	<u>- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19</u>	1,007		00,010.00		11,7-5.00		1,000.00		3,000.00	<u>, a particular se </u>	01,410.02
									*						
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				.											

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0031

 Page:
 1

 Date:
 7/15/2019

 Time:
 16:28:11

CRX Description: Forcemain C at Pig Launcher

Rev #:	Status: Processed	Cost Summar	y tai tai tai ta	Subtrade	9	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$: 19,563	Labor: Material: Equipment:	3,954.00 6,516.00 826.00						
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	4,166.00						
		Overhead: Fee:	2,420.68 1,313.78				-		
Remarks: Owners Allowa	ance GMP2		.,						
	· · · · · · · · · · · · · · · · · · ·	Total Quote:	\$ 19,196.46						
Cost Code: Notes:	950023 Extend Future Pig Launcher Piping @ Forcema C above Grade	ain		• .			А		

Cost			Labor M	anhours	Labor	Cost	Materia	I Cost	Equipme	nt Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity Uo	M Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
•	OUR FORCES WORK												м. 	
950023	Forcemain C at PigL	1.00 L	.S 92.	92.	42.9783	3,954.00	6,516.00	6,516.00	826.00	826.00				11,296.00
TOTAL	OUR FORCES WORK			92.		3,954.00		6,516.00		826.00				11,296.00
	SUBTRADE WORK													
950023	Desert Coating Solutions	1.00 L	s								4,166.00	4,166		4,166.00
TOTAL	SUBTRADE WORK	· · · · · · · · · · · · · · · · · · ·	· · · · ·	l				 			I	4,166.00		4,166.00
TOTAL	OUR FORCES & SUBTRADES			92.		3,954.00	10.0	6,516.00		826.00	- Constant -	4,166.00		15,462.00
	MARKUP ON TOTAL CRX													
900001	Overhead										·		6.21%	960.19
012506	Performance Bond												0.60%	107.44
012601	General Liability						·						0.85%	150.76
012602	Builders Risk Gross Receipts Tax 65% of												0.11%	19.68
010/30	10.1% = 6.565%												6.565%	1,182.61
990100	Fee												8.00%	1,313.78
TOTAL	MARKUP ON TOTAL CRX	k National Constant National Constant National Constant			nghigit - ait agus ag - a dala						Na sang sang sang sang sang Kang sang sang sang sang sang sang sang s	aaltaa oo ahaanta ahaa ahaa ahaan ahaa ahaa ahaa ahaa		3,734.46
TOTAL	CRX #: 0031			92	a nalid inde over the state	3,954.00	S. Setterdeset av	6,516.00		826.00		4,166.00	New res	19,196,46

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0032

 Page:
 1

 Date:
 7/22/2019

 Time:
 15:46:21

CRX Description: New Sump Pumps in Dry Pump Room

Rev#:	Status: Pricing	Cost Summar	y and a second second	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	526.69 599.90 0.00	Ludvik Electric Co. SH Engineering &				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	3,525.00					
	•	Overhead: Fee:	1,123.47 0.00					
Remarks: Owners Allowand	e GPM2	Total Quote:	\$ 5,775.06					
Cost Code: Notes:	950025 Provide and Install New Sump Pumps and Pi in Dry Pump Room Sump.							

Cost		i danaharin		Labor Ma	nhours	Labor (Cost	Material	Cost	Equipment	t Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950025	New Sump Pmps	1.00	LS	12.	12.	43.8908	526.69	599.90	599.90						1,126.59
TOTAL	OUR FORCES WORK		, 1999) 1999 -		12.	38.285	526.69	ya saya dalar. Tanakar	599.90					ting (1,126.59
	SUBTRADE WORK	1.													
600140 700010	Metals Bid Package Ludvik	1.00 1.00	LS LS									1,275.00 2,250.00	1,275 2,250		1,275.00 2,250.00
TOTAL	SUBTRADE WORK		i ta	an geride									3,525.00		3,525.00
TOTAL	OUR FORCES & SUBTRADES	alaga, 1771 - A	1. 1. j.		12.	Server and the server	526.69		599.90				3,525.00	- Sela - Martin	4,651.59
	MARKUP ON TOTAL CRX												-		
950025	Overhead							·						6.21%	288.86
950025	Builders Risk								}					0.11%	5.92
950025	Fee													8.00% 0.85%	395.24 45.35
950025 950025	General Liability Gross Receipts Tax 65% of													0.00 %	40.00
950025	10.1% = 6.565%													6.565%	355.78
950025	Performance Bond													0.60%	32.32
TOTAL	MARKUP ON TOTAL CRX				<u></u>			en e	al for the state			lis o kon Sona Saidabata Said			1,123.47
TOTAL	CRX #: 0032		-5177	line service	12	area da la	526.69		599.90			e Epsterie en se	3,525.00	State State	5,775.06

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0033

 Page:
 1

 Date:
 7/22/2019

 Time:
 15:54:38

CRX Description: Mansonry Wall Paint

Rev #:	Status: Pricing	Cost Summar	У	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	2,163.00 400.00 0.00	A-O Painting, Inc.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	7,423.00					
		Overhead: Fee:	2,411.86 0.00				-	
Remarks: Owners A	llowance GPM2	Total Quote:	¢ 10 207 86					
Cost Code: Notes:	950046 Existing wall only, PCL to cover new wall.		\$ 12,397.86					

Cost				Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity U	oM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950046	Mansonry Wall Painting	1.00	LS	40.	40.	54.075	2,163.00	400.00	400.00						2,563.00
TOTAL	OUR FORCES WORK				40.		2,163.00		400.00		a de la compañía de l			1.12	2,563.00
	SUBTRADE WORK														
950046	A-O Painting, Inc.	1.00	LS									7,423.00	7,423		7,423.00
TOTAL	SUBTRADE WORK		a de la	sale her to									7,423.00	t San a statu San ang statu	7,423.00
			Í												
TOTAL	OUR FORCES & SUBTRADES			te sa pala s	40.		2,163.00		400.00				7,423.00		9,986.00
	MARKUP ON TOTAL CRX														
	Overhead												 -	6.21%	620.13
	Builders Risk													0.11%	12.71
	Fee													8.00%	848.49
	General Liability	·												0.85%	97.36
	Gross Receipts Tax 65% of													0.50594	700 70
	10.1% = 6.565% Performance Bond								, _					6.565% 0.60%	763.78 69.39
TOTAL	MARKUP ON TOTAL CRX				· · · ·									an An ann an Airte an Anna Anna An Anna Anna Anna Anna Ann	2,411.86
TOTAL	CRX #: 0033				40		2,163.00		400.00			landi ang ang ang ang ang Pang tang tang ang ang ang ang ang ang ang ang ang	7,423.00		12,397.86

Project: Continental Rarich Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0036

Page: 1 Date: 7/22/2019 Time: 15:58:10

CRX Description: Section Line Perm. Spools

Rev#:	Status:	Quoted	Cost Summar	У	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	5,430.00 1,280.00 0.00	Professional Piping				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	8,664.00					
			Overhead: Fee:	3,713.20 0.00					
Remarks: O	wners Allowance GMP2		Total Quote:	\$ 19.087.20				-	•
Cost Code: Notes:	950028 Replace Plug Valves w	ith Spools		\$ 13,007.20					

Cost			Labo	r Manhours	Labo	r Cost	Materia	al Cost	Equipm	ent Cost	Subtrad	le Cost	Total	Cost
Code	Description	Quantity Uo	oM Pi	od Tota	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK				· · ·									
950028	Pump Suc Perm Spool	1.00	LS 1	20. 120	45.25	5,430.00	1,280.00	1,280.00						6,710.00
TOTAL	OUR FORCES WORK			120	unaria di 17 Materia	5,430.00		1,280.00			e të në politi		all and the first	6,710.00
	SUBTRADE WORK				-					:				
950028 950028	Harrington Industrial Plastics Professional Piping	1.00 1.00									1,542.00 7,122.00	1,542 7,122		1, 542.00 7,122.00
TOTAL	SUBTRADE WORK	L		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			· · · ·		<u> </u>	8,664.00		8,664.00
TOTAL	OUR FORCES & SUBTRADES		1.65	120		5,430.00	· 영상 - 2012년	1,280.00	entring (Ast			8,664.00		15,374.00
·	MARKUP ON TOTAL CRX													
	Overhead Builders Risk		1										6.21% 0.11%	954.73 19.56
	Fee		i										8.00%	1,306.30
	General Liability Gross Receipts Tax 65% of									·		,	0.85%	149.90
	10.1% = 6.565% Performance Bond												6.565% 0.60%	1,175.88 106.83
TOTAL	MARKUP ON TOTAL CRX										fa gadet en la sec Region de compositiones Regiones de compositiones de compositiones de compositiones de compositiones de compositiones de compositiones		den en Spiritet a gebore despiri	3,713.20
	CRX #: 0036			120		5.430.00		1.280.00				8.664.00		19,087.20

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0037

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:01:43

CRX Description: Force Main C Disman Joint

Rev#:	Status:	Quoted	Cost Summary	n a grandmann a ann. Na mar Grandmann a sua	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date:	12,182	Labor: Material: Equipment:	2,672.50 3,381.00 0.00	Professional Piping				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	3,575.00					
Quote Dute.			Overhead: Fee:	1,507.39 818.11					
Remarks:	Owners Allowance GMP2		-						
			Total Quote:	\$ 11,954.00					
Cost Code: Notes:	950027 Owner Requested Disn	n. Joint.							

Cost			Labor Ma	inhours	Labor	Cost	Materia	I Cost	Equipment	Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity Uol	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950027	Forcemain C Dismantling	1.00 L	8 84.	84.	31.8155	2,672.50	3,381.00	3,381.00						6,053.50
950027	Forceman C Dismanting	1.00 L	5 04.	04.	31.0100	2,072.50	3,301.00	3,301.00						0,000.00
TOTAL	OUR FORCES WORK			84.		2,672.50	Sterio de la	3,381.00	Station 11	i gode l -je l		1 - <u>1</u> -	in the second	6,053.50
	SUBTRADE WORK													
950027	Desert Coatings	1.00 L	3								855.00	855		855.00
950027	Forcemain C Dismantling	1.00 L									2,720.00	2,720		2,720.00
TOTAL	SUBTRADE WORK	2 - 5 - 2 										3,575.00		3,575.00
TOTAL	OUR FORCES & SUBTRADES		Sui tha chung 17	84.	- <u>1945</u> 1 - 20	2,672.50		3,381.00	syn a'r ar add yr y			3,575.00		9,628.50
	MARKUP ON TOTAL CRX													
900001	Overhead				·								6.21%	597.93
012506	Performance Bond												0.60%	66.90
012601	General Liability												0.85%	93.88
012602 016730	Builders Risk Gross Receipts Tax 65% of									·			0.11%	12.25
010/30	10.1% = 6.565%												6.565%	736.43
990100	Fee			·							·		8.00%	818.11
TOTAL	MARKUP ON TOTAL CRX			: · · . - - - .		· · · · · ·							delation de	2,325.50
TOTAL	CRX #: 0037	n and a straight	Standard Broother	84		2,672.50	Matan Setta	3,381.00	e en la prese	a pinger kung	- JAC 14	3.575.00		11,954.00

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0039

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:09:14

CRX Description: Rooftop Safety Guardrail

Rev #:	Status:	Quoted	Cost Summa	y	S	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	2,385.00 650.00 342.00	P	Professional Piping				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	26,700.00						
		•	Overhead: Fee:	7,264.30 0.00						
Remarks: Owr	ners Allowance GMP2		THE							
Cost Code: Notes:	950029 Safety Rail around Sou	th Roof (Life Safety)	Total Quote:	\$ 37,341.30						

Cost				Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipme	nt Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950029	Rooftop Safty Rail	1.00	LS	52.	52.	45.8654	2,385.00	650.00	650.00	342.00	342.00				3,377.00
TOTAL	OUR FORCES WORK			¹⁰ (¹⁰	52.		2,385.00		650.00		342.00				3,377.00
	SUBTRADE WORK	•													
950029	Rooftop Safty Rail	1.00	LS							. 		26,700.00	26,700		26,700.00
TOTAL	SUBTRADE WORK										10 gy-5-		26,700.00		26,700.00
TOTAL	OUR FORCES & SUBTRADES	a sa	din .	a signa	52.		2,385.00	ligel and good	650.00		342.00	ang ta	26,700.00	la de la com	30,077.00
	MARKUP ON TOTAL CRX					÷									
950029	Overhead									·				6.21%	1,867.78
950029 950029	Builders Risk Fee													0.11% 8.00%	38.27
950029	General Liability													0.85%	2,555.58 293.25
950029	Gross Receipts Tax 65% of														
050000	10.1% = 6.565%													6.565% 0.60%	2,300.43 208.99
950029	Performance Bond													0.00%	208.99
TOTAL	MARKUP ON TOTAL CRX		6401 1727		·	and yet and a an an a	n statistic de sale 16 - Egen Statistic				a e and a t aire			n an	7,264.30
TOTAL	CRX #: 0039	to a start of a			52		2,385.00		650.00		342.00		26,700.00		37,341.30
<u></u>				<u> </u>					· · · ·		<u>· · · · · · · · · · · · · · · · · · · </u>				

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0040

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:15:29

CRX Description: 16" Mag Meter and Spool

Rev #:	Status:	Pricing	Cost Summar	У	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	3,548.00 896.00 159.00	Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	8,995.00					
			Overhead: Fee:	3,284.24 0.00					
Remarks: (Owners Allowance GMP2								
Cost Code: Notes:	950030 New Mag Meter and c	onnecting spool.	Total Quote:	\$ 16,882.24					·

WORK & Spool WORK DRK Co.	Quantity 1.00	UoM LS LS	Prod 64.	Total 64. 64.	Rate 55.4375	Total 3,548.00 3,548.00	Rate 896.00	Total 896.00 896.00	Rate 159.00	Total 159.00	Rate	Total	Rate	Total 4,603.00
& Spool WORK DRK Co.			nd orden over Ag daler og s		55.4375		896.00		159.00					4,603.00
WORK DRK Co.			nd orden over Ag daler og s		55.4375		896.00		159.00					4,603.00
DRK Co.	1.00	LS		64.		3,548.00	L National National	00 308		4 50 00	I			
Co.	1.00	LS						000.00		159.00	1 a			4,603.00
	1.00	LS							-					
DRK											8,995.00	8,995		8,995.00
										<u> </u>		8,995.00		8,995.00
& SUBTRADE	<u>S </u>			64.	<u></u>	3,548.00		896.00	aletter et fan i	159.00		8,995.00	<u> </u>	13,598.00
OTAL CRX														
								·					6.21%	844.44
										 			0.11% 8.00%	17.30 1,155.39
Tax 65% of										·			0.85%	132.58
% ond													6.565% 0.60%	1,040.04 94.49
OTAL CRX														3,284.24
				64		3.548.00		896.00		159.00		8,995.00		16,882.24
6 Sn	d	d	d	d	d	d	d	d	d	d	d	d	d	d

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0041

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:22:11

CRX Description: Transport Pumps and Inspection

Rev #:	Status: Pricing	Cost Summary		Subtrade	en par en en Secondaria	an di Maria Calanti da Maria	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	7,623.00 650.00 8,069.00							
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00							
		Overhead: Fee:	3,946.99 0.00							
Remarks: Owners A	Nowance GMP2	Total Quote:	\$ 20,288.99						.	
Cost Code: Notes:	950031 Transport Pumps from Pima County CRPS and JCH investigation	Yard to								

Cost			Labor Ma	nhours	Labor	Cost	Material	Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK											;		
950031	Transport Pumps & JCH	1.00 LS	162.	162.	47.0556	7,623.00	650.00	650.00	8,069.00	8,069.00	· . 			16,342.00
TOTAL	OUR FORCES WORK	en ander de		162.		7,623.00		650.00		8,069.00	C			16,342.00
TOTAL	OUR FORCES & SUBTRADES			162.	and a state	7,623.00	vieto de la como	650.00		8,069.00				16,342.00
	MARKUP ON TOTAL CRX								•					
950031	Overhead												6.21%	1,014.84
950031	Builders Risk				·								0.11%	20.80
950031	Fee							·					8.00%	1,388.55
950031	General Liability												0.85%	159.34
950031	Gross Receipts Tax 65% of						· ·					1	0 5050	4 0 40 04
950031	10.1% = 6.565% Performance Bond												6.565% 0.60%	1,249.91 113.55
920021	Periormance Bond												0.00 /0	110.00
TOTAL	MARKUP ON TOTAL CRX				er fra standarden Maria er den den serena Maria er den den serena			1. ja 1. - 3.		<u></u>				3,946.99
TOTAL	CRX #: 0041			162		7,623.00		650.00	al	8.069.00				20,288.99
TOTAL	CRA #. 0041		ander steren	<u>, 194</u>	<u></u>	1,020.00	anadia in an air	000.00		0,000.00		and the second second second		
		· · ·												

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Project:Continental Ranch Regional Pump Station Upgrade Project 3CRS05Location:10050 N. Coachline Rd., Tucson, AZ

CRS05 PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0043

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:26:44

CRX Description: Owner Req Change to HDPE

Rev#:	Status: Pricing	Cost Summa	ry	Subtrade	and the second	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	2,907.00 6,725.00 220.00						
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	0.00					· ·	
		Overhead: Fee:	2,379.50 0.00						
Remarks: Owners	s Allowance GMP2								
Cost Code: Notes:	950033 Owners requested changes on HDPE Pipe on Pump #3 and inside of FMP wet well	Total Quote:	\$ 12,231.50		• .				

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950033	HDPE Pipe Mods FMP	1.00 LS	56.	56.	51.9107	2,907.00	6,725.00	6,725.00	220.00	220.00				9,852.00
TOTAL	OUR FORCES WORK			56.		2,907.00		6,725.00		220.00				9,852.00
												/		
TOTAL	OUR FORCES & SUBTRADES	ingen stationen in der		56.		2,907.00		6,725.00		220.00	generation de			9,852.00
	MARKUP ON TOTAL CRX													
950033	Overhead				·								6.21%	611.81
950033	Builders Risk									·			0.11%	12.54
950033	Fee												8.00%	837.10
950033 950033	General Liability Gross Receipts Tax 65% of												0.85%	96.06
900000	10.1% = 6.565%												6.565%	753.53
950033	Performance Bond						·						0.60%	68.46
TOTAL	MARKUP ON TOTAL CRX	line and a second s		 			n an		an an Arrent Contact An Arrent Contact					2,379.50
TOTAL	CRX #: 0043			56		2,907.00		6,725.00	land i statistica Sali stratistica	220.00				12,231.50
					1			. '						
	· · · · · · · · · · · · · · · · · · ·							-						
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			· ·		1									

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0044

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:30:35

CRX Description: Metal Roof Replacement

Rev #:	Status: Pricing	Cost Summa	Ŋ	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Arnt \$:	Labor: Material: Equipment:	5,143.00 1,239.00 0.00	Progressive				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	45,345.00					
		Overhead: Fee:	12,493.31 0.00					
Remarks: Owners	Allowance GMP2							
		Total Quote:	\$ 64,220.31					
Cost Code: Notes:	950034 Replacement of the existing Metal Roof with a Standing Seam Metal Roof							

Cost		1	1.1	Labor Ma	nhours	Labor	Cost	Materia	l Cost	Equipme	nt Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK											-			
950034	Metal Roof Replacment	1.00	LS	96.	96.	53.5729	5,143.00	1,239.00	1,239.00						6,382.00
TOTAL	OUR FORCES WORK		e		96.		5,143.00		1,239.00						6,382.00
	SUBTRADE WORK					-									
950034	Progressive	1.00	LS					•••				45,345.00	45,345		45,345.00
TOTAL	SUBTRADE WORK					1							45,345.00	· · · · · · · · · · · · · · · · · · ·	45,345.00
						-									
TOTAL	OUR FORCES & SUBTRADES		sin as		96.		5,143.00		1,239.00			ine e _{nter} t e byg	45,345.00	Second Second	51,727.00
	MARKUP ON TOTAL CRX														
950034	Overhead						·							6.21%	3,212.25
950034	Builders Risk													0.11%	65.82
950034	Fee													8.00%	4,395.14
950034 950034	General Liability Gross Receipts Tax 65% of													0.85%	504.34
900004	10.1% = 6.565%													6.565%	3,956.33
950034	Performance Bond	*												0.60%	359.43
TOTAL	MARKUP ON TOTAL CRX						n a sang tang tang tang tang tang tang tang t					and here a state of the state o			12,493.31
TOTAL	CRX #: 0044		- Statu		96		5.143.00		1.239.00		-) 1. 2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	45,345.00		64,220.31

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0045

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:36:24

CRX Description: Pump Room Crane Demo

Rev#:	Status: Pricing	Cost Summa	y	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	5,970.00 1,159.00 0.00	Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	1,484.00					
		Overhead: Fee:	2,080.25 0.00					
Remarks: Owners Allowa	nce GMP2	Total Quote:	\$ 10,693.25					
Cost Code: Notes:	950035 Removal of the Crane Bridge Beam and Hoist from Drywell Pump Room							

Cost			Labor Ma	nhours	Labor	Cost	Materia	l Cost 👘	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK	er e e												
950035	Pump Room Crane Demo	1.00 LS	128.	128.	46.6406	5,970.00	1,159.00	1,159.00						7,129.00
TOTAL	OUR FORCES WORK			128.		5,970.00	NAL DE L	1,159.00		na la te t	Yalaya (7,129.00
	SUBTRADE WORK													
950035	Ludvik Electric Co.	1.00 LS									1,484.00	1,484		1,484.00
			L						<u> </u>			1 494 00		1,484.00
TOTAL	SUBTRADE WORK	<u> </u>	5. s.t.		·		<u> </u>				<u> </u>	1,484.00		1,404.00
TOTAL	OUR FORCES & SUBTRADES	10.66-145-145-145-145-145-145-1		128.	a statistica e se s	5,970.00	galleg trage	1,159.00	da Maria	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		1,484.00	Villi ngéalainn	8,613.00
	MARKUP ON TOTAL CRX													
950035	Overhead												6.21%	534.87
950035	Builders Risk												0.11%	10.96
950035	Fee												8.00%	731.83
950035	General Liability					,-							0.85%	83.98
950035	Gross Receipts Tax 65% of												0 5050	
	10.1% = 6.565%												6.565% 0.60%	658.76 59.85
950035	Performance Bond												0.00%	59.65
TOTAL	MARKUP ON TOTAL CRX					a a disa disa di sa si si Anggan di sa si	allen de la segura Recettemente de						i selembroite Anti-anti-anti-anti- Alaman	2,080.25
TOTAL	CRX #: 0045		1 1041	128		5,970.00	1000000	1,159.00	in an			1,484.00	neta neta	10,693.25

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0047

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:42:32

CRX Description: Demo Air Compressors

Rev#:	Status: Pricing	Cost Summar	y	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	8,892.00 3,802.00 0.00	Ludvik Electric Co.			•	
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	1,484.00					
		Overhead: Fee:	3,424.33 0.00					
Remarks: Owners Allow	wance GMP2	Total Quote:	\$ 17,602.33					
Cost Code: Notes:	950036 Demo Air Compressors in Scruber Room and Deliver to Pima County Yard per County's request.	iotal Quote.	Ψ 17,002.00					

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipmer	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950036	Demo Air Compressors	1.00 LS	96.	96.	92.625	8,892.00	3,802.00	3,802.00						12,694.00
TOTAL	OUR FORCES WORK			96.		8,892.00		3,802.00					del grad	12,694.00
	SUBTRADE WORK		-											
950036	Ludvik Electric Co.	1.00 LS									1,484.00	1,484		1,484.00
TOTAL	SUBTRADE WORK				i ne di tina. Ne materi		ann a Bhri	a an Nga Intag Bartan Sala				1,484.00		1,484.00
TOTAL	OUR FORCES & SUBTRADES			96.	distant oo	8,892.00		3,802.00				1,484.00		14,178.00
	MARKUP ON TOTAL CRX													
950036 950036	Overhead Builders Risk												6.21% 0.11%	880.45 18.04
950036	Fee												8.00% 0.85%	1,204.68
950036 950036	General Liability Gross Receipts Tax 65% of												6.565%	1.084.40
950036	10.1% = 6.565% Performance Bond												0.60%	98.52
TOTAL	MARKUP ON TOTAL CRX				adad bi c		est est ava				San an Araba		> <u>(</u>)27 ⁰⁰⁰	3,424.33
TOTAL	CRX #: 0047		1. An 1994 - A	96		8,892.00		3,802.00		1994 († - 19		1,484.00		17,602.33

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0050

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:48:01

CRX Description: Vent Stack for Exhaust Fans

Rev #:	Status:	Pricing	Cost Summa	rý Plate	Subtrade	n an Subangal (Subangal) Subangal (Subangal)	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	4,456.00 1,950.00 801.00						
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	0.00						
			Overhead:	1,740.66						
			Fee:	0.00	•					
Remarks: Ov	wners Allowance GMP2									
			Total Quote:	\$ 8,947.66						
Cost Code:	950039			. ,	1					
Notes:	Install Extensions to E issues	xhaust fans due to code	•							

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipme	nt Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950039	Extended Exhaust Fan Stk	1.00 LS	90.	90.	49.5111	4,456.00	1,950.00	1,950.00	801.00	801.00				7,207.00
TOTAL	OUR FORCES WORK			90.		4,456.00	n la ser la serie de la ser	1,950.00		801.00	ng Alif Nange Man Turkan ang Pang		n in the second se	7,207.00
TOTAL	OUR FORCES & SUBTRADES		Lander de	90.		4,456.00		1,950.00		801.00		na an a		7,207.00
	MARKUP ON TOTAL CRX				-									
950039 950039	Overhead Builders Risk												6.21%	447.55
950039 950039 950039	Fee General Liability					· • • •							0.11% 8.00% 0.85%	9.17 612.36 70.27
950039	Gross Receipts Tax 65% of 10.1% = 6.565%												6.565%	551.23
950039	Performance Bond							·					0.60%	50.08
TOTAL	MARKUP ON TOTAL CRX													1,740.66
TOTAL	CRX #: 0050			90		4,456.00	i i a como de la como En como de la	1,950.00		801.00				8,947.66
		e e e se finhel e e e	- <u>1995</u> - 1995 - 1905 - 1905 - 1905 - 1905 - 1905 - 1905 - 1905				ana ana ana a	and the second second					<u> </u>	,
	· · ·						,							
				·										

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0051

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:50:59

CRX Description: Replace Roof Top Unit Disconnects

Rev#:	Status: Pricing	Cost Summary	d and a second secon	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	0.00 0.00 0.00	Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	5,800.00					
		Overhead: Fee:	1,400.83 0.00					
Remarks: Owners Allo	owance GMP2							
Cost Code: Notes:	950040 Remove and replace roof top disconnects per Owner's Request.	Total Quote:	\$ 7,200.83					

Cost			Labor Ma	nhours	Labor	Cost	Materia	I Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	SUBTRADE WORK													
950040	Ludvik Electric Co.	1.00 LS						·			5,800.00	5,800		5,800.00
TOTAL	SUBTRADE WORK	L		;		1 			Ref. 1			5,800.00		5,800.00
										-				
TOTAL	OUR FORCES & SUBTRADES										lade Secure Later Secure	5,800.00		5,800.00
	MARKUP ON TOTAL CRX													
950040	Overhead												6.21%	360.18
950040	Builders Risk											·	0.11%	7.38
950040	Fee												8.00% 0.85%	492.81 56.55
950040 950040	General Liability Gross Receipts Tax 65% of												0.85%	50.55
900040	10.1% = 6.565%							·					6.565%	443.61
950040	Performance Bond												0.60%	40.30
TOTAL	MARKUP ON TOTAL CRX	1 STATE AND AND A DESCRIPTION STATE AND		1 	ander en en en en						n sa ku na k			1,400.83
TOTAL	CRX #: 0051								Alexane de la competitione de la			5,800.00		7,200.83

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0053

 Page:
 1

 Date:
 7/22/2019

 Time:
 16:56:53

CRX Description: Electrical Modifications in the FMP

Rev#:	Status:	Pricing	Cost Summar	y	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Thoma	Labor: Material: Equipment:	516.00 0.00 159.00	Ludvik Electric Co.				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	7,113.00					
			Overhead: Fee:	1,880.98 0.00					
Remarks: Owr	ners Allowance GMP2								
			Total Quote:	\$ 9,668.98					
Cost Code:	950042								
Notes:	Add two (2) lights and County's Operation St		er						

Cost		a attender attender Aller	. <u>1</u> .	Labor Ma	nhours	Labor	Cost	Materia	al Cost	Equipme	nt Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity U	loM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK														
950042	Elec Mods in FMP	1.00	LS	8.	8.	64.50	516.00		·	159.00	159.00				675.00
TOTAL	OUR FORCES WORK		2011 -		8.		516.00	e New York, and the Second States of States			159.00		 		675.00
	SUBTRADE WORK														
950042	Ludvik Electric Co.	1.00	LS									7,113.00	7,113		7,113.00
TOTAL	SUBTRADE WORK			· · · ·						1		·	7,113.00		7,113.00
TOTAL	OUR FORCES & SUBTRADES				8.		516.00		성 1.45 - 11 	an think	159.00		7,113.00		7,788.00
	MARKUP ON TOTAL CRX														· .
950042	Overhead				·{									6.21%	483.63
950042	Builders Risk													0.11%	9.91
950042 950042	Fee General Liability													8.00% 0.85%	661.73 75.93
950042	Gross Receipts Tax 65% of													0.05 %	75.55
	10.1% = 6.565%			·										6.565%	595.66
950042	Performance Bond						·		·					0.60%	54.12
TOTAL	MARKUP ON TOTAL CRX	e standa gada. Ereni interesti alteres				la Agrica de la com General de la composition Composition de la composition de la composition de la composition de la composition de		la de la compañía de Compañía de la compañía de la compañí Compañía de la compañía de la compañí							1,880.98
TOTAL	CRX #: 0053				8	terretaria de la competitiva de la comp	516.00		 		159.00	 	7,113.00		9,668.98

 Project:
 Continental Ranch Regional Pump Station Upgrade Project 3CRS05

 Location:
 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0054
 Page:
 1

 Date:
 7/23/2019

 Time:
 10:31:21

CRX Description: North Roof Access - Ladder Modification

Rev #:	Status: Pricing	Cost Summar	y	[Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	0.00 0.00 0.00		Fibracan Industrial				
Initiated Date: Quote Date:	Schedule Activity ID: Time Extension:	Subtrade:	4,500.00						
		Overhead: Fee:	1,086.87 0.00						
Remarks: C	Owners Allowance GMP2 (Life Safety)	Total Quote:	\$ 5,586.87						
Cost Code: Notes:	950043 Modify Access Ladder to North Roof to meet Life Safety Codes		φ 3,900.07						

Cost			Labor Ma	anhours	Labor	Cost	Materia	I Cost	Equipme	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	SUBTRADE WORK													
950043	Fibracan Industrial	1.00 LS					·				4,500.00	4,500		4,500.00
TOTAL	SUBTRADE WORK	landa a segunda (1983) Sanakan (1986) (1983)							la el superiori Cartilio - como			4,500.00		4,500.00
TOTAL	OUR FORCES & SUBTRADES] 							an de rei			4,500.00		4,500.00
	MARKUP ON TOTAL CRX													
	Overhead Builders Risk												6.21% 0.11%	279.45 5.73
950043 950043	Fee General Liability					·							8.00% 0.85%	382.36 43.88
950043 950043	Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond												6.565% 0.60%	344.18 31.27
TOTAL	MARKUP ON TOTAL CRX						ang ala di gunanan Ang ang ang ang ang	이 것 같은 것						1,086.87
TOTAL	CRX #: 0054					a a constanta da con				p ^{an} n an the sec		4,500.00		5,586.87

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0055

 Page:
 1

 Date:
 7/23/2019

 Time:
 10:44:32

CRX Description: Pressure Transmitters on suction side of Flygt Pumps

Rev #:	Status: Pricing	Cost Summary		Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	Labor: Material: Equipment:	0.00 0.00 0.00	Ludvik Electric Co.	5/2/2019	5/16/2019	5/2/2019	8,025.00
Initiated Date: 2/13/2019 Quote Date:	Schedule Activity ID: Time Extension:	Subtrade: Overhead:	8,025.00 1,938.22					
Remarks: Owners Allowance	e GMP2	Fee: Total Quote:	0.00 \$ 9,963.22					
Cost Code: Notes:	950044 Pressure Transmitter for Suction Side of Flygt Pumps per Owner's Request					-		

Cost	the second se		Labor Ma	nhours	Labor	Cost	Material	Cost	Equipmer	nt Cost	Subtrad	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	SUBTRADE WORK													
											8,025.00	8,025		8,025.00
950044	Ludvik Electric Co.	1.00 LS									8,025.00	6,025		8,025.00
TOTAL	SUBTRADE WORK				89	la de la e e						8,025.00		8,025.00
TOTAL	OUR FORCES & SUBTRADES	le Records Alim 1			2:147		nd mana 197					8,025.00		8,025.00
	MARKUP ON TOTAL CRX													
950044	Overhead												6.21%	498.35
950044	Overhead Builders Risk												0.11%	10.21
950044	Fee							÷					8.00%	681.87
950044	General Liability												0.85%	78.24
950044	Gross Receipts Tax 65% of												6.565%	613.79
950044	10.1% = 6.565% Performance Bond												0.60%	55.76
TOTAL	MARKUP ON TOTAL CRX			<u></u>	ang dati seta a seta Apagan ang ang ang				31	8000 - 1990 - 1990 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -				1,938.22
TOTAL	CRX #: 0055							and the second s			Suskeptine)	8,025.00	nta del pa	9,963.22
	CRX #: 0055				<u>. (fare,</u>							0,023.00	<u> </u>	3,30

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0057

 Page:
 1

 Date:
 7/23/2019

 Time:
 10:50:36

CRX Description: Remobilization of Project

Rev #:	Status:	Pricing	Cost Summa	У	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	. nong	Labor: Material: Equipment:	3,441.00 7,000.00 10,000.00	Ludvik Electric Co. Spectrum Mechanical	5/2/2019 5/2/2019	5/16/2019 5/16/2019	5/2/2019 5/2/2019	7,500.00 6,250.00
Initiated Date: 5/2/2019 Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	13,750.00					
			Overhead: Fee:	8,257.94 0.00					
Remarks: Owners Allowar	tce GMP2		Total Quote:	\$ 42,448,94					
Cost Code: Notes:	950091			φ 1 2, 14 0.94					

			Labor Ma	anhours	Labor	Cost	Materia	I Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Description	Quantity U	JoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
OUR FORCES WORK														-
Remobilization	1.00	LS	1,120.	1,120.	3.0723	3,441.00	7,000.00	7,000.00	10,000.00	10,000.00				20,441.00
OUR FORCES WORK				1,120.		3,441.00		7,000.00		10,000.00	16412142	2015): N., 44, 50		20,441.00
SUBTRADE WORK														
Ludvik Electric Co. Spectrum Mechanical	1.00 1.00	LS LS					 				7,500.00 6,250.00	7,500 6,250		7,500.00 6,250.00
SUBTRADE WORK			l								· · · ·	13,750.00		13,750.00
•														
OUR FORCES & SUBTRADES		1. 1. 1. 1.		1,120.	And a second	3,441.00	- A	7,000.00		10,000.00		13,750.00	- Sector Add	34,191.00
MARKUP ON TOTAL CRX														
Overhead Builders Risk					 					 			6.21% 0.11%	2,123.26 43.51
General Liability Gross Receipts Tax 65% of													8.00% 0.85%	2,905.14 333.36
10.1% = 6.565% Performance Bond		2										···	6.565% 0.60%	2,615.09 237.58
MARKUP ON TOTAL CRX									an Neu ja				en en ferfing før, som Stationer og som	8,257.94
CRX #: 0057	1	×	100004.00	1,120		3.441.00		7,000.00	1.8408 M (0.47	10.000.00	Night in a starter	13,750.00		42,448.94
	OUR FORCES WORK Remobilization OUR FORCES WORK SUBTRADE WORK Ludvik Electric Co. Spectrum Mechanical SUBTRADE WORK OUR FORCES & SUBTRADES MARKUP ON TOTAL CRX Overhead Builders Risk Fee General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 OUR FORCES WORK 1.00 SUBTRADE WORK 1.00 Ludvik Electric Co. 1.00 Spectrum Mechanical 1.00 SUBTRADE WORK 1.00 Overhead Builders Risk Fee General Liability Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	OUR FORCES WORK Remobilization 1.00 LS OUR FORCES WORK SUBTRADE WORK Ludvik Electric Co. 1.00 LS Spectrum Mechanical 1.00 LS SUBTRADE WORK 1.00 LS SUBTRADE WORK 0 0 SUBTRADE WORK 0 0 SUBTRADE WORK 0 0 OUR FORCES & SUBTRADES 0 0 MARKUP ON TOTAL CRX 0 0 General Liability 0 0 Gross Receipts Tax 65% of 10.1% = 6.565% 0 0 Performance Bond 0 0 0	DescriptionQuantityUoMProdOUR FORCES WORK1.00LS1,120.Remobilization1.00LS1,120.OUR FORCES WORK1.00LS1.120.SUBTRADE WORK1.00LSLudvik Electric Co. Spectrum Mechanical1.00LSSUBTRADE WORK1.00LSSUBTRADE WORK1.00LSOverheadBuilders RiskFeeGeneral Liability Gross Receipts Tax 65% of 10.1% = 6.565%Performance BondMARKUP ON TOTAL CRXMARKUP ON TOTAL CRX	OUR FORCES WORK 1.00 LS 1,120. 1,120. OUR FORCES WORK 1,00 LS 1,120. 1,120. OUR FORCES WORK 1,120. 1,120. 1,120. SUBTRADE WORK 1.00 LS Ludvik Electric Co. 1.00 LS SUBTRADE WORK SUBTRADE WORK SUBTRADE WORK SUBTRADE WORK OUR FORCES & SUBTRADES 1,120. Our FORCES & SUBTRADES 1,120. MARKUP ON TOTAL CRX Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond MARKUP ON TOTAL CRX	DescriptionQuantity UoMProdTotalRateOUR FORCES WORK1.00LS1,120.1,120.3.0723Remobilization1.00LS1,120.1,120.3.0723OUR FORCES WORK1.00LS1,120.1,120.3.0723SUBTRADE WORK1.00LSLudvik Electric Co.1.00LSSUBTRADE WORK1.00LSSUBTRADE WORKOUR FORCES & SUBTRADES1,120.IIIMARKUP ON TOTAL CRXGeneral LiabilityGross Receipts Tax 65% of10.1% = 6.565%Performance BondMARKUP ON TOTAL CRXMARKUP ON TOTAL CRX	DescriptionQuantity UoMProdTotalRateTotalOUR FORCES WORK1.00LS1,120.1,120.3.07233,441.00OUR FORCES WORK1,120.1,120.3.07233,441.00SUBTRADE WORK1.00LSLudvik Electric Co. Spectrum Mechanical1.00LSSUBTRADE WORKSUBTRADE WORKSUBTRADE WORKOUR FORCES & SUBTRADESOUR FORCES & SUBTRADESOverhead Builders RiskGeneral Liability Gross Receipts Tax 65% of 10.1% = 6.565%MARKUP ON TOTAL CRXMARKUP ON TOTAL CRX	Description Quantity UoM Prod Total Rate Total Rate OUR FORCES WORK 1.00 LS 1,120. 1,120. 3.0723 3,441.00 7,000.00 OUR FORCES WORK 1,120. 1,120. 3.0723 3,441.00 7,000.00 OUR FORCES WORK 1,120. 1,120. 3.0723 3,441.00 7,000.00 SUBTRADE WORK 1,120. 1,120. 3,441.00 7,000.00 SUBTRADE WORK 1.00 LS SUBTRADE WORK 1.00 LS SUBTRADE WORK SUBTRADE WORK SUBTRADE WORK Overhead	Description Quantity UoM Prod Total Rate Total Rate Total OUR FORCES WORK 1.00 LS 1,120. 1,120. 3,0723 3,441.00 7,000.00 7,000.00 OUR FORCES WORK 1,120. 1,120. 3,0723 3,441.00 7,000.00 7,000.00 SUBTRADE WORK 1,120. 1,120. 3,441.00 7,000.00 7,000.00 SUBTRADE WORK 1.00 LS SUBTRADE WORK 1.00 LS SUBTRADE WORK 1.00 LS	Description Quantity UoM Prod Total Rate Total Rate Total Rate OUR FORCES WORK 1.00 LS 1,120. 3.0723 3,441.00 7,000.00 7,000.00 10,000.00 OUR FORCES WORK 1.120. 1,120. 3,0723 3,441.00 7,000.00 10,000.00 OUR FORCES WORK 1.120. 1,120. 3,441.00 7,000.00 7,000.00 SUBTRADE WORK 1.00 LS	Description Quantity UoM Prod Total Rate Total </td <td>Description Quantity UoM Prod Total Rate Total Total Total<</td> <td>Description Quantity UoM Prod Total Rate Total<!--</td--><td>Description Quantity UoM Prod Total Rate Total<!--</td--></td></td>	Description Quantity UoM Prod Total Rate Total Total Total<	Description Quantity UoM Prod Total Rate Total </td <td>Description Quantity UoM Prod Total Rate Total<!--</td--></td>	Description Quantity UoM Prod Total Rate Total </td

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. Water Infra. CRX Detail Report - CRX #: 0058

 Page:
 1

 Date:
 7/23/2019

 Time:
 10:59:26

CRX Description: Extended Management Cost

Rev #:	Status:	Pricing	Cost Summary	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:	T Hong	Labor: 122,666.73 Material: 1,750.00 Equipment: 4,250.00					
Initiated Date: 5/2/2019 Quote Date:	Schedule Activity ID: Time Extension:		Subtrade: 0.00					
			Overhead: 31,076.09 Fee: 0.00					
Remarks: Owners Allowa	ance GMP2		T-1-1 01					
Cost Code: Notes:	950095		Total Quote: \$ 159,742.82					

Cost	and the second secon	an a	Labor Ma	anhours	Labo	Cost	Materia	l Cost	Equipme	ent Cost	Subtrac	e Cost	Total	Cost
Code	Description	Quantity UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	OUR FORCES WORK													
950095	Extended Management Cost	1.00 LS	1,840.	1,840.	66.6667	122,666.73	1,750.00	1,750.00	4,250.00	4,250.00				128,666.73
TOTAL	OUR FORCES WORK			1,840.	a del cal terra. El Esperadore del como El Esperadore del como	122,666.73		1,750.00		4,250.00			n de transformer Transformer († 1919) Transformer († 1919)	128,666.73
TOTAL	OUR FORCES & SUBTRADES		<u> </u>	1,840.		122,666.73	el defecte av	1,750.00		4,250.00				128,666.73
	MARKUP ON TOTAL CRX							ж. С						
	Overhead Builders Risk										 		6.21% 0.11%	7,990.20 163.73
	Fee General Liability Gross Receipts Tax 65% of		 			·		·					8.00% 0.85%	10,932.55 1,254.51
•	10.1% = 6.565% Performance Bond												6.565% 0.60%	9,841.05 894.05
TOTAL	MARKUP ON TOTAL CRX	Territori e contrate de la const Contratori de la constante de la constante La constante de la constante de la constante de la constante de la co	andri nat Kana Printigen de Ma				• 24.1							31,076.09
TOTAL	CRX #: 0058			1,840	ning states and	122,666.73		1,750.00		4,250.00		 		159,742.82
								-	4 					
				-			*			÷				
												-		

Project: Continental Ranch Regional Pump Station Upgrade Project 3CRS05 Location: 10050 N. Coachline Rd., Tucson, AZ

PCL Construction, Inc. CRS05 Water Infra. CRX Detail Report - CRX #: 0059

 Page:
 1

 Date:
 7/23/2019

 Time:
 11:06:41

CRX Description: Exhaust Fan Transitions

Rev#:	Status:	Pricing	Cost Summary	in the second	Subtrade	Sent	Due Date	Received	Quote \$
SI #: CCN #: RFI #:	Approved CO #: Approved CO Date: Approved CO Amt \$:		Labor: Material: Equipment:	0.00 0.00 0.00	Fibracan Industrial Spectrum Mechanical	5/2/2019 5/2/2019	5/16/2019 5/16/2019	5/2/2019 5/2/2019	64,994.20 -7,250.00
Initiated Date: 5/2/2019 Quote Date:	Schedule Activity ID: Time Extension:		Subtrade:	57,744.20					
			Overhead: Fee:	13,946.60 0.00					
Remarks: Owners Allowa	nce GMP2		Total Quote:	\$ 71,690,80				ł	
Cost Code: Notes:	950048			φ / 1,030.00					

Cost		· · · · · · · · · ·		Labor Ma	nhours	Labor	Cost	Materia	al Cost	Equipme	ent Cost	Subtrac	le Cost	Total	Cost
Code	Description	Quantity	UoM	Prod	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total
	SUBTRADE WORK				-										
950048 950048	Fibracan Industrial Spectrum Mechanical	1.00 -1.00							 			64,994.20 7,250.00	64,994 -7,250		64,994.20 -7,250.00
TOTAL	SUBTRADE WORK												57,744.20		57,744.20
TOTAL	OUR FORCES & SUBTRADES											No March Annas Na March Annas	57,744.20		57,744.20
	MARKUP ON TOTAL CRX														
950048 950048 950048 950048	Overhead Builders Risk Fee General Liability			 		· · · · · · · · · · · · · · · · · · ·	 		 	 	 		 	6.21% 0.11% 8.00% 0.85%	3,585.91 73.48 4,906.41 563.01
950048 950048	Gross Receipts Tax 65% of 10.1% = 6.565% Performance Bond										 			6.565% 0.60%	4,416.55 401.24
TOTAL	MARKUP ON TOTAL CRX							an an tha an Tha tha an tha	an an gran (<u>Baran</u> a) an an <u>an an a</u>		angezen an en aggente a service			i an trata The Cargeria	13,946.60
											-				
TOTAL	CRX #: 0059								anna a searain. Brasach a cear∎ ∎				57,744.20		71,690.80

To be attached to and form part of:

Bond Number	106047070,6348861,82451620
dated	7/26/2017
issued by the	FIDELITY AND DEPOSIT COMPANY OF MARYLAND
·	TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA
	FEDERAL INSURANCE COMPANY
on behalf of	PCL CONSTRUCTION, INC.
	(Principal)
and in favor of	PIMA COUNTY
	(Obligee)

Now therefore, it is agreed that in consideration of the premium charged, the attached bond shall be amended as follows:

The bond amount shall be amended:

FROM: \$ 9,042,413.00

ТО: \$10,230,734.00

It is further understood and agreed that all other terms and conditions of this bond shall remain unchanged.

This Rider is to be Effective this 24th day of June, 2019.

Signed, Sealed & Dated this 24th day of June, 2019.

PCL CONSTRUCTION, INC. (Principal)

Mike McKinney By: C

FIDELITY AND DEPOSIT COMPANY OF MARYLAND TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA FEDERAL INSURANCE COMPANY

(Surety)

Sandra M. Winsted

, Attorney-in-Fact

STATE OF ILLINOIS COUNTY OF KANE

On this 24th day of June, 2019 before me, K. Hannigan, a Notary Public, within and for said County and State, personally appeared <u>Sandra M. Winsted</u> to me personally known to be the Attorney-in-Fact of and for Fidelity and Deposit Company of Maryland, Travelers Casualty and Surety Company of America, Federal Insurance Company and acknowledged that she executed the said instrument as the free act and deed of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.

Notary Public in the State of Illinois County of Kane

OFFICIAL SEAL NOTARY PUBLIC, STATE OF ILLINOIS K HANNIGAN 0/23/2021

ZURICH AMERICAN INSURANCE COMPANY COLONIAL AMERICAN CASUALTY AND SURETY COMPANY FIDELITY AND DEPOSIT COMPANY OF MARYLAND POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Sandra M. WINSTED, Diane M. O'LEARY, Susan A. WELSH, Judith A. LUCKY-EFTIMOV, James B. McTAGGART, Debra J. DOYLE, Sandra M. NOWAK, Jessica B. DEMPSEY and Christina L. SANDOVAL, all of Chicago, Illinois, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 28th day of January, A.D. 2019.



· ·

ATTEST: ZURICH AMERICAN INSURANCE COMPANY COLONIAL AMERICAN CASUALTY AND SURETY COMPANY FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Robert D. Murray Vice President

Dawn & Brown

By: Dawn E. Brown Secretary

State of Maryland County of Baltimore

On this 28th day of January, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



nstance a. Dunn

Constance A. Dunn, Notary Public My Commission Expires: July 9, 2019

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, <u>Attorneys-in-Fact</u>. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this ______ day of _______, 2015



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Michael C. Fay, Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims 1299 Zurich Way Schaumburg, IL 60196-1056 www.reportsfclaims@zurichna.com 800-626-4577



Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Sandra M. Winsted of Chicago

their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, Illinois conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 3rd day of February, 2017.



State of Connecticut

City of Hartford ss.

By: Robert L. Raney, Senior Vice President

On this the 3rd day of February, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2021



Marie C. Letreault Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

2019 Dated this day of

Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880. Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.

. '



Power of Attorney

Federal Insurance Company | Vigilant Insurance Company | Pacific Indemnity Company

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 14th day of August, 2018.

Dawn m. Chlores

Dawn M. Chloros, Assistant Secretary



STATE OF NEW JERSEY

County of Hunterdon

Notarial Seal

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Stephen M. Haney, Vice President



On this **14th** day of **August, 2018**, before me, a Notary Public of New Jersey, personally came Dawn M. Chloros, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Dawn M. Chloros, being by me duly sworn, did depose and say that she is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of said Companies; and that she signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that she is acquainted with Stephen M. Haney, and knows him to be Vice President of said Companies; and that the signature of Stephen M. Haney, subscribed to said Power of Attorney is in the genuine handwriting of Stephen M. Haney, and was thereto subscribed by authority of said Companies and in deponent's presence.



KATHERINE J. ADELAAR NOTARY PUBLIC OF NEW JERSEY No. 2316886 Commission Expires July 16, 2019

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CERTIFICATION

Resolutions adopted by the Boards of Directors of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY on August 30, 2016: "RESOLVED, that the following authorizations relate to the execution, for and on behalf of the Company, of bonds, undertakings, recognizances, contracts and other written commitments of the Company

- entered into in the ordinary course of business (each a "Written Commitment"):
 (1) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise.
 - (2) Each duly appointed attorney-in-fact of the Company is hereby authorized to execute any Written Commitment for and on behalf of the Company, under the seal of the Company or otherwise, to the extent that such action is authorized by the grant of powers provided for in such person's written appointment as such attorney-in-fact.
 - (3) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to appoint in writing any person the attorneyin-fact of the Company with full power and authority to execute, for and on behalf of the Company, under the seal of the Company or otherwise, such Written Commitments of the Company as may be specified in such written appointment, which specification may be general type or class of Written Commitments or by specification of one or more particular Written Commitments.
 - (4) Each of the Chairman, the President and the Vice Presidents of the Company is hereby authorized, for and on behalf of the Company, to delegate in writing to any other officer of the Company the authority to execute, for and on behalf of the Company, under the Company's seal or otherwise, such Written Commitments of the Company as are specified in such written delegation, which specification may be by general type or class of Written Commitments or by specification of one or more particular Written Commitments.
 - (5) The signature of any officer or other person executing any Written Commitment or appointment or delegation pursuant to this Resolution, and the seal of the Company, may be affixed by facsimile on such Written Commitment or written appointment or delegation.

FURTHER RESOLVED, that the foregoing Resolution shall not be deemed to be an exclusive statement of the powers and authority of officers, employees and other persons to act for and on behalf of the Company, and such Resolution shall not limit or otherwise affect the exercise of any such power or authority otherwise validly granted or vested."

I, Dawn M. Chloros, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing Resolutions adopted by the Board of Directors of the Companies are true, correct and in full force and effect,
- (ii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Whitehouse Station, NJ, this 50 (24119



Dawn m. Chlores Dawn M. Chloros, Assistant Secretary

IN THE EVENT YOU WISH TO VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT: Telephone (908) 903-3493 Fax (908) 903-3656 e-mail: surety@chubb.com