



BOARD OF SUPERVISORS AGENDA ITEM REPORT
CONTRACTS / AWARDS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 06/18/19

* = Mandatory, information must be provided

or Procurement Director Award ☐

***Contractor/Vendor Name/Grantor (DBA):**

Borderland Construction Company, Inc.

***Project Title/Description:**

Construction Manager at Risk Services for Connection of the Fairgrounds WRF to the Conveyance System (3FGS17)

***Purpose:**

Amendment: Contract No. CT-PW-19-217, Amendment No. One (1). This amendment increases the award amount from \$121,481.86 to \$4,688,911.78 and incorporates Guaranteed Maximum Price No 1 (GMP-1).

GMP-1 pertains to the construction services for the project. Due to limited subcontracting opportunities, no Small Business Enterprise (SBE) goal is established for GMP-1.

Administering Department: Public Works.

***Procurement Method:**

Pursuant to Solicitation For Qualifications No. 297870, the Board of Supervisors awarded a contract for this project on 11/06/18 in the amount of \$121,481.86 for preconstruction services for a contract term of 11/06/18 to 05/06/21.

Attachment: Contract Amendment No. One (1).

***Program Goals/Predicted Outcomes:**

The Fairgrounds Connection Project will provide additional sewer service capacity to the Pima County Fairgrounds area. This will help support future development and provide centralized wastewater reclamation in lieu of treatment at the existing Fairgrounds Wastewater Reclamation Facility.

***Public Benefit:**

Completion of the Fairgrounds Connection sewer project will result in additional sewer capacity and allow for additional economic development in the vicinity of the Pima County Fairgrounds.

***Metrics Available to Measure Performance:**

Successful completion of this project and receipt of Arizona Department of Environmental Quality discharge permits within budget and schedule.

***Retroactive:**

No.

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(1)

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____

Effective Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____

☐ Expense Amount: \$* _____ ☐ Revenue Amount: \$ _____***Funding Source(s) required:**Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No**If Yes, is the Contract to a vendor or subrecipient?** _____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.***Amendment / Revised Award Information**Document Type: CT Department Code: PW Contract Number (i.e., 15-123): 19-217Amendment No.: One (1) AMS Version No.: Two (2)Effective Date: 07/01/19 New Termination Date: _____

Prior Contract No. (Synergen/CMS): _____

☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 4,567,429.92Is there revenue included? ☐ Yes ☒ No If Yes \$ _____***Funding Source(s) required:** Regional Wastewater Reclamation Department ObligationsFunding from General Fund? ☐ Yes ☒ No If Yes \$ _____ % _____**Grant/Amendment Information** (for grants acceptance and awards) ☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____

Effective Date: _____ Termination Date: _____ Amendment Number: _____

☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____***All Funding Source(s) required:*****Match funding from General Fund?** ☐ Yes ☐ No If Yes \$ _____ % _____***Match funding from other sources?** ☐ Yes ☐ No If Yes \$ _____ % _____***Funding Source:** _____***If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?** _____Contact: Keith E. Rogers 05/20/19 5-2019Department: Procurement May 2019 5/20/19 Telephone: 724-3542Department Director Signature/Date: _____ 5/22/19Deputy County Administrator Signature/Date: _____ 5/22/19County Administrator Signature/Date: _____ 5/22/19

(Required for Board Agenda/Addendum Items)

PIMA COUNTY WASTEWATER RECLAMATION DEPARTMENT

PROJECT: Construction Manager At Risk Services for Connection of the Fairgrounds WRF to the Conveyance System(3FGS17)

CONTRACTOR: Borderland Construction Company, Inc.
400 E 38th St
Tucson, AZ 85713

CONTRACT NO.: CT-PW-19-217

AMENDMENT NO.: One (1)

FUNDING: Regional Wastewater Reclamation Department Obligations

CONTRACT TERM: 11/06/2018 - 05/06/2021	ORIGINAL CONTRACT AMOUNT:	\$	121,481.86
TERMINATION PRIOR AMENDMENT: NA	PRIOR AMENDMENT(S):	\$	-
TERMINATION THIS AMENDMENT: 05/06/2021	AMOUNT THIS AMENDMENT:	\$	4,567,429.92
	REVISED CONTRACT AMOUNT:	\$	4,688,911.78

CONSTRUCTION CONTRACT AMENDMENT

WHEREAS, COUNTY and CONTRACTOR have entered into the Contract for the project referenced above for pre-construction services; and

WHEREAS, GMP-1 shall pertain to the construction services for the project; and

WHEREAS, COUNTY and CONTRACTOR, pursuant to Article 2, have agreed to incorporate Guaranteed Maximum Price-1 (GMP-1) into the contract for all construction activities; and

WHEREAS, COUNTY's acceptance of GMP-1 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable; and

WHEREAS, COUNTY and CONTRACTOR pursuant to Article 3 have agreed to increase the Contract amount as identified in GMP-1.

NOW, THEREFORE, it is agreed as follows:

CHANGE: ARTICLE 3 – PRECONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE

Insert after Paragraph B:

Guaranteed Maximum Price-1 (GMP-1) for all construction activities and coordination of community relations prior to the commencement of construction and during construction as identified in APPENDIX "D-1" is Four Million, Five Hundred and Sixty-Seven Thousand, Four Hundred Twenty-Nine Dollars and Ninety-Two Cents (\$4,567,429.92). COUNTY reserves the right to negotiate the construction fee, overhead rate, and all other elements of future GMPs, if any.

ADD: APPENDIX "D-1" after APPENDIX "D"

APPENDIX "D-1": GUARANTEED MAXIMUM PRICE NO. ONE (GMP-1) (22 pages), dated May 15, 2019 (attached).

This Amendment shall be effective on July 1, 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 Amendment on the dates written below.

APPROVED:

Chairman, Board of Supervisors

Date

CONTRACTOR:



Signature

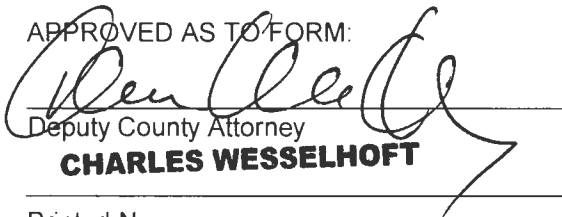
TODD ADAMS Vice President
Name and Title (Please Print)

5-22-19
Date

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:



Deputy County Attorney
CHARLES WESSELHOFT

Printed Name

MAY 21 2019
Date



HEAVY ENGINEERING CONTRACTORS • CONSTRUCTION MANAGEMENT • CMAR

May 15, 2019

Jason Bahe, CPM
Pima County Project Management Office
Public Works Building, 2nd Floor
201 North Stone
Tucson, AZ 85701

RE: PC Project: Connection of the Fairgrounds WRF to the Conveyance System
PC Project No: 3FGS17
PC Contract No: CT-PW-19-217

SUBJECT: GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)
PROPOSAL PACKAGE & SUPPORTING EXHIBITS

Dear Mr. Bahe,

In accordance with the Pre-construction Phase Services Contract for the above referenced project, we are pleased to submit our Guaranteed Maximum Price Proposal #1 (GMP #1). Attached to this cover letter you will find our Proposal Package dated May 15, 2019.

The Borderland team wants to thank Pima County for the opportunity to provide our GMP proposal on this Construction Manager at Risk (CMAR) project. If you have any questions about this proposal, please contact me at (520) 623-0900.

Respectfully,

A handwritten signature in black ink, appearing to read 'Joel Harris', with a stylized, cursive script.

Joel Harris, P.E.
Project Manager
Borderland Construction Company, Inc.
j.harris@borderland-inc.com

Inclusions:

- **GMP#1 Proposal Package**



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

GMP#1 - SUMMARY

Pima County Project Management Office
Connection of the Fairgrounds WRF to the Conveyance System
Pima County Project Number: 3FGS17

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CONSTRUCTION	AMOUNT
CONSTRUCTION COSTS:	
I. Cost of Construction	\$ 3,212,498.22
II. CMAR Contingency	\$ 96,374.95
SUBTOTAL <i>(Direct Construction Cost)</i>	\$ 3,308,873.17
INDIRECT CONSTRUCTION COSTS:	
III. General Conditions	\$ 242,174.80
IV. Overhead	\$ 343,741.44
V. General Liability Insurance	\$ 11,761.49
VI. Payment and Performance Bonds	\$ 30,359.56
SUBTOTAL <i>(Direct Const. Cost + Gen Cond + Overhead + Insurance + Bonds)</i>	\$ 3,936,910.46
VII. Construction Fee	\$ 194,739.47
SUBTOTAL <i>(Direct Cons. Cost + Gen Cond + Overhead + Insurance + Bonds + Fee)</i>	\$ 4,131,649.93
VIII. Arizona Gross Receipts Tax	\$ 218,283.33
GUARANTEED MAXIMUM PRICE (GMP)	\$ 4,349,933.26
OTHER PROJECT COSTS:	
IX. Owner's Contingency	\$ 217,496.66
TOTAL CONTRACT COST	\$ 4,567,429.92

For supporting documentation - see also:

Attachment #1 - Schedule of Values

Attachment #2 - Scope of Work

Attachment #3 - Clarifications, Assumptions, and Exclusions to the scope of work

Attachment #4 - Conceptual Construction Schedule

Attachment #5 - Cash-flow Forecast

Attachment #6 - Subcontractor List (w/anticipated SBE Summary)

Attachment #7 - Sales Tax Ratio Calculator



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
1	I. COST OF CONSTRUCTION - LINE ITEMS					
2	001.100	MOBILIZATION	LS	1.00	\$ 23,495.23	\$ 23,495.23
3	002.100	SWPPP	LS	1.00	\$ 47,172.92	\$ 47,172.92
4	004.100	POTHOLES (LOCATE EXISTING UTILITIES)	EA	15.00	\$ 796.09	\$ 11,941.35
5	005.100	HYDROSEEDING (PAG STANDARD SPECIFICATION 805-2.02(b) - SEED MIX No. 2)	AC	26.00	\$ 2,846.12	\$ 73,999.12
6	006.100	TRAFFIC CONTROL	FA	55,930.00	\$ 1.00	\$ 55,930.00
7	008.100	SURVEYING AND AS-BUILTS	LS	1.00	\$ 122,500.00	\$ 122,500.00
8	009.100	COMPACTION /CONCRETE TESTING	LS	1.00	\$ 65,000.00	\$ 65,000.00
9	010.100	CLEAN UP RIGHT-OF-WAY/ EASEMENTS	LF	16,195.00	\$ 1.31	\$ 21,215.45
10	011.100	CONSTRUCTION WATER	MGAL	12,574.00	\$ 6.25	\$ 78,587.50
11	012.100	CONSTRUCTION PERMITS	LS	1.00	\$ 11,150.00	\$ 11,150.00
12	013.100	TEMPORARY DETOURS (MAINTAIN TRAFFIC) (PROVISIONAL)	FA	25,000.00	\$ 1.00	\$ 25,000.00
13	018.100	THIRD PARTY UTILITY CROSSING ALLOWANCE (UNFORESEEN CONDITIONS, STAND-BY, OTHER REQUIREMENTS) (PROVISIONAL)	FA	20,000.00	\$ 1.00	\$ 20,000.00
14	101.100	REMOVE EXISTING SIGNAGE - REPLACE IN KIND	EA	30.00	\$ 345.00	\$ 10,350.00
15	102.100	REMOVE EXISTING SURVEY MONUMENT - REPLACE IN-KIND (PAG STD DTL 103)	EA	7.00	\$ 325.00	\$ 2,275.00
16	104.006A	REMOVE EXISTING DUMPED RIP RAP - REPLACE WITH GROUTED RIP RAP (PER D1 & D3 ON C30) (Pilot Channel West, Sta.200+75)	SF	1,389.00	\$ 12.75	\$ 17,709.75
17	104.006B	NEW CUT-OFF WALLS (PER D1 & D3 ON C30) (Pilot Channel West, Sta.200+75)	LF	79.00	\$ 34.57	\$ 2,731.03



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

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Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
18	104.006C	REMOVE EXISTING DUMPED RIP RAP - REPLACE WITH GROUTED RIP RAP (PER D1 & D3 ON C30) (Pilot Channel East, Sta.205+80)	SF	5,689.00	\$ 12.08	\$ 68,723.12
19	104.006D	NEW CUT-OFF WALLS (PER D1 & D3 ON C30) (Pilot Channel East, Sta.205+80)	LF	100.00	\$ 34.57	\$ 3,457.00
20	105.006	REMOVE EXISTING BARB WIRE FENCE - REPLACE IN KIND (STA.206+10) (Pilot Station)	LF	40.00	\$ 13.00	\$ 520.00
21	105.013	REMOVE EXISTING BARB WIRE FENCE - REPLACE IN KIND (STA.439+50) (Rocket Stra Cattle Guard)	LF	100.00	\$ 13.00	\$ 1,300.00
22	106.006	REMOVE EXISTING TRASH ENCLOSURE - REPLACE IN KIND (Pilot Station) (PROVISIONAL)	FA	20,000.00	\$ 1.00	\$ 20,000.00
23	107.006	REMOVE EXISTING SIDEWALK - REPLACE IN-KIND (PAG STD DTL 200) (Rita Road)	SF	100.00	\$ 17.00	\$ 1,700.00
24	108.006A	REMOVE EXISTING CONCRETE VERTICAL CURB - REPLACE IN KIND (Rita Road)	LF	20.00	\$ 25.00	\$ 500.00
25	108.006B	REMOVE EXISTING CONCRETE VERTICAL CURB - REPLACE IN KIND (Pilot Dwy)	LF	280.00	\$ 25.00	\$ 7,000.00
26	109.006A	REMOVE EXISTING TREES (Pilot Station)	EA	6.00	\$ 250.00	\$ 1,500.00
27	109.006B	PILOT STATION - PERIMETER LANDSCAPING & IRRIGATION REPLACEMENT (PROVISIONAL)	FA	10,000.00	\$ 1.00	\$ 10,000.00
28	110.025	REMOVE EXISTING CHAIN LINK FENCE - REPLACE IN KIND (STA.539+50) (Fairgrounds WRF/Lagoons Perimeter - West)	LF	40.00	\$ 23.00	\$ 920.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

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Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
29	110.026	REMOVE EXISTING CHAIN LINK FENCE - REPLACE IN KIND (STA.541+00) (Fairgrounds WRF/Lagoons Perimeter - East)	LF	40.00	\$ 23.00	\$ 920.00
30	111.006A	REMOVE AND REPLACE ASPHALT PAVEMENT - RITA RD (4" AC ON 8" ABC)	SY	11.50	\$ 125.26	\$ 1,440.49
31	111.006B	REMOVE AND REPLACE ASPHALT PAVEMENT - PILOT DRIVEWAY (4.5" AC ON 6" ABC)	SY	285.00	\$ 55.03	\$ 15,683.55
32	111.006C	PILOT DRIVEWAY - SURFACE TREATMENT/STRIPING (PROVISIONAL)	FA	20,000.00	\$ 1.00	\$ 20,000.00
33	111.011	REMOVE AND REPLACE ASPHALT PAVEMENT - ROCKET STRAVENUE (4" AC ON 8" ABC)	SY	20.00	\$ 125.26	\$ 2,505.20
34	111.023	REMOVE AND REPLACE ASPHALT PAVEMENT - SHOOTING RANGE DRIVEWAY (4" AC ON 6" ABC)	SY	34.00	\$ 123.12	\$ 4,186.08
35	111.025	REMOVE AND REPLACE ASPHALT PAVEMENT - HARRISON RD (4" AC ON 8" ABC)	SY	24.00	\$ 125.26	\$ 3,006.24
36	112.006	REMOVE EXISTING CONCRETE VERTICAL CURB (Pilot Station Turnaround - To Be Replaced With Wedge Curb)	LF	45.00	\$ 10.00	\$ 450.00
37	113.100	CLEAR AND GRUB (REMOVE EXISTING TREES & SHRUBS) (New Sewer Alignment)	AC	26.50	\$ 2,957.28	\$ 78,367.92
38	116.026	ABANDON AND GROUT FILL EXISTING 6" PVC SEWER AT LAGOONS SITE (PROVISIONAL)	LF	140.00	\$ 42.86	\$ 6,000.40
39	200.100	TEMPORARY ALSD TCE DELINEATION (T-POST/ROPE FENCE)	LF	4,600.00	\$ 0.79	\$ 3,634.00
40	201.100	NEW 15" SEWER (PVC, SDR-35) (MATERIAL BUY)	LF	15,271.00	\$ 12.14	\$ 185,389.94



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
41	201.101	NEW 15" SEWER (INSTALLATION)	LF	15,271.00	\$ 70.87	\$ 1,082,255.77
42	201.200	NEW 16" SEWER (PVC, C900 BLUE) (RESTRAINED JOINTS) (MATERIAL BUY)	LF	310.00	\$ 50.67	\$ 15,707.70
43	201.201	NEW 16" SEWER (INSTALLATION)	LF	310.00	\$ 110.41	\$ 34,227.10
44	201.300	NEW 12" SEWER (PVC, SDR-35) (MATERIAL BUY)	LF	450.00	\$ 8.87	\$ 3,991.50
45	201.301	NEW 12" SEWER (INSTALLATION)	LF	450.00	\$ 73.06	\$ 32,877.00
46	201.400	NEW 8" SEWER (PVC, SDR-35) (MATERIAL BUY)	LF	76.00	\$ 3.77	\$ 286.52
47	201.401	NEW 8" SEWER (INSTALLATION)	LF	76.00	\$ 77.51	\$ 5,890.76
48	201.526	RESIDENTIAL SEWER INTERCEPTOR - NEW 8" SEWER (PVC, SDR-35) (MATERIAL BUY)	LF	294.00	\$ 3.73	\$ 1,096.62
49	201.626	RESIDENTIAL SEWER INTERCEPTOR - NEW 8" SEWER (INSTALLATION)	LF	294.00	\$ 73.41	\$ 21,582.54
50	201.726	RESIDENTIAL SEWER INTERCEPTOR - NEW 4' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (NO COATING) (MATERIAL BUY)	EA	2.00	\$ 3,125.00	\$ 6,250.00
51	201.826	RESIDENTIAL SEWER INTERCEPTOR - NEW 4' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (NO COATING) (INSTALLATION)	EA	2.00	\$ 2,983.53	\$ 5,967.06
52	202.100	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SD 206 W/REINFORCED BASE) (NO COATING) (MATERIAL BUY)	EA	11.00	\$ 5,225.00	\$ 57,475.00
53	202.101	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SD 206 W/REINFORCED BASE) (NO COATING) (INSTALLATION)	EA	11.00	\$ 3,900.04	\$ 42,900.44



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
54	203.100	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SD 206) (NO COATING) (MATERIAL BUY)	EA	15.00	\$ 4,425.00	\$ 66,375.00
55	203.101	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SD 206) (NO COATING) (INSTALLATION)	EA	15.00	\$ 3,154.77	\$ 47,321.55
56	203.025A	NEW 5' DIAMETER DIVERSION STRUCTURE (C.I.P. BASE W/PRE-CAST SHAFT) (MH#32 OVER EXISTING 12" VCP) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 6,875.00	\$ 6,875.00
57	203.025B	NEW 5' DIAMETER DIVERSION STRUCTURE (C.I.P. BASE W/PRE-CAST SHAFT) (MH#32 OVER EXISTING 12" VCP) (NO COATING) (INSTALLATION)	EA	1.00	\$ 5,824.60	\$ 5,824.60
58	203.031A	NEW 5' DIAMETER DROP MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (FLUSH MH#30) (WELDED JOINTS) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 7,825.00	\$ 7,825.00
59	203.031B	NEW 5' DIAMETER DROP MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (FLUSH MH#30) (WELDED JOINTS) (NO COATING) (INSTALLATION)	EA	1.00	\$ 7,584.99	\$ 7,584.99
60	204.010A	NEW 5' DIAMETER METERING MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (MH#8 - FUTURE USE - NO EQUIP.) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 4,200.00	\$ 4,200.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
61	204.010B	NEW 5' DIAMETER METERING MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (MH#8 - FUTURE USE - NO EQUIP.) (NO COATING) (INSTALLATION)	EA	1.00	\$ 3,596.22	\$ 3,596.22
62	204.026A	NEW 5' DIAMETER METERING MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (MH#33 OVER EXISTING 12" VCP) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 4,200.00	\$ 4,200.00
63	204.026B	NEW 5' DIAMETER METERING MANHOLE W/FLOW METER (C.I.P. BASE W/PRE-CAST SHAFT) (MH#33 OVER EXISTING 12" VCP) (NO COATING) (INSTALLATION)	EA	1.00	\$ 22,881.96	\$ 22,881.96
64	205.100	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (D4-C28) (WELDED JOINTS) (NO COATING) (MATERIAL BUY)	EA	2.00	\$ 8,650.00	\$ 17,300.00
65	205.101	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (D4-C28) (WELDED JOINTS) (NO COATING) (INSTALLATION)	EA	2.00	\$ 3,154.77	\$ 6,309.54
66	208.024A	NEW 5' DIAMETER SCOUR MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (D4-C30) (WELDED JOINTS) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 7,125.00	\$ 7,125.00
67	208.024B	NEW 5' DIAMETER SCOUR MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (D4-C30) (WELDED JOINTS) (NO COATING) (INSTALLATION)	EA	1.00	\$ 3,154.77	\$ 3,154.77
68	222.026A	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SHALLOW - SD 207 TYPE 2) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 3,700.00	\$ 3,700.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
69	222.026B	NEW 5' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SHALLOW - SD 207 TYPE 2) (NO COATING) (INSTALLATION)	EA	1.00	\$ 1,969.54	\$ 1,969.54
70	223.026A	NEW 4' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SHALLOW - SD 207 TYPE 1) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 3,125.00	\$ 3,125.00
71	223.026B	NEW 4' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (SHALLOW - SD 207 TYPE 1) (NO COATING) (INSTALLATION)	EA	1.00	\$ 1,969.54	\$ 1,969.54
72	224.032A	NEW 6' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (FLUSHING STRUCTURE, D3-C32) (NO COATING) (MATERIAL BUY)	EA	1.00	\$ 10,049.00	\$ 10,049.00
73	224.032B	NEW 6' DIAMETER MANHOLE (C.I.P. BASE W/PRE-CAST SHAFT) (FLUSHING STRUCTURE, D3-C32) (NO COATING) (INSTALLATION)	EA	1.00	\$ 3,932.54	\$ 3,932.54
74	209.100	NEW CONCRETE MANHOLE COLLAR 211	EA	2.00	\$ 485.00	\$ 970.00
75	210.100	NEW CONCRETE MANHOLE COLLAR 212	EA	34.00	\$ 625.00	\$ 21,250.00
76	211.006	CONNECT TO EXISTING MANHOLE #3289-12 (RITA RD)	EA	1.00	\$ 8,302.04	\$ 8,302.04
77	213.008	36" STEEL CASING - BORING INSTALL OF CARRIER PIPE, SLURRY FILL (I-10 CROSSING)	LF	438.00	\$ 900.78	\$ 394,541.64
78	214.006	NEW CONCRETE WEDGE CURB (PAG STD DTL 209) (REPLACES EXISTING VERTICAL CURB) (Western Pilot Parking Lot And New Access At Turnaround Area)	LF	45.00	\$ 30.00	\$ 1,350.00



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
79	215.100	NEW STABILIZED MANHOLE ACCESS (6" ABC, 100% COMPACTION) (PER D5-C28) (HARRISON ROAD & ROCKET STRAVENUE)	EA	20.00	\$ 2,327.46	\$ 46,549.20
80	221.100	NEW STABILIZED SURFACE ACCESS RD (6" ABC, 100% COMPACTION) (PER RWRD DTL 111) (Sta.206+00 To Sta.322+25)	SY	7,200.00	\$ 10.57	\$ 76,104.00
81	226.006	NEW BARBED WIRE GATE, 16', TYPE 2 DOUBLE GATE (ADOT STD DTL C-12.10)	EA	1.00	\$ 1,500.00	\$ 1,500.00
82	290.031	FLUSHING STATION - CONNECT TO EXISTING FG 2" PVC WATERLINE (W/BACKFLOW PREVENTOR PER D2-C32)	EA	1.00	\$ 3,765.76	\$ 3,765.76
83	291.031	FLUSHING STATION - NEW 2" WATERLINE (COPPER, TYPE K)	LF	400.00	\$ 30.34	\$ 12,136.00
84	292.031	FLUSHING STATION - TANK 2" INLET PIPING, CONTROL VALVE	LS	1.00	\$ 9,062.30	\$ 9,062.30
85	293.031	FLUSHING STATION - 10,000 GALLON POLY STORAGE TANK (141" DIAMETER X 160" HEIGHT) (W/ 14'x14' CONCRETE PAD)	LS	1.00	\$ 18,969.37	\$ 18,969.37
86	294.031	FLUSHING STATION - 8" ABOVE GROUND OUTLET PIPING (STEEL, ASTM A120), VALVES, FITTINGS, PIPE SUPPORTS	LS	1.00	\$ 12,488.68	\$ 12,488.68
87	295.031	FLUSHING STATION - 12" BELOW GROUND FLUSH PIPING AND FITTINGS (PVC, C900) (FULLY RESTRAINED)	LS	1.00	\$ 7,673.48	\$ 7,673.48
88	296.031	FLUSHING STATION - ELECTRIC SERVICE AND FLOWMETER PANEL CONNECTION(PER C35)	LS	1.00	\$ 6,791.60	\$ 6,791.60



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
89	297.031	FLUSHING STATION - ALLOWANCE FOR VALVE AUTOMATION (AT FLUSHING TANK) (OPTIONAL)	AL	1.00	\$ 5,000.00	\$ 5,000.00
90	298.031	FLUSHING STATION - GRADING, RELOCATION OF FG EQUIPMENT/MATERIALS, AND OTHER MISC. APPURTENANCES/ IMPROVEMENTS (PROVISIONAL)	FA	10,000.00	\$ 1.00	\$ 10,000.00
91	299.025	REMOVAL AND REPLACEMENT OF EXISTING HARRISON RD CUTOFF WALLS (1'x5') (NEAR BREKKE RD INT)	LF	20.00	\$ 197.78	\$ 3,955.60
92		COST OF CONSTRUCTION - LINE ITEMS SUBTOTAL				\$ 3,212,498.22
93	299.900	II. CMAR CONTINGENCY (UNFORESEEN CONDITIONS) (3% of LINE ITEMS SUBTOTAL)	LS	1.00	\$ 96,374.95	\$ 96,374.95
94		SUBTOTAL A. (DIRECT CONSTRUCTION COSTS)				\$ 3,308,873.17
95	INDIRECT CONSTRUCTION COSTS					
96	III. GENERAL CONDITIONS					
97	300.100	PROJECT SPONSOR (10%)	WK	3.00	\$ 4,600.00	\$ 13,800.00
98	300.101	PROJECT MANAGER (25%)	WK	8.00	\$ 3,375.00	\$ 27,000.00
99	300.102	ASSISTANT PM/CONSTRUCTION MANAGER (33%)	WK	11.00	\$ 3,375.00	\$ 37,125.00
100	300.103	FIELD ENGINEER (33%)	WK	11.00	\$ 2,232.60	\$ 24,558.60
101	300.200	SUPERINTENDENT	WK	32.00	\$ 2,772.60	\$ 88,723.20
102	300.201	DRINKING WATER	WK	32.00	\$ 150.00	\$ 4,800.00
103	300.202	PORTABLE RESTROOMS	MO	8.00	\$ 240.00	\$ 1,920.00
104	300.203	SMALL TOOLS	WK	32.00	\$ 400.00	\$ 12,800.00
105	300.204	YARD/LAND RENTAL	MO	8.00	\$ 1,000.00	\$ 8,000.00
106	300.205	TEMPORARY FENCE FOR YARD	MO	8.00	\$ 681.00	\$ 5,448.00
107	300.206	TEMP. SITE SECURITY CAMERAS	MO	8.00	\$ 1,300.00	\$ 10,400.00
108	300.207	OFFICE SUPPLIES/REPROGRAPHICS	MO	8.00	\$ 350.00	\$ 2,800.00
109	300.208	TRASH DUMPSTER	MO	8.00	\$ 600.00	\$ 4,800.00
110	300.999	SUBTOTAL B. (III. GENERAL CONDITIONS)				\$ 242,174.80
111		SUBTOTAL C. (DIRECT CONST. COSTS + GENERAL CONDITIONS)				\$ 3,551,047.97



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #1 - SCHEDULE OF VALUES

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Line No.	Item No.	Item Description	Unit	Quantity	Unit Cost	Extended Amount
112	400.000	IV. CMAR OVERHEAD (9.68% of Subtotal C)	LS	1.00	\$ 343,741.44	\$ 343,741.44
113		SUBTOTAL D. (DIRECT COSTS + GENERAL CONDITIONS + OVERHEAD)				\$ 3,894,789.41
114	700.000	VII. CONSTRUCTION FEE (5% of Subtotal D)	LS	1.00	\$ 194,739.47	\$ 194,739.47
115	500.000	V. GENERAL LIABILITY INSURANCE (0.2876% of Subtotal D + VIII + V)	LS	1.00	\$ 11,761.49	\$ 11,761.49
116	600.000	VI. PAYMENT AND PERFORMANCE BONDS	LS	1.00	\$ 30,359.56	\$ 30,359.56
117		SUBTOTAL E. (SUBTOTAL D + VII + V + VI)				\$ 4,131,649.93
118	700.100	VIII.a. CITY OF TUCSON SALES TAX* (8.7% at 65% of 78% of Subtotal E)	LS	1.00	\$ 182,242.95	\$ 182,242.95
119	700.200	VIII.b. PIMA COUNTY SALES TAX* (6.1% at 65% of 22% of Subtotal E)	LS	1.00	\$ 36,040.38	\$ 36,040.38
120		VIII. SALES TAX SUBTOTAL (VIII.a. + VIII.b.)				\$ 218,283.33
121		GUARANTEED MAXIMUM PRICE (GMP)				\$ 4,349,933.26
122	900.000	IX. OWNER'S CONTINGENCY (5% of EST. TOTAL CMAR COST)	LS	1.00	\$ 217,496.66	\$ 217,496.66
123		SUBTOTAL F. (OWNER'S CONTINGENCY)				\$ 217,496.66
124		TOTAL CONTRACT COST				\$ 4,567,429.92

*See "ATTACHMENT 7" for Sales Tax Ratio Calculator



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #2 - SCOPE OF WORK

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

BRIEF DESCRIPTION OF WORK:			
Connection of the Fairgrounds WRF to the Conveyance System - via a 15" Gravity Sewer System running between Rita Rd/I-10 and Harrison Rd/Brekke Rd (overall project length of 16,271± LF or 3.08± Miles)			
LIST OF PLANS & SPECIFICATIONS USED FOR COST MODEL			
	Document:	Prepared By:	Date:
1	Connection of the Fairgrounds WRF to the Conveyance System 95% Plans	Dibble Engineering	Apr-19
2	Connection of the Fairgrounds WRF to the Conveyance System Final Design Report	Dibble Engineering	Apr-19
3	Biological Evaluation - Connection of the Fairgrounds WRF to the Conveyance System	Westland Resources	Feb-19
4	Geotechnical Exploration Report - Pima County Regional Reclamation Department - Fairground Sewer	ATEK Engineering Consultants, LLC	Nov-18
5	95% Submittal Review Meeting (April 23, 2019) Meeting Minutes	Dibble Engineering	May-19
6			
7			



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
1	Clarification - No Special Provisions have been provided/included for the construction of the project.
2	Clarification - No SWPPP has been provided/included as part of the construction plans for the project. However, we have established a line item budget for SWPPP BMPs based on similar project experience.
3	Clarification - The project is located partially within unincorporated Pima County and partially within the City of Tucson. As such, our anticipated sales tax amount has been prorated based on the linear footage of sewer line located within each jurisdictional boundary. See "GMP - Attachment #7" for a breakdown our sales tax ratio calculations.
4	Clarification - All new 15" pipe has been priced to be installed as PVC pipe (SDR-35).
5	Clarification - All new 16" pipe has been priced to be installed as PVC pipe (C900, BLUE).
6	Clarification - All new 12" pipe has been priced to be installed as PVC pipe (SDR-35).
7	Clarification - All new 8" pipe has been priced to be installed as PVC pipe (SDR-35).
8	Clarification - All new manholes have been priced as cast-in-place (C.I.P.) concrete bases with precast shaft material (without coating/corrosion protection)
9	Clarification - PVC material prices (quoted by suppliers/manufacturers) are valid through November 2019 (assuming no natural disasters occur that may negatively impact pricing)
10	Clarification - Clearing and grubbing area includes an approximate 80' wide swath from Sta.206+21 to Sta.215+25, an approximate 60' wide swath from Sta.299+50 to Sta.318+00, and an approximate 80' wide swath from Sta.318+00 to the end of the project. These ranges represent an estimated disturbed area of 26.5 acres for the overall project.
11	Clarification - At the May 14, 2019 GMP#1 review meeting, the hydroseeding mix design was specified as PAG Standard Specification 805-2.02(b) Seed Mix No.2. GMP#1 unit price includes the specified hydroseed and affixed hydraulic straw cap. Per Desert Seeders 5/15/19 quote - this item includes 2,000 lbs/acre hydraulic straw mulch, 600 lbs/acre wood fiber mulch, 200 lbs/acre plantago tacking agent, + slow release N fertilizer (24-18-2) at 100 lbs/acre.
12	Clarification - The new pipeline alignment is located within (or crosses) the public right-of-way of several different jurisdictional authorities, including ADOT (estimated at \$3,500), Pima County (estimated at \$3,200), and City of Tucson (estimated at \$2,100) As such, we've established generic permitting allowance, but specific permitting requirements and associated fees/costs will be identified as the right-of-way permits are approved/issued.
13	Clarification - The new pipeline construction will directly impact travel lanes of Rita Road, Pilot Driveway, Rocket Stravenue, Shooting Range Driveway, and Harrison Road. Impacts may require temporary road closures or temporary detours/lane shifts to reroute traffic around construction activities. We have included a Temporary Detour Allowance for maintaining travel lanes around construction areas that are within existing roadways/parking lots (to be determined once detailed traffic control concepts are approved by the corresponding jurisdictional authorities).



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
14	Clarification - Our pipeline and manhole installation unit prices reflect the use of spoils generated by pipe trench excavation as suitable trench backfill (without screening) above the shading. This clarification/assumption is based upon our review of the Geotechnical Report prepared for the project and (5) test excavations performed along the proposed alignment (during the preconstruction phase). If screening of native material becomes a requirement (prior to trench backfill), our pipeline and manhole installation unit prices will require modification.
15	Clarification - Any excess spoil material generated by the project (after backfill) is assumed to be hauled away from the project limits and properly disposed of within 5 miles of the project limits. Additional trucking costs may be required if the actual haul distance exceeds 5 miles. If however, excess material can be wasted/spread along the new sewer alignment and within Pima County right-of-way/easements established as part of this project, a considerable cost savings would be available to the project (i.e. we could eliminate the need for trucking waste material from the project limits).
16	Clarification - Material prices based on current market conditions at time of GMP preparation - material prices will need to be revisited and confirmed if for some reason construction is delayed beyond the schedule provided as part of GMP#1.
17	Clarification - Per coordination with PCRWRD, all stabilized surface areas will be compacted Aggregate Base Course (ABC) in lieu of cement treated soil. 6" ABC will be installed per RWRD STD DTL 111 between Sta.206+00 to Sta.322+25 (north edge of Rocket Stra) and within the existing Lagoons Site. Per discussions at the April 23, 2019 95% review comment meeting, access to new manholes along the remainder of the alignment (Sta.322+50 to Sta.540+00) will be from the adjacent paved roadway via compacted 6" ABC turnouts (per Detail 5 on Sheet C28).
18	Clarification - GMP#1 includes (1) fully equipped 5' diameter metering manhole to be located at an upstream location within the existing FGWRF site (currently identified as MH#33 in the 95% plans). A second 5' diameter future-use metering manhole has also been included for a downstream location (currently identified as MH#8 in the 95% plans). The future use metering manhole will not include any equipment/meters (to be installed at a future date under a separate project).
19	Clarification - Manhole #30 is currently shown as a drop manhole (per RWRD DTL 229) that serves as the entry point for the clean water flushing system. Per the April 23, 2019 95% review comment meeting, MH#30 will be constructed per the RWRD DTL 229 - but will not require corrosion protection or DIP piping due to the clean water being used for flushing. As such, no cost for corrosion protection at MH#30 has been included in the GMP.
20	Clarification - Sewer sand bedding to meet Pima County's current standard specification of 6" below pipe, 12" on both sides of pipe, and 12" above pipe.



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
21	Clarification - To ensure casing line/grade accuracy, we are requiring our subcontractor to use a guided boring head or pilot tube system for the proposed borings
22	Clarification - Indirect costs for Project Manager, Assistant PM/Construction Manager, Project Engineer, and Superintendent were calculated based on an 8 month construction duration.
23	Clarification - Traffic control is an allowance item and will be billed based on actual vendor invoices plus applicable markups.
24	Clarification - Based on our estimate of project risk, we have assigned a for Contractor Contingency (Unforeseen Conditions) at a rate of 3% (applied to direct cost). Per direction from Pima County, we have also assigned a Owner Contingency (Unforeseen Conditions) at a rate of 5% (of total GMP).
25	Clarification - Per PCRWRD direction, a \$5,000 allowance for valve automation at the flushing tank has been included in GMP#1
26	Clarification - GMP#1 anticipates construction starting at the I-10 casing bore simultaneously with the Rita Rd manhole connection/Pilot property installations. While construction proceeds upstream from Rita Rd, the casing bore will be simultaneously installed such that upon completion of the casing bore, the project can immediately proceed to the south side of I-10. The simultaneous construction of the casing bore and northern end of the project will provide a significant reduction in overall construction duration. South of I-10, a traditional construction sequence (downstream to upstream) will be used to complete the project. This GMP does NOT include any provisions for a delay in the ADOT encroachment permit process (or any other out-of-sequence construction) if the ADOT approvals are not obtained by June 30, 2019.
27	Assumption - Use of unscreened native material for all backfill above shading and below ABC/AC (i.e., no slurry to be used in backfill) is acceptable – If screening of native material and/or slurry will become required for backfill, we will need to update our unit costs and construction durations.
28	Assumption - It is understood plan revisions and detailed designs are outstanding for the interception of existing residential sewer flows entering the FGWRF from south of the existing lagoons. Our GMP includes line item budgets for the general concept provided in the 30% plans - and includes the extension of an 8" sewer line and two 4' diameter manholes in order to intercept and reroute the existing flows. We will work with Pima County and Dibble to update actual construction costs once a detailed design becomes available for this system.
29	Exclusion - Per direction received from the Pima County Procurement Department, GMP#1 does not include any SBE utilization goals/requirements.
30	Exclusion - GMP does not include any PCRWRD 2.5% inspection fees.
31	Exclusion - GMP does not include costs related to Construction Authorization and/or Discharge Authorization applications/fees
32	Exclusion - GMP excludes all costs for plant/tree/cacti salvage or transplanting.



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
33	Exclusion - Our 30% cost model including an allowance for a future bio-filter system near the Pilot Station (based on the 30% Engineer's Opinion of Probable Construction Cost). We have since been notified that the bio-filter system will not be constructed with this project and therefore have excluded the bio-filter improvements from GMP#1
34	Exclusion - No budget has been included to address NPPO. It is assumed any/all fees, plant salvage/relocation, or other mitigation costs will be handled outside the construction contract.
35	Exclusion - No budget has been included to address 404 permitting fees. It is understood any/all 404 permitting costs will be handled outside the construction contract. In addition, the 95% submittal received by Borderland did not include any 404 permitting requirements - As such, we have not considered any specialty construction methods/techniques to cross existing washes/drainageways.
36	Exclusion - No budget has been included to address Riparian Area mitigation fees. It is assumed any/all in-lieu fees or other mitigation costs will be handled outside the construction contract.
37	Exclusion - Slurry costs were not included anywhere within the trench backfill (other than within the ADOT 36" steel casing). The cost for trench backfill is reflective of using onsite native materials.
38	Exclusion - The included pricing does not include any corrosion protection coatings (or specialty materials) for pipelines, fittings, or structures
39	Exclusion - Any/all existing invasive species within the project area are assumed to be removed as part of clear/grub operations. No special considerations/costs have been identified for removal of invasive species.
40	Exclusion - No cost has been identified for bypass pumping of existing sewer flows. GMP#1 assumes existing manhole #3289-12 (the connection to the existing Rita Rd conveyance system) is the end of the current system and does not have active flows.
41	Exclusion - No cost has been identified for a construction job trailer.
42	Exclusion - Cathodic protection for the 36" steel casing crossing I-10 (that was assumed in the initial 30% cost model) has been excluded. GMP#1 does not include any anodes, test stations, or test reports for the 36" steel casing because the casing annular space will be filled with CLSM, per plan.
43	Exclusion - GMP#1 does not include any costs for Public Relations during construction activities. Instead it is understood Pima County will coordinate any/all construction PR efforts with their internal communications staff.



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #3 - CLARIFICATIONS, ASSUMPTIONS, EXCLUSIONS

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

CLARIFICATIONS, ASSUMPTIONS, AND EXCLUSIONS TO THE SCOPE OF WORK:	
44	<p>Exclusion - The current alignment crosses numerous existing electric, communication, fiber optic, gas, water, and other third-party utility facilities. Other than those specifically stated within the construction cost line items, there has not been any specific existing utility conflict resolutions identified in the construction plans. As such, we've assumed all existing utility facilities can be protected place (and/or avoided) - and therefore we've excluded any costs for third-party utility relocations. If/when conflicts arise, resolution details will need to be coordinated through utility owners and the design team and plan updates will need to define the CMAR's scope of work vs. third party utility contractor work (as-needed). This will allow future/separate GMPs, and/or third-party contract/agreements, to resolve currently unforeseen utility conflicts. It has been assumed that any design, approval, and construction of any utility system modifications will occur within the sewer project schedule (i.e. no special considerations for additional time have been accounted for within GMP#1).</p>

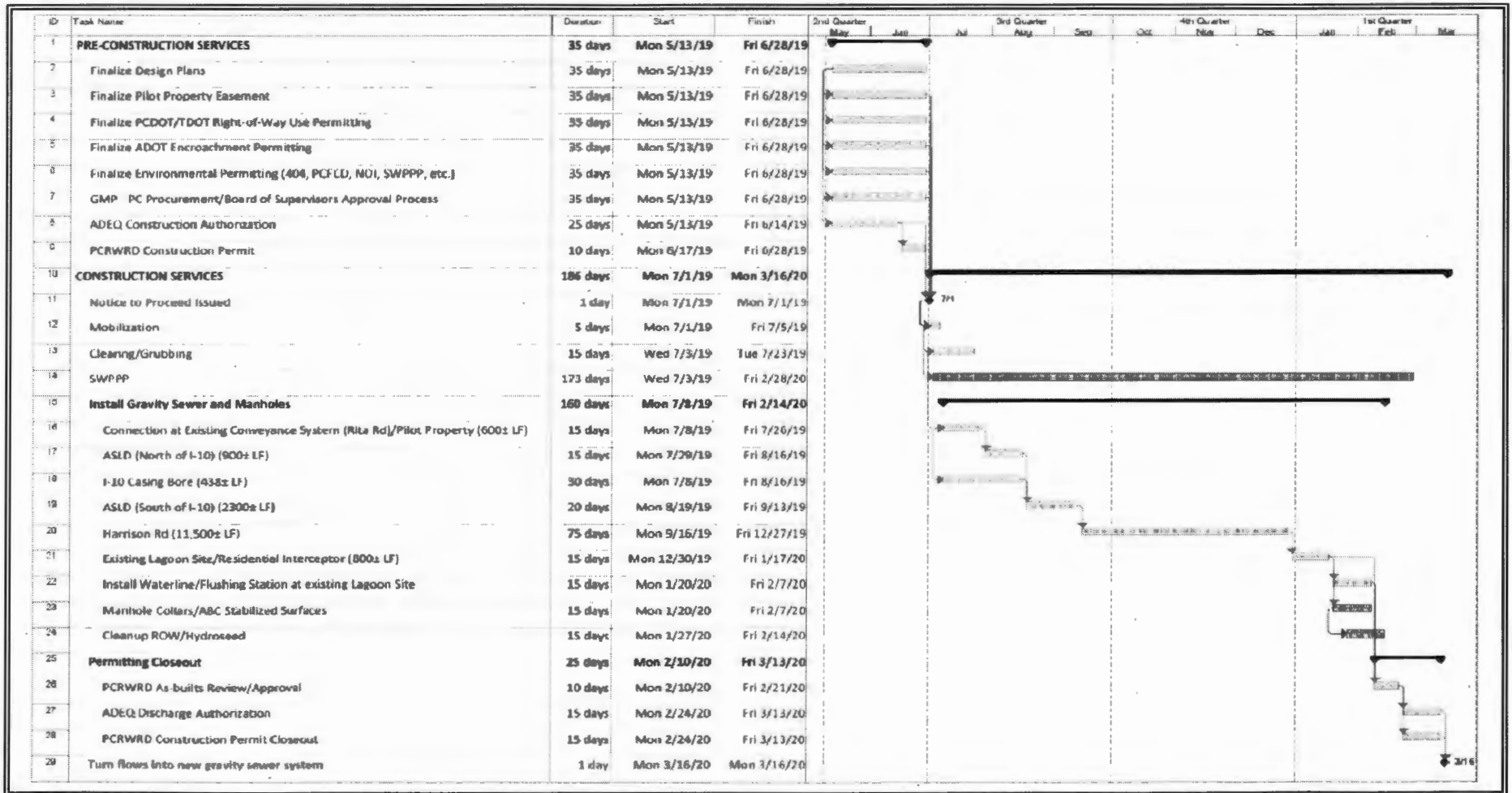
Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #4 - CONCEPTUAL CONSTRUCTION SCHEDULE

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019



Borderland

CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #5 - CASH-FLOW FORECAST

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

Estimated Monthly Cash-Flow Forecast									
Major Work Items	FY19-20Work								
	Work Performed: Jul-19*	Work Performed: Aug-19	Work Performed: Sep-19	Work Performed: Oct-19	Work Performed: Nov-19	Work Performed: Dec-19	Work Performed: Jan-20	Work Performed: Feb-20	Work Performed: Mar-20
	**To be Invoiced: Aug-19	To be Invoiced: Sep-19	To be Invoiced: Oct-19	To be Invoiced: Nov-19	To be Invoiced: Dec-19	To be Invoiced: Jan-20	To be Invoiced: Feb-20	To be Invoiced: Mar-20	To be Invoiced: Apr-20
Mobilization	\$ 350,000.00								
Clearing/Grubbing									
Install - Pilot Property									
Install - ASD (North of I-10)		\$ 250,000.00							
Install - I-10 Casing Bore	\$ 350,000.00	\$ 150,000.00							
Install - ASD (South of I-10)		\$ 300,000.00	\$ 300,000.00						
Install - Harrison Rd			\$ 400,000.00	\$ 650,000.00	\$ 620,000.00	\$ 580,000.00			
Install - Lagoons Site							\$ 300,000.00	\$ 80,000.00	
Manhole Collars/ Stabilized Surfaces									
Cleanup ROW/ Hydroseed									
Permit Closeout/Turn Flows									\$ 19,933.26
Monthly Subtotals	\$ 700,000.00	\$ 700,000.00	\$ 700,000.00	\$ 650,000.00	\$ 620,000.00	\$ 580,000.00	\$ 300,000.00	\$ 80,000.00	\$ 19,933.26
FY Subtotals	\$4,349,933.26								
Total***	\$4,349,933.26								
*Forecast assumes start of construction on July 1, 2019 - assuming BOS approval pf GMP#1 package in June 2019.									
**Estimated amounts reflect anticipated installations/work completed by end of prior month									
***Forecast Total does NOT include unencumbered Owners Contingency amount of \$217,496.60									



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #6 - SUBCONTRACTORS LIST

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

LIST OF ANTICIPATED SUBCONTRACTORS						
	Company	Scope of Work:	Selection Based on:	Anticipated Subcontractor Participation		
				SBE Status? (YES/NO)	Anticipated Subcontract Value (\$)	Anticipated Participation (%)
1	Rockridge Construction	Rip Rap	Qualifications and Price	YES	\$ 79,454.26	1.83%
2	DOWL	Construction Survey	Qualifications and Price	NO	\$ 122,500.00	2.82%
3	Gonzales Boring and Tunneling, Inc.	Casing Bore	Qualifications and Price	NO	\$ 362,142.78	8.33%
4	CMT Engineering Laboratories	Compaction/Concrete Testing	Qualifications and Price	NO	\$ 65,000.00	1.49%
5	Smyth Industries	Electrical	Qualifications and Price	NO	\$ 5,500.00	0.13%
6	Trafficade	Signage	Qualifications and Price	NO	\$ 10,350.00	0.24%
7	Desert Seeders	Hydroseed	Qualifications and Price	NO	\$ 56,940.00	1.31%
8	EPAC	SWPPP	Qualifications and Price	NO	\$ 8,300.00	0.19%
Anticipated Subcontractor Total Value					\$ 710,187.04	16.33%
Anticipated Self-Performance Total Value					\$3,639,746.22	83.67%



CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

ATTACHMENT #7 - SALES TAX RATIO CALCULATOR

GMP#1 - CONSTRUCTION OF 15" DIAMETER GRAVITY SEWER (BASED ON 95% PLANS)

Updated: May 15, 2019

SEGMENT	BEGIN STATION	END STATION	LENGTH	JURISDICTION	NOTES
1	200+40.00	219+46.00	1,906.00	CITY OF TUCSON	Rita Rd to south side of ADOT
2	300+00.00	322+86.00	2,286.00	CITY OF TUCSON	South of I-10 to Rocket Stravenue
3	424+16.00	509+77.00	8,561.00	CITY OF TUCSON	Rocket Stravenue to City Limits
4	509+77.00	539+62.00	2,985.00	PIMA COUNTY	City Limits to Fairgrounds WRF
5	539+62.00	544+95.00	533.00	PIMA COUNTY	Inside Fairgrounds WRF
PHASE 2 - TOTAL LENGTH			16,271.00		

JURISDICTION	LENGTH	% of TOTAL LENGTH	% of TOTAL LENGTH (ROUNDED)*
CITY OF TUCSON	12,753.00	78.38%	78.00%
PIMA COUNTY	3,518.00	21.62%	22.00%
TOTALS	16,271.00	100.00%	100.00%

*USE ROUNDED PERCENTAGES TO
CALCULATE SALES TAX

**ARIZONA STATUTORY PERFORMANCE BOND
PURSUANT TO TITLE 34, ARIZONA REVISED STATUTES
(Penalty of this Bond shall not be less than 100% of Contract Amount)**

Bond No. 107018503

KNOW ALL MEN BY THESE PRESENTS: That we Borderland Construction Company, Inc. (hereinafter called the Principal), and Travelers Casualty and Surety Company of America, a corporation duly authorized to do business in the State of Arizona with its principal office in the city of Hartford, CT (hereinafter called the Surety), are held and firmly bound unto Pima County, Arizona (hereinafter called the Obligee), in the amount of Four Million Five Hundred Sixty Seven Thousand Four Hundred Twenty * Dollars (\$4,567,429.92) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally, firmly by these presents. * Nine and 92/100

WHEREAS, said Principal has entered into a certain Contract, with said Obligee, dated November 6, 2018 (hereinafter called the "Contract"), for project CT-PW-19-217 CMAR for Connection of the Fairgrounds WRF to Conveyance** which Contract shall be deemed a part hereof as fully as if set out herein. ** System (3FGS17)

NOW, THEREFORE, the condition of this obligation is such, that if the above bonded Principal shall faithfully perform all the undertakings, covenants, terms, conditions and agreements of said contract and any extension thereof, and during the life of the guarantee required under the contract, then this obligation shall become null and void, otherwise it shall be and remain in full force and virtue.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or the Specifications.

The prevailing party in a suit to recover on this bond shall also recover as part of his judgment such reasonable attorney's fees as may be fixed by a Judge of the Court.

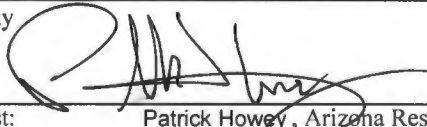
WITNESS our hands this 20th day of May, 20 19

Borderland Construction Company, Inc.
Principal

By: 

Travelers Casualty and Surety Company of America
Surety

By: 
Tina Marie Perkins, Attorney-In-Fact

Attest:  Patrick Howey, Arizona Resident Agent

ARIZONA STATUTORY PAYMENT BOND
PURSUANT TO TITLE 34, ARIZONA REVISED STATUTES
(Penalty of this Bond shall not be less than 100% of Contract Amount)

Bond No. 107018503

KNOW ALL MEN BY THESE PRESENTS: That we Borderland Construction Company, Inc. (hereinafter called the Principal), and Travelers Casualty and Surety Company of America, a corporation duly authorized to do business in the State of Arizona with its principal office in the city of Hartford, CT (hereinafter called the Surety), are held and firmly bound unto Pima County, Arizona (hereinafter called the Obligee), in the penal sum of Four Million Five Hundred Sixty Seven Thousand Four Hundred Twenty * Dollars (\$4,567,429.92) lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally, firmly by these presents. * Nine and 92/100

WHEREAS, said Principal has entered into a certain Contract, with said Obligee, dated November 6, 20 18 (hereinafter called the "Contract"), for project CT-PW-19-217 CMAR for Connection of the Fairgrounds WRF to ** which Contract shall be deemed a part hereof as fully as if set out herein. ** Conveyance System (3FGS17)

NOW, THEREFORE, THE CONDITION OF THE OBLIGATION IS SUCH, that if the Principal promptly pays all monies due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in the contract, this obligation is void. Otherwise it remains in full force and effect.

The prevailing party in a suit to recover on this bond shall also recover as part of his judgment, such reasonable attorney's fees as may be fixed by a Judge of the Court.

WITNESS our hands this 20th day of May, 20 19

Borderland Construction Company, Inc.
Principal

By: 

Travelers Casualty and Surety Company of America
Surety

By: 

Tina Marie Perkins, Attorney-In-Fact

Attest: 
Patrick Howey, Arizona Resident Agent



**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 **Tina Marie Perkins** of **TUCSON, Arizona**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, 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 **17th** day of **January**, 2019.



State of Connecticut

City of Hartford ss.

By: 
Robert L. Raney, Senior Vice President

On this the **17th** day of **January**, 2019, 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 said Companies 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




Anna P. Nowik, 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.

Dated this **20th** day of **May**, 2019 .




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 this Power of Attorney is attached.**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

05/17/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Carstin Insurance Partners, LLC 20 E. White Mountain Blvd A5 Box 301 Lakeside, AZ 85929	480-620-7490 480-659-4315	CONTACT NAME: Carstin Insurance Partners, LLC PHONE (A/C, No, Ext): 480-620-7490 FAX (A/C, No): 480-659-4315 E-MAIL ADDRESS: Steve@carstin.com
INSURED Borderland Construction Company, Inc. 400 E. 38th Street Tucson, AZ 85013		INSURER(S) AFFORDING COVERAGE INSURER A: Allied World National Assurance Co. NAIC # 10690 INSURER B: Hartford Insurance Company 37478 INSURER C: Twin City Fire Insurance 14974 INSURER D: Westchester Surplus Lines Ins. Co. 10172 INSURER E: INSURER F:

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	AWAC 0308-6588	11/01/2018	11/01/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Employee Benefit \$ 1,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	59 CSE QU1021	11/01/2018	11/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	AWAC 0309-8309	11/01/2018	11/01/19	EACH OCCURRENCE \$ 25,000,000 AGGREGATE \$ 25,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>	59 WN QU1020	11/01/2018	11/01/19	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Equipment	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	59 UUM AM4514	11/01/2018	11/01/2019	Per Form
D	Pollution Liability	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	G71193317 001	12-22-18	12-22-21	\$3,000,000 / \$6,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Pima County, and all others as their interest may appear are added as additional insureds as regards the General, Automobile, and Umbrella Liability when required by written contract. Waiver of subrogation in favor of Pima County, and any others as their interest may appear, as regards the General, Automobile, Umbrella Liability and Workers Compensation applies when required by written contract. Coverage is primary and non-contributory. 30 Day notice of cancellation applies in accordance with State law.

Project: CMAR for Connection of the Fairgrounds WRF to the Conveyance System

CERTIFICATE HOLDER

CANCELLATION

Pima County
Design & Construction Division
130 W. Congress Stl 3rd Floor
Tucson, AZ 85701-1317

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ADDITIONAL REMARKS SCHEDULE

AGENCY Carstin Insurance Partners, LLC		NAMED INSURED Borderland Construction Company, Inc.	
POLICY NUMBER		400 E. 38th Street	
CARRIER		Tucson, AZ 85013	
NAIC CODE		EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: _____ FORM TITLE: _____

Certificate holder, and all others as their interest may appear, is/are added as an additional insured as regards the General,

Automobile, and Umbrella Liability coverage for both ongoing and completed operations.

Endorsement(s): CG 2010 04 13 and CG 2037 04 13

There is no restriction on "residential work".

Waiver of subrogation in favor of the certificate holder, and any/all others as their interest may appear, applies to the General Liability, Automobile liability, Umbrella Liability and Workers Compensation.

Endorsement: CG 2404 05 09 and WC 0030

Coverage afforded under the policies will not be canceled, terminated or materially altered until at least thirty (30) days' prior written notice has been provided to the certificate holder.

The Contractor's insurance coverage shall be primary insurance with respect to all other available sources, except for Workers Compensation insurance.

Endorsement: GL: 00030 00 10/09

Automobile Liability provides coverage with respect to the Contractor's owned, hired, or non-owned vehicles assigned to or used in performance of the services.

CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

Workers Compensation coverage includes coverage for all Proprietors, Partners, and Executive Officers of the company

30 Day notice of cancellation will be sent to certificate holder in accordance with Arizona law, with the exception of 10 day notice for non-payment of premium.



PROCUREMENT DEPARTMENT

DESIGN & CONSTRUCTION DIVISION • 130 W. CONGRESS STREET, 3RD FLOOR • TUCSON, ARIZONA 85701-1317
TELEPHONE (520) 724-3727 • FAX (520) 724-4434

INSURANCE CARRIER VERIFIES PIMA COUNTY IS NAMED AS ADDITIONAL INSURED TO THE COMPREHENSIVE COMMERCIAL GENERAL LIABILITY POLICY AND THE COMPREHENSIVE AUTOMOBILE LIABILITY POLICY REFERENCED BELOW, THE COUNTY BEING ADDED BY ENDORSEMENT TO THE POLICIES.

Borderland Construction Company, Inc.

Insured Firm

AWAC 0308-6588

Policy Number

Allied World National Assurance Company

Insurance Carrier

Steve Carvajal

Authorized Carrier Signature

Steve Carv
Printed Name

05-17-2019
Date of Signature

NOTE: This document must be included with Insurance Certificates at time of signing contract or renewing contract.