



## BOARD OF SUPERVISORS AGENDA ITEM REPORT CONTRACTS / AWARDS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 06/22/21

\* = 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 Aerospace Parkway Widening (4AERO2)

**\*Purpose:**

Amendment: Contract No. CT-PW-17-328, Amendment No. Thirteen (13). This amendment increases the amount of the contract and GMP 5 - Owner's Contingency by \$20,000.00 for a cumulative not-to-exceed amount of \$7,135,094.69 to offset potential costs risks related to the ongoing material price escalations, costs of maintaining traffic control during construction, and extends the term of the contract to 12/31/21 due to delays caused by the Raytheon South Entrance Project not being completed at this time. Administering Department: Public Works.

**\*Procurement Method:**

Pursuant to Solicitation for Qualifications No. 247692, on 05/02/17, the Board of Supervisors awarded a contract for this project in the amount of \$183,369.91 for pre-construction services for a contract term of 05/02/17 to 05/01/18. Amendment Nos. 1, 3, 4, 5, 8, and 11 totaling \$7,525,192.38 were approved by the Board of Supervisors to extend the term of the contract to 06/30/21, incorporate an accepted GMP1 Phase 1, GMPs 2, 3, 4, and 5 Phase 2 schedules, and scope of work. Amendment Nos. 2, 6, 7, 9, 10, and 12, totaling a net reduction of \$593,467.61 were approved by the Procurement Director to reconcile line items for GMPs 1, 2, 3, 4, and 5, modify scope of work, add GMP 5 Line Item #93 - PCDOT - NOG HWY ADD'L SIGNAGE included in OWNER'S CONTINGENCY, and extend the term of the contract to 03/31/19.

Attachment: Amendment No. Thirteen (13)

**\*Program Goals/Predicted Outcomes:**

This contract is for the CMAR to provide pre-construction and construction services for the entire Aerospace Parkway Widening Project including intersection improvements at Nogales Highway and Raytheon Parkway. The pre-construction services phase includes value engineering, constructibility reviews, and a cost model development. The CMAR will develop multiple GMPs for each of the phases to construct the project throughout the term of the Contract and incorporate into this Contract by Amendment.

**\*Public Benefit:**

The construction of this expansion will provide the infrastructure needed for both the commercial and industrial growth being promoted in the area of the Aerospace corridor including known increased traffic needs at Raytheon and Vector Space. The result of this development will be to support growth in the local economy which will benefit the entire region.

**\*Metrics Available to Measure Performance:**

Performance will be measured using the contractor evaluation process as outlined in BOS Policy D29.1.E.I. At the end of the pre-construction phase, the CMAR will provide GMP(s) which will be incorporated into this Contract by Amendment, showing the project will be constructed within the estimated budget.

**\*Retroactive:**

No.

TO: COB 6-2-21 (1)  
Vers.: 34 pgs.: 15

**Contract / Award Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_  
 Commencement 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 22-10.

**Amendment / Revised Award Information**

Document Type: CT Department Code: PW Contract Number (i.e., 15-123): 17-328  
 Amendment No.: 13 AMS Version No.: 34  
 Commencement Date: 06/22/21 New Termination Date: 12/31/21  
 Prior Contract No. (Synergen/CMS): \_\_\_\_\_  
☒ Expense or ☐ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 20,000.00

Is there revenue included? ☐ Yes ☒ No If Yes \$ \_\_\_\_\_

**\*Funding Source(s) required:** HURF 12.6 %

Funding 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): \_\_\_\_\_  
 Commencement 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: Matt Sage, CPPB Matthew Sage Digitally signed by Matthew Sage  
Date: 2021.05.26 07:52:28 -07'00' Scott Loomis Digitally signed by Scott Loomis  
Date: 2021.05.27 14:14:06 -07'00'  
 Department: Procurement Terri Spencer Digitally signed by Terri Spencer  
Date: 2021.05.27 14:57:12 -07'00' Telephone: 724-8586

Department Director Signature/Date: \_\_\_\_\_ Nancy Cole 5/28/21

Deputy County Administrator Signature/Date: \_\_\_\_\_ 5/28/2021

County Administrator Signature/Date: \_\_\_\_\_ 6/1/21  
 (Required for Board Agenda/Addendum Items)

**PIMA COUNTY PUBLIC WORKS ADMINISTRATION**

**PROJECT:** Construction Manager at Risk Services for Aerospace Parkway Widening (4AERO2)  
**CONTRACTOR:** Borderland Construction Company, Inc.  
P.O. Box 27406  
Tucson, Arizona 85726  
**CONTRACT NO.:** CT-PW-17-328  
**AMENDMENT NO.:** Thirteen (13)  
**FUNDING:** HURF 12.6%

<b>CONTRACT TERM:</b> 05/02/2017 - 05/01/2018	<b>ORIGINAL CONTRACT AMOUNT:</b>	\$	183,369.91
<b>TERMINATION PRIOR AMENDMENT:</b> 06/30/21	<b>PRIOR AMENDMENT(S):</b>	\$	6,931,724.78
<b>TERMINATION THIS AMENDMENT:</b> 12/31/21	<b>AMOUNT THIS AMENDMENT:</b>	\$	20,000.00
	<b>REVISED CONTRACT AMOUNT:</b>	\$	7,135,094.69

**CONTRACT AMENDMENT**

**WHEREAS**, at its regularly scheduled meeting on May 2, 2017, the Board of Supervisors approved the award of a Construction Manager at Risk Contract by COUNTY to CONTRACTOR for the above-named Project; and

**WHEREAS**, COUNTY and CONTRACTOR have completed pre-construction services; and

**WHEREAS**, CONTRACTOR submitted a Guaranteed Maximum Price (GMP) 1, 2, 3, 4, and 5 that were acceptable to COUNTY for the construction phase of the project; and

**WHEREAS**, each GMP included a COUNTY and CONTRACTOR'S Contingency that is included in the total contract amount; and

**WHEREAS**, GMPs 1, 2, 3, and 4 have been completed; and

**WHEREAS**, COUNTY intends to increase the amount of the contract in GMP 5 – Owner's Contingency to offset potential costs risks related to the ongoing material price escalations, costs of maintaining traffic control during construction, and extends the term of the contract due to delays caused by the Raytheon South Entrance Project not being completed at this time; and

**WHEREAS**, COUNTY and CONTRACTOR have agreed to these modifications.

**NOW, THEREFORE**, it is agreed as follows:

**CHANGE:** **ARTICLE 1 – TERM**, as follows:

**FROM:** "This Contract, as approved by the Board of Supervisors, ... terminates on June 30, 2021, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion."

**TO:** "This Contract, as approved by the Board of Supervisors, ... terminates on **December 31, 2021**, unless sooner terminated or further extended for Project completion. COUNTY may, with written notice to CMAR, extend this Contract for such additional period or periods as may be required for Project completion."

**CHANGE:** **ARTICLE 3 – PRE-CONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE,**  
Paragraph A, as follows:

**FROM:** "COUNTY will pay CMAR a Pre-construction Services Fee for Pre-construction Services. The CMAR's Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages), Appendix "C" General Conditions (45 pages), and Appendix "E" – Small Business Enterprise Requirements (2 pages), Appendix "F" GMP 1, Phase 1 (15 pages), and Appendix "F-1" GMP 1, Phase 1 (17 pages), Appendix "F-2" GMP 2, Phase 2 (16 pages), Appendix "F-3" GMP 3, Phase 2 (10 pages), Appendix "F-4" GMP 4, Phase 2 (15 pages), and Appendix "F-5" GMP 5, Phase 2 (11 pages). Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs."

**TO:** "COUNTY will pay CMAR a Pre-Construction Services Fee for Pre-Construction Services. The CMAR's Construction Services Fee, plus the cost of the Work (direct construction cost) including CMAR contingency, bonds, insurance and taxes (indirect construction costs) will comprise the GMP(s) to be established in compliance with Appendix "B" Supplemental Provisions – Construction Costing (10 pages), Appendix "C" General Conditions (45 pages), and Appendix "E" – Small Business Enterprise Requirements (2 pages), Appendix "F" GMP 1, Phase 1 (15 pages), Appendix "F-1" GMP 1, Phase 1 (17 pages), **Appendix "F-1", Attachment 1, dated December 19, 2018 (16 pages), Appendix "F-1", Attachment 2 (16 pages),** Appendix "F-2" GMP 2, Phase 2 (16 pages), **Appendix "F-2", Attachment 1, dated December 19, 2018 (14 pages), Appendix "F-2", Attachment 2 (14 pages),** Appendix "F-3" GMP 3, Phase 2 (10 pages), **Appendix "F-3", Attachment 1, dated January 7, 2019 (7 pages),** Appendix "F-4" GMP 4, Phase 2 (15 pages), **Appendix "F-4", Attachment 1 (16 pages), Appendix "F-4", Attachment 2 (17 pages),** Appendix "F-4", Attachment 3 (16 pages), Appendix "F-5" GMP 5, Phase 2 (11 pages), **Appendix "F-5", Attachment 1 (11 pages), Appendix "F-5", Attachment 2 (11 pages),** Appendix "F-5", Attachment 3 (11 pages), **Appendix "F-5", Attachment 4 (11 pages), and Appendix "F-5", Attachment 5 (11 pages).** Unless otherwise agreed, CMAR's GMP will include all required sales, use, franchise and other taxes in effect on the date of COUNTY approval of the GMP, as well as all applicable bond and insurance costs."

**CHANGE:** **ARTICLE 3 – PRE-CONSTRUCTION SERVICES FEE AND GUARANTEED MAXIMUM PRICE,**  
Paragraph B, as follows:

**FROM:** "The Preconstruction Services Phase Fee will not exceed One Hundred Eighty-Three Thousand Three Hundred Sixty-Nine Dollars and Ninety-One Cents (\$183,369.91). CMAR Construction Phase 1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 1, in the amount of One Million Five Hundred Thirty-Eight Thousand Eight Hundred Ninety-Two Dollars and Fifty-One (\$1,538,892.51) inclusive of Thirty-Seven Thousand Five Hundred Sixty-Three Dollars and Fifty-Two Cents (\$37,563.52) for COUNTY (Owner) contingency is hereby included in Appendix "F-1". CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 2, in the amount of Two Million Three Hundred Thirty Thousand One Hundred Seventy-Eight Dollars and Eight Cents (\$2,330,178.08) inclusive of One Hundred Ten Thousand Nine Hundred Sixty Dollars and Eighty-Six Cents (\$110,960.86) for COUNTY (Owner) contingency, is hereby included in Appendix "F-2". CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 3, in the amount of One Million Eighty-Four Thousand Four Hundred Fifty-Two Dollars and Seventy-Six Cents (\$1,084,452.76) inclusive of Fifty-One Thousand Six Hundred Forty Dollars and Sixty-One Cents (\$51,640.61) for COUNTY (Owner) contingency, is hereby included in Appendix "F-3". CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 4, in the amount of One Million Eight Hundred Thirty-Two Thousand Three Hundred Ninety-One Dollars and Seventy-Three Cents (\$1,832,391.73) inclusive of Eighty-Seven Thousand Two Hundred Fifty-Six Dollars and Seventy-Five Cents (\$87,256.75) for COUNTY (Owner) contingency, is hereby included in Appendix "F-4". CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct

construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 5, in the amount of Eight Hundred Fifty-Nine Thousand Three Hundred Thirty-Five Dollars and Ninety-Five Cents (\$859,335.95) inclusive of Twenty-Five Thousand Twenty-Nine Dollars and Twenty Cents (\$25,029.20) for COUNTY (Owner) contingency, is hereby included in Appendix "F-5" COUNTY's acceptance of GMP 4 and GMP 5, Phase 2 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable."

**TO:** "Total payment for this Contract will not exceed Seven Million One Hundred Thirty-Five Thousand Ninety-Four Dollars and Sixty-Nine Cents (\$7,135,094.69). This includes the Pre-Construction Services Phase Fee that will not exceed One Hundred Six Thousand Forty-Five Dollars and Thirteen Cents (\$106,045.13) incorporated in Appendix "D" – Preconstruction Services Fee Proposal (16 pages) and Appendix "D", Attachment 1, dated December 19, 2018 (7 pages). CMAR Construction Phase 1 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 1, in the amount of One Million Three Hundred Seventy-Seven Thousand Eight Hundred Eighty-Three Dollars and Sixty-Four Cents (\$1,377,883.64) is hereby included in Appendix "F-1", Appendix "F-1", Attachment 1, dated December 19, 2018, and Appendix "F-1", Attachment 2. CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 2, in the amount of One Million Nine Hundred Twenty-Six Thousand One Hundred Fifty-Seven Dollars and Thirty-One Cents (\$1,926,157.31) is hereby included in Appendix "F-2", Appendix "F-2", Attachment 1, dated December 19, 2018, and Appendix "F-2", Attachment 2. CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 3, in the amount of Nine Hundred Six Thousand Seven Hundred Sixty-Eight Dollars and Seventy-Seven Cents (\$906,768.77) is hereby included in Appendix "F-3" and Appendix "F-3", Attachment 1, dated January 7, 2019. CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 4, in the amount of One Million Eight Hundred Seventy-Eight Thousand Three Hundred Twenty-Three Dollars and Eleven Cents (\$1,878,323.11) is hereby included in Appendix "F-4", Appendix "F-4", Attachment 1, Appendix "F-4", Attachment 2, and Appendix "F-4", Attachment 3. CMAR Construction Phase 2 Fee, that includes the Cost of the Work (direct construction cost), CMAR contingency, bonds, insurance and taxes (indirect construction costs) which comprises GMP 5, in the amount of Nine Hundred Thirty-Nine Thousand Nine Hundred Sixteen Dollars and Seventy-Three Cents (\$939,916.73) inclusive of Forty-Five Thousand Twenty-Six Dollars and Sixty-Five Cents (\$45,026.65) for COUNTY (Owner) contingency, is hereby included in Appendix "F-5", Appendix "F-5", Attachment 1, Appendix "F-5", Attachment 2, Appendix "F-5", Attachment 3, Appendix "F-5", Attachment 4, and Appendix "F-5", Attachment 5. COUNTY's acceptance of GMP 5, Phase 2 is subject to the understanding of the Parties that all other elements of future GMPs, if any, are and remain negotiable."

**INCREASE:** GMP 5 shall be increased from \$919,916.73 to \$939,916.73.

**ADD:** Line Item #94 – POTENTIAL MATERIAL COST ESCALATIONS and COST TO MAINTAIN TRAFFIC DURING CONSTRUCTION for \$20,000.00 included in OWNER'S CONTINGENCY.

**ADD:** APPENDIX "F-5", ATTACHMENT 5 – GMP 5, Phase 2; Line Item Reconciliation #5 (11 Pages).

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

IN WITNESS THEREOF, the Parties have affixed their signatures to this Amendment on the dates written below.

APPROVED:

\_\_\_\_\_  
Chair, Board of Supervisors

\_\_\_\_\_  
Date

CMAR:

\_\_\_\_\_  
Signature

Gene Ramirez, Vice President

\_\_\_\_\_  
Name and Title (Please Print)

June 01, 2021

\_\_\_\_\_  
Date

ATTEST:

\_\_\_\_\_  
Clerk of the Board

APPROVED AS TO FORM:

\_\_\_\_\_  
Signature

Deputy County Attorney

Stacey Roseberry

\_\_\_\_\_  
Name (Please Print)

5/28/2021

\_\_\_\_\_  
Date

**APPENDIX "F-5", ATTACHMENT 5**

**GMP 5, Phase 2**

**Line Item Reconciliation #5**

**(11 Pages)**

# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### LINE ITEM RECONCILIATION #5 (LIR#5) - REVISION SUMMARY

Pima County Project Management Office

Aerospace Parkway Widening

Pima County Project Number: 4AERO2

### GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

REVISED GMP#5 - LINE ITEM RECONCILIATION #4	
CONSTRUCTION	AMOUNT
<b>CONSTRUCTION COSTS:</b>	
I. Cost of Construction	\$ 684,580.40
II. CMAR Contingency	\$ 12,318.62
<b>SUBTOTAL (I.+II.)</b>	<b>\$ 696,899.02</b>
<b>INDIRECT CONSTRUCTION COSTS:</b>	
III. General Conditions	\$ 34,148.00
IV. Overhead	\$ 68,133.58
V. Railroad Insurance	\$ -
VI. General Liability Insurance	\$ 2,413.37
VII. Payment and Performance Bonds	\$ 5,439.65
<b>SUBTOTAL (I.+II.+III.+IV.+V.+VI.+VII.)</b>	<b>\$ 807,033.62</b>
VIII. Construction Fee	\$ 39,959.03
<b>SUBTOTAL (I.+II.+III.+IV.+V.+VI.+VII.+VIII.)</b>	<b>\$ 846,992.65</b>
IX. Arizona Gross Receipts Tax	\$ 47,897.43
<b>GUARANTEED MAXIMUM PRICE (GMP)</b>	<b>\$ 894,890.08</b>
<b>OTHER PROJECT COSTS:</b>	
X. Owner's Contingency	\$ 25,026.65
<b>TOTAL CONTRACT COST</b>	<b>\$ 919,916.73</b>

REVISED GMP#5 - LINE ITEM RECONCILIATION #5		
CONSTRUCTION	LIR#4 TOTAL AMOUNT	DIFFERENCE FROM LIR#4
<b>CONSTRUCTION COSTS:</b>		
I. Cost of Construction	\$ 684,580.40	\$ -
II. CMAR Contingency	\$ 12,318.62	\$ -
<b>SUBTOTAL (I.+II.)</b>	<b>\$ 696,899.02</b>	<b>\$ -</b>
<b>INDIRECT CONSTRUCTION COSTS:</b>		
III. General Conditions	\$ 34,148.00	\$ -
IV. Overhead	\$ 68,133.58	\$ -
V. Railroad Insurance	\$ -	\$ -
VI. General Liability Insurance	\$ 2,413.37	\$ -
VII. Payment and Performance Bonds	\$ 5,439.65	\$ -
<b>SUBTOTAL (I.+II.+III.+IV.+V.+VI.+VII.)</b>	<b>\$ 807,033.62</b>	<b>\$ -</b>
VIII. Construction Fee	\$ 39,959.03	\$ -
<b>SUBTOTAL (I.+II.+III.+IV.+V.+VI.+VII.+VIII.)</b>	<b>\$ 846,992.65</b>	<b>\$ -</b>
IX. Arizona Gross Receipts Tax	\$ 47,897.43	\$ -
<b>GUARANTEED MAXIMUM PRICE (GMP)</b>	<b>\$ 894,890.08</b>	<b>\$ -</b>
<b>OTHER PROJECT COSTS:</b>		
X. Owner's Contingency	\$ 45,026.65	\$ 20,000.00
<b>TOTAL CONTRACT COST</b>	<b>\$ 939,916.73</b>	<b>\$ 20,000.00</b>





## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #1 - LINE ITEM ADJUSTMENTS (PER LIR #5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

LEGEND: RED ITALICS = QUANTITY/UNIT COST REDUCTION

BLUE ITALICS = QUANTITY/UNIT COST INCREASE

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #4						
Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
1	<b>I. COST OF CONSTRUCTION - LINE ITEMS</b>					
2	<b>RAYTHEON PARKWAY IMPROVEMENTS</b>					
3	2010011	Clearing and Grubbing	ACRE	1	\$ 2,729.92	\$ 2,729.92
4	2020029	Removal of Bituminous Pavement	SY	2079	\$ 7.99	\$ 16,611.21
5	2020132	Remove and Salvage Riprap	CY	88.3	\$ 24.98	\$ 2,205.73
6	2030300	Roadway Excavation	CY	979	\$ 14.13	\$ 13,833.27
7	2030401	Drainage Excavation	CY	34	\$ 19.26	\$ 654.84
8	2030901	Borrow	CY	495	\$ 14.52	\$ 7,187.40
9	3030003	Aggregate Base	CY	1113	\$ 32.45	\$ 36,116.85
10	4040111	Tack Coat	TON	2.32	\$ 936.90	\$ 2,173.61
11	4040126	Slurry Seal Coat	SY	2024	\$ 5.98	\$ 12,103.52
12	4060001	Asphaltic Concrete (Mix No. 1)	TON	908.66	\$ 57.25	\$ 52,020.79
13	4060002	Asphaltic Concrete (Mix No. 2)	TON	479	\$ 66.55	\$ 31,877.45
14	4140040	Asphalt Concrete Friction Course (Asphalt Rubber)	TON	0	\$ 154.57	\$ -
15	6010101	Box Culvert 1 (1-8"x4') (ADOT SD 6.01)	LF	44	\$ 1,159.30	\$ 51,009.20
16	6070010	Sign Post (Perforated) (Single)	LF	30	\$ 6.00	\$ 180.00
17	6070110	Foundation for Sign Post (Perforated)	EACH	8	\$ 145.00	\$ 1,160.00
18	6070210	Remove and Salvage Signs	LS	1	\$ 800.00	\$ 800.00
19	6070220	Remove and Relocate Signs	EACH	3	\$ 200.00	\$ 600.00
20	6080020	Sign Panel (Traffic Control) (Permanent) (TypeX)	SF	61	\$ 12.00	\$ 732.00
21	7010001	Maintenance And Protection Of Traffic	LS	1	\$ 22,695.24	\$ 22,695.24
22	7010007	Construction Area Elements	LS	1	\$ 10,500.00	\$ 10,500.00
23	7040005	Pavement Marking (White Extruded Thermoplastic) (0.090")	LF	6339	\$ 0.59	\$ 3,740.01

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #5					
Quantity Adjustment	Updated Quantity	Unit Cost Adjustment	Updated Unit Cost	Updated Extended Amount	Difference (vs Orig.)
	0		\$ -	\$ -	\$ -
0	1	\$ -	\$ 2,729.92	\$ 2,729.92	\$ -
0	2079	\$ -	\$ 7.99	\$ 16,611.21	\$ -
0	88.3	\$ -	\$ 24.98	\$ 2,205.73	\$ -
0	979	\$ -	\$ 14.13	\$ 13,833.27	\$ -
0	34	\$ -	\$ 19.26	\$ 654.84	\$ -
0	495	\$ -	\$ 14.52	\$ 7,187.40	\$ -
0	1113	\$ -	\$ 32.45	\$ 36,116.85	\$ -
0	2.32	\$ -	\$ 936.90	\$ 2,173.61	\$ -
0	2024	\$ -	\$ 5.98	\$ 12,103.52	\$ -
0	908.66	\$ -	\$ 57.25	\$ 52,020.79	\$ -
0	479	\$ -	\$ 66.55	\$ 31,877.45	\$ -
0	0	\$ -	\$ 154.57	\$ -	\$ -
0	44	\$ -	\$ 1,159.30	\$ 51,009.20	\$ -
0	30	\$ -	\$ 6.00	\$ 180.00	\$ -
0	8	\$ -	\$ 145.00	\$ 1,160.00	\$ -
0	1	\$ -	\$ 800.00	\$ 800.00	\$ -
0	3	\$ -	\$ 200.00	\$ 600.00	\$ -
0	61	\$ -	\$ 12.00	\$ 732.00	\$ -
0	1	\$ -	\$ 22,695.24	\$ 22,695.24	\$ -
0	1	\$ -	\$ 10,500.00	\$ 10,500.00	\$ -
0	6339	\$ -	\$ 0.59	\$ 3,740.01	\$ -



## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #1 - LINE ITEM ADJUSTMENTS (PER LIR #5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

LEGEND: *RED ITALICS* = QUANTITY/UNIT COST REDUCTION

*BLUE ITALICS* = QUANTITY/UNIT COST INCREASE

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #4							LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #5					
Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount	Quantity Adjustment	Updated Quantity	Unit Cost Adjustment	Updated Unit Cost	Updated Extended Amount	Difference (vs Orig.)
24	7040006	Pavement Marking (Yellow Extruded Thermoplastic) (0.090")	LF	1913	\$ 0.59	\$ 1,128.67	0	1913	\$ -	\$ 0.59	\$ 1,128.67	\$ -
25	7040030	Pavement Marking, Preformed, Type 1, Single Arrow	EACH	7	\$ 163.10	\$ 1,141.70	0	7	\$ -	\$ 163.10	\$ 1,141.70	\$ -
26	7040060	Pavement Marking, Preformed, Type 1, Legend (ONLY)	EACH	2	\$ 260.97	\$ 521.94	0	2	\$ -	\$ 260.97	\$ 521.94	\$ -
27	7060020	Pavement Marker, Reflective, (Type C, Clear, Red)	EACH	4	\$ 3.26	\$ 13.04	0	4	\$ -	\$ 3.26	\$ 13.04	\$ -
28	7060025	Pavement Marker, Reflective, (Type D, Yellow, Two-Way)	EACH	24	\$ 3.26	\$ 78.24	0	24	\$ -	\$ 3.26	\$ 78.24	\$ -
29	7060030	Pavement Marker, Reflective, (Type G, Clear, One-Way)	EACH	43	\$ 3.26	\$ 140.18	0	43	\$ -	\$ 3.26	\$ 140.18	\$ -
30	7080001	Pavement Marking Painted	LF	11393	\$ 0.16	\$ 1,822.88	0	11393	\$ -	\$ 0.16	\$ 1,822.88	\$ -
31	7080010	Painted Pavement Symbol Or Legend	EACH	9	\$ 58.72	\$ 528.48	0	9	\$ -	\$ 58.72	\$ 528.48	\$ -
32	8100011	AZPDES/NPDES (Modified)	LS	1	\$ 7,500.00	\$ 7,500.00	0	1	\$ -	\$ 7,500.00	\$ 7,500.00	\$ -
33	9010001	Mobilization	LS	1	\$ 10,140.13	\$ 10,140.13	0	1	\$ -	\$ 10,140.13	\$ 10,140.13	\$ -
34	9080001	Concrete Curb, (PC/COT Std. Dtl. 209) (Type 1)	LF	456	\$ 16.39	\$ 7,473.84	0	456	\$ -	\$ 16.39	\$ 7,473.84	\$ -
35	9080090	Concrete Curb Terminal Section (PC/COT Std. Dtl. 212)	EACH	2	\$ 155.75	\$ 311.50	0	2	\$ -	\$ 155.75	\$ 311.50	\$ -
36	9080133	Concrete Valley Gutter and Apron (PAG Std Dtl 208)	SF	400	\$ 9.76	\$ 3,904.00	0	400	\$ -	\$ 9.76	\$ 3,904.00	\$ -
37	9080402	Concrete Header	LF	509.7	\$ 13.23	\$ 6,743.33	0	509.7	\$ -	\$ 13.23	\$ 6,743.33	\$ -
38	9130001	Riprap (Dumped)	CY	34	\$ 170.26	\$ 5,788.84	0	34	\$ -	\$ 170.26	\$ 5,788.84	\$ -
39	9130002	Riprap (Place Salvaged) (Dumped)	CY	23	\$ 71.54	\$ 1,645.42	0	23	\$ -	\$ 71.54	\$ 1,645.42	\$ -
40	9240171	Survey	LS	1	\$ 10,100.00	\$ 10,100.00	0	1	\$ -	\$ 10,100.00	\$ 10,100.00	\$ -
41	9300110	Miscellaneous Work (Concrete Parking Block)	EACH	19	\$ 50.00	\$ 950.00	0	19	\$ -	\$ 50.00	\$ 950.00	\$ -



## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #1 - LINE ITEM ADJUSTMENTS (PER LIR #5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

LEGEND: RED ITALICS = QUANTITY/UNIT COST REDUCTION

BLUE ITALICS = QUANTITY/UNIT COST INCREASE

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #4						
Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
42	<b>AEROSPACE PARKWAY PH 2 - FINAL IMPROVEMENTS</b>					
43	9330003	Handrail (PAG Std Dtl 105)	LF	52	\$ 40.00	\$ 2,080.00
44	9330107	Access Gate (24') (World View Access)	EACH	1	\$ 1,680.00	\$ 1,680.00
45	8020001	Landscape Grading (Depressed Planting Areas)	SY	1957	\$ 0.62	\$ 1,213.34
46	8030031	Rock Mulch (4"-8")	CY	154	\$ 83.31	\$ 12,829.74
47	8030033	Rock Mulch (Gradation C)	CY	48	\$ 77.92	\$ 3,740.16
48	8030040	Granite Mulch (1/2" Screened)	SY	4383	\$ 5.09	\$ 22,309.47
49	8030072	Decorative Boulders (36")	EACH	34	\$ 150.03	\$ 5,101.02
50	8030073	Decorative Boulders (24")	EACH	34	\$ 76.11	\$ 2,587.74
51	8050004	Seeding (Class II)	ACRE	21	\$ 2,150.00	\$ 45,150.00
52	8051298	Shrub (5 Gallon)	EACH	305	\$ 18.79	\$ 5,730.95
53	8051302	Succulent (3 Gallon) (Agave) (Agency provided)	EACH	54	\$ 6.71	\$ 362.34
54	8061005	Tree (15 Gallon)	EACH	31	\$ 82.29	\$ 2,550.99
55	8061602	Saguaro Cactus (5 gallon) (1.5' - 2')	EACH	97	\$ 136.54	\$ 13,244.38
56	8061603	Saguaro Cactus (6')	EACH	21	\$ 467.67	\$ 9,821.07
57	8061610	Cactus (Agency Provided)	EACH	190	\$ 11.15	\$ 2,118.50
58	8061614	Barrel Cactus (Agency Provided)	EACH	90	\$ 11.15	\$ 1,003.50
59	8061652	Ocotillo (Container Grown) (5 Gallon)	EACH	91	\$ 51.87	\$ 4,720.17
60	8061656	Ocotillo (6')	EACH	24	\$ 49.13	\$ 1,179.12
61	8070001	Landscaping Establishment (1 Year)	LS	1	\$ 7,563.00	\$ 7,563.00
62	8080051	Temp Irrigation - One Year	LS	1	\$ 40,661.00	\$ 40,661.00
63	9300112	Miscellaneous Work (Wing Mon - Structural Foundation Design and Construction)	LS	1	\$ 45,223.88	\$ 45,223.88
64	9300113	Miscellaneous Work (Wing Monuments)	LS	1	\$ 90,000.00	\$ 90,000.00

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #5					
Quantity Adjustment	Updated Quantity	Unit Cost Adjustment	Updated Unit Cost	Updated Extended Amount	Difference (vs Orig.)
0	0	\$ -	\$ -	\$ -	\$ -
0	52	\$ -	\$ 40.00	\$ 2,080.00	\$ -
0	1	\$ -	\$ 1,680.00	\$ 1,680.00	\$ -
0	1957	\$ -	\$ 0.62	\$ 1,213.34	\$ -
0	154	\$ -	\$ 83.31	\$ 12,829.74	\$ -
0	48	\$ -	\$ 77.92	\$ 3,740.16	\$ -
0	4383	\$ -	\$ 5.09	\$ 22,309.47	\$ -
0	34	\$ -	\$ 150.03	\$ 5,101.02	\$ -
0	34	\$ -	\$ 76.11	\$ 2,587.74	\$ -
0	21	\$ -	\$ 2,150.00	\$ 45,150.00	\$ -
0	305	\$ -	\$ 18.79	\$ 5,730.95	\$ -
0	54	\$ -	\$ 6.71	\$ 362.34	\$ -
0	31	\$ -	\$ 82.29	\$ 2,550.99	\$ -
0	97	\$ -	\$ 136.54	\$ 13,244.38	\$ -
0	21	\$ -	\$ 467.67	\$ 9,821.07	\$ -
0	190	\$ -	\$ 11.15	\$ 2,118.50	\$ -
0	90	\$ -	\$ 11.15	\$ 1,003.50	\$ -
0	91	\$ -	\$ 51.87	\$ 4,720.17	\$ -
0	24	\$ -	\$ 49.13	\$ 1,179.12	\$ -
0	1	\$ -	\$ 7,563.00	\$ 7,563.00	\$ -
0	1	\$ -	\$ 40,661.00	\$ 40,661.00	\$ -
0	1	\$ -	\$ 45,223.88	\$ 45,223.88	\$ -
0	1	\$ -	\$ 90,000.00	\$ 90,000.00	\$ -



## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #1 - LINE ITEM ADJUSTMENTS (PER LIR #5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

LEGEND: *RED ITALICS* = QUANTITY/UNIT COST REDUCTION

*BLUE ITALICS* = QUANTITY/UNIT COST INCREASE

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #4						
Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
65	2020030	Mill (1.5") Raytheon S. Extension	SY	4405	\$ 1.80	\$ 7,929.00
66	4060002	AC (Mix No. 2) Raytheon S. Ext	TN	364	\$ 73.95	\$ 26,917.80
67		<b>COST OF CONSTRUCTION - LINE ITEMS SUBTOTAL</b>				<b>\$ 684,580.40</b>
68		<b>II. CMAR CONTINGENCY</b>				
69		UNFORESEEN CONDITIONS	LS	1	\$ 12,318.62	\$ 12,318.62
70		<b>SUBTOTAL A. (DIRECT CONSTRUCTION COSTS)</b>				<b>\$ 696,899.02</b>
71		<b>INDIRECT CONSTRUCTION COSTS</b>				
72		<b>III. GENERAL CONDITIONS</b>				
73		CLEAN UP	LS	1	\$ 2,500.00	\$ 2,500.00
74		PORTABLE RESTROOMS	LS	1	\$ 1,500.00	\$ 1,500.00
75		SMALL TOOLS	LS	1	\$ 2,500.00	\$ 2,500.00
76		PERMITS	LS	0	\$ -	\$ -
77		SUPERINTENDENT	WK	6	\$ 2,574.00	\$ 15,444.00
78		PROJECT ENGINEER	WK	6	\$ 2,034.00	\$ 12,204.00
79		<b>SUBTOTAL B. (III. GENERAL CONDITIONS)</b>				<b>\$ 34,148.00</b>
80		<b>SUBTOTAL C. (DIRECT COSTS + GENERAL CONDITIONS)</b>				<b>\$ 731,047.02</b>
81		IV. CMAR OVERHEAD (9.32% of Subtotal C)	LS	1	\$ 68,133.58	\$ 68,133.58
82		<b>SUBTOTAL D. (DIRECT COSTS + GENERAL CONDITIONS + OVERHEAD)</b>				<b>\$ 799,180.60</b>
83		VIII. CONSTRUCTION FEE (5% of Subtotal D)	LS	1	\$ 39,959.03	\$ 39,959.03
84		V. RAILROAD INSURANCE	LS	1	\$ -	\$ -
85		VI. GENERAL LIABILITY INSURANCE (0.2876% of Subtotal D + V + VIII)	LS	1	\$ 2,413.37	\$ 2,413.37
86		VII. PAYMENT AND PERFORMANCE BONDS	LS	1	\$ 5,439.65	\$ 5,439.65
87		<b>SUBTOTAL E. (SUBTOTAL D + V + VI + VII + VIII)</b>				<b>\$ 846,992.65</b>
88		IX. SALES TAX (City of Tucson 8.7% at 65% of Subtotal E)	LS	1	\$ 47,897.43	\$ 47,897.43
89		<b>GUARANTEED MAXIMUM PRICE (GMP)</b>				<b>\$ 894,890.08</b>

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #5					
Quantity Adjustment	Updated Quantity	Unit Cost Adjustment	Updated Unit Cost	Updated Extended Amount	Difference (vs Orig.)
0	4405	\$ -	\$ 1.80	\$ 7,929.00	\$ -
0	364	\$ -	\$ 73.95	\$ 26,917.80	\$ -
				<b>COST OF CONSTRUCTION - LINE ITEMS SUBTOTAL</b>	<b>\$ 684,580.40</b>
0	1	\$ -	\$ 12,318.62	\$ 12,318.62	\$ -
				<b>SUBTOTAL A. (DIRECT CONSTRUCTION COSTS)</b>	<b>\$ 696,899.02</b>
0	1	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -
0	1	\$ -	\$ 1,500.00	\$ 1,500.00	\$ -
0	1	\$ -	\$ 2,500.00	\$ 2,500.00	\$ -
0	0	\$ -	\$ -	\$ -	\$ -
0	6	\$ -	\$ 2,574.00	\$ 15,444.00	\$ -
0	6	\$ -	\$ 2,034.00	\$ 12,204.00	\$ -
				<b>SUBTOTAL B. (III. GENERAL CONDITIONS)</b>	<b>\$ 34,148.00</b>
				<b>SUBTOTAL C. (DIRECT COSTS + GEN COND)</b>	<b>\$ 731,047.02</b>
0	1	\$ -	\$ 68,133.58	\$ 68,133.58	\$ -
				<b>SUBTOTAL D. (DIRECT COSTS + GEN COND + OH)</b>	<b>\$ 799,180.60</b>
0	1	\$ -	\$ 39,959.03	\$ 39,959.03	\$ -
0	1	\$ -	\$ -	\$ -	\$ -
0	1	\$ -	\$ 2,413.37	\$ 2,413.37	\$ -
0	1	\$ -	\$ 5,439.65	\$ 5,439.65	\$ -
				<b>SUBTOTAL E. (SUBTOTAL D + V + VI + VII + VIII)</b>	<b>\$ 846,992.65</b>
0	1	\$ -	\$ 47,897.43	\$ 47,897.43	\$ -
				<b>GUARANTEED MAXIMUM PRICE (GMP)</b>	<b>\$ 894,890.08</b>

# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #1 - LINE ITEM ADJUSTMENTS (PER LIR #5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

LEGEND: *RED ITALICS* = QUANTITY/UNIT COST REDUCTION

*BLUE ITALICS* = QUANTITY/UNIT COST INCREASE

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #4						
Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
90	<b>X. OWNER'S CONTINGENCY</b>					
91		UNFORESEEN CONDITIONS	LS	1	\$ -	\$ -
92		BUDGET CARRYFORWARD (FROM COMPLETED GMPs#1-#4)	LS	1	\$ 5,026.65	\$ 5,026.65
93		ADD'L BUDGET REQUEST (PCDOT - NOG HWY ADD'L SIGNAGE)	LS	1	\$ 20,000.00	\$ 20,000.00
94		ADD'L BUDGET REQUEST (POTENTIAL MATERIAL COST ESCALATIONS + COST TO MAINTAIN TRAFFIC DURING CONSTRUCTION)	LS	0	\$ -	\$ -
95	SUBTOTAL F. (OWNER'S CONTINGENCY)					\$ 25,026.65
96	TOTAL CONTRACT COST					\$ 919,916.73

LINE ITEM COSTS - BASED ON LINE ITEM RECONCILIATION #5					
Quantity Adjustment	Updated Quantity	Unit Cost Adjustment	Updated Unit Cost	Updated Extended Amount	Difference (vs Orig.)
0	1	\$ -	\$ -	\$ -	\$ -
0	1	\$ -	\$ 5,026.65	\$ 5,026.65	\$ -
0	1	\$ -	\$ 20,000.00	\$ 20,000.00	\$ -
1	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
SUBTOTAL F. (OWNER'S CONTINGENCY)				\$ 45,026.65	\$ 20,000.00
TOTAL CONTRACT COST				\$ 939,916.73	\$ 20,000.00

# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #2 - REVISED LINE ITEM LIST (PER LIR#5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
1	<b>I. COST OF CONSTRUCTION - LINE ITEMS</b>					
2	<b>RAYTHEON PARKWAY IMPROVEMENTS</b>					
3	2010011	Clearing and Grubbing	ACRE	1.00	\$ 2,729.92	\$ 2,729.92
4	2020029	Removal of Bituminous Pavement	SY	2,079.00	\$ 7.99	\$ 16,611.21
5	2020132	Remove and Salvage Riprap	CY	88.30	\$ 24.98	\$ 2,205.73
6	2030300	Roadway Excavation	CY	979.00	\$ 14.13	\$ 13,833.27
7	2030401	Drainage Excavation	CY	34.00	\$ 19.26	\$ 654.84
8	2030901	Borrow	CY	495.00	\$ 14.52	\$ 7,187.40
9	3030003	Aggregate Base	CY	1,113.00	\$ 32.45	\$ 36,116.85
10	4040111	Tack Coat	TON	2.32	\$ 936.90	\$ 2,173.61
11	4040126	Slurry Seal Coat	SY	2,024.00	\$ 5.98	\$ 12,103.52
12	4060001	Asphaltic Concrete (Mix No. 1)	TON	908.66	\$ 57.25	\$ 52,020.79
13	4060002	Asphaltic Concrete (Mix No. 2)	TON	479.00	\$ 66.55	\$ 31,877.45
14	4140040	Asphalt Concrete Friction Course (Asphalt Rubber)	TON	-	\$ 154.57	\$ -
15	6010101	Box Culvert 1 (1-8'x4') (ADOT SD 6.01)	LF	44.00	\$ 1,159.30	\$ 51,009.20
16	6070010	Sign Post (Perforated) (Single)	LF	30.00	\$ 6.00	\$ 180.00
17	6070110	Foundation for Sign Post (Perforated)	EACH	8.00	\$ 145.00	\$ 1,160.00
18	6070210	Remove and Salvage Signs	LS	1.00	\$ 800.00	\$ 800.00
19	6070220	Remove and Relocate Signs	EACH	3.00	\$ 200.00	\$ 600.00
20	6080020	Sign Panel (Traffic Control) (Permanent) (TypeXI)	SF	61.00	\$ 12.00	\$ 732.00
21	7010001	Maintenance And Protection Of Traffic	LS	1.00	\$ 22,695.24	\$ 22,695.24
22	7010007	Construction Area Elements	LS	1.00	\$ 10,500.00	\$ 10,500.00
23	7040005	Pavement Marking (White Extruded Thermoplastic) (0.090")	LF	6,339.00	\$ 0.59	\$ 3,740.01
24	7040006	Pavement Marking (Yellow Extruded Thermoplastic) (0.090")	LF	1,913.00	\$ 0.59	\$ 1,128.67
25	7040030	Pavement Marking, Preformed, Type 1, Single Arrow	EACH	7.00	\$ 163.10	\$ 1,141.70
26	7040060	Pavement Marking, Preformed, Type 1, Legend (ONLY)	EACH	2.00	\$ 260.97	\$ 521.94

# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #2 - REVISED LINE ITEM LIST (PER LIR#5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
27	7060020	Pavement Marker, Reflective, (Type C, Clear, Red)	EACH	4.00	\$ 3.26	\$ 13.04
28	7060025	Pavement Marker, Reflective, (Type D, Yellow, Two-Way)	EACH	24.00	\$ 3.26	\$ 78.24
29	7060030	Pavement Marker, Reflective, (Type G, Clear, One-Way)	EACH	43.00	\$ 3.26	\$ 140.18
30	7080001	Pavement Marking Painted	LF	11,393.00	\$ 0.16	\$ 1,822.88
31	7080010	Painted Pavement Symbol Or Legend	EACH	9.00	\$ 58.72	\$ 528.48
32	8100011	AZPDES/NPDES (Modified)	LS	1.00	\$ 7,500.00	\$ 7,500.00
33	9010001	Mobilization	LS	1.00	\$ 10,140.13	\$ 10,140.13
34	9080001	Concrete Curb, (PC/COT Std. Dtl. 209) (Type 1)	LF	456.00	\$ 16.39	\$ 7,473.84
35	9080090	Concrete Curb Terminal Section (PC/COT Std. Dtl. 212)	EACH	2.00	\$ 155.75	\$ 311.50
36	9080133	Concrete Valley Gutter and Apron (PAG Std Dtl 208)	SF	400.00	\$ 9.76	\$ 3,904.00
37	9080402	Concrete Header	LF	509.70	\$ 13.23	\$ 6,743.33
38	9130001	Riprap (Dumped)	CY	34.00	\$ 170.26	\$ 5,788.84
39	9130002	Riprap (Place Salvaged) (Dumped)	CY	23.00	\$ 71.54	\$ 1,645.42
40	9240171	Survey	LS	1.00	\$ 10,100.00	\$ 10,100.00
41	9300110	Miscellaneous Work (Concrete Parking Block)	EACH	19.00	\$ 50.00	\$ 950.00

# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #2 - REVISED LINE ITEM LIST (PER LIR#5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
42	<b>AEROSPACE PARKWAY PH 2 - FINAL IMPROVEMENTS</b>					
43	9330003	Handrail (PAG Std Dtl 105)	LF	52.00	\$ 40.00	\$ 2,080.00
44	9330107	Access Gate (24') (World View Access)	EACH	1.00	\$ 1,680.00	\$ 1,680.00
45	8020001	Landscape Grading (Depressed Planting Areas)	SY	1,957.00	\$ 0.62	\$ 1,213.34
46	8030031	Rock Mulch (4"-8")	CY	154.00	\$ 83.31	\$ 12,829.74
47	8030033	Rock Mulch (Gradation C)	CY	48.00	\$ 77.92	\$ 3,740.16
48	8030040	Granite Mulch (1/2" Screened)	SY	4,383.00	\$ 5.09	\$ 22,309.47
49	8030072	Decorative Boulders (36")	EACH	34.00	\$ 150.03	\$ 5,101.02
50	8030073	Decorative Boulders (24")	EACH	34.00	\$ 76.11	\$ 2,587.74
51	8050004	Seeding (Class II)	ACRE	21.00	\$ 2,150.00	\$ 45,150.00
52	8051298	Shrub (5 Gallon)	EACH	305.00	\$ 18.79	\$ 5,730.95
53	8051302	Succulent (3 Gallon) (Agave) (Agency provided)	EACH	54.00	\$ 6.71	\$ 362.34
54	8061005	Tree (15 Gallon)	EACH	31.00	\$ 82.29	\$ 2,550.99
55	8061602	Saguaro Cactus (5 gallon) (1.5' - 2')	EACH	97.00	\$ 136.54	\$ 13,244.38
56	8061603	Saguaro Cactus (6')	EACH	21.00	\$ 467.67	\$ 9,821.07
57	8061610	Cactus (Agency Provided)	EACH	190.00	\$ 11.15	\$ 2,118.50
58	8061614	Barrel Cactus (Agency Provided)	EACH	90.00	\$ 11.15	\$ 1,003.50
59	8061652	Ocotillo (Container Grown) (5 Gallon)	EACH	91.00	\$ 51.87	\$ 4,720.17
60	8061656	Ocotillo (6')	EACH	24.00	\$ 49.13	\$ 1,179.12
61	8070001	Landscaping Establishment (1 Year)	LS	1.00	\$ 7,563.00	\$ 7,563.00
62	8080051	Temp Irrigation - One Year	LS	1.00	\$ 40,661.00	\$ 40,661.00
63	9300112	Miscellaneous Work (Wing Mon - Structural Foundation Design and Construction)	LS	1.00	\$ 45,223.88	\$ 45,223.88
64	9300113	Miscellaneous Work (Wing Monuments)	LS	1.00	\$ 90,000.00	\$ 90,000.00
65	2020030	Mill (1.5") Raytheon S. Extension	SY	4,405.00	\$ 1.80	\$ 7,929.00
66	4060002	AC (Mix No. 2) Raytheon S. Ext	TN	364.00	\$ 73.95	\$ 26,917.80
67	<b>COST OF CONSTRUCTION - LINE ITEMS SUBTOTAL</b>					<b>\$ 684,580.40</b>



# Borderland

## CONSTRUCTION MANAGER AT RISK (CMAR) - CONSTRUCTION SERVICES

### ATTACHMENT #2 - REVISED LINE ITEM LIST (PER LIR#5)

GMP#5 - CONSTRUCTION OF RAYTHEON PARKWAY (North of Aerospace Pkwy)

Updated: May 17, 2021

Line No.	Item No.	Item Description	Unit	Qty	Unit Cost	Extended Amount
68	II. CMAR CONTINGENCY					
69	UNFORESEEN CONDITIONS		LS	1	\$ 12,318.62	\$ 12,318.62
70	SUBTOTAL A. (DIRECT CONSTRUCTION COSTS)					\$ 696,899.02
71	INDIRECT CONSTRUCTION COSTS					
72	III. GENERAL CONDITIONS					
73	CLEAN UP		LS	1	\$ 2,500.00	\$ 2,500.00
74	PORTABLE RESTROOMS		LS	1	\$ 1,500.00	\$ 1,500.00
75	SMALL TOOLS		LS	1	\$ 2,500.00	\$ 2,500.00
76	PERMITS		LS	0	\$ -	\$ -
77	SUPERINTENDENT		WK	6	\$ 2,574.00	\$ 15,444.00
78	PROJECT ENGINEER		WK	6	\$ 2,034.00	\$ 12,204.00
79	SUBTOTAL B. (III. GENERAL CONDITIONS)					\$ 34,148.00
80	SUBTOTAL C. (DIRECT COSTS + GENERAL CONDITIONS)					\$ 731,047.02
81	IV. CMAR OVERHEAD		LS	1	\$ 68,133.58	\$ 68,133.58
82	SUBTOTAL D. (DIRECT COSTS + GENERAL CONDITIONS + OVERHEAD)					\$ 799,180.60
83	VIII. CONSTRUCTION FEE		LS	1	\$ 39,959.03	\$ 39,959.03
84	V. RAILROAD INSURANCE		LS	1	\$ -	\$ -
85	VI. GENERAL LIABILITY INSURANCE		LS	1	\$ 2,413.37	\$ 2,413.37
86	VII. PAYMENT AND PERFORMANCE BONDS		LS	1	\$ 5,439.65	\$ 5,439.65
87	SUBTOTAL E. (SUBTOTAL D + V + VI + VII + VIII)					\$ 846,992.65
88	IX. SALES TAX		LS	1	\$ 47,897.43	\$ 47,897.43
89	GUARANTEED MAXIMUM PRICE (GMP)					\$ 894,890.08
90	X. OWNER'S CONTINGENCY					
91	UNFORESEEN CONDITIONS		LS	1	\$ -	\$ -
92	BUDGET CARRYFORWARD (FROM COMPLETED GMPs#1-#4)		LS	1	\$ 5,026.65	\$ 5,026.65
93	ADD'L BUDGET REQUEST (PCDOT - NOG HWY ADD'L SIGNAGE)		LS	1	\$ 20,000.00	\$ 20,000.00
94	ADD'L BUDGET REQUEST (POTENTIAL MATERIAL COST ESCALATIONS + COST TO MAINTAIN TRAFFIC DURING CONSTRUCTION)		LS	1	\$ 20,000.00	\$ 20,000.00
95	SUBTOTAL F. (OWNER'S CONTINGENCY)					\$ 45,026.65
96	TOTAL CONTRACT COST					\$ 939,916.73

End of Appendix "F-5", Attachment 5