



BOARD OF SUPERVISORS AGENDA ITEM REPORT
AWARDS / CONTRACTS / GRANTS

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: 10/19/21

or Procurement Director Award: ☐

* = Mandatory, information must be provided

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

Security Design Consulting, LLC

***Project Title/Description:**

Pima County Adult Detention Complex – Security Electronics Replacement Design

***Purpose:**

Amendment: Contract No. CT-FM-21-091, Amendment No. One (1). This amendment adds additional scope for design related to improvements to the site and main facility entrance and increases the contract amount by \$63,725.00 for a cumulative not-to-exceed amount of \$563,725.00. Administering Department: Facilities Management.

***Procurement Method:**

Pursuant to Pima County Procurement Code 11.12.020, Competitive sealed proposals, on 08/17/20, the Board of Supervisors awarded a contract for this project in the amount of \$500,000.00 for a contract term of 08/17/20 to 11/30/22.

PRCUID: 367669

Attachment: Amendment No. One (1).

***Program Goals/Predicted Outcomes:**

To provide design services which clearly define and document the requirements for an improved, effective and fully integrated security electronics system at the Pima County Adult Detention Complex.

***Public Benefit:**

Replacement of the security electronics system at the Adult Detention Complex will ensure the safety of the community, inmates and staff.

***Metrics Available to Measure Performance:**

The project team (Security Electronics Consultant, the Facilities Management Department, the Sheriff's Department and CMAR work well together so that the project is completed within budget and in a timely manner so that the facility remains safe and secure.

***Retroactive:**

No.

10/13/21 10:09:41 POC/KCF/ID

TO: COB 10-13-21 (1)
Vers: 6
Pgs: 14
APPENDUM

Procure Dept 10/12/21 PM0159

THE APPLICABLE SECTION(S) BELOW MUST BE COMPLETED

Click or tap the boxes to enter text. If not applicable, indicate "N/A". Make sure to complete mandatory (*) fields

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: FM Contract Number (i.e., 15-123): 21-091
 Amendment No.: 1 AMS Version No.: 6
 Commencement Date: 10/19/21 New Termination Date: _____
 Prior Contract No. (Synergen/CMS): _____

☒ Expense ☐ Revenue ☐ Increase ☐ Decrease

Amount This Amendment: \$ 63,725.00

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

***Funding Source(s) required: FM Capital Non-Bond Projects**

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: James Johnson Digitally signed by James Johnson Date: 2021.10.07 10:50:23 -07'00' Division Manager: Scott Loomis Digitally signed by Scott Loomis Date: 2021.10.07 10:51:43 -07'00'

Department: Procurement Director: Terri Spencer Digitally signed by Terri Spencer Date: 2021.10.11 11:50:24 -07'00' Telephone: 520-724-7465

Department Director Signature: Sheela Hollen for Lisa Jasker Date: 10.11.21
 Deputy County Administrator Signature: [Signature] Date: 10/11/2021
 County Administrator Signature: [Signature] Date: 10/11/21

PIMA COUNTY FACILITIES MANAGEMENT DEPARTMENT

PROJECT: Pima County Adult Detention Complex – Security Electronics Replacement Design

CONSULTANT: Security Design Consulting, LLC
2120 Academy Circle, Suite H
Colorado Springs, CO 80909

CONTRACT NO.: CT-FM-21-091

AMENDMENT NO.: One (1)

FUNDING: FM Capital Non-Bond Projects

CONTRACT TERM: 08/17/20 - 11/30/22	ORIGINAL CONTRACT AMOUNT:	\$	500,000.00
TERMINATION PRIOR AMENDMENT: NA	PRIOR AMENDMENT(S):	\$	-
TERMINATION THIS AMENDMENT: 11/30/22	AMOUNT THIS AMENDMENT:	\$	63,725.00
	REVISED CONTRACT AMOUNT:	\$	563,725.00

CONTRACT AMENDMENT

WHEREAS, on August 17, 2020, the Board of Supervisors approved the award of a Contract by County to Consultant for the above-named Project; and

WHEREAS, County has a need for additional Design Services related to improvements to the site and main entrance; and

WHEREAS, County and Consultant mutually agree upon the proposed scope of services for additional Design Services; and

WHEREAS, County and Consultant have agreed to increase the contract amount to provide funds for the additional Design Services; and.

NOW, THEREFORE, it is agreed as follows:

CHANGE: **ARTICLE 2 – SCOPE OF SERVICES**, first paragraph as follows:

FROM: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in EXHIBIT "A" – SCOPE OF SERVICES (10 pages), an attachment to this contract and to complete such services within the term and value of this Contract as it may be modified in accordance with Article 5. Amendments and changes to the Scope must be approved by the Board of Supervisors or the Procurement Director, as required by the Pima County Procurement Code, before the work under the amendment commences."

TO: "CONSULTANT agrees to provide Architectural and Engineering Design Services for the COUNTY as described in EXHIBIT "A" – SCOPE OF SERVICES (10 pages), **and Attachment 1 to EXHIBIT "A" – SCOPE OF SERVICES (2 pages)**, an attachment to this contract and to complete such services within the term and value of this Contract as it may be modified in accordance with Article 5. Amendments and changes to the Scope must be approved by the Board of Supervisors or the Procurement Director, as required by the Pima County Procurement Code, before the work under the amendment commences."

CHANGE: ARTICLE 4 – COMPENSATION AND PAYMENT, first paragraph as follows:

FROM: "In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not to Exceed Five Hundred Thousand Dollars and Zero Cents (\$500,000.00). CONSULTANT'S fees will be as stated in EXHIBIT B: COMPENSATION SCHEDULE (7 pages), attached to this Contract. Hourly rates and all other rates included under this Contract will remain fixed throughout the term of the Contract COUNTY may consider adjustments to rates in connection with any extensions of the Contract term."

TO: "In consideration of the services specified in this Contract, COUNTY agrees to pay CONSULTANT Not to Exceed Five Hundred Sixty-Three Thousand Seven Hundred Twenty-Five Dollars and Zero Cents (\$563,725.00). CONSULTANT'S fees will be as stated in EXHIBIT B: COMPENSATION SCHEDULE (7 pages), and **Attachment 1 to EXHIBIT "B"- COMPENSATION SCHEDULE (10 pages)**, attached to this Contract. Hourly rates and all other rates included under this Contract will remain fixed throughout the term of the Contract COUNTY may consider adjustments to rates in connection with any extensions of the Contract term."

ADD: Attachment 1 to EXHIBIT "A" – SCOPE OF SERVICES (2 pages).

ADD: Attachment 1 to EXHIBIT "B" – COMPENSATION SCHEDULE (10 pages).

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

APPROVED:

Chair, Board of Supervisors

Date

CONTRACTOR:



Signature

Timothy Lance Timmsen, President
Name and Title (Please Print)

10/11/2021
Date

ATTEST:

Clerk of the Board

Date

APPROVED AS TO FORM:



Deputy County Attorney

Victoria Buchinger
Name (Please Print)

October 7, 2021
Date



September 30, 2021

Ken Imoehl, R.A., LEED AP
Pima County Facilities Management
New Building Services
150 W. Congress St., 3rd Floor
Tucson, AZ 85701

Re: Pima County Adult Detention Center – Security Electronics and Mechanical Design Add Services

Ken,

We sincerely appreciate the opportunity to assist Pima County Facilities Management with the Security Electronic Systems design and construction administration services for the Pima County Adult Detention Center project. We have developed this proposal, which outlines the additional services related to the design and construction administration effort along with associated fees.

DESCRIPTION OF CHANGES

During the design of our project there have been other plans for improvements relative to the site and main facility entrance that could benefit from adjustments to our design. The site improvements include a fenced perimeter with multiple controlled gates. These gates will require control, monitoring, video surveillance, and communication to properly operate as the Users intend. The site project will not be completed until after our project, so we will expand our scope to include these control points as future integration and ensure that the systems being installed encompass these elements of security electronics.

The Lobby Entrance to the facility is also being remodeled, which may run closer to our project schedule. This remodel includes modifications to entrance doors for control, monitoring, and communications. We will expand our scope to review the remodel design in this area and include the security electronics modifications in our design as necessary.

During our design process, it was determined that the existing spaces allocated for the Uninterruptible Power Supplies (UPS) were not adequate to accommodate the size of the new units. We worked with the facility to determine appropriate locations for the new UPS. In doing so, we found that these alternate spaces are not adequately conditioned to accommodate the units. We have asked DLR to provide us with an additional services proposal to review these spaces and provide a design that will address the cooling needs.

This proposal also includes services for DLR to identify generator backed circuits to serve existing air compressor serving pneumatic locking system and their sub-contractor, Priority1 Power Services, to perform a 30-Day Power Survey. Their proposal for services is included as Attachment 3: Priority1 Proposal. The power survey is typically handled by the facility but due to the complication of the work, we have been asked to bring a sub-contractor on and provide oversight to ensure this work is carried out as our electrical engineers deem appropriate.

This proposal includes fees for the additional site gates security electronics, entrance lobby door security electronics, 30-Day power survey, and mechanical survey and design (if necessary) for the alternate UPS spaces. We will provide design and construction administration services related to this scope and have broken the additional fees out respectively.



www.securitydesignconsulting.com | 2120 Academy Cir, Suite H | Colorado Springs, CO 80909

FEE FOR ADDITIONAL SERVICES

Please see the included Attachment 1: Compensation Schedule, which outlines the hours, rates, and fees for the above noted services. We have also included Attachment 2: DLR Group Engineering Fees, Attachment 3: DLR Group's Proposal for Power Survey and Compressor Circuits, and Attachment 4: Priority1 Proposal, which are all of the proposals for services that directly align with the provided Attachment 1: Compensation Schedule.

Thank you for the opportunity to submit this proposal for additional services. We look forward to our continued work with Pima County Facilities Management, Pima County Sheriff's Office, and the rest of the team. Please do not hesitate to contact me with any questions or comments.

Respectfully,


Timothy "Lance" Timmsen
President / Owner
Security Design Consulting, LLC
lance.timmsen@sdcllc.com
(719) 232-2896

End of Attachment 1 to EXHIBIT A

ATTACHMENT 1: COMPENSATION SCHEDULE

Compensation Schedule - Summary						30-Sep-21
Pima County Adult Detention Facility						
			PRIME CONSULTANT FEE	SUBCONSULTANTS' FEE		
TASK	DESCRIPTION	PHASE TOTAL	SECURITY ELECTRONICS SECURITY DESIGN CONSULTING	SUBS' TOTALS	MECHANICAL DLR-MECH	ARCHITECTURE DLR / PRIOTIRY1
1	EXISTING CONDITIONS SURVEY	\$0	\$0	\$0	\$0	\$0
2	PROGRAMMING	\$0	\$0	\$0	\$0	\$0
3	SCHEMATIC DESIGN	\$0	\$0	\$0	\$0	\$0
4	ASSIST CMAR SELECTION	\$0	\$0	\$0	\$0	\$0
5	DESIGN DEVELOPMENT	\$0	\$0	\$0	\$0	\$0
6	GMP DEVELOPMENT AND REVIEW	\$0	\$0	\$0	\$0	\$0
7	CONSTRUCTION DOCUMENTS 50%	\$0	\$0	\$0	\$0	\$0
8	CONSTRUCTION DOCUMENTS 90%	\$0	\$0	\$0	\$0	\$0
9	CONSTRUCTION DOCUMENTS 100%	\$37,885	\$8,260	\$29,625	\$5,370	\$24,255
10	PERMITTING AND FINALIZE GMP	\$870	\$870	\$0	\$0	\$0
11	CONSTRUCTION ADMINISTRATION	\$3,810	\$1,885	\$1,925	\$1,925	\$0
12	RECORD DRAWINGS	\$1,160	\$1,160	\$0	\$0	\$0
13	ALLOWANCE FOR UNFORSEEN CONDITIONS	\$20,000	\$0	\$0	\$0	\$0
TOTAL FEE		\$63,725	\$12,175	\$31,550	\$7,295	\$24,255

SECURITY DESIGN CONSULTING

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
1 EXISTING CONDITIONS SURVEY					8		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
2 PROGRAMMING					4		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
3 SCHEMATIC DESIGN					8		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
4 ASSIST CMAR SELECTION					2		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
5 DESIGN DEVELOPMENT					4		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
6 GMP DEVELOPMENT AND REVIEW					2		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
7 CONSTRUCTION DOCUMENTS 50%					4		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
8 CONSTRUCTION DOCUMENTS 90%					4		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	0	\$ 145	\$ -			0	0
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
9 CONSTRUCTION DOCUMENTS 100%					4		
Principal Security Consultant	16	\$ 195	\$ 3,120			4	16
Design Security Consultant	32	\$ 145	\$ 4,640			8	32
QA/QC Engineer	4	\$ 125	\$ 500			1	4
Subtotal Hours for Phase	52						
Expenses (travel/other)			\$ -				
			\$ -				
			\$ -	8,260			
10 PERMITTING AND FINALIZE GMP					12		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	6	\$ 145	\$ 870			1	6
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	6						
Expenses (travel/other)			\$ -				
			\$ -				
			\$ -	870			

SECURITY DESIGN CONSULTING

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
11 CONSTRUCTION ADMINISTRATION					52		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	13	\$ 145	\$ 1,885			0	13
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	13						
Expenses (travel/other)			\$ -				
			\$ -	\$ 1,885			
12 RECORD DRAWINGS					8		
Principal Security Consultant	0	\$ 195	\$ -			0	0
Design Security Consultant	8	\$ 145	\$ 1,160			1	8
QA/QC Engineer	0	\$ 125	\$ -			0	0
Subtotal Hours for Phase	8						
Expenses (travel/other)			\$ -				
			\$ -	\$ 1,160			
TOTAL	0		\$	12,175			

Hourly Rates

Principal Security Consultant	\$ 195.00
Design Security Consultant	\$ 145.00
QA/QC Engineer	\$ 125.00

DLR-MECH

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
1 EXISTING CONDITIONS SURVEY					8		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
2 PROGRAMMING					4		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
3 SCHEMATIC DESIGN					8		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
4 ASSIST CMAR SELECTION					2		
Engineer of Record	0	\$ 235	\$ -			0	0
Sr. PE	0	\$ 175	\$ -			0	0
Project Manager	0	\$ 175	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
5 DESIGN DEVELOPMENT					4		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
6 GMP DEVELOPMENT AND REVIEW					2		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
7 CONSTRUCTION DOCUMENTS 50%					4		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
8 CONSTRUCTION DOCUMENTS 90%					4		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
9 CONSTRUCTION DOCUMENTS 100%					4		
Engineer of Record	2	\$ 235	\$ 470			0.50	2
Sr. PE	22	\$ 175	\$ 3,850			5.40	22
Project Manager	6	\$ 175	\$ 1,050			1.40	6
Subtotal Hours for Phase	30						
Expenses (travel/other)			\$ -				
			\$ -				
			\$ -	5,370			
10 PERMITTING AND FINALIZE GMP					12		
Engineer of Record	0	\$ 235	\$ -			0	0
Sr. PE	0	\$ 175	\$ -			0	0
Project Manager	0	\$ 175	\$ -			0	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				

DLR-MECH

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
11 CONSTRUCTION ADMINISTRATION					52		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	10	\$ 175	\$ 1,750			0.00	10
Project Manager	1	\$ 175	\$ 175			0.00	1
Subtotal Hours for Phase	11						
Expenses (travel/other)			\$ -				
			\$ -	\$ 1,925			
12 RECORD DRAWINGS					8		
Engineer of Record	0	\$ 235	\$ -			0.00	0
Sr. PE	0	\$ 175	\$ -			0.00	0
Project Manager	0	\$ 175	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -	\$ -			
TOTAL	0			\$ 7,295			

Hourly Rates

Engineer of Record	\$ 235.00
Sr. PE	\$ 175.00
Project Manager	\$ 175.00

DLR / PRIOTIRY1

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
1 EXISTING CONDITIONS SURVEY					8		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
2 PROGRAMMING					4		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
3 SCHEMATIC DESIGN					8		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
4 ASSIST CMAR SELECTION					2		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
5 DESIGN DEVELOPMENT					4		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
6 GMP DEVELOPMENT AND REVIEW					2		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
7 CONSTRUCTION DOCUMENTS 50%					4		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
8 CONSTRUCTION DOCUMENTS 90%					4		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				
9 CONSTRUCTION DOCUMENTS 100%					4		
DLR Electrical Engineer of Record	13	\$ 225	\$ 2,925			0.00	13
DLR Sr. Electrical Engineer	2	\$ 165	\$ 330			0.00	2
Priority1 Sub-Consultant	1	\$ 21,000	\$ 21,000			0.00	1
Subtotal Hours for Phase	16						
Expenses (travel/other)			\$ -				
			\$ -				
			\$ -	24,255			
10 PERMITTING AND FINALIZE GMP					12		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -				

DLR / PRIOTIRY1

Compensation Schedule - Details

PROJECT:

Pima County Adult Detention Facility

DATE: 30-Sep-21

HOURS CALCULATION

ITEM	HOURS	RATES	FEE	SUBTOTALS	Weeks / Phase	Hours / Week	Hours / Phase
11 CONSTRUCTION ADMINISTRATION					52		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -	\$ -			
12 RECORD DRAWINGS					8		
DLR Electrical Engineer of Record	0	\$ 225	\$ -			0.00	0
DLR Sr. Electrical Engineer	0	\$ 165	\$ -			0.00	0
Priority1 Sub-Consultant	0	\$ 21,000	\$ -			0.00	0
Subtotal Hours for Phase	0						
Expenses (travel/other)			\$ -				
			\$ -	\$ -			
TOTAL	0			\$ 24,255			

Hourly Rates

DLR Electrical Engineer of Record	\$ 225.00
DLR Sr. Electrical Engineer	\$ 165.00
Priority1 Sub-Consultant	\$ 21,000.00

Attachment 2: DLR Group Engineering Fees



Engineering Fees Worksheet

Phase 1 - SD	\$ 1,825.00
DD	\$ -
CD	\$ 3,445.00
BN/CA	\$ 1,825.00
Total Design Fees	\$ 7,295.00

Reimbursables \$ -

Totals Fees \$ 7,295.00

Created By: D. Anderson

Compiled By: L. Smith

Location: Tucson, AZ

Client: Pima County

Project: Pima County Correctional

IT Cooling

Revision Date: 9/21/2021

Prep. Date: 9/15/2021

Marketing No: 00-30000-xx

Job No: 30-20158-00

Totale Fees		PIC / PM		LEAD ENGINEER			DESIGN/PRODUCTION/ADMIN						
		PIC	PM	BCP	PE1	PE2	EN1	EN1	EN1	ADMIN			
		\$385.00	\$175.00	\$235.00	\$175.00	\$175.00	\$145.00	\$115.00	\$90.00	\$70.00	DLR Billing Rates (\$/hr.)		
TASK	Phase 1 - SD SCHEMATIC DESIGN - XX WEEKS	PIC Hrs.	PM Hrs.	PM/Sr.PE Hrs.	Sr.PE Hrs.	Sr.PE Hrs.	Eng/Sr.Des Hrs.	EIT/Des Hrs.	Tech/Int Hrs.	Admin Hrs.	Subtotal Hours	Subtotal Costs	
1	Review Owners Project Requirements (OPR)		1		2						3	\$525.00	
2	Review existing as-built documents				2						2	350.00	
3	Site Investigations/Travel Time										0		
4	Survey existing systems				1						1	175.00	
5	Coordinate / Layout Mechanical scope items		1		1						2	350.00	
6	Owner Meeting(s)										1	175.00	
7	Narrative of Mechanical Basis of Design (BOD)		1		1						2	350.00	
8											0		
9											0		
10											0		
11											0		
12											0		
13											0		
14											0		
15											0		
Sub Totals =		0	4	0	7	0	0	0	0	0	11	\$1,825.00	
		0.0%	9.8%	0.0%	17.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
		\$ -	\$ 700	\$ -	\$ 1,225	\$ -	\$ -	\$ -	\$ -	\$ -			

TASK	DD DESIGN DEVELOPMENT - XX WEEKS	NOTES	PIC Hrs.	PM Hrs.	PM/Sr.PE Hrs.	Sr.PE Hrs.	Sr.PE Hrs.	Eng/Sr.Des Hrs.	EIT/Des. Hrs.	Tech/Int. Hrs.	Admin. Hrs.	Subtotal Hours	Subtotal Costs
1												0	
2												0	
3												0	
4												0	
5												0	
6												0	
7												0	
8												0	
9												0	
10												0	
11												0	
12												0	
13												0	
14												0	
15												0	
16												0	
17												0	
Sub Totals =			0	0	0	0	0	0	0	0	0	0	
			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

TASK	CD CONSTRUCTION DOCUMENTS - XX WEEKS	NOTES	PIC Hrs.	PM Hrs.	PM/Sr.PE Hrs.	Sr.PE Hrs.	Sr.PE Hrs.	Eng/Sr.Des Hrs.	EIT/Des. Hrs.	Tech/Int. Hrs.	Admin. Hrs.	Subtotal Hours	Subtotal Costs
1	Coordinate / Layout Mechanical scope items					1						1	\$175.00
2	Owner Meeting(s)											0	
3	Mechanical Design Criteria/Analysis											0	
4												0	
5	HVAC Load and Ventilation Calculations					2						2	350.00
6	Equipment Selections					2						2	350.00
7	Energy Code Compliance Verification											0	
8	Construction Documents / BIM Modeling											0	
9												0	
10												0	
11												0	
12												0	
13												0	
14	HVAC Plans			1		4						5	875.00
15	HVAC Details & Schedules					2						2	350.00
16	Specification Sections (Div. 21, 22 & 23)			1		2						3	525.00
17	Review / QC Calculation Review Drawing Review				2	2						4	820.00
Sub Totals =			0	2	2	15	0	0	0	0	0	19	\$3,445.00
			0.0%	4.9%	4.9%	36.6%	0.0%	0.0%	0.0%	0.0%	0.0%		
			\$ -	\$ 350	\$ 470	\$ 2,625	\$ -	\$ -	\$ -	\$ -	\$ -		

TASK	BN/CA BID NEG. + CONST. ADMIN. - XX WEEKS	NOTES	PIC Hrs.	PM Hrs.	PM/Sr.PE Hrs.	Sr.PE Hrs.	Sr.PE Hrs.	Eng/Sr.Des Hrs.	EIT/Des. Hrs.	Tech/Int. Hrs.	Admin. Hrs.	Subtotal Hours	Subtotal Costs
1	Respond/Include VE items					1						1	\$175.00
2	Respond/Include AHJ comment items					1						1	175.00
3	Review/Respond to RFIs, Submittals, ASIs			1		2						3	525.00
4	Site Visits (1 Final Punch)					6						6	1,050.00
5												0	
6												0	
7												0	
8												0	
9												0	
10												0	
11												0	
12												0	
13												0	
14												0	
15												0	
Sub Totals =			0	1	0	10	0	0	0	0	0	11	\$1,825.00
			0.0%	2.4%	0.0%	24.4%	0.0%	0.0%	0.0%	0.0%	0.0%		
			\$ -	\$ 175	\$ -	\$ 1,750	\$ -	\$ -	\$ -	\$ -	\$ -		
Totals =			0	7	2	32						41	\$7,295.00

Totals =	0	7	2	32									41	\$7,295.00
	#VALUE!	17.1%	4.9%	78.0%	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!			
	#VALUE!	\$ 1,225	\$ 470	\$ 5,600	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!			

DLR Group Schedule of Hourly Rates

\$/HR	Abv.	Title
365	PIC	Principal
235	PM/Sr.PE	Project Manager / Senior Engineer
175	Sr.PE	Senior Professional Engineer
145	Eng/Sr.Des	Engineer / Senior Designer
115	EIT/Des.	Jr. Engineer / Designer
90	Tech/Int.	Technical Support / Engineering Intern
70	Admin.	Project Administrator

Attachment 3: DLR Group's Proposal for Power Survey and Compressor Circuits



DLR Group

Architecture Engineering Planning Interiors

177 North Church Avenue, Suite 755
Tucson, AZ 85701

September 30, 2021

Lance Timmsen
Security Design Consulting
2120 Academy Circle, Suite H
Colorado Springs, Co 80909

Re: Additional Services request for electrical engineering services for Pima County Adult Detention Complex, Security Electronics Replacement

Dear Lance,

We appreciate the opportunity to submit this additional service request for the Pima County Project. The two add service items are as follows:

Electrical Demand load testing:

Engage electrical testing company to provide demand load testing services on twelve automatic transfer switches. DLR will coordinate test and report requirements with testing company. DLR will coordinate with testing company and will review progress results report and final demand report. Client is responsible for providing testing company personnel access to equipment to be tested and will confirm rooms to be secure, as testing equipment will remain in the spaces for the duration of the test.

Priority Power Testing Services proposal dated 9.24.2021	\$21,000.00
DLR Group Electrical Engineering: 12 hours @ \$225.00 / Hour =	<u>\$ 2,700.00</u>
Total Fee	\$ 23,700.00

Compressor electrical design work:

DLR will identify generator backed circuit to serve existing air compressor serving locking system.

DLR Group Electrical Engineering: 1 hours @ \$225.00 / Hour =	\$ 225.00
DLR Group Electrical Engineering: 2 hours @ \$165.00 / Hour =	<u>\$ 330.00</u>
Total Fee	\$ 555.00

Thank you for this opportunity to be of service and we look forward to working with You and Pima County.

Sincerely
DLR GROUP

Larry J. Smith, AIA
Architect / Principal

Cc: Radames Cocco
Enclosures: Priority Power Testing Services proposal dated 9.24.2021

Attachment 4: Priority1 Proposal



Power System Testing Specialists

12618 E. Cloud Rd. Chandler, AZ 85249

PH: (480)730-8871 FAX: (480)783-9878

www.priority1powerservices.com

September 24, 2021

Attn: Radames Cocco
DLR Group

Project: Pima County Correctional

Subject: Proposal for 30-Day Power Surveys

Priority 1 Power Services is pleased to present this proposal for independent third-party testing services.

PROJECT OVERVIEW:

- Perform (12) 30-Day Power Surveys
- Provide 7-Day Report including Volts, Amps, KW, KVA, PF (Min/Max/Ave)
- Provide 30-Day Report including Volts, Amps, KW, KVA, PF (Min/Max/Ave)

COST BREAKDOWN & CLARIFICATIONS:

1. Total proposed amount includes all onsite labor, test equipment, expenses, and full detailed report.
2. Total amount includes (3) trips to site in Tucson, AZ.
3. Two Priority 1 Technicians will be present at installation and removal of equipment.
4. Payment Terms are Net 30 days following completion of project.

Total Cost for Testing detailed above.....\$21,000.00

If you have any questions or concerns, please feel free to contact me directly. We appreciate the opportunity to present you this proposal and look forward to working together.

Respectfully,

Brandon Carrasco

Brandon Carrasco
480-688-0012

End of Attachment 1 to EXHIBIT B