



**VAL VERDE COUNTY COMMISSIONER'S COURT MINUTES**

**APRIL 25<sup>TH</sup> SPECIAL TERM, A.D. 2016**

**MOTION KEY:**  
 EFRAIN V VALDEZ= EVV  
 COMM RAMON=R  
 COMM OWENS=O  
 COMM NETTLETON=N  
 COMM FLORES= F

1. CALL TO ORDER.
2. DETERMINATION THAT A QUORUM IS PRESENT:

BE IT REMEMBERED that on this the 25<sup>th</sup> day of April A.D. 2016 at 9:00 o'clock A.M., after due notice was given by posting of the attached Agenda; the Honorable Val Verde County Commissioners' Court convened in **REGULAR SESSION**. The meeting was called to order, the following members being present and constituted a quorum: Efrain V. Valdez, County Judge, Presiding; Ramiro V. Ramon, Commissioner of Precinct No. 1; Lewis Owens, Commissioner of Precinct No. 2; Robert "LeBeau" Nettleton; Commissioner of Precinct No. 3; Gustavo Flores, Commissioner of Precinct No. 4; Absent and Generosa Gracia-Ramon, County Clerk; when the following proceeding was had to wit:

3. The Court recited the Pledge of Allegiance to the Flag.

NOTICE IS HEREBY GIVEN TO THE PUBLIC THAT THE FOLLOWING ITEMS WILL BE DISCUSSED AND POSSIBLE ACTION MAY BE TAKEN BY THE VAL VERDE COUNTY COMMISSIONERS COURT:

**Judge Efrain Valdez, County Judge**

4. Discussion and possible action regarding the bid submittal for construction of the Defense Economic Adjustment Assistance Grant Project at LAFB West Gate.

ORDER  
 #16-171

MOTION	2 ND		AYES	NOES	ABST
N	R	Motion to reject all	N,O,R		
		bids and re-bid due in	EVV		
		30 days.			

**QUORUM**

- COUNTY JUDGE
- EP Judge's Staff
- YM Judge's Staff
- COMM. PRCT# 1
- COMM. PRCT# 2
- COMM. PRCT# 3
- A COMM. PRCT# 4
- ATTENDING**
- COUNTY STAFF/DEPTS:**
- DM COUNTY ATTY
- SS COUNTY ATTY STAFF
- SL COUNTY ATTY STAFF
- DISTRICT CLERK
- IT
- SHERIFF
- SHERIFF'S STAFF
- AUDITOR
- TREASURER
- PURCHASING
- HR
- TAX COLLECTOR
- RISK MGMT
- FIRE DEPT
- EMERGENCY MGMT
- JP #1
- JP #2
- JP #3
- JP #4
- OTHER S.BERG

MOTION KEY: EFRAIN V VALDEZ= EVV; COMM RAMON=R; COMM OWENS=O; COMM NETTLETON=N; COMM FLORES=F

5. Discussion and possible action regarding:

**A RESOLUTION ESTABLISHING THE COUNTY'S INTENTION TO DRAW DOWN ON THE EXISTING LINE OF CREDIT AT THE BANK & TRUST FOR THE COSTS ASSOCIATED WITH THE DEFENSE ECONOMIC ADJUSTMENT ASSISTANCE GRANT (DEAAG) PROJECT FOR CONSTRUCTION OF THE LAUGHLIN AIR FORCE BASE WEST GATE, AUTHORIZING OTHER MATTERS INCIDENT AND RELATED THERETO; AND PROVIDING AN EFFECTIVE DATE.**

ORDER	MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
#16-172	N	O		Motion to Table.		N,O,R		
						EVV		

6. Discussion and possible action regarding:

**A RESOLUTION OF THE COMMISSIONERS COURT OF VAL VERDE COUNTYM TEXAS AUTHORIZING THE VAL VERDE COUNTY COMMISSIONERS COURT TO SIGN AND MAINTAIN THE PREVIOUSLY APPROVED LINE OF CREDIT OF \$910,000.00 DOLLARS WITH THE DEL RIO BANK & TRUST.**

ORDER	MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
#16-173	N	R		Motion to table		N, O, R		
						EVV		

**Commissioner Robert Nettleton**

7. Discussion and possible action regarding an agreement between Esser & Company Consulting L.L.C. and Val Verde County for necessary consulting work on the Defense Economic Adjustment Assistance Grant Project (DEAAG) from April 11 through May 3, 2016.

ORDER	MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
#16-174	N	O		Motion to Approve hiring Esser & Co.		N, O, R		
				at \$85.00 an hour; rate of .565 mileage		EVV		
				and authorize the Judge to sign.				

8. Discussion and possible action regarding authorization by Commissioners Court to request "RFQ's" for the Administration of the Defense Economic Adjustment Assistance Grant Project, publish notice and appoint a selection committee to rate the proposals.

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MOTION KEY: EFRAIN V VALDEZ= EVV; COMM RAMON=R; COMM OWENS=O; COMM NETTLETON=N; COMM FLORES=F

**ORDER**  
#16-175

MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
N	R		Motion to go out for RFQ'S for administration of Defense Grant (DEAAGP) with the Judge, Roy Musquiz, and Frank Lowe as the committee to Review, rate and report bids back to the Court.		N, O, R EVV		

9. Discussion and possible action regarding the Defense Economic Adjustment Assistance Grant and possible county funding for shortfall in the grant.

**ORDER**  
#16-176

MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
R	N		Motion to table.		N, O, R EVV		

10. Adjournment.

**ORDER**  
N/A

MOTION	2 ND	AMEND	AMENDMENT/NOTES	ACCEPT	AYES	NOES	ABST
			meeting adjourned @ 9:27 AM				

Commissioners Court reserves the right to hear any of the above agenda items that qualify for an executive session in an executive session by publicly announcing the applicable section number of the Meetings Act (Chapter 551 of the Texas Government Code that justifies executive session treatment.

The foregoing, recorded in Volume 46, pages 346-371, inclusive, was on this the 9th day of May A.D. 2016, read and is hereby **APPROVED**.

Respectfully submitted,

  
Efrain V. Valdez, County Judge  
Val Verde County, Texas

ATTEST:

  
GÉNEROSA GRACIA-RAMON  
COUNTY CLERK



MOTION KEY: EFRAIN V VALDEZ= EVV; COMM RAMON=R; COMM OWENS=O; COMM NETTLETON=N; COMM FLORES=F

County of Val Verde



**Efrain V. Valdez**

County Judge

P.O. Box 4250  
Del Rio, TX 78841  
Email: [evaldez@valverdecountry.org](mailto:evaldez@valverdecountry.org)

Phone (830) 774-7501  
Fax (830) 775-9406

**AGENDA/NOTICE**

**VAL VERDE COUNTY COMMISSIONERS COURT**

**Special Meeting**

Old County Court at Law Bldg.  
207B E. Losoya Street  
Del Rio, TX

April 25, 2016  
9:00 A.M.

1. Call to order.
2. Determination that a quorum is present.
3. Pledge of allegiance.

**NOTICE IS HEREBY GIVEN TO THE PUBLIC THAT THE FOLLOWING ITEMS WILL BE DISCUSSED AND POSSIBLE ACTION MAY BE TAKEN BY THE VAL VERDE COUNTY COMMISSIONERS COURT:**

**Judge Efrain Valdez, County Judge**

4. Discussion and possible action regarding the bid submittal for construction of the Defense Economic Adjustment Assistance Grant Project at LAFB West Gate.
5. Discussion and possible action regarding:

**A RESOLUTION ESTABLISHING THE COUNTY'S INTENTION TO DRAW DOWN ON THE EXISTING LINE OF CREDIT AT THE BANK & TRUST FOR COSTS ASSOCIATED WITH THE DEFENSE ECONOMIC ADJUSTMENT ASSISTANCE GRANT (DEAAG) PROJECT FOR CONSTRUCTION OF THE LAUGHLIN AIR FORCE BASE WEST GATE, AUTHORIZING**

**OTHER MATTERS INCIDENT AND RELATED THERETO; AND PROVIDING AN EFFECTIVE DATE.**

6. Discussion and possible action regarding:

**A RESOLUTION OF THE COMMISSIONERS COURT OF VAL VERDE COUNTY, TEXAS AUTHORIZING THE VAL VERDE COUNTY COMMISSIONERS COURT TO SIGN AND MAINTAIN THE PREVIOUSLY APPROVED LINE OF CREDIT OF \$910,000.00 DOLLARS WITH THE DEL RIO BANK & TRUST.**

**Commissioner Robert Nettleton**

7. Discussion and possible action regarding an agreement between Esser & Company Consulting L.L.C. and Val Verde County for necessary consulting work on the Defense Economic Adjustment Assistance Grant Project (DEAAG) from April 11 through May 3, 2016.
8. Discussion and possible action regarding authorization by Commissioners Court to request "RFQ's" for the Administration of the Defense Economic Adjustment Assistance Grant Project, publish notice and appoint a selection committee to rate the proposals.
9. Discussion and possible action regarding the Defense Economic Adjustment Assistance Grant and possible county funding for shortfall in the grant.
10. Adjournment.

**Commissioners Court reserves the right to hear any of the above agenda items that qualify for an executive session in an executive session by publicly announcing the applicable section number of the Open Meetings Act (Chapter 551 of the Texas Government Code) that justifies executive session treatment.**

FILED

2016 APR 20 P 3:28

GENERAL COMMISSIONER  
VAL VERDE COUNTY CLERK

BY UA DEPUTY

  
Efrain Valdez, County Judge  
Val Verde County, Texas

THIS NOTICE OF THE AGENDA WAS POSTED ON THE BULLETIN BOARD ON April 20, 2016 at 3:28 PM

P.O. Box 4250 • Del Rio, TX 78841

**CERTIFICATE**

I, the undersigned County Clerk, do hereby certify that the above **AGENDA/NOTICE/ADDENDUM** of the Val Verde County Commissioner's Court is a true and correct copy of the **AGENDA/NOTICE/ADDENDUM** as posted on the courthouse door of Val Verde County, at a place readily accessible to the general public at all times on the 20<sup>th</sup> day of April, 2016, at 3:28 o'clock p. m. and said **AGENDA/NOTICE/ADDENDUM** remained so posted continuously for at least 72 hours preceding the scheduled time of said meeting.



  
**Generosa Gracia-Ramon**  
**Val Verde County Clerk**

#4

Charles Willis & Associates, Inc.

**Project  
Memorandum/  
Information  
Request**

**Project: LAFB West Gate DCC**

Date: April 20, 2016  
Send To: Val Verde County Texas  
Attention: Roy Musquiz, Val Verde County Purchasing Agent  
Office Location:

From: Charles Willis

Total Pages Including Cover:

Urgent  Reply ASAP  Please Comment  Please Review  For Your Information

**Comments: RE: Bid review and evaluation – West Gate DCC at Laughlin AFB, TX**

Dear Mr. Musquiz –

We have performed a review and evaluation of bids for the referenced project received at the Val Verde County Courthouse at 3:00 April 13, 2016. Two bids were received and read aloud. The required bid documents were complete and the forms properly executed.

The base bids received were:

- Frontera Construction, LLC. \$4,573,995.00
- Capital Construction Division, HJD Electric, Inc. \$6,118,344.00

All four addenda were acknowledged.

The Opinion of Probable cost/budget attached \$4,019,312.00

Both bids are substantially above the Opinion of Probable cost/budget prepared by CCM, LLC., Attached.

Because of the uniqueness of Del Rios geographic location, we believe that the logistics in the construction industry apparently affects costs significantly, and, in our opinion, are principle factors influencing the bid prices. Although, some construction costs are comparable to other areas of Texas, the Del Rio location affect labor, equipment and mobilization costs and can be a factor.

And, as noted in the Opinion of Probable Cost prepared by CCM, LLC, the bids from fewer than 4 bidders can results in cost increases of up to 15%.

### Bid Evaluation

The evaluation of bids were accomplished by Charles Willis & Associates, Inc. staff, members of the 47<sup>th</sup> Civil Engineering Squadron, Laughlin AFB, Bain-Medina-Bain Engineers and City of Del Rio technical staff, and were conducted in accordance with the evaluation criteria contained in section 3, Division 00 of the project specifications. A work sheet was used by each evaluation; a summary of the average scoring for each bidder is attached, along with a sample of the worksheet.

The format for submittal of the bids required bidders to respond to eight specific criteria, including the pricing and delivery bid proposal, which constitutes 50% of the evaluation. The other seven criteria have varying values that total the remaining 50% of the evaluation.

Frontera Construction failed to respond to four of the criteria, thus making it impossible to fully evaluate their bid. In addition, not all of the requested information was included in the four criteria responded to.

The criteria not responded to by Frontera are:

- 3.1 Respondent's Safety Management Program for this Project
- 3.5 Respondent's Planning and Scheduling for this Project
- 3.6 Respondent's Quality Control and Commissioning for this Project
- 3.7 Respondent's Warranty and Service Support Program for this Project

All four of these criteria are critical to evaluating and understanding the bid proposal and since all eight of the responses were required, Frontera's bid must be considered as non-responsive and should be disqualified.

Capital Division did respond to all of the criteria and did provide all of the information requested. However, their pricing bid is approximately 50% higher than the original CCM estimate, and, given the limits on the project budget, it recommended that the bid not be accepted.

With regard to possible re-design and scope or cost reduction, we have consulted with the U.S. Air Force at Laughlin AFB and there does not appear to be any viable means to reduce cost or scope and still meet the physical, functional and security requirements that were the basis of design for the project.

Based on the forgoing conditions, it is our recommendation that both bids be rejected and that the project be re-bid at the earliest possible time.

Please contact me if you have question or comments.

Thanks,



Charles Willis, AIA, NCARB, R.I.D.  
President  
Charles Willis & Associates, Inc.  
1161 Corporate Drive West, Suite 150  
Arlington, Texas 76006  
(817) 261-1863 Office  
(817) 455-4098 Cell  
cwillis@cwainc.net

**LAFB WEST GATE DCC**  
**Laughlin Air Force Base, Texas**

*100% Submittal*  
*Opinion of Probable Construction Cost*

**March 30, 2016**

**Submitted to:**  
Charles Willis & Associates, Inc.  
1161 Corporate Drive West, Suite 150  
Arlington, TX 76006  
Tel: 817.261.1863  
Tel: 817.455.4098

**Submitted by:**  
CCM Construction Services, LLC  
PO Box 120455  
Arlington, TX 76012-0455  
Tel: 214.906.8751  
Tel: 214.354.0405

*excellence in*  
*construction cost*  
*management*<sup>SM</sup>



**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
Laughlin Air Force Base, Texas  
SUMMARY  
100% Submittal: March, 2016**

Project Work Element	Cost November, 2015 Preliminary	Cost February, 2016 65%	Cost March, 2016 100%	
Site Development	\$ 1,267,621	\$ 1,535,499	\$ 1,588,700	
New Building	\$ 1,393,896	\$ 1,472,694	\$ 1,592,874	
<b>SUBTOTAL - DIRECT COST</b>	<b>\$ 2,661,518</b>	<b>\$ 3,008,192</b>	<b>\$ 3,181,574</b>	
<b>Mark-ups</b>				
DESIGN CONTINGENCY	\$ 266,152	\$ 150,410	\$ 127,263	4.00%
GENERAL CONDITIONS	\$ 263,490	\$ 252,688	\$ 264,707	8.00%
ESCALATION (2)	\$ 159,558	\$ 127,923	\$ -	
OVERHEAD	\$ 100,522	\$ 106,176	\$ 107,206	3.00%
FEE, General Contractor Profit	\$ 172,562	\$ 182,269	\$ 184,037	5.00%
BONDS, Performance and Payment	\$ 63,417	\$ 66,984	\$ 67,634	1.75%
INSURANCE, General Liability	\$ 58,995	\$ 62,314	\$ 62,919	1.60%
PERMITS	\$ 22,477	\$ 23,742	\$ 23,972	0.60%
<b>SUBTOTAL - MARK-UPS</b>	<b>\$ 1,107,173</b>	<b>\$ 972,507</b>	<b>\$ 837,738</b>	
<b>TOTAL PROJECTED CONSTRUCTION COST</b>	<b>\$ 3,768,691</b>	<b>\$ 3,980,699</b>	<b>\$ 4,019,312</b>	
TOTAL SF	4,572	4,572	4,572	
COST PER SF - WITHOUT MARK-UPS (SITE + BUILDING)	\$582.13	\$657.96	\$695.88	
COST PER SF - WITH MARK-UPS (SITE + BUILDING)	\$824.30	\$870.67	\$879.11	
COST PER SF - WITHOUT MARK-UPS (BUILDING ONLY)	\$304.88	\$322.11	\$348.40	
COST PER SF - WITH MARK-UPS (BUILDING ONLY)	\$431.70	\$426.25	\$440.13	

Notes:

- 1) Estimate Based on '100% Submittal' Drawings (Dated March 13, 2015) and Specifications (Dated March 15, 2016).
- 2) Escalation is Excluded. Project is Bidding Within the Next 30 Days.
- 3) Per Diem Costs Are Included in Unit Costs for Certain Subcontractors and General Conditions
- 4) "Q" Adjacent to Estimate Line Item Indicates Vendor, Manufacturer, or Supplier Quote Received for Item.
- 5) Estimate Includes Construction Costs Only. Other Costs Such as Design Fees, Furniture, Fixtures, and Equipment (FF&E), New and Relocations, and Owner Project Administration Are Excluded
- 6) The Estimate Reflects Costs For a Typical Number of Bidders, say 4 to 8. Estimated Potential Cost Adjustments are Plus 5% to 15% 15% for <4 Bidders and Minus 10% to 15% for > 8 Bidders.

Statement of Probable Construction Costs LAFB WEST GATE DCC Laughlin Air Force Base, Texas New Building and Site Development 100% Submittal: March, 2016		
Item		Cost
<b>Division 1 - General Requirements</b>		\$ 18,372
Temporary Facilities and Controls	\$ 18,372	
<b>Division 2 - Existing Conditions</b>		\$ 115,387
Demolition and Structure Moving	\$ 115,387	
<b>Division 3 - Concrete</b>		\$ 246,588
Concrete Forming and Accessories	\$ 138,252	
Cast-in-Place Concrete	\$ 108,336	
<b>Division 4 - Masonry</b>		\$ 22,939
Unit Masonry	\$ 22,939	
<b>Division 5 - Metals</b>		\$ 125,532
Structural Metal Framing	\$ 34,583	
Metal Decking	\$ 13,201	
Cold-Formed Metal Framing	\$ 77,748	
<b>Division 6 - Wood, Plastics, and Composites</b>		\$ 27,704
Rough Carpentry	\$ 16,749	
Finish Carpentry	\$ 10,955	
<b>Division 7 - Thermal and Moisture Protection</b>		\$ 118,214
Flashing and Sheet Metal	\$ 80,176	
Roof and Wall Specialties and Accessories	\$ 19,750	
Joint Protection	\$ 18,288	
<b>Division 8 - Openings</b>		\$ 217,875
Doors and Frames	\$ 139,150	
Specialty Doors and Frames	\$ 37,400	
Windows	\$ 33,925	
Hardware	\$ 3,950	
Louvers and Vents	\$ 3,450	
<b>Division 9 - Finishes</b>		\$ 190,288
Plaster and Gypsum Board	\$ 122,408	
Tiling	\$ 16,471	
Ceilings	\$ 7,976	
Flooring	\$ 15,797	
Wall Finishes	\$ 12,249	
Painting and Coating	\$ 15,387	
<b>Division 10 - Specialties</b>		\$ 84,760
Specialties	\$ 6,000	
Information Specialties	\$ 1,100	
Interior Specialties	\$ 75,335	
Safety Specialties	\$ 2,325	
<b>Division 11 - Equipment</b>		\$ 0
Residential Equipment	\$ 0	
<b>Division 12 - Furnishings</b>		\$ 700
Window Treatments	\$ 700	
Furniture	\$ 0	
<b>Division 13 - Special Construction</b>		\$ 15,000
Special Construction	\$ 15,000	
<b>Division 21 - Fire Suppression</b>		\$ 0
Water-Based Fire-Suppression Systems	\$ 0	
<b>Division 22 - Plumbing</b>		\$ 80,544
Plumbing	\$ 16,002	
Plumbing Piping and Pumps	\$ 48,572	
Plumbing Equipment	\$ 1,010	
Plumbing Fixtures	\$ 14,960	
<b>Division 23 - Heating, Ventilating, and Air-Conditioning (HVAC)</b>		\$ 118,765
Heating, Ventilating, and Air-Conditioning (HVAC)	\$ 11,430	
HVAC Air Distribution	\$ 69,835	
Decentralized HVAC Equipment	\$ 37,500	
<b>Division 25 - Integrated Automation</b>		\$ 1,665
Integrated Automation Facility Controls	\$ 1,665	
<b>Division 26 - Electrical</b>		\$ 329,796
Electrical	\$ 49,996	
Low-Voltage Electrical Distribution	\$ 42,220	
Facility Electrical Power Generating and Storing Equipment	\$ 92,000	
Lighting	\$ 145,580	
<b>Division 27 - Communications</b>		\$ 21,948
Communications	\$ 21,948	
<b>Division 28 - Electronic Safety and Security</b>		\$ 53,576
Electronic Surveillance	\$ 39,860	
Electronic Detection and Alarm	\$ 13,716	

<b>Statement of Probable Construction Costs</b> <b>LAFB WEST GATE DCC</b> <b>Laughlin Air Force Base, Texas</b> <b>New Building and Site Development</b> <b>100% Submittal: March, 2016</b>		
Division 31 - Earthwork		\$ 107,988
Earth Moving	\$	107,988
Division 32 - Exterior Improvements		\$ 793,071
Exterior Improvements	\$	21,420
Bases, Ballasts, and Paving	\$	506,866
Site Improvements	\$	141,070
Irrigation	\$	27,350
Planting	\$	96,365
Division 33 - Utilities		\$ 490,863
Water Utilities	\$	210,523
Wells	\$	1,500
Sanitary Sewerage Utilities	\$	52,452
Storm Drainage Utilities	\$	18,020
Electrical Utilities	\$	24,255
Communications Utilities	\$	184,113
<b>TOTAL DIRECT COST:</b>		<b>\$ 3,181,574</b>

Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
Laughlin Air Force Base, Texas  
New Building and Site Development  
100% Submittal: March, 2016

Summary Square Footage Amounts

Area Calculations	Conditioned Space	Unconditioned Space
1st Floor (Overall Area)	4,572 SF	
Total Gross Area Floor Space	4,572 SFF	

**Statement of Probable Construction Costs**  
**LAFB WEST GATE DCC**  
**Laughlin Air Force Base, Texas**  
**New Building and Site Development**  
**100% Submittal: March, 2016**

Description	Category	Quantity	UM	Unit	Extended	Cost
<b>Division 1 - General Requirements</b>						\$ 18,372
Temporary Facilities and Controls						\$ 18,372
<b>Temporary Construction</b>						
Staging Area	Site	10,872	SF	1.00	10,872.00	
Construction Entrance/Exit, Install, Maintain, and Remove	Site	1	LS	7,500.00	7,500.00	
<b>Division 2 - Existing Conditions</b>						\$ 116,387
Demolition and Structure Moving						\$ 116,387
<b>Demolition</b>						
Demo Concrete Flume Drain	Site	621	SF	2.20	1,366.20	
Demo Gravel Area	Site	48,798	SF	1.55	75,636.90	
Remove and Relocate Sign	Site	4	EA	300.00	1,200.00	
Remove Concrete Bollards	Site	3	EA	200.00	600.00	
Remove Deco Fence	Site	109	LF	10.00	1,090.00	
Remove Existing Water Line	Site	189	LF	18.00	3,402.00	
Remove Tree	Site	2	EA	500.00	1,000.00	
Remove Wire Fence	Site	131	LF	8.00	1,048.00	
Staging Area (Strip - Gravel Surface)	Site	12,087	SF	2.00	24,174.00	
Sawcut To Match Existing	Site	274	LF	5.00	1,370.00	
<b>Removal and Salvage of Construction Materials</b>						
Load, Haul, and Dispose of Demolition Materials Offsite	Site	10	LOAD	450.00	4,500.00	
<b>Division 3 - Concrete</b>						\$ 246,588
Concrete Forming and Accessories						\$ 138,252
<b>Concrete Forming</b>						
Exterior Wall, Type W5, Concrete Fill and Reinforcing at ICF Walls, 6"		2,844	SF	17.11		
Q ICF Form, 6"	Building	2,844	SF	10.50	29,866.73	
Q Concrete, 4,000 psi, 10% Waste	Building	43	CY	300.00	13,037.06	
Q Reinforcing Steel, #5@16" Vertical, #4@15" Horizontal	Building	3,982	LBS	1.45	5,774.23	
Exterior Wall, Type W9, Concrete Fill and Reinforcing at ICF Walls, 8" (w/EIFS Finish, See Div 9)		2,885	SF	20.29		
Q ICF Form, 8"	Building	2,885	SF	12.00	34,624.80	
Q Concrete, 4,000 psi, 10% Waste	Building	59	CY	300.00	17,833.00	
Q Reinforcing Steel, #5@16" Vertical, #4@12" Horizontal	Building	4,328	LBS	1.45	6,275.75	
Exterior Wall, Type W9, Concrete Fill and Reinforcing at ICF Walls, 8" (w/o EIFS Finish)		1,131	SF	20.29		
Q ICF Form, 8"	Building	1,131	SF	12.00	13,572.00	
Q Concrete, 4,000 psi, 10% Waste	Building	23	CY	300.00	6,911.67	
Q Reinforcing Steel, #5@16" Vertical, #4@12" Horizontal	Building	1,697	LBS	1.45	2,459.93	
Exterior Wall, Type W10, Concrete Fill and Reinforcing at ICF Walls, 4"		600	SF	13.51		
Q ICF Form, 4"	Building	600	SF	9.00	5,395.95	
Q Concrete, 4,000 psi, 10% Waste	Building	6	CY	300.00	1,831.96	
Q Reinforcing Steel	Building	600	LBS	1.45	869.35	
<b>Cast-in-Place Concrete</b>						\$ 108,335
<b>Structural Concrete</b>						
Footing F1, 3'-6" x 3'-6" x 3'-0"	Building	1	EA	880.00	880.00	
Footing F2, 2'-3" x 2'-3" x 3'-0"	Building	2	EA	375.00	750.00	
Grade Beam 1'-6" (Base)/2'-2" (Top) x 3'-0" Deep 1/S-301	Building	319	LF	42.00	13,398.00	
Grade Beam 1'-6" (Base)/2'-2" (Top) x 3'-0" Deep 2/S-301	Building	48	LF	42.00	2,016.00	
Grade Beam 1'-6" (Base)/2'-8" (Top) x 3'-0" Deep 3/S-301	Building	129	LF	35.00	4,515.00	
Sawn Joint	Building	423	LF	2.50	1,057.50	
Slab on Grade, 5" #3@16" OCEW P=265 LF	Building	2,431	SF	6.50	15,801.50	
Slab on Grade, 6" #4@18" OCEW P=139 LF	Building	529	SF	8.00	4,232.00	
Slab on Grade, 8" #4@18" OCEW P=212 LF	Building	2,028	SF	10.50	21,294.00	
Additional Slab Reinforcing at Corners	Building	13	EA	150.00	1,950.00	
Structural Stoop at Door Entry, 3'-0" x 3'-0"	Building	2	EA	100.00	200.00	
Structural Stoop at Door Entry, 7'-0" x 3'-4"	Building	1	EA	200.00	200.00	
Equipment Pad, 11'-9" x 6'-4" (Transformer and Generator)	Building	1	EA	750.00	750.00	
Equipment Pad, 4'-9" x 3'-9" (A/C)	Building	1	EA	350.00	350.00	
Equipment Pad, 8'-0" x 3'-8" (A/C)	Building	1	EA	600.00	600.00	
Trench Drain, Concrete 4/S-301	Building	66	LF	25.00	1,650.00	
Roof Slab - 2" Composite Metal Deck, 5", w/W6x8-W1.4xW1.4	Building	4,552	SF	8.50	38,692.00	
<b>Division 4 - Masonry</b>						\$ 22,939
Unit Masonry						\$ 22,939
Concrete Unit Masonry						
Interior Wall Type W1, CMU, 8"	Building	1,582	SF	14.50	22,939.00	
<b>Division 5 - Metals</b>						\$ 125,532
Structural Metal Framing						\$ 34,583
<b>Structural Steel Framing</b>						
Beam, W12x14	Building	0.85	TONS	4,750.00	3,092.25	
Beam, W12x22	Building	1.50	TONS	4,750.00	7,106.00	
Beam, W16x38	Building	2.23	TONS	4,750.00	10,602.00	
Column C1, HSS3.5x3.5x1/4, 13'-4" Tall w/Base Plate	Building	0.21	TONS	4,750.00	998.20	
Miscellaneous Plates, Embeds, Connections, and Welds	Building	0.82	TONS	4,750.00	3,959.69	
Angle Iron at Elevated Slab Perimeter	Building	337	LF	25.00	8,425.00	
<b>Metal Decking</b>						\$ 13,201
Steel Decking						
Composite Metal Deck, at Elevated Roof Deck	Building	4,552	SF	2.90	13,200.80	

Statement of Probable Construction Costs						
LAFB WEST GATE DCC						
Laughlin Air Force Base, Texas						
New Building and Site Development						
100% Submittal: March, 2016						
Description	Category	Quantity	UM	Unit	Extended	Cost
Cold-Formed Metal Framing						
Cold-Formed Metal Trusses						
Roof Framing - 1-1/2" Furring@24"OC, CFS Cripple Walls, and Roof Trusses	Building	4,712	SF	16.50	77,748.00	\$ 77,748
Division 5 - Wood, Plastics, and Composites						
Rough Carpentry						
Wood Framing						
Roof Framing - Wood Blocking	Building	1	LS	6,500.00	6,500.00	
Plywood on Walls, at Comm	Building	330	SF	2.50	825.00	
Wood Decking						
Plywood Roof Deck 5/8"	Building	4,712	SF	2.00	9,424.00	
Finish Carpentry						
Millwork						
Millwork-Base Cabinets w/Countertop, at Break Area	Building	8	LF	360.00	2,880.00	
Millwork-Base Cabinets w/Countertop, at Canine	Building	5	LF	340.00	1,700.00	
Millwork-Base Cabinets, at Copy Area	Building	3	LF	325.00	975.00	
Millwork-Reception, Counter w/Knee Space	Building	8	LF	300.00	2,400.00	
Millwork-Wall Cabinets, at Break Area	Building	8	LF	200.00	1,600.00	
Millwork-Wall Cabinets, at Copy Area	Building	7	LF	200.00	1,400.00	
Division 7 - Thermal and Moisture Protection						
Flashing and Sheet Metal						
Sheet Metal Roofing						
Standing Seam Metal Roof	Building	4,712	SF	16.50	77,748.00	
Prefinished Metal Flashing	Building	111	LF	15.00	1,665.00	
Sheet Metal Flashing and Trim						
Metal Coping Cap, at Screen Wall	Building	61	LF	12.50	762.50	
Roof and Wall Specialties and Accessories						
Roof Specialties						
Roof Access Ladder w/Metal Safety Cage, 2'-6" x 4'-6"	Building	1	EA	10,000.00	10,000.00	
Roof Accessories						
Downspout, 4'-4" Tall	Building	3	EA	80.00	240.00	
Downspout, 9'-4" Tall	Building	3	EA	150.00	450.00	
Downspout, 13'-4" Tall	Building	3	EA	215.00	645.00	
Downspout, 13'-10" Tall	Building	7	EA	215.00	1,505.00	
Downspout, 21'-7" Tall	Building	4	EA	330.00	1,320.00	
Downspout to Under Sidewalk Conductor	Building	1	EA	250.00	250.00	
Prefinished Metal Gutter	Building	226	LF	15.00	3,390.00	
Low Silhouette Mechanical Hood	Building	3	EA	450.00	1,350.00	
Splash Block	Building	15	EA	40.00	600.00	
Joint Protection						
Joint Sealants						
Joint Sealants/Penetrations for Air Leakage Requirements	Building	4,572	SFF	4.00	18,288.00	
Division 8 - Openings						
Doors and Frames						
Doors and Frames, Hardware						
Exterior Doors, Heavy-Duty, Blast and Wind Resistant						
DOOR 101A- 6'-4" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL, w/GL-3 GLAZING, HARDWARE GROUP 01, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	9,500.00	9,500.00	
DOOR 105A- 3'-4" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL, w/GL-1 GLAZING, HARDWARE GROUP 06, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,450.00	5,450.00	
DOOR 115A- 6'-6" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 09, REMOVABLE ASTRAGAL	Building	1	EA	8,775.00	8,775.00	
DOOR 116A- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL, w GLAZING, HARDWARE GROUP, 06 RATING	Building	1	EA	5,050.00	5,050.00	
DOOR 117A- 3'-0" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL, w/GL-1 GLAZING, HARDWARE GROUP 06, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,950.00	5,950.00	
Interior Doors						
DOOR 101B- 6'-4" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL, w/GL-1 GLAZING, HARDWARE GROUP 02	Building	1	EA	9,500.00	9,500.00	
DOOR 102A- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 03, PAINT DOOR TO MATCH PORCELAIN PANELS	Building	1	EA	5,350.00	5,350.00	
DOOR 103A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE A, FRAME STL, HARDWARE GROUP 04	Building	1	EA	1,700.00	1,700.00	
DOOR 104A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE A, FRAME STL, HARDWARE GROUP 05	Building	1	EA	1,700.00	1,700.00	
DOOR 105B- 3'-0" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL, w/GL-3 GLAZING, HARDWARE GROUP 07	Building	1	EA	5,250.00	5,250.00	
DOOR 106A- 3'-4" X 7'-0", STL/INS, PT FINISH, TYPE A, FRAME STL, w/GL-4 GLAZING, HARDWARE GROUP 07	Building	1	EA	5,600.00	5,600.00	
DOOR 106B- 3'-4" X 7'-0", STL/INS, PT FINISH, TYPE A, FRAME STL, w/GL-4 GLAZING, HARDWARE GROUP 06, 90 MIN RATING, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,600.00	5,600.00	

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
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Description	Category	Quantity	UM	Unit	Extended	Cost
DOOR 108A- 3'-4" X 7'-0" INS. PT FINISH, TYPE A, FRAME STL. w/GL-4 GLAZING, HARDWARE GROUP 06, 90 MIN RATING, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,500.00	5,500.00	
DOOR 109A- 3'-0" X 7'-0", SCW, PT FINISH, TYPE F, FRAME STL. w/GL-3 GLAZING, HARDWARE GROUP 13, 90 MIN RATING, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	7,500.00	7,500.00	
DOOR 110A- 3'-0" X 7'-0", STL, PT FINISH, TYPE E, FRAME STL. w/GL-3 GLAZING, HARDWARE GROUP 12, 12 GA DOOR AND FRAME, STAINLESS	Building	1	EA	5,500.00	5,500.00	
DOOR 111A- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE A, FRAME STL. w/GL-4 GLAZING, HARDWARE GROUP 08, 90 MIN RATING, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,200.00	5,200.00	
DOOR 111B- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL. w/GL-4 GLAZING, HARDWARE GROUP 05	Building	1	EA	4,650.00	4,650.00	
DOOR 112A- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE A, FRAME STL. w/GL-4 GLAZING, HARDWARE GROUP 06, 90 MIN RATING	Building	1	EA	5,050.00	5,050.00	
DOOR 112B- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE A, FRAME STL. w/GL-4 GLAZING, HARDWARE GROUP 07, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	5,000.00	5,000.00	
DOOR 114A- 8'-4" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL. HARDWARE GROUP 09, 90 MIN RATING	Building	1	EA	8,725.00	8,725.00	
DOOR 116B- 3'-0" X 7'-0", STL/INS, PT FINISH, TYPE B, FRAME STL. w/ GLAZING, HARDWARE GROUP 05, 90 MIN RATING, BULLET-RESISTANT DOOR AND FRAME	Building	1	EA	8,850.00	8,850.00	
DOOR 117B- 3'-0" X 7'-0", STL/GLASS, N/A FINISH, TYPE C, FRAME STL. w/GL-3 GLAZING, HARDWARE GROUP 07	Building	1	EA	5,250.00	5,250.00	
DOOR 119A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE A, FRAME STL, HARDWARE GROUP 04	Building	1	EA	1,700.00	1,700.00	
DOOR 120A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 11	Building	1	EA	1,700.00	1,700.00	
DOOR 122A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 11	Building	1	EA	1,700.00	1,700.00	
DOOR 123A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 11	Building	1	EA	1,700.00	1,700.00	
DOOR 124A- 3'-0" X 7'-0", SCW, CLEAR COAT FINISH, TYPE B, FRAME STL, HARDWARE GROUP 10	Building	1	EA	1,700.00	1,700.00	
Specialty Doors and Frames						\$ 37,400
Access Doors and Panels						
Access to Equipment Above Ceiling	Building	1	EA	400.00	400.00	
Coiling Doors and Grilles						
COILING OVERHEAD DOOR 107A- 17'-6" X 17'-6", ALUM, CLEAR ANOD FINISH, TYPE D, FRAME STL, HARDWARE GROUP 08	Building	1	EA	18,500.00	18,500.00	
COILING OVERHEAD DOOR 107B- 17'-6" X 17'-6", ALUM, CLEAR ANOD FINISH, TYPE D, FRAME STL, HARDWARE GROUP 08	Building	1	EA	18,500.00	18,500.00	
Windows						\$ 33,925
Metal Windows						
Exterior Windows-Blast/Wind Resistant						
Exterior Window, Type 1, 7'-2" Wide x 1'-6" Tall	Building	2	EA	3,225.00	6,450.00	
Exterior Window, Type 2, 3'-8" Wide x 1'-6" Tall	Building	4	EA	1,750.00	7,000.00	
Exterior Window, Type 6, 1'-6" Wide x 7'-2" Tall	Building	2	EA	3,225.00	6,450.00	
Exterior Window, Type 7, 4'-0" Wide x 1'-6" Tall	Building	4	EA	1,850.00	7,400.00	
Interior Window, Type 3, 2'-6" x 4' 9-1/2", Clear Laminated Glass	Building	1	EA	1,500.00	1,500.00	
Interior Window, Type 4, 2'-4" x 2'-4", Clear Laminated Glass	Building	1	EA	1,125.00	1,125.00	
Special Function Windows						
Interior Window, Type 5, 4'-0" x 4'-0", Bullet-Resistant	Building	1	EA	4,000.00	4,000.00	
Hardware						\$ 3,950
Door Hardware						
Weatherstripping at Doors	Building	15	EA	150.00	2,250.00	
Special Function Hardware						
Cypher Lock at Doors	Building	2	EA	850.00	1,700.00	
Louvers and Vents						\$ 3,450
Louvers						
Louver, Type 6, 1'-5" x 1'-5" w/Weather Hood	Building	2	EA	550.00	1,100.00	
Louver, Type 9, 1'-6" x 1'-6" w/Weather Hood	Building	2	EA	550.00	1,100.00	
Louver, Type 10, 4'-8" x 1'-6" w/Weather Hood w/Barometric Damper	Building	1	EA	1,250.00	1,250.00	
Division 9 - Finishes						\$ 190,288
Plaster and Gypsum Board						\$ 122,408
Plaster and Gypsum Board Assemblies						
Interior Wall Type W3, PGB w/Wire Mesh	Building	221	SF	8.50	1,878.50	
Interior Wall Type W4, PGB w/o Wire Mesh	Building	1,386	SF	6.00	8,316.00	
Interior Wall Type W6, PGB	Building	709	SF	7.50	5,317.50	
Interior Wall Type W7, PGB, Chase	Building	105	SF	15.00	1,575.00	
Interior Wall Type W8, PGB	Building	108	SF	6.50	702.00	
Interior Wall, Inside Face of Exterior Wall, at Restrooms and Janitor	Building	410	SF	6.50	2,665.00	
GWB Gypsum Wall Board Ceiling 2X SuperMax or Similar w/WW Mesh, 2 Layers	Building	91	SF	25.00	2,275.00	
GWB Gypsum Wall Board Ceilings	Building	88	SF	8.50	748.00	

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
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Description	Category	Quantity	UM	Unit	Extended	Cost
Furrowdown, 1'-0" Tall	Building	24	LF	10.00	240.00	
Cove at Exterior Ceiling/Glazing	Building	47	LF	15.00	705.00	
<b>Portland Cement Plastering</b>						
Stucco (EIFS) on ICF: Includes W5, W9, and W10 Wall Types	Building	6,329	SF	15.50	98,100.50	
Rigid Insulation, 1"	Building	6,329	SF	1.50	9,493.50	
Stucco/Lathe, Materials and Installation	Building	6,329	SF	10.50	66,456.75	
Impact/Moisture Resistant Gypsum Fiberglass Panel	Building	6,329	SF	2.25	14,241.15	
Additional Wall Components, Sealants, etc.	Building	6,329	SF	1.25	7,911.75	
<b>Tiling</b>						\$ 16,471
<b>Thin-Set Tiling</b>						
PWT Porcelain Wall Tile	Building	794	SF	11.50	9,131.00	
PWT Porcelain Wall Tile, at EWC	Building	40	SF	12.50	500.00	
PFT Porcelain Floor Tile	Building	404	SF	10.00	4,040.00	
PB Porcelain Wall Base	Building	224	LF	12.50	2,800.00	
<b>Ceilings</b>						\$ 7,976
<b>Acoustical Ceilings</b>						
ACT Acoustical Ceiling Tile	Building	1,528	SF	4.50	6,876.00	
ACT Acoustical Ceiling Tile w/Tie Downs	Building	200	SF	5.50	1,100.00	
<b>Flooring</b>						\$ 15,787
<b>Flooring Treatment</b>						
SC Sealed Concrete	Building	2,420	SF	3.75	9,075.00	
<b>Specialty Flooring</b>						
EM Entry Mat	Building	126	SF	20.00	2,520.00	
<b>Resilient Flooring</b>						
VCT Vinyl Composition Tile	Building	360	SF	4.25	1,530.00	
<b>Carpeting</b>						
CPT Carpet Tile	Building	74	SY	36.00	2,672.00	
<b>Wall Finishes</b>						\$ 12,249
<b>Wall Coverings</b>						
VW Vinyl Wallcoverings	Building	1,929	SF	5.00	9,645.00	
<b>Special Wall Surfacing</b>						
FRP Panels to 8'-0" AFF	Building	252	SF	3.00	756.00	
FRP, at Janitor Closet	Building	56	SF	3.00	168.00	
RB Rubber Base	Building	420	LF	4.00	1,680.00	
<b>Painting and Coating</b>						\$ 16,387
<b>Painting</b>						
PT Paint on Walls	Building	8,108	SF	1.25	10,134.38	
EXP Exposed Ceilings, Painted Structure, Ductwork, Grilles, and Diffusers	Building	2,101	SF	2.50	5,252.50	
<b>Division 10 - Specialties</b>						\$ 84,760
<b>Specialties</b>						\$ 6,000
<b>Common Work Results for Specialties</b>						
Bollard, 6" Dia x 3'-6" Tall	Building	8	EA	750.00	6,000.00	
<b>Information Specialties</b>						\$ 1,100
<b>Visual Display Surfaces</b>						
Tackboard, 3'-0" Wide	Building	1	EA	450.00	450.00	
Whiteboard, 3'-0" Wide	Building	1	EA	650.00	650.00	
<b>Interior Specialties</b>						\$ 75,335
<b>Partitions</b>						
Bullet Resistant Wall Panels	Building	465	SF	150.00	69,750.00	
<b>Wall and Door Protection</b>						
Corner Guard	Building	10	EA	85.00	850.00	
<b>Toilet, Bath, and Laundry Accessories</b>						
TA-Grab Bar Set	Building	3	EA	85.00	255.00	
TA-Mirror, Small	Building	3	EA	170.00	510.00	
TA-Paper Towel Dispenser / Waste Receptacle	Building	3	EA	415.00	1,245.00	
TA-Sanitary Napkin Dispenser / Waste Receptacle	Building	2	EA	115.00	230.00	
TA-Toilet Tissue Dispenser	Building	3	EA	90.00	270.00	
TA-Diaper Changing Station	Building	3	EA	700.00	2,100.00	
Mop Rack	Building	1	EA	125.00	125.00	
<b>Safety Specialties</b>						\$ 2,325
<b>Fire Protection Specialties</b>						
Fire Extinguisher, Recessed Wall-Mounted	Building	2	EA	600.00	1,200.00	
Fire Extinguisher, Wall-Mounted	Building	1	EA	375.00	375.00	
Knox Box	Building	1	EA	750.00	750.00	
<b>Division 11 - Equipment</b>						\$ 0
<b>Common Work Results for Equipment</b>						
Equipment - Vending - NIC or BY OTHERS	Building	1	EA			
Equipment - Copier - NIC or BY OTHERS	Building	1	EA			
Kennel - NIC or BY OTHERS	Building	1	EA			
Equipment - Recycling Bins in Cabinets - NIC or BY OTHERS	Building	1	EA			
<b>Residential Equipment</b>						\$ 0
<b>Residential Appliances</b>						
Appliance - NIC or BY OTHERS	Building	1	EA			
Appliance - NIC or BY OTHERS	Building	1	EA			

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
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Description	Category	Quantity	UM	Unit	Extended	Cost
<b>Division 12 - Furnishings</b>						\$ 700
Window Treatments						\$ 700
Window Shades						
Screening Roller Shades, at Manager NCIOC, 7'-0" Wide x 1'-6" Tall	Building	1	EA	350.00	350.00	
Screening Roller Shades, at Personnel Break 104, 7'-0" Wide x 1'-8" Tall	Building	1	EA	350.00	350.00	
Furniture						\$ 0
Institutional Furniture FF&E - BY OWNER or NIC	Building					
<b>Division 13 - Special Construction</b>						\$ 15,000
Special Construction						\$ 15,000
Common Work Results for Special Construction Carbon Monoxide and Nitrogen Dioxide Detection System	Building	1	LS	15,000.00	15,000.00	
<b>Division 21 - Fire Suppression</b>						\$ 0
Water-Based Fire-Suppression Systems						\$ 0
Fire-Suppression Sprinkler Systems Wet and/or Dry Pipe Fire Sprinkler Systems - NOT REQUIRED	Building					
<b>Division 22 - Plumbing</b>						\$ 80,544
Plumbing						\$ 16,002
Common Work Results for Plumbing Additional Plumbing Systems, Back of Wall	Building	4,572	SFF	3.50	16,002.00	
Plumbing Piping and Pumps						\$ 48,572
Facility Water Distribution						
Cold Water Line 1/2" Trap Primer	Building	58	LF	30.00	1,680.00	
Reduced Pressure Backflow Preventer	Building	1	EA	3,850.00	3,850.00	
Water Line 1"	Building	58	LF	40.00	2,240.00	
Water Line 1/2"	Building	201	LF	30.00	6,030.00	
Water Line 3/4"	Building	170	LF	35.00	5,950.00	
Water Line 1-1/2"	Building	78	LF	47.50	3,705.00	
Water Line 2"	Building	26	LF	60.00	1,560.00	
Water Meter 2"	Site	1	EA	1,800.00	1,800.00	
TSMV1, Thermostatic Mixing Valve, Central Circulation, 36 GPM	Building	1	EA	2,800.00	2,800.00	
TSMV1, Thermostatic Mixing Valve, Tepid Water, 13 GPM	Building	1	EA	1,980.00	1,980.00	
Facility Sanitary Sewerage						
Sanitary Vent Line 1-1/2"	Building	58	LF	13.50	798.50	
Sanitary Vent Line 2"	Building	95	LF	28.00	2,660.00	
Sanitary Venti Line 2-1/2"	Building	37	LF	31.50	1,165.50	
Sanitary Vent Line 4"	Building	17	LF	48.00	816.00	
Grease Drain Line 4"	Building	14	LF	26.00	364.00	
TD1, Trench Drain	Building	66	LF	150.00	9,900.00	
Double Grade Cleanout	Building	1	EA	325.00	325.00	
Grade Cleanout	Building	1	EA	200.00	200.00	
WCO Wall Cleanout	Building	3	EA	250.00	750.00	
Plumbing Equipment						\$ 1,010
Electric Domestic Water Heaters						
Q WH-1 Water Heater, 15 Gal, Electric	Building	1	EA	1,010.00	1,010.00	
Plumbing Fixtures						\$ 14,960
Commercial Plumbing Fixtures						
FD-1 Floor Drain 2"	Building	6	EA	275.00	1,650.00	
FD-1 Floor Drain 4"	Building	1	EA	400.00	400.00	
HB1 - 1/2" Hose Bib	Building	2	EA	165.00	330.00	
L1 Lavatory	Building	3	EA	625.00	1,875.00	
MSB1 Mop Sink Basin	Building	1	EA	400.00	400.00	
NFWH1 - 3/4" Wall Hydrant	Building	1	EA	285.00	285.00	
S1 Sink	Building	1	EA	550.00	550.00	
Thermostatic Mixing Valve	Building	1	EA	850.00	850.00	
WC1 Water Closet	Building	3	EA	900.00	2,700.00	
Emergency Plumbing Fixtures						
Q EEW1 Emergency Eye Wash	Building	1	EA	1,070.00	1,070.00	
Drinking Fountains and Water Coolers						
Q EWC1 - Electric Water Cooler	Building	1	EA	4,850.00	4,850.00	
<b>Division 23 - Heating, Ventilating, and Air-Conditioning (HVAC)</b>						\$ 118,765
Heating, Ventilating, and Air-Conditioning (HVAC)						\$ 11,430
Common Work Results for HVAC Additional HVAC Systems, Testing and Commissioning	Building	4,572	SFF	2.50	11,430.00	
HVAC Air Distribution						\$ 69,835
HVAC Ducts and Casings						
Ducts, Round and Rectangular, Galvanized	Building	3,130	LBS	6.50	20,345.00	
Flex Duct	Building	1	LS	1,075.00	1,075.00	
Air Duct Accessories						
AV1, Air Valve 595-795 CFM	Building	1	EA	950.00	950.00	
AV2, Air Valve 560-745 CFM	Building	1	EA	950.00	950.00	
AV3, Air Valve 120-160 CFM	Building	1	EA	950.00	950.00	
AV4, Air Valve 205-275 CFM	Building	1	EA	950.00	950.00	
AV5, Air Valve 105-140 CFM	Building	1	EA	950.00	950.00	
AV6, Air Valve 495-660 CFM	Building	1	EA	950.00	950.00	
AV7, Air Valve 320-425 CFM	Building	1	EA	950.00	950.00	

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Description	Category	Quantity	UM	Unit	Extended	Cost
AV8 Air Valve 2040-2720 CFM	Building	1	EA	1,950.00	1,950.00	
Diffuser - A - 110-200 CFM, 2x2 8" Neck	Building	3	EA	100.00	300.00	
Diffuser - A - 245-315 CFM, 2x2 10" Neck	Building	2	EA	150.00	300.00	
Diffuser - B - 100 CFM, 2x2 8" Neck	Building	2	EA	100.00	200.00	
Diffuser - B - 200-315 CFM, 2x2 10" Neck	Building	2	EA	150.00	300.00	
Diffuser - B - 50 CFM, 2x2 6" Neck	Building	5	EA	85.00	425.00	
Diffuser - C - 50 CFM, 2x2 6" Neck	Building	5	EA	85.00	425.00	
Diffuser - D - 115 CFM, 8x6 6" Neck	Building	2	EA	100.00	200.00	
Return Air Grille E 18x18	Building	1	EA	85.00	85.00	
Return Air Grille E 8x8	Building	2	EA	75.00	150.00	
Return Air Grille F 12x12	Building	1	EA	80.00	80.00	
<b>HVAC Fans</b>						
EAH-1 Air Hood Roof Mounted 440 CFM	Building	1	EA	3,500.00	3,500.00	
EF-1 Exhaust Fan, 75 CFM	Building	1	EA	320.00	320.00	
EF-2 Exhaust Fan, 75 CFM	Building	1	EA	320.00	320.00	
EF-3 Exhaust Fan, 75 CFM	Building	1	EA	320.00	320.00	
EF-4 Exhaust Fan, 35 CFM	Building	1	EA	220.00	220.00	
EF-5 Exhaust Fan, 75 CFM	Building	1	EA	320.00	320.00	
EF-6 Exhaust Fan, 105 CFM	Building	1	EA	350.00	350.00	
EF-7 Exhaust Fan, 735 CFM	Building	1	EA	850.00	850.00	
EF-8 Exhaust Fan, 735 CFM	Building	1	EA	850.00	850.00	
HVF-1 Ventilation Fan, 2600 CFM	Building	1	EA	1,750.00	1,750.00	
HVF-2 Ventilation Fan, 2600 CFM	Building	1	EA	1,750.00	1,750.00	
HVF-3 Ventilation Fan, 2600 CFM	Building	1	EA	1,750.00	1,750.00	
HVF-4 Ventilation Fan, 2600 CFM	Building	1	EA	1,750.00	1,750.00	
OAH-1 Air Hood Roof Mounted 2400 CFM	Building	1	EA	2,750.00	2,750.00	
SF-1 Supply Fan, 665 CFM	Building	1	EA	900.00	900.00	
SF-2 Supply Fan, 665 CFM	Building	1	EA	900.00	900.00	
<b>Special Exhaust Systems</b>						
Tail Pipe Exhaust System	Building	1	EA	15,000.00	15,000.00	
<b>Air Outlets and Inlets</b>						
WL-1 and WL-2, Intake Louver, 655 CFM, 18"x18"	Building	2	EA	450.00	900.00	
Louver, 4'-0" x 4'-0"	Building	3	EA	950.00	2,850.00	
<b>Decentralized HVAC Equipment</b>						\$ 37,500
<b>Decentralized Unitary HVAC Equipment</b>						
AHU-CU-1 - DX Split System With Heat Pump, 2800 CFM, 8 HP, AAOB V3, AAOB CF	Building	1	EA	22,500.00	22,500.00	
AHU-CU-2 - DX Split System, Wall Mount 335 CFM, LG	Building	1	EA	3,000.00	3,000.00	
<b>Radiant Heating Units</b>						
IRH Infra-Red Tube Heater, Ceiling Mounted	Building	8	EA	1,500.00	12,000.00	
<b>Division 25 - Integrated Automation</b>						\$ 1,665
<b>Integrated Automation Facility Controls</b>						\$ 1,665
Integrated Automation Control of HVAC Thermostat	Building	9	EA	185.00	1,665.00	
<b>Division 26 - Electrical</b>						\$ 329,796
<b>Electrical</b>						\$ 49,996
<b>Common Work Results for Electrical</b>						
Feeder, From ATS to Panel L, 2 Sets, 2 #350, #350N, #1/0G, 3-1/2" C	Building	25	LF	127.00	3,175.00	
Feeder, From Genset to ATS, 2 Sets, 2 #350, #350N, #1/0G, 3-1/2" C	Building	50	LF	127.00	6,350.00	
Feeder, From Panel L to UPS, 2 #4, #4N, #8G, 1-1/4" C	Building	25	LF	14.75	368.75	
Feeder, From UPS to Panel U, 2 #4, #4N, #8G, 1-1/4" C	Building	25	LF	14.75	368.75	
Feeder, From XFMR to ATS, 2 Sets, 2 #350, #350N, #1/0G, 3-1/2" C	Building	25	LF	127.00	3,175.00	
Grounding System, Exterior, #1/0 Building Loop, 4- Rods at Corners	Site	368	LF	5.00	1,840.00	
Grounding System, Interior	Building	1	LS	5,000.00	5,000.00	
Branch Wiring: Receptacles, Devices, and Lighting	Building	4,572	SFF	3.50	16,002.00	
Additional Electrical Systems	Building	4,572	SFF	3.00	13,716.00	
<b>Low-Voltage Electrical Distribution</b>						\$ 42,220
<b>Switchboards and Panelboards</b>						
Panelboard L, 600A, 240/120V	Building	1	EA	12,500.00	12,500.00	
Panelboard U, 60A, 240/120V	Building	1	EA	1,800.00	1,800.00	
<b>Power Distribution Units</b>						
Disconnect, 30A, for Equipmnt	Building	1	EA	550.00	550.00	
Disconnect, 60A, for Equipmnt	Building	8	EA	900.00	7,200.00	
Disconnect 400A	Building	1	EA	1,320.00	1,320.00	
Service Disconnect, 500A	Building	1	EA	2,500.00	2,500.00	
J Box	Building	16	EA	125.00	2,000.00	
J Box - In Floor	Building	3	EA	200.00	600.00	
Receptacle, Duplex	Building	46	EA	150.00	6,900.00	
Receptacle, Duplex GFI	Building	9	EA	185.00	1,665.00	
Receptacle, Duplex GFI WP	Building	4	EA	220.00	880.00	
Receptacle, Quad	Building	2	EA	220.00	440.00	
Switch for Air Valve Motor	Building	8	EA	155.00	1,240.00	
Switch for Exhaust Fan	Building	3	EA	155.00	465.00	
Switch for Overhead Door Motor	Building	3	EA	320.00	960.00	
<b>Low-Voltage Circuit Protective Devices</b>						
Surge Protection Device	Building	1	EA	950.00	950.00	

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
Laughlin Air Force Base, Texas  
New Building and Site Development  
100% Submittal: March, 2016**

Description	Category	Quantity	UM	Unit	Extended	Cost
<b>Facility Electrical Power Generating and Storing Equipment</b>						
--- \$ 92,000						
<b>Package Generator Assemblies</b>						
Generator, 150KW, 120/240, Diesel w/Outdoor Enclosure	Building	1	EA	65,000.00	65,000.00	
<b>Battery Equipment</b>						
UPS with Internal Bypass, 10KVA	Building	1	EA	17,500.00	17,500.00	
<b>Transfer Switches</b>						
ATS for Standby Generator, 600A, 3 Pole	Building	1	EA	9,500.00	9,500.00	
<b>Lighting</b>						
--- \$ 145,680						
<b>Interior Lighting</b>						
F1 - 2x2 Light Fixture in ACT Grid Ceiling	Building	9	EA	300.00	2,700.00	
F1 - 2x2 Light Fixture in Gypboard Ceiling	Building	22	EA	330.00	7,260.00	
F1E - 2x2 Light Fixture in ACT Grid Ceiling	Building	7	EA	355.00	2,485.00	
F1E - 2x2 Light Fixture in Gypboard Ceiling	Building	3	EA	365.00	1,095.00	
HB - 2x4 Light Fixture in Inspection Bay	Building	13	EA	750.00	9,750.00	
HB - 2x4 Light Fixture in Inspection Bay	Building	3	EA	825.00	2,475.00	
S1 - 1x4 Light Fixture	Building	9	EA	185.00	1,665.00	
X1 - Exit Light Fixture	Building	1	EA	150.00	150.00	
X2 - Exit Light Fixture	Building	2	EA	200.00	400.00	
<b>Lighting Controls</b>						
Switch Four Way	Building	4,572	SFF	1.43		
Switch Single	Building	1	EA	225.00	225.00	
Switch Three Way	Building	3	EA	150.00	450.00	
Switch Timer	Building	16	EA	200.00	3,200.00	
Switch Wall Mounted Occupancy Sensor	Building	1	EA	200.00	200.00	
Lighting Controls	Building	8	EA	200.00	1,600.00	
Lighting Controls	Building	1	EA	650.00	650.00	
<b>Exterior Lighting</b>						
Exterior Lighting Override Switch	Site	1	EA	650.00	650.00	
J Box	Site	5	EA	165.00	825.00	
Photo Electric Cell Mounted On Ceiling	Site	1	EA	750.00	750.00	
Site Lighting L 2 - P4	Site	1	EA	7,500.00	7,500.00	
Site Lighting L 4 - P4	Site	1	EA	7,500.00	7,500.00	
Site Lighting L 6 - P3	Site	1	EA	6,000.00	6,000.00	
Site Lighting L 8 - P2	Site	3	EA	4,200.00	12,600.00	
Site Lighting L10 - P2	Site	2	EA	4,200.00	8,400.00	
Site Lighting L12 - A	Site	1	EA	4,200.00	4,200.00	
Site Lighting L12 - P2	Site	1	EA	4,200.00	4,200.00	
Site Lighting L14 - P4	Site	1	EA	7,500.00	7,500.00	
Site Lighting L16 - P4	Site	1	EA	7,500.00	7,500.00	
Site Lighting L18 - P2	Site	2	EA	4,200.00	8,400.00	
Site Lighting WPE - L22	Site	5	EA	850.00	4,250.00	
Site Lighting, L-20 B	Site	20	EA	1,500.00	30,000.00	
Time Clock	Site	1	EA	600.00	600.00	
<b>Division 27 - Communications</b>						
--- \$ 21,948						
<b>Communications</b>						
--- \$ 21,948						
<b>Common Work Results for Communications</b>						
3/4" Conduit from J Box To Comm Room	Building	902	LF	4.50	4,059.00	
3/4" Conduit from J Box Up To Ceiling For Carbon Sensor	Building	102	LF	4.50	459.00	
Data Outlet	Building	28	EA	125.00	3,500.00	
Wall Mounted Controls for Drop Arm Barrier	Building	1	LS	2,500.00	2,500.00	
Communications Systems, Wiring and Connectivity	Building	4,572	SFF	2.50	11,430.00	
<b>Division 28 - Electronic Safety and Security</b>						
--- \$ 53,575						
<b>Electronic Surveillance</b>						
--- \$ 39,860						
<b>Video Surveillance</b>						
Security Systems, Wiring and Connectivity	Building	4,572	SFF	5.00	22,860.00	
Security Camera Infrastructure in Building	Building	4	EA	1,800.00	7,200.00	
Security Camera Infrastructure in Inspection Bay	Building	4	EA	1,800.00	7,200.00	
Speaker Ceiling Mounted	Building	13	EA	200.00	2,600.00	
<b>Electronic Detection and Alarm</b>						
--- \$ 13,716						
<b>Fire Detection and Alarm</b>						
Fire Alarm Systems	Building	4,572	SFF	3.00	13,716.00	
Fire Alarm Panel, Wall-Mounted- Included in Above	Building	1	EA			
<b>Division 31 - Earthwork</b>						
--- \$ 107,988						
<b>Earth Moving</b>						
--- \$ 107,988						
<b>Grading</b>						
Site Grading	Site	126,707	SF	0.25	31,676.75	
Excavation, at Building Foundation	Site	4,500	SF	9.45		
Remove Existing Materials, 3'-0" Deep, Stockpile Material	Building	584	CY	25.00	14,600.00	
Select Fill, Materials	Building	902	CY	17.00	15,334.00	
Select Fill, Place and Compact	Building	902	CY	15.00	13,530.00	
Earthen Swale	Site	669	LF	31.00	21,359.00	
<b>Erosion and Sedimentation Controls</b>						
Erosion Control for Offsite Water Line	Site	2,872	LF	4.00	11,488.00	
<b>Division 32 - Exterior Improvements</b>						
--- \$ 793,071						
<b>Exterior Improvements</b>						
--- \$ 21,420						
<b>Common Work Results for Exterior Improvements</b>						
Dumpster Bollards, 6" Dia	Site	2	EA	600.00	1,200.00	
Pipe Bollards, 6" Dia at Fire Hydrant	Site	4	EA	600.00	2,400.00	

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
Laughlin Air Force Base, Texas  
New Building and Site Development  
100% Submittal: March, 2016**

Description	Category	Quantity	UM	Unit	Extended	Cost
Double Swing Gate at Dumpster Enclosure	Site	2	PR	4,500.00	9,000.00	
Dumpster Enclosure (ICF/EIFS) W/Metal Coping Cap.	Site	32	LF	260.00	8,320.00	
Steel C Channel End Painted Cap at Dumpster Enclosure	Site	2	EA	250.00	500.00	
<b>Bases, Ballasts, and Paving</b>						\$ 506,866
<b>Rigid Paving</b>						
CJ Contraction Joint 1/2" x 2" Sawn Silicone Joint Sealant	Site	3,710	LF	7.00	25,970.00	
Concrete Apron At Sawtooth Curb	Site	56	SF	6.00	336.00	
Electric Gate Trough	Site	41	LF	35.00	1,435.00	
Gravel Road	Site	8,698	SF	2.25	19,570.50	
Heavy Duty Paving Say 6.5" 650 Flex, 4" Base Material, 6" Conditioned SG	Site	34,169	SF	9.50	290,436.50	
Heavy Duty Paving Say 6" Along Laughlin Road - NIC	Site	8,816	SF			
Light Duty Paving Say 6" Parking, 4" Base Material, 6" Conditioned SG	Site	11,429	SF	6.50	74,288.50	
RJ Restrained Joint, 1" Bar 16" Long, 12" OC	Site	477	LF	18.50	8,824.50	
TJ Thickened Edge Joint, 6" W x 5" D	Site	288	LF	17.50	5,040.00	
Barrier Free Ramp Surfacing	Site	193	SF	3.00	579.00	
Sidewalk	Site	3,506	SF	4.50	15,777.00	
<b>Aggregate Surfacing</b>						
Surfacing at Mechanical and Transformer/Generator Yard	Building	352	SF	3.50	1,232.00	
New Gravel Road, Use Onsite Recycled Materials	Site	10,995	SF	2.25	24,738.75	
<b>Curbs and Gutters</b>						
Sawtooth Curb	Site	39	LF	8.00	312.00	
Integral Curb	Site	3,066	LF	6.50	19,929.00	
Integral Curb Along Laughlin Road	Site	173	LF	6.00	1,038.00	
<b>Paving Specialties</b>						
Directional Arrow Markings	Site	10	EA	450.00	4,500.00	
Fire Lane Striping	Site	1,655	LF	2.00	3,310.00	
Gore Lines	Site	222	SF	4.50	999.00	
Parking Space Lines	Site	18	EA	25.00	450.00	
Stop Sign	Site	1	EA	400.00	400.00	
Reinstall Relocated Sign	Site	1	EA	200.00	200.00	
Truck Traffic Control Signals Infrastructure, Excludes Signaling Equipment	Site	3	EA	2,500.00	7,500.00	
<b>Site Improvements</b>						\$ 141,070
<b>Fences and Gates</b>						
Access Control Gate - Inspection Entry	Site	30	LF	150.00	4,500.00	
Access Control Gate At Perimeter Fencing	Site	16	LF	125.00	2,000.00	
Electric Gate - Inspection Exit	Site	42	LF	150.00	6,300.00	
Gate at Dumpster Enclosure	Site	14	LF	75.00	1,050.00	
New Fence	Site	1,292	LF	85.00	109,820.00	
New Fence Columns	Site	15	EA	650.00	9,750.00	
Pedestrian Gate	Site	1	EA	650.00	650.00	
Metal Bar Security Gate, 6'-6" x 7'-6" (PR)	Building	2	EA	3,500.00	7,000.00	
<b>Irrigation</b>						\$ 27,350
<b>Planting Irrigation</b>						
Irrigation Piping and Heads	Site	1	LS	25,000.00	25,000.00	
1" Irrigation Backflow Preventer	Site	1	EA	1,350.00	1,350.00	
1" Irrigation Meter	Site	1	EA	1,000.00	1,000.00	
<b>Planting</b>						\$ 66,365
<b>Planting Preparation</b>						
River Gravel	Site	17,870	SF	1.75	31,272.50	
River Rock	Site	1,363	SF	1.75	2,420.25	
<b>Plants</b>						
Lt Pink Desert Willow Trees	Site	14	EA	800.00	11,200.00	
Texas Mountain Laurel	Site	6	EA	650.00	3,900.00	
Perennials, Yuccas, Agaves, Succulents, Cacti, Sotols	Site	7,478	SF	2.50	18,695.00	
Proposed Native Desert Landscape Restoration, Swell/Bermed	Site	23,102	SF	1.25	28,877.50	
<b>Division 33 - Utilities</b>						\$ 490,863
<b>Water Utilities</b>						\$ 210,523
<b>Water Utility Distribution Piping</b>						
Air Release for 6" Water Line	Site	1	EA	650.00	650.00	
Cast Coupling, MJ for 6" Water Line	Site	1	EA	800.00	800.00	
Fire Hydrant	Site	1	EA	4,200.00	4,200.00	
Gate Valve 1"	Site	1	EA	265.00	265.00	
Gate Valve 2" With Box	Site	2	EA	365.00	770.00	
Gate Valve 6"	Site	1	EA	1,950.00	1,950.00	
Meter 1" With Box	Site	1	EA	1,200.00	1,200.00	
Meter 2" With Box	Site	1	EA	1,600.00	1,600.00	
Permanent Blow Off 2"	Site	1	EA	650.00	650.00	
Reducer ECC 6"x2" Water Line	Site	1	EA	385.00	385.00	
Tee 2" x 1" for Irrigation	Site	1	EA	365.00	365.00	
Tee for 6"x2" Water Line	Site	1	EA	650.00	650.00	
Tee for 6"x6" Water Line	Site	1	EA	1,250.00	1,250.00	
Water Line 1/16" MJ Bend 6", PVC	Site	6	EA	220.00	1,320.00	
Water Line 1/8" MJ Bend 6", PVC	Site	6	EA	220.00	1,320.00	
Water Line 2"	Site	146	LF	28.00	4,088.00	
Water Line 6", PVC	Site	3,151	LF	60.00	189,060.00	

**Statement of Probable Construction Costs  
LAFB WEST GATE DCC  
Laughlin Air Force Base, Texas  
New Building and Site Development  
100% Submittal: March, 2016**

Description	Category	Quantity	UM	Unit	Extended	Cost
<b>Wells</b>						
<b>Test Wells</b>					---	\$ 1,500
Sample Well (Test Well)	Site	1	EA	1,500.00	1,500.00	
<b>Sanitary Sewerage Utilities</b>						
<b>Sanitary Utility Sewerage Piping</b>					---	\$ 52,462
Double Grade Cleanout	Site	1	EA	300.00	300.00	
Oil Water Separator 500 Gal., 25 GPM, w/Monitoring Well	Site	1	EA	9,500.00	9,500.00	
Sanitary Line 4"	Site	150	LF	12.00	1,800.00	
Double Grade Cleanout	Site	1	EA	300.00	300.00	
Sanitary Drain 4"	Site	45	LF	12.00	552.00	
Septic System (200 GAL/Day); Includes Piping, Tanks (3 EA), Pumps, and Irrigation/Spray Fields	Site	1	LS	40,000.00	40,000.00	
<b>Storm Drainage Utilities</b>						
<b>Storm Utility Drainage Piping</b>					---	\$ 18,020
Grate Inlet 2x2	Site	2	EA	1,350.00	2,700.00	
Precast Headwall for 18" RCP	Site	1	EA	2,200.00	2,200.00	
18" RCP, Storm Sewer Line	Site	328	LF	40.00	13,120.00	
<b>Electrical Utilities</b>						
<b>Electrical Utility Transmission and Distribution</b>					---	\$ 24,265
J Box	Site	3	EA	200.00	600.00	
Power and Data to Gate Controller, 1" C	Site	131	LF	15.00	1,965.00	
Power and Data to Traffic Signage, 1" C	Site	162	LF	15.00	2,430.00	
2-4" Conduit From Transformer to Power Source	Site	163	LF	20.00	3,260.00	
<b>Utility Transformers</b>					---	
Franchise Utility Transformer and Connection, Single-Phase	Site	1	LS	16,000.00	16,000.00	
<b>Communications Utilities</b>						
<b>Communications Distribution</b>					---	\$ 184,113
Comm Ductbank 2-4"	Site	207	LF	20.00	4,140.00	
Comm Ductbank 2-4" Under Roadway	Site	44	LF	100.00	4,400.00	
Comm Manhole 4x4	Site	1	EA	4,800.00	4,800.00	
Fiber Optic Cable	Site	1	LS	167,843.00	167,843.00	
Power and Data to Gate Controller, 1" C	Site	131	LF	10.00	1,310.00	
Power and Data to Traffic Signage, 1" C	Site	162	LF	10.00	1,620.00	

**Charles Willis & Associates, Inc.**  
**Capital Division**  
**Bid Evaluation Summary**  
**West Gate DCC**  
**04-20-16**

**EVALUATOR**

<b>CRITERIA</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
<b>3.1</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>24</b>	<b>48</b>
<b>3.2</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>25</b>	<b>5</b>
<b>3.3</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>25</b>	<b>5</b>
<b>3.4</b>	<b>20</b>	<b>15</b>	<b>20</b>	<b>16</b>	<b>20</b>	<b>91</b>	<b>18.2</b>
<b>3.5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>25</b>	<b>5</b>
<b>3.6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>25</b>	<b>5</b>
<b>3.7</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>25</b>	<b>5</b>
<b>3.8</b>	<b>40</b>	<b>25</b>	<b>33</b>	<b>35</b>	<b>40</b>	<b>173</b>	<b>34.6</b>
<b>TOTAL SCORE</b>							<b>82.6</b>

**Charles Willis & Associates, Inc.**  
**Frontera Construction**  
**Bid Evaluation Summary**  
**West Gate DCC**  
**04-20-16**

**EVALUATOR**

<b>CRITERIA</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>TOTAL</b>	<b>AVERAGE</b>
<b>3.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>3.2</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>14</b>	<b>2.8</b>
<b>3.3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>13</b>	<b>2.6</b>
<b>3.4</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>20</b>	<b>20</b>	<b>80</b>	<b>16.0</b>
<b>3.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>3.6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>3.7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>3.8</b>	<b>45</b>	<b>40</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>235</b>	<b>47</b>
<b>TOTAL SCORE</b>							<b>68.4</b>

**Competitive Sealed Bid Evaluation Worksheet**

**PROJECT: Construction of LAFB West Gate DCC**

RESPONDENT'S NAME: SAMPLE

Requirements For Bid Proposal		Points	Score
3.1	Respondent's Safety Management Program for this Project _____	5	
3.2	Respondent's Ability to Provide Construction Services _____	5	
3.3	Respondent's Qualifications of Construction Team _____	5	
3.4	Respondent's Past Performance on Representative Projects _____	20	
3.5	Respondent's Planning and Scheduling for This Project _____	5	
3.6	Respondent's Quality Control and Commissioning for This Project _____	5	
3.7	Respondent's Warranty and Service Support Program for This Project _____	5	
3.8	Respondent's Pricing and Delivery Bid Proposal _____	50	

**TOTAL SCORE:** \_\_\_\_\_

Comments: \_\_\_\_\_  
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