

GENERAL SUMMARY

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest
Building Name: Visitor Center & Admin
Scope: Structural Metal Framing
Date: 21-Aug-26



VISITOR CENTER/ADMINISTRATION BUILDING

No. Of Floors: 2

BUILDING GSF 7,920

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	\$ 1,750	\$ 0.22
5000	METAL	\$ 15,185	\$ 1.92
TOTAL TRADE COST		\$ 16,935	\$ 2
OVERHEAD AND PROFIT	20%	\$ 3,387.04	\$ 0.43
INSURANCE	3%	\$ 508	\$ 0.06
CONTINGENCY	5%	\$ 847	\$ 0.11
TAX	4.5%	\$ 762	\$ 0.10
SUGGESTED BID		\$ 22,439	\$ 2.83

RESIDENTIAL WING

No. Of Floors: 2

BUILDING GSF 9,592

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	\$ 3,100	\$ 0.32
5000	METAL	\$ 26,924	\$ 2.81
TOTAL TRADE COST		\$ 30,024	\$ 3
OVERHEAD AND PROFIT	20%	\$ 6,004.76	\$ 0.63
INSURANCE	3%	\$ 901	\$ 0.09
CONTINGENCY	5%	\$ 1,501	\$ 0.16
TAX	4.5%	\$ 1,351	\$ 0.14

SUGGESTED BID	\$	39,782	\$	4.15
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MAINTENANCE BUILDING				
No. Of Floors:		1		
BUILDING GSF		7,757		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	
1000	GENERAL REQUIREMENTS	\$ 1,750	\$ 0.23	
5000	METAL	\$ 15,064	\$ 1.94	
TOTAL TRADE COST		\$ 16,814	\$ 2	
OVERHEAD AND PROFIT		20%	\$ 3,362.87	\$ 0.43
INSURANCE		3%	\$ 504	\$ 0.07
CONTINGENCY		5%	\$ 841	\$ 0.11
TAX		4.5%	\$ 757	\$ 0.10
SUGGESTED BID		\$ 22,279	\$ 2.87	

VEHICLE STORAGE BUILDING				
No. Of Floors:		1		
BUILDING GSF		4,972		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	
1000	GENERAL REQUIREMENTS	\$ 1,100	\$ 0.22	
2000	EXISTING CONDITIONS	\$ 271	\$ 0.05	
5000	METAL	\$ 4,511	\$ 0.91	
TOTAL TRADE COST		\$ 5,882	\$ 1	
OVERHEAD AND PROFIT		20%	\$ 1,176.46	\$ 0.24
INSURANCE		3%	\$ 176	\$ 0.04
CONTINGENCY		5%	\$ 294	\$ 0.06
TAX		4.5%	\$ 265	\$ 0.05
SUGGESTED BID		\$ 7,794	\$ 1.57	

HOUSING BLOCK A

No. Of Floors: 1

BUILDING GSF 8,849

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	\$ 1,825	\$ 0.21
2000	EXISTING CONDITIONS	\$ 2,034	\$ 0.23
5000	METAL	\$ 8,401	\$ 0.95
TOTAL TRADE COST		\$ 12,260	\$ 1
OVERHEAD AND PROFIT	20%	\$ 2,452.01	\$ 0.28
INSURANCE	3%	\$ 368	\$ 0.04
CONTINGENCY	5%	\$ 613	\$ 0.07
TAX	4.5%	\$ 552	\$ 0.06
SUGGESTED BID		\$ 16,245	\$ 1.84

HOUSING BLOCK C

No. Of Floors: 1

BUILDING GSF 17,724

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	\$ 2,075	\$ 0.12
2000	EXISTING CONDITIONS	\$ 2,034	\$ 0.11
5000	METAL	\$ 15,871	\$ 0.90
TOTAL TRADE COST		\$ 19,980	\$ 1
OVERHEAD AND PROFIT	20%	\$ 3,996.02	\$ 0.23
INSURANCE	3%	\$ 599	\$ 0.03
CONTINGENCY	5%	\$ 999	\$ 0.06
TAX	4.5%	\$ 899	\$ 0.05
SUGGESTED BID		\$ 26,474	\$ 1.49

COVERED WALKWAY CANOPY**BUILDING GSF****487**

DIVISION NO.		DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000		GENERAL REQUIREMENTS	\$ 600	\$ 1.23
2000		EXISTING CONDITIONS	\$ 1,085	\$ 2.23
5000		METAL	\$ 1,294	\$ 2.66
TOTAL TRADE COST			\$ 2,979	\$ 6
OVERHEAD AND PROFIT		20%	\$ 595.71	\$ 1.22
INSURANCE		3%	\$ 89	\$ 0.18
CONTINGENCY		5%	\$ 149	\$ 0.31
TAX		4.5%	\$ 134	\$ 0.28
SUGGESTED BID			\$ 3,947	\$ 8.10

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
 Building Name: Visitor Center & Admin
 Scope: Structural Metal Framing



ACE SERVICES

DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	35.000	\$ 50.00	\$ 1,750.00	\$ -	\$ 1,750.00	\$ 1,750
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	1,750

METAL

STRUCTURAL FRAMING													
			POSTS										
8			HSS4x4x1/4 Steel Post (11'-0" H, 2 EA)	LBS	269	10%	295	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 966
			BEAMS										
9			HSS4x3x1/4 Steel Beam - 40 LF	LBS	420	10%	462	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 1,512
10			HSS4x4x1/4 Steel Beam - 89 LF	LBS	1087	10%	1195	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 3,909
11			HSS8x4x1/4 Steel Beam - 20 LF	LBS	390	10%	418	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 1,368
12			HSS3x3x1/4x6" L Stub - 15 EA	LBS	66	10%	73	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 238
13			W8x10 Steel Beam - 9 LF	LBS	90	10%	99	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 324
14			W10x12 Steel Beam - 20 LF	LBS	240	10%	264	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 863
			ANGLES										
15			L6x4x5/16 Steel Angle - 40 LF	LBS	412	10%	453	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 1,482
16			L4x4x1/4 Steel Angle - 25 LF	LBS	165	10%	182	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 594
			ROOF DECK										
17			20 GA x 1.5 B Steel Roof Deck	SF	51	10%	56	0.030	\$ 76.00	\$ 2.28	\$ 3.44	\$ 5.72	\$ 321
18			18 GA x 1.5VL-36 Grade 50 Metal Deck	SF	96	10%	106	0.030	\$ 76.00	\$ 2.28	\$ 4.12	\$ 6.40	\$ 676
			STEEL PLATES										
19			(4" x 4" x 1/2") Steel End Plate	EA	15	0%	15	0.370	\$ 76.00	\$ 28.09	\$ 18.48	\$ 46.57	\$ 699
20			(20" x 4" x 5/8") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Threaded Rods	EA	2	0%	2	1.265	\$ 76.00	\$ 96.17	\$ 70.30	\$ 166.47	\$ 333
21			(8" x 8" x 1/2") Steel Cap Plate W/ (4) 3/4" Dia Bolts	EA	2	0%	2	1.094	\$ 76.00	\$ 83.16	\$ 54.71	\$ 137.87	\$ 276
22			(6" x 6" x 1/2") Steel End Plate W/ (4) 3/4" Dia Bolts	EA	1	0%	1	0.672	\$ 76.00	\$ 51.10	\$ 33.62	\$ 84.72	\$ 85
23			5/16" Thk Shear Plate W/ (2) 3/4" Dia Bolts	EA	4	0%	4	0.540	\$ 76.00	\$ 41.07	\$ 27.02	\$ 68.09	\$ 272
24			(7" x 11" x 1/2") Steel End Plate W/ (4) 1/2" Dia ACR-1 Anchors	EA	1	0%	1	1.103	\$ 76.00	\$ 83.80	\$ 55.13	\$ 138.93	\$ 139
25			(8" x 9" x 1/2") Steel End Plate W/ (4) 1/2" Dia x 6 ACR-1 Anchors	EA	2	0%	2	1.039	\$ 76.00	\$ 78.96	\$ 51.95	\$ 130.91	\$ 262
26			(4" x 8" x 5/16") Shear Tab W/ (2) 3/4" A325-N Bolts	EA	1	0%	1	0.491	\$ 76.00	\$ 37.31	\$ 24.55	\$ 61.86	\$ 62
			BOLTS										
27			1/2" Dia x 4" Epoxy Bolts	EA	21	0%	21	0.110	\$ 76.00	\$ 8.36	\$ 9.86	\$ 18.22	\$ 383
28			3/4" Dia x 6 Epoxy Anchor Bolts	EA	4	0%	4	0.145	\$ 76.00	\$ 11.02	\$ 12.59	\$ 23.61	\$ 94
29			1/2" Dia x 4" DP WHS	EA	20	0%	20	0.110	\$ 76.00	\$ 8.36	\$ 8.08	\$ 16.44	\$ 329
SUBTOTAL												\$	15,185

PROJECTED COST

\$16,935

OVERHEAD AND PROFIT

20%

\$3,387

INSURANCE

3%

\$508

CONTINGENCY

5%

\$847

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
 Building Name: Visitor Center & Admin
 Scope: Structural Metal Framing



ACE SERVICES

DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
											TAX	4.5%	\$762
SUGGESTED BID												\$22,439	

DETAILED BREAKDOWN OF ITEMS									
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Building Name: Residential Wing

1



DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	62.000	\$ 50.00	\$ 3,100.00	\$ -	\$ 3,100.00	\$ 3,100
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -

SUBTOTAL	\$	3,100
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METAL

[illegible]

SUBTOTAL \$		26,924
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	PROJECTED COST	\$30,024
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\$30,024

	OVERHEAD AND PROFIT	20%	\$6,005
	INSURANCE	3%	\$901
	CONTINGENCY	5%	\$1,501
	TAX	4.5%	\$1,351

SUGGESTED BID

\$39,782

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
 Building Name: Maintenance Building
 Scope: Structural Metal Framing



ACE SERVICES

DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	35.000	\$ 50.00	\$ 1,750.00	\$ -	\$ 1,750.00	\$ 1,750
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	1,750
METAL													
			STRUCTURAL FRAMING										
			POSTS										
8			HSS4x4x1/4 Steel Post (11'-0" H, 2 EA)	LBS	269	10%	295	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 966
			STEEL PLATES										
9			(6" x 9" x 5/8") Steel Base Plate W/ (4) 5/8" Dia x 8" Epoxy Threaded Rods	EA	2	0%	2	1.150	\$ 76.00	\$ 87.42	\$ 57.51	\$ 144.93	\$ 290
10			(14" x 5" x 5/8") Steel Cap Plate W/ (4) 3/4" Dia Bolts	EA	2	0%	2	1.180	\$ 76.00	\$ 89.64	\$ 62.08	\$ 151.72	\$ 303
			BEAMS										
11			C10x20 Steel Beam - 25 LF	LBS	500	10%	550	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 1,799
			ANGLES										
12			L6x4x5/16 Steel Angle - 5 LF	LBS	52	10%	57	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 185
13			L8x4x7/16 Steel Angle - 12 LF	LBS	215	10%	236	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 773
			CONNECTIONS										
14			WT4x7.5 Stub	EA	4	0%	4	0.750	\$ 76.00	\$ 57.00	\$ 65.63	\$ 122.63	\$ 491
15			1/2" Dia x 4" Epoxy Bolts	EA	3	0%	3	0.110	\$ 76.00	\$ 8.36	\$ 9.86	\$ 18.22	\$ 55
16			3/4" Dia Thru Bolts	EA	6	0%	6	0.145	\$ 76.00	\$ 11.02	\$ 13.66	\$ 24.68	\$ 148
			SHADE STRUCTURE FRAMING										
			POSTS										
17			W10x30 Steel Post (12'-0" H, 3 EA)	LBS	1080	10%	1188	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 3,885
			BEAMS										
18			W8x21 Steel Beam - 28 LF	LBS	588	10%	647	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 2,115
19			HSS2-1/2x2x3/16 Steel Beam - 28 LF	LBS	139	10%	153	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 500
			DECK										
20			Steel Deck	SF	250	10%	275	0.030	\$ 76.00	\$ 2.28	\$ 3.44	\$ 5.72	\$ 1,573
			STEEL PLATES										
21			(9" x 18" x 1") Steel Base Plate W/ (4) 5/8" Dia x 12" Anchor Rods	EA	3	0%	3	1.337	\$ 76.00	\$ 101.61	\$ 89.13	\$ 190.74	\$ 572
22			(12" x 12" x 1/2") Steel Base Plate W/ (4) 1/2" Dia Bolts	EA	3	0%	3	1.348	\$ 76.00	\$ 102.47	\$ 89.89	\$ 192.36	\$ 577
23			(7" x 11" x 1/2") Steel End Plate W/ (4) 1/2" Dia ACR-1 Anchors	EA	6	0%	6	1.103	\$ 76.00	\$ 83.80	\$ 55.13	\$ 138.93	\$ 834

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
 Building Name: Maintenance Building
 Scope: Structural Metal Framing



ACE SERVICES

DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
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SUBTOTAL \$ 15,064

PROJECTED COST

\$16,814

OVERHEAD AND PROFIT 20% \$3,363

INSURANCE 3% \$504

CONTINGENCY 5% \$841

TAX 4.5% \$757

SUGGESTED BID

\$22,279

[illegible]

Building Name: Vehicle Storage Bldg.



Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	22.000	\$ 50.00	\$ 1,100.00	\$ -	\$ 1,100.00	\$ 1,100
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ 1,100

		EXISTING CONDITIONS	
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			DEMOLITION										
8	S101	Plan Notes	Remove Existing Steel Column (12'-0" H)	EA	1	0%	1	4.800	\$ 56.50	\$ 271.20	\$ -	\$ 271.20	\$ 271
												SUBTOTAL \$	271

METAL

[illegible]

	PROJECTED COST	\$5,882
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	OVERHEAD AND PROFIT	20%	\$1,176
	INSURANCE	3%	\$176
	CONTINGENCY	5%	\$294
	TAX	4.5%	\$265
SUGGESTED BID			\$7,794

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
Building Name: Housing Block A
Scope: Structural Metal Framing



DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
				GENERAL REQUIREMENTS									
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	36.500	\$ 50.00	\$ 1,825.00	\$ -	\$ 1,825.00	\$ 1,825
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	1,825

	EXISTING CONDITIONS
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			EXISTING CONDITIONS										
			DEMOLITION										
8	S102	Plan Notes	Remove Existing Steel Column (9'-0" H)	EA	10	0%	10	3.600	\$ 56.50	\$ 203.40	\$ -	\$ 203.40	\$ 2,034
												SUBTOTAL	\$ 2,034

			STRUCTURAL FRAMING										
	S301, S501, S502, S503	Plan Notes	POSTS										
9			HSS5x2x1/4 Steel Post (9'-0" H, 6 EA)	LBS	568	10%	624	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 2,041
10			HSS3x3x3/16 Steel Post (9'-0" H, 6 EA)	LBS	371	10%	408	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 1,334
			STEEL PLATES										
11			(5-1/2" x 6-1/2" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor Bolts	EA	6	0%	6	0.532	\$ 76.00	\$ 40.43	\$ 26.60	\$ 67.03	\$ 402
12			(6" x 6" x 3/8") Steel Base Plate W/ (2) 6" ACR1 Anchor	EA	6	0%	6	0.535	\$ 76.00	\$ 40.64	\$ 26.74	\$ 67.38	\$ 404
			CONNECTIONS										
13			L8x8x1/2x0'-10" W/ (2) 5" ACR-3 Anchors - 48 EA	LBS	1035	10%	1139	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 3,724
14	L4x4x3/16x0'-4" Angle Connection W/1/2" Dia x 3" Lag Screw - 48 EA	LBS	122	10%	135	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 440		
15	L3x3x3/16x0'-4" Angle Connection W/(2) #10" x 1/3" Screws - 12 EA	LBS	15	10%	17	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 54		
												SUBTOTAL \$	8.40

	PROJECTED COST	\$12,260
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PROJECTED COST			\$12,200
		OVERHEAD AND PROFIT	20%
			\$2,452
		INSURANCE	3%
			\$368
		CONTINGENCY	5%
			\$613
		TAX	4.5%
			\$552
SUGGESTED BID			\$16,245

DETAILED BREAKDOWN OF ITEMS

Project Name: Rehabilitate Painted Desert Community Complex, Petrified Forest National Park, AZ 86028
 Building Name: Walkway Canopy
 Scope: Structural Metal Framing



ACE SERVICES

DESIGN - ESTIMATE - DELIVER

Date: 21-Aug-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
GENERAL REQUIREMENTS														
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
6			Temporary Control & Facilities	LS	1	0%	1	12.000	\$ 50.00	\$ 600.00	\$ -	\$ 600.00	\$ 600	
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL													\$ 600	
EXISTING CONDITIONS														
			DEMOLITION											
8	S101	Plan Notes	Remove Existing Steel Column (9'-0" H)	EA	2	0%	2	3.600	\$ 56.50	\$ 203.40	\$ -	\$ 203.40	\$ 407	
9			C6x8.2 Steel Beam To Be Removed	LF	16	0%	16	0.750	\$ 56.50	\$ 42.38	\$ -	\$ 42.38	\$ 678	
SUBTOTAL													\$ 1,085	
METAL														
			STRUCTURAL FRAMING											
	S201	Plan Notes	BEAMS											
10			C6x8.2 Steel Beam - 16 LF	LBS	131	10%	144	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 472	
11			W8x10 Steel Beam - 15 LF	LBS	150	10%	165	0.020	\$ 76.00	\$ 1.52	\$ 1.75	\$ 3.27	\$ 540	
			CONNECTIONS											
12			(4" x 12" x 5/8") Steel Bearing Plate W/ (2) 3/4" Dia x 6" Epox	EA	2	0%	2	0.835	\$ 76.00	\$ 63.43	\$ 41.73	\$ 105.16	\$ 210	
13			(4" x 6" x 1/4") End Plate	EA	2	0%	2	0.310	\$ 76.00	\$ 23.58	\$ 12.41	\$ 35.99	\$ 72	
SUBTOTAL													\$ 1,294	
PROJECTED COST														
												OVERHEAD AND PROFIT	20%	\$596
												INSURANCE	3%	\$89
												CONTINGENCY	5%	\$149
												TAX	4.5%	\$134
SUGGESTED BID													\$3,947	