

GENERAL SUMMARY

Project Name: NPC KAYENTA CENTER NORTHLAND PIONEER COLLEGE
Project ID: 1033-05
Scope: CONCRETE



BUILDING GSF 8,860
SITE GSF 3,500

DIVISION NO.		DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000		GENERAL REQUIREMENTS	\$ 9,842	\$ 1.11
3000		CONCRETE	\$ 122,444	\$ 13.82
32000		EXTERIOR IMPROVEMENTS	\$ 43,581	\$ 12.45
TOTAL TRADE COST			\$ 175,867	\$ 27
OVERHEAD AND PROFIT		15%	\$ 26,380	\$ 4.11
INSURANCE		1.5%	\$ 2,638	\$ 0.41
CONTINGENCY		2%	\$ 3,517	\$ 0.55
TAX		5%	\$ 7,914	\$ 1.23
SUGGESTED BID			\$ 216,317	\$ 33.68

DETAILED BREAKDOWN OF ITEMS

Project Name: NPC KAYENTA CENTER NORTHLAND PIONEER COLLEGE KAYENTA, AZ 86033
Project ID: 1033-05
Scope: CONCRETE



ACE SERVICES

Date: 29-Oct-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ 49.21	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ 49.21	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ 49.21	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	25.000	\$ 49.21	\$ 1,230.25	\$ -	\$ 1,230.25	\$ 1,230
5			Mobilization Costs	LS	1	0%	1	75.000	\$ 49.21	\$ 3,690.75	\$ -	\$ 3,690.75	\$ 3,691
6			Temporary Control & Facilities	LS	1	0%	1	100.000	\$ 49.21	\$ 4,921.00	\$ -	\$ 4,921.00	\$ 4,921
7			Scaffolding	LS	1	0%	1	0.000	\$ 49.21	\$ -	\$ -	\$ -	\$ -
SUBTOTAL												\$	9,842

CONCRETE

			FOOTINGS												
			PAD FOOTINGS												
8	G000-S501	Plan Notes	F-4 Footing -4500 PSI (EA: 11) Size: 4'-0W" x 4'-0"L x 1' D	CY	7	10%	7	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 2,746		
9			Reinforce W/#5(10)	LBS	459	10%	505	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 867		
10			Excavation	CY	15	10%	16	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 238		
11			Backfill	CY	8	10%	9	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 88		
12			Formwork	SF	176	10%	194	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 333		
13			F-5 Footing -4500 PSI (EA:2) Size: 5'-0W" x 5'-0"L x 1'-4" D	CY	2	10%	3	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 1,038		
14			Reinforce W/#5(24)	LBS	250	10%	275	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 473		
15			Excavation	CY	5	10%	5	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 78		
16			Backfill	CY	2	10%	3	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 26		
17			Formwork	SF	53	10%	59	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 101		
18			F-6 Footing -4500 PSI (EA:2) Size: 6'-0W" x 6'-0"L x 1'-4" D	CY	4	10%	4	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 1,494		
19			Reinforce W/#5(28)	LBS	350	10%	385	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 662		
20			Excavation	CY	6	10%	7	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 102		
21			Backfill	CY	3	10%	3	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 30		
22			Formwork	SF	64	10%	70	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 121		
					CONTINUOUS FOOTING										
23					WF 2-0 Continuous Concrete Footing -4500 PSI Size: 2'-0" W x 1'-0" D x 400' L	CY	30	10%	33	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 12,484
24					Reinforce W/#4(3)	LBS	1002	10%	1102	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 1,894
25					Excavation	CY	59	10%	65	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 962
26					Backfill	CY	30	10%	33	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 321
27					Formwork	SF	800	10%	880	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 1,516
28					WF 3-0 Continuous Concrete Footing Size: 3'-0" W x 1'-0" D x 180' L	CY	20	10%	22	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 8,427
29					Reinforce W/#4(2)	LBS	601	10%	661	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 1,136
30					Excavation	CY	33	10%	37	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 541
31					Backfill	CY	13	10%	15	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 144
32					Formwork	SF	360	10%	396	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 682
33					#4 Dowel @ 18" OC , Epoxy Grouted In 5/8" x 6" Deep Hole	LBS	1043	10%	1148	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 1,972
					SLAB										
34					5" Thk Concrete Slab On Grade - 4500 PSI	SF	8860	10%	9746	0.044	\$ 49.21	\$ 2.17	\$ 4.01	\$ 6.18	\$ 60,207
35					15 Mil Vasquez	SF	8860	10%	9746	0.003	\$ 49.21	\$ 0.15	\$ 0.33	\$ 0.48	\$ 4,655
36					4" A.B.C (Aggregate Base Course) Layer	CY	108	10%	119	0.275	\$ 49.21	\$ 13.53	\$ 32.50	\$ 46.03	\$ 5,483
37					Reinforce W/#3 @ 16" O.C E.W	LBS	6274	10%	6901	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 11,858

DETAILED BREAKDOWN OF ITEMS

Project Name: NPC KAYENTA CENTER NORTHLAND PIONEER COLLEGE KAYENTA, AZ 86033
 Project ID: 1033-05
 Scope: CONCRETE



Date: 29-Oct-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
38			Slab Control Joint @ 12'-0" O.C	LF	738	10%	812	0.042	\$ 49.21	\$ 2.07	\$ -	\$ 2.07	\$ 1,679
39			1/2" Preformed Joint Filler	LF	40	10%	44	0.030	\$ 49.21	\$ 1.48	\$ 0.46	\$ 1.94	\$ 85

SUBTOTAL \$ 122,444

EXTERIOR IMPROVEMENTS

			SIDEWALKS										
			CONCRETE SIDEWALK										
40			4" Thick Concrete Sidewalk MAG STD DET 230 - 4500 PSI	SF	2760	10%	3036	0.042	\$ 49.21	\$ 2.07	\$ 3.21	\$ 5.28	\$ 16,020
41			Reinf w/#3 Bars @18"O.C Each Way	LBS	1384	10%	1522	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 2,615
42			4" Thk A.B.C Concrete Texture	CY	34	10%	37	0.275	\$ 49.21	\$ 13.53	\$ 32.50	\$ 46.03	\$ 1,708
43			1/4" Deep Expansion Joint @ 24'-0"	LF	115	10%	127	0.035	\$ 49.21	\$ 1.72	\$ 0.77	\$ 2.49	\$ 315
44			-1/2" Bituminous Joint Filler	LF	552	10%	607	0.042	\$ 49.21	\$ 2.07	\$ -	\$ 2.07	\$ 1,255
45			1/4" Thk Sawcut Control Joint @ 5'-0"	LBS	90	10%	99	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 170
			#5x18" Smooth Dowels @ 2'-0" End Wrapped										
			CONCRETE CURB										
46			6" W x 6" H Concrete Curb -12"x6" Gutter MAG STD DET 220-1, Type A -4500PSI	LF	10	10%	11	0.145	\$ 49.21	\$ 7.14	\$ 16.34	\$ 23.48	\$ 258
47			6" W Single Concrete Curb MAG STD DET 222, Type A -4500 PSI	LF	670	10%	737	0.105	\$ 49.21	\$ 5.17	\$ 9.21	\$ 14.38	\$ 10,596
			CONCRETE RAMP										
48			4" Thk Concrete Ramp -4500 PSI	SF	35	10%	39	0.042	\$ 49.21	\$ 2.07	\$ 3.21	\$ 5.28	\$ 203
			CONCRETE FOOTINGS										
			SIGN POST										
49			1' Dia x 1'-6" H Concrete Footing (EA:2)	CY	1	10%	1	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 421
50			Excavation	CY	2	10%	2	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 32
51			Backfill	CY	1	10%	1	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 11
52			Formwork	SF	9	10%	10	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 18
			FENCE POST										
53			Size: 2'-0" Dia x 2' H Concrete Footing (EA :30)	CY	7	10%	8	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 2,940
54			Excavation	CY	16	10%	17	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 255
55			Backfill	CY	9	10%	10	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 94
56			Formwork	SF	377	10%	414	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 714
			DUMPSTER ENCLOSURE										
			CONCRETE PAD AND WALL FOOTING										
57			6" Thk Concrete Pad	SF	320	10%	352	0.046	\$ 49.21	\$ 2.26	\$ 4.81	\$ 7.08	\$ 2,492
58			4" A.B.C (Aggregate Base Course) Layer	CY	4	10%	4	0.275	\$ 49.21	\$ 13.53	\$ 32.50	\$ 46.03	\$ 198
59			#4 Bars @ 18" O.C.E.W	LBS	285	10%	314	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 539
60			1'-4" W x 1' D Concrete Footing	CY	3	10%	3	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 1,328
61			(3)#5 Bars Cont.	LBS	200	10%	220	0.015	\$ 49.21	\$ 0.74	\$ 0.98	\$ 1.72	\$ 378
			BOLLARDS FOOTING										
62			6" Dia Bollard Footing (EA: 6) Size: 2' Dia x 2' H	CY	1	10%	1	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 421
63			Excavation	CY	2	10%	2	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 32
64			Backfill	CY	1	10%	1	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 11
65			Formwork	SF	75	10%	83	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 143
			DUMPSTER ENCLOSURE GATE POSTS										
66			2' Dia x 1'-6" H Concrete Footing (EA: 4)	CY	1	10%	1	2.500	\$ 49.21	\$ 123.03	\$ 260.00	\$ 383.03	\$ 294
67			Excavation	CY	2	10%	2	0.300	\$ 49.21	\$ 14.76	\$ -	\$ 14.76	\$ 32
68			Backfill	CY	1	10%	1	0.200	\$ 49.21	\$ 9.84	\$ -	\$ 9.84	\$ 14

G000-S501

Plan Notes

DETAILED BREAKDOWN OF ITEMS

Project Name: NPC KAYENTA CENTER NORTHLAND PIONEER COLLEGE KAYENTA, AZ 86033
 Project ID: 1033-05
 Scope: CONCRETE



ACE SERVICES

Date: 29-Oct-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
69			Formwork	SF	38	10%	41	0.035	\$ 49.21	\$ 1.72	\$ -	\$ 1.72	\$ 71
			Electrical Poles Footing Are Not Included In This Estimate Because Electrical Site Plans Are Missing And We Don't Have Their Quantities As Par Plans,Plz Confirm It										
SUBTOTAL \$												43,581	
PROJECTED COST												\$175,867	
OVERHEAD AND PROFIT												15%	\$26,380
INSURANCE												1.5%	\$2,638
CONTINGENCY												2%	\$3,517
TAX												4.5%	\$7,914
SUGGESTED BID												\$216,317	