

13 34 Fabricated Engineered Structures

13 34 23 – Fabricated Structures

13 34 23.60 Portable Booths		Daily Crew	Labor- Output	Hours	Unit	Material	2022 Bare Costs		Total	Total Ind O&P
1300	4' x 6'				Ea.	6,700			6,700	7,375
13 34 23.70 Shelters										
0010 SHELTERS										
0020	Aluminum frame, acrylic glazing, 3' x 9' x 8' high	2 Sswk	1.14	14.035	Ea.	3,700	870		4,570	5,375
0100	9' x 12' x 8' high		.73	21.918		7,275	1,350		8,625	10,100
1000	Gable end shelter, 16' x 32', 8' eave ht, excl. footings, slab, anchors		.68	23.529		13,200	1,450		14,650	16,900
1050	Gable end shelter, 30' x 64', 8' eave ht, excl. footings, slab, anchors	↓	.34	47.059	↓	41,200	2,900		44,100	49,800

13 34 43 – Aircraft Hangars

13 34 43.50 Hangars										
0010 HANGARS Prefabricated steel T hangars, galv. steel roof & walls, incl. electric bi-folding doors										
0110	not including floors or foundations, 4 unit	E-2	1275	.044	SF Flr.	14.20	2.69	1.95	18.84	22
0130	8 unit		1063	.053		12.35	3.23	2.33	17.91	21
0900	With bottom rolling doors, 4 unit		1386	.040		13.20	2.47	1.79	17.46	20.50
1000	8 unit	↓	966	.058	↓	10.95	3.55	2.57	17.07	20
Alternate pricing method:										
1300	Galv. roof and walls, electric bi-folding doors, 4 plane	E-2	1.06	52.830	Plane	17,700	3,225	2,350	23,275	27,000
1500	8 plane		.91	61.538		13,200	3,775	2,725	19,700	23,300
1600	With bottom rolling doors, 4 plane		1.25	44.800		19,200	2,750	1,975	23,925	27,500
1800	8 plane	↓	.97	57.732	↓	13,800	3,525	2,550	19,875	23,400
2000	Circular type, prefab., steel frame, plastic skin, electric									
2010	door, including foundations, 80' diameter									

13 34 53 – Agricultural Structures

13 34 53.50 Silos										
0010 SILOS										
0500	Steel, factory fab., 30,000 gallon cap., painted, economy	L-5	1	56	Ea.	24,700	3,500	2,100	30,300	34,900
0700	Deluxe		.50	112		39,400	6,975	4,175	50,550	58,500
0800	Epoxy lined, economy		1	56		40,500	3,500	2,100	46,100	52,000
1000	Deluxe	↓	.50	112	↓	51,500	6,975	4,175	62,650	72,000

13 34 56 – Observatories

13 34 56.15 Domes										
0010 DOMES										
0020	Domes, rev. alum., elec. drive, for astronomy obsv. shell only, stock units									
0600	10'-6" diameter	2 Carp	.25	64	Ea.	46,900	3,600		50,500	57,000
0900	18'-6" diameter		.17	94.118		68,500	5,300		73,800	83,000
1200	24'-6" diameter	↓	.08	200	↓	139,000	11,300		150,300	169,500

13 34 63 – Natural Fiber Construction

13 34 63.50 Straw Bale Construction										
0010 STRAW BALE CONSTRUCTION										
2020	Straw bales in walls w/modified post and beam frame	G	2 Carp	320	.050	S.F.	7.10	2.82	9.92	12

13 36 Towers

13 36 13 – Metal Towers

13 36 13.50 Control Towers										
0010 CONTROL TOWERS										
0020	Modular 12' x 10', incl. instruments				Ea.	813,000			813,000	894,000
0500	With standard 40' tower				"	1,250,500			1,250,500	1,375,500
1000	Temporary portable control towers, 8' x 12',									