

ALCOA 40 - Concession Stand Conversion to Restroom and Pavilion

		Qty	Unit	Unit \$	Total Cost	
Pavilion Foot Print Area (48 x 42)		2016 Sq Ft	Cost per Sq/ft	\$80 Sq Ft	\$161,280	
Task	Description				Breakdown Cost	
Demolition						
	Removal of Roof Structure (5 Personnel - 2 Days)	80 Hrs	Cost per/Hr	\$50 per Sq Ft	\$4,000	\$1.98 per Sq ft
	Restrictive removal of 8"x16" Block (CMU) Walls (5 personnel - 4 Days)	160 Hrs	Cost per/Hr	\$50 per Sq Ft	\$8,000	\$3.97 per Sq ft
	Milling of Concrete Slab (3 personnel - 1 Day)	24 Hrs	Cost per/Hr	\$50 per Sq Ft	\$1,200	\$0.60 per Sq ft
	Concrete sawing around existing plumbing for replacement	16 Hrs	Cost per/Hr	\$50 per Sq Ft	\$800	\$0.40 per Sq ft
					<u>\$14,000</u>	<u>\$6.94 per Sq ft</u>
Modification of Existing Structure						
PLUMBING						
	Rebuilding of Drains/Plumbing in restroom area (2 plumbers - 2 days)	32 Hrs	Cost per/Hr	\$120 per Sq Ft	\$3,840	\$1.90 per Sq ft
	Materials for Plumbing/Drain	1 Lot	\$ per Lot	\$2,500 Ea	\$2,500	\$1.24 per Sq ft
					<u>\$6,340</u>	<u>\$3.14 per Sq ft</u>
ELECTRICAL						
	Electrical - Electrician for Installation of new 200 Amp Load Center & Runs	80 Hrs	Cost per/Hr	\$120 per Sq Ft	\$9,600	\$4.76 per Sq ft
	Material - 200 Amp Load Center w/Breakers	1 Lot	\$ per Lot	\$500 Ea	\$500	\$0.25 per Sq ft
	Material - Armored Flex Conductors - 12/3 w/g - 1000 ft	1 Lot	\$ per Lot	\$500 Ea	\$500	\$0.25 per Sq ft
	Material - GFI Outlets, Terminals, Switches, Enclosures, Covers, Etc.	1 Lot	\$ per Lot	\$2,000 Ea	\$2,000	\$0.99 per Sq ft
	Material - Allowance for Light Fixtures	1 Lot	\$ per Lot	\$2,000 Ea	\$2,000	\$0.99 per Sq ft
	Material - Allowance for Fans	1 Lot	\$ per Lot	\$1,000 Ea	\$1,000	\$0.50 per Sq ft
	Material - Allowance for Electrical Space Heaters (antifreeze only)	1 Lot	\$ per Lot	\$2,000 Ea	\$2,000	\$0.99 per Sq ft
					<u>\$17,600</u>	<u>\$8.73 per Sq ft</u>
MASONRY						
	Masonry - Mason to rebuild interior Wall, Bonding Beam, Lentils, Caps, Etc.	320 Hrs	Cost per/Hr	\$50 per Sq Ft	\$16,000	\$7.94 per Sq ft
	Material - CMU 8x8x16 Standard	1400 Ea	Cost Each	\$2 Ea	\$2,464	\$1.22 per Sq ft
	Material - CMU 4x8x16 Standard	120 Ea	Cost Each	\$2 Ea	\$236	\$0.12 per Sq ft
	Material - Allowance for Mortar Blend	1 Lot	\$ per Lot	\$1,000 Ea	\$1,000	\$0.50 per Sq ft
	Material - Allowance for Reinforcing steel & Anchors	1 Lot	\$ per Lot	\$1,500 Ea	\$1,500	\$0.74 per Sq ft
					<u>\$21,200</u>	<u>\$10.52 per Sq ft</u>
FOUNDATION						
	Foundation - Support Footings for Building Columns (Cut, Form, Pour, etc)	320 Hrs	Cost per/Hr	\$50 per Sq Ft	\$16,000	\$7.94 per Sq ft
	Material - Allowance for Reinforcing steel & Anchors	1 Lot	\$ per Lot	\$1,500 Ea	\$1,500	\$0.74 per Sq ft
	Material - Allowance for Forming Material	1 Lot	\$ per Lot	\$1,000 Ea	\$1,000	\$0.50 per Sq ft
	Material - Concrete 4000 psi	10 cu yd	\$ per yd	\$300 per yd	\$3,000	\$1.49 per Sq ft
					<u>\$21,500</u>	<u>\$10.66 per Sq ft</u>
					<u>Subtotal of Modification =</u>	<u>\$66,640</u>
						<u>\$33 per Sq ft</u>
Independent Metal Structure/Roof						
	Prefabricated Metal Roof Structure	2016 Sq Ft	Cost per Sq/Ft	\$40 per Sq Ft	\$80,640	\$40.00 per Sq ft
	With Custom Structural Steel Shape Columns					
	K- Style Bar Joist - 44 ft Long on 2 foot Centers - 26					
	20 Guage - Standing Seam Metal Roof					
	Standard Structural Shape Headers w/knee braces					
	20 Guage - 6" Z- Purlins					
	Shop Primed with Red					
Grand Estimated TOTAL =					\$161,280	