6/28/18

Cost Estimate - 30 ft ramp

Div	Item	QTY	Unit	Cost/Unit	Cost	
03	**Concrete**					
	concrete	5.1	cy	310.00	1,581.00	
	forms	180	sfca	20.00	3,600.00	
	4" slab	152	sf	7.00	1,064.00	
	rebar	630	lb	2.50	1,575.00	
	wall finish	360	sf	4.00	1,440.00	
					subtotal	9,260.00
05	**Metals**					
	guardrail					
	handrail	60	lf	220.00	13,200.00	
					subtotal	13,200.00
31	**Earthwork**					
	excavation	16	cy	40.00	640.00	
	grade	150	sf	1.00	150.00	
	gravel	1.5	cy	60.00	90.00	
	shoring					
					subtotal	880.00
					subtotal	**23,340.00**
	contingency			10%	2,334.00	
	index to construction start			5%	1,167.00	
	gen conditions / ins / bond			13%	3,034.20	
	OH & Profit			5%	1,167.00	
					subtotal	7,702.20
					total const cost	**31,042.20**

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Cost Estimate - 45 ft ramp

Div	Item	QTY	Unit	Cost/Unit	Cost		
03	**Concrete**						
	concrete	11	cy	310.00	3,410.00		
	forms	450	sfca	20.00	9,000.00		
	4" slab	212	sf	7.00	1,484.00		
	rebar	302	lb	2.50	755.00		
	wall finish	450	sf	4.00	1,800.00		
						subtotal	16,449.00
05	**Metals**						
	guardrail						
	handrail	90	lf	220.00	19,800.00		
						subtotal	19,800.00
31	**Earthwork**						
	excavation	40	cy	40.00	1,600.00		
	grade	260	sf	1.00	260.00		
	gravel	2	cy	60.00	120.00		
	shoring						
						subtotal	1,980.00
						subtotal	**38,229.00**
	contingency			10%	3,822.90		
	index to construction start			5%	1,911.45		
	gen conditions / ins / bond			13%	4,969.77		
	OH & Profit			5%	1,911.45		
						subtotal	12,615.57
						total const cost	**50,844.57**

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Cost Estimate - 60 ft ramp

Div	Item	QTY	Unit	Cost/Unit	Cost		
03	**Concrete**						
	concrete	15	cy	310.00	4,650.00		
	forms	840	sfca	20.00	16,800.00		
	4" slab	272	sf	7.00	1,904.00		
	rebar	504	lb	2.50	1,260.00		
	wall finish	840	sf	4.00	3,360.00		
						subtotal	27,974.00
05	**Metals**						
	guardrail						
	handrail	120	lf	220.00	26,400.00		
						subtotal	26,400.00
31	**Earthwork**						
	excavation	50	cy	40.00	2,000.00		
	grade	340	sf	1.00	340.00		
	gravel	3	cy	60.00	180.00		
	shoring	1	ea	5000.00	5,000.00		
						subtotal	7,520.00
						subtotal	**61,894.00**
	contingency			10%	6,189.40		
	index to construction start			5%	3,094.70		
	gen conditions / ins / bond			13%	8,046.22		
	OH & Profit			5%	3,094.70		
						subtotal	20,425.02
						total const cost	**82,319.02**