Profitability Analysis of Projects Using Dragon Screed

Assumptions: Dirt is level and ready to add subgrade material

200 YARD PROJECT

Width of Pour (ft)	20	Price Per Square Foot (Bid)	$6
Length of Pour (ft)	540	Cost Per Yard of Concrete	$105
Depth of Pour (ft)	0.5	Cost of Labor per hour	$50
Square Footage	10800	Cubic Yards of Concrete	200

	Traditional Subgrade & Screed Estimate			Dragon Screed Subgrade & Screed Estimate			Variance	
	# of Employees	Time (hrs)	Cost	# of Employees	Time (hours)	Cost	Time (hrs)	Cost
Forms			$1,080			$1,080		0
Rebar			$2,160			$2,160		0
Subgrade material (gravel)			$3,240			$3,240		0
Concrete (material & delivery)			$21,000			$21,000		0
Setup	8	32	$12,800	6	24	$7,200	512	$5,600
Pour	8	32	$12,800	8	8	$3,200	208	$9,600
Total		512	$53,080		208	$37,880		
Bid on Project			$64,800			$64,800		
Profit on Project			**$11,720**			**$26,920**		
INCREASE IN PROFIT USING DRAGON SCREED							**304**	**$15,200**

100 YARD PROJECT

Width of Pour (ft)	20	Price Per Square Foot (Bid)	$6
Length of Pour (ft)	270	Cost Per Yard of Concrete	$105
Depth of Pour (ft)	0.5	Cost of Labor per hour	$50
Square Footage	5400	Cubic Yards of Concrete	100

	Traditional Subgrade & Screed Estimate			Dragon Screed Subgrade & Screed Estimate			Variance	
	# of Employees	Time (hrs)	Cost	# of Employees	Time (hours)	Cost	Time (hrs)	Cost
Forms			$540			$540		0
Rebar			$1,080			$1,080		0
Subgrade material (gravel)			$1,620			$1,620		0
Concrete (material & delivery)			$10,500			$10,500		0
Setup	6	24	$7,200	5	16	$4,000	304	$3,200
Pour	8	20	$8,000	6	8	$2,400	128	$5,600
Total		304	$28,940		128	$20,140		
Bid on Project			$32,400			$32,400		
Profit on Project			**$3,460**			**$12,260**		
INCREASE IN PROFIT USING DRAGON SCREED							**176**	**$8,800**

50 YARD PROJECT

Width of Pour (ft)	20	Price Per Square Foot (Bid)	$7
Length of Pour (ft)	135	Cost Per Yard of Concrete	$105
Depth of Pour (ft)	0.5	Cost of Labor per hour	$50
Square Footage	2700	Cubic Yards of Concrete	50

	Traditional Subgrade & Screed Estimate			Dragon Screed Subgrade & Screed Estimate			Variance	
	# of Employees	Time (hrs)	Cost	# of Employees	Time (hours)	Cost	Time (hrs)	Cost
Forms			$270			$270		0
Rebar			$540			$540		0
Subgrade material (gravel)			$810			$810		0
Concrete (material & delivery)			$5,250			$5,250		0
Setup	5	24	$6,000	5	16	$4,000	160	$2,000
Pour	5	8	$2,000	5	6	$1,500	110	$500
Total		160	$14,870		110	$12,370		
Bid on Project			$18,900			$18,900		
Profit on Project			**$4,030**			**$6,530**		
INCREASE IN PROFIT USING DRAGON SCREED							**50**	**$2,500**

25 YARD PROJECT

Width of Pour (ft)	20		Price Per Square Foot (Bid)	$8	
Length of Pour (ft)	67.5		Cost Per Yard of Concrete	$105	
Depth of Pour (ft)	0.5		Cost of Labor per hour	$50	
Square Footage	1350		Cubic Yards of Concrete	25	

	Traditional Subgrade & Screed Estimate			Dragon Screed Subgrade & Screed Estimate			Variance	
	# of Employees	Time (hrs)	Cost	# of Employees	Time (hours)	Cost	Time (hrs)	Cost
Forms			$135			$135		0
Rebar			$280			$280		0
Subgrade material (gravel)			$421			$421		0
Concrete (material & delivery)			$2,625			$2,625		0
Setup	5	16	$4,000	5	12	$3,000	110	$1,000
Pour	5	6	$1,500	5	5	$1,250	85	$250
Total		110	$8,961		85	$7,711		
Bid on Project			$10,800			$10,800		
Profit on Project			**$1,839**			**$3,089**		
INCREASE IN PROFIT USING DRAGON SCREED							**25**	**$1,250**