

Construction Estimate and Profit Example

Input Variables					Output Variables	
New_Building_Cost	Demolition	Engineering	Environmental	Equipment_Rentals	Expected_Profit	Total_Estimate
486,114	172,173	112,078	32,606	99,856	106,891	\$993,109
476,139	182,620	114,880	30,075	99,255	106,734	\$993,266
498,409	172,003	114,793	27,302	99,219	97,102	\$1,002,898
486,454	175,036	115,166	36,999	98,072	97,100	\$1,002,900
471,650	191,310	113,835	35,072	100,827	96,035	\$1,003,965
478,251	177,398	115,550	37,915	104,101	95,463	\$1,004,537
477,622	180,970	118,542	34,655	101,530	95,349	\$1,004,651
472,728	199,616	116,802	21,841	103,522	94,040	\$1,005,960
494,499	172,864	113,318	34,567	99,802	93,444	\$1,006,556
492,373	186,276	113,581	22,723	100,542	92,955	\$1,007,045
492,600	175,561	113,019	33,946	100,451	92,866	\$1,007,134
494,778	173,063	113,351	34,089	100,448	92,698	\$1,007,302
471,464	189,211	113,010	38,033	104,848	91,777	\$1,008,223
485,302	182,721	111,833	40,022	99,949	88,190	\$1,011,810
494,467	187,061	113,380	25,242	100,429	87,362	\$1,012,638
473,148	186,119	120,636	40,599	100,097	87,340	\$1,012,660
502,351	180,101	115,279	22,689	100,203	87,314	\$1,012,686
507,626	169,055	111,370	32,604	102,529	84,498	\$1,015,502
490,256	175,664	116,043	40,225	101,659	83,768	\$1,016,232
478,573	204,182	112,990	27,227	100,902	83,738	\$1,016,262
486,069	185,070	114,074	36,445	102,857	83,034	\$1,016,966
495,016	185,237	113,830	32,197	98,764	82,450	\$1,017,550
488,225	181,377	118,769	35,707	101,139	82,262	\$1,017,738
486,322	179,656	113,475	43,947	101,869	82,204	\$1,017,796
500,232	178,636	114,071	34,120	98,347	82,054	\$1,017,946
493,387	179,704	114,851	36,963	100,624	81,919	\$1,018,081
508,450	174,555	111,321	30,915	100,623	81,550	\$1,018,450
502,337	187,835	112,008	23,054	101,585	80,500	\$1,019,500
484,174	183,391	112,501	44,682	102,384	80,154	\$1,019,846
502,917	176,369	114,707	33,852	99,969	79,404	\$1,020,596

Above is just a partial listing. A total of 5000 simulations were actually run