ENGINUITY TUTORIAL



% Of A Job Completed

% Of A Job Completed

The **% Of A Job Completed** on the Job Details does not always equate to the measured value recovered on a job in relation to the original bid value.

We will take a closer look at this anomaly.



% Of A Job Completed

🎉 Job 167 (In progress)

Navigate to "Main menu/Measuring performance/Assessing performance/Job performance/Job details"

Management consultants report Risk analysis

JOB SUMMARY

JOB PROGRESS



Period identified: 7

Country: United States

Location: New York City, New York

Type: Build Only

BIM model used: No

Size: Medium

Approx value: 11,000,000

Duration: 3 periods

Description: Replace onshore wind turbines

Sector: Energy

Client: First Wind USA Treraits

ESTIMATED COSTS / PLANNED LABOUR SCHEDULE

Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,678,701	535,740	46	30
2	4,464,501	892,900	77	80
3	1,785,800	357,160	31	100
	8,929,002	1,785,800	154	

RISK REGISTER

Risk description	Likelihood occurs	Impact cost	Reduction in cost if BIM used	labour	
Incomplete survey	Low	55,000	No	2.4 %	
Site access issues	Low	173,000	No	2.6 %	
Leaks	Medium	49,000	No	2.1 %	
Site cabins burn down	Low	71,000	No	6.9 %	

PROCUREMENT DETAILS

BID SUBMITTED

Estimated build cost: 8,929,002

Estimated site cost: 1,785,800

On cost: 134,946

Mark-up: 4.1 %

Bid: 11,294,590 ?

BID RESULT

Job won

Tender Report

BIDDING INFORMATION

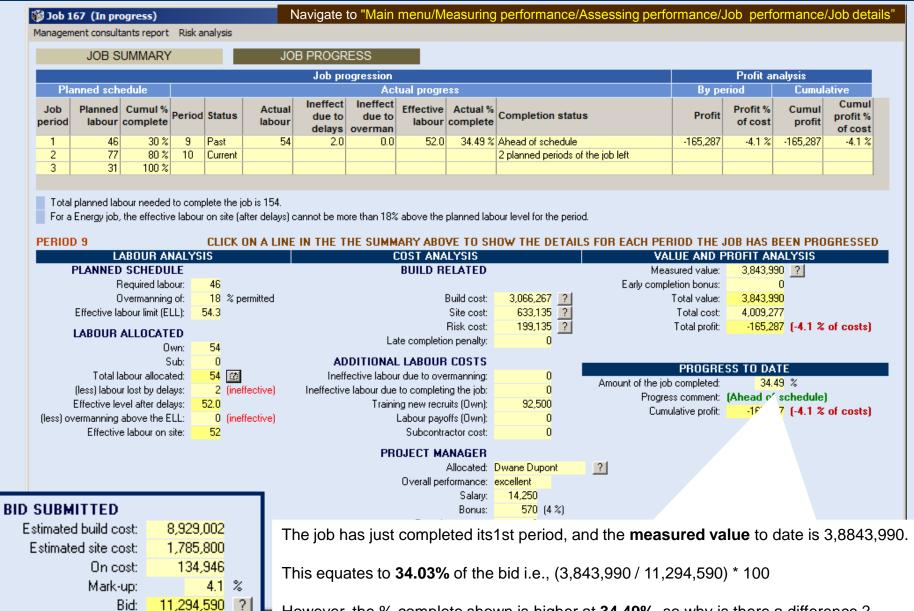
The client relationship when bid subrr
When progressing the job the expevalue (turnover) for each man period 73,341

A job was won with a bid of 11,294,590



Bid:

% Of A Job Completed



However, the % complete shown is higher at 34.49%, so why is there a difference?



% Of A Job Completed

WOverhead Performance

Navigate to "Main menu/Measuring performance/Assessing performance/Overhead performance"

Management consultant report

MARKETING DEPARTMENT

HEAD OFFICE / QHSE / MEASUREMENT

			Head Office			QHSE				Measurement				
		Number of staff		taff		Number of staff				Number of staff				
Period	Status	Turnover Bench	Comp	Agen	Total	Comment	Comp	Agen	Total	Comment	Comp	Agen	Total	Comment
1	History	0	0	0	0		0	0	0		0	0	0	
2	History	0	0	0	0		0	0	0		0	0	0	
3	History	5,371,986	3	0	3		2	0	2		2	0	2	
4	History	12,329,080 YES	3	0	3		2	0	2		2	0	2	
5	Early Years	9,938,009	3	0	3		3	0	3		3	0	3	
6	Early Years	12,281,120	4	0	4		3	0	3		3	0	3	
7	Early Years	16,280,720	5	0	5		4	0	4		4	0	4	
8	Early Years	14,671,130	5	0	5		3	0	3		3	0	3	
9	Early Years	18,394,660	2	0	2	Significant understaffing	1	0	1	Significant understaffing	1	0	1	Significant understaffing

INFORMATION

Period 4 should be used as the benchmark when determining the staffing level required

"Comp" is the company's own staff; "Agen" are agency staff

No comment indicates that the staffing levels set were appropriate

The % complete is derived from the actual amount of the job completed to date, and not the measured value.

The Overhead performance shows that the Measurement Department was significantly understaffed in the period, and this led to less money been recovered from the client than expected, and the full value from the jobs progressed was not recovered from the client.