


# ENGINEUNITY TUTORIAL



## Job Details

# Job Details

**Job 74 (At the procurement stage)**

 Period identified: 4  
Country: France  
Location: Paris  
Type: Design & Build  
BIM model used: Yes  
Size: Medium  
Approx value: 10,000,000  
Duration: 3 periods  
Description: New shooting range in Le Bourget commune  
Sector: Building & Commercial  
Client: Paris Olympic Group (Paris 2024)

**JOB NUMBER**

A unique number that identifies a job, ranging from 1 (earliest jobs) onwards.

period	build cost	site cost	labour	complete
1	2,382,118	476,423	86	30
2	3,970,196	794,039	143	80
3	1,588,078	317,616	57	100
	7,940,392	1,588,078	286	

Estimated design cost: 11 % of build cost


**RISK REGISTER**

Risk description	Likelihood occurs	Impact cost	Reduction in cost if BIM used	Expected labour reduction
Structural defects	Medium	106,000	Yes	2.8 %
Additional planning requirements	Low	146,000	No	6.1 %
Personnel issues	High	40,000	No	2.6 %
Incomplete design	Low	65,000	Yes	2.7 %



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**Job 74 (At the procurement stage)**



Period identified: 4  
 Country: France  
 Location: Paris  
 Type: Design & Build  
 BIM model used: Yes  
 Size:   
 Approx value:   
 Duration:   
 Description: **PERIOD IDENTIFIED**  
 The period in which the company identified the job through marketing effort.  
 Sector: Building & Commercial  
 Client: Paris Olympic Group

**ESTIMATED COSTS / PLANNED LABOUR SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,382,118	476,423	86	30
2	3,970,196	794,039	143	80
3	1,588,078	317,616	57	100
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Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,382,118	476,423	86	30
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**COUNTRY/LOCATION**  
 Where the job is located.



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Period identified: 4  
 Country: France  
 Location: Paris  
 Type: Design & Build  
 BIM model used: es  
 Approx: 1,000,000  
 periods  
 new shooting range in Le Bourget commune  
 Building & Commercial  
 Paris Olympic Group

## TYPE

There are two types of job :-

- **BO (Build Only)**; traditional type of job where the client is responsible for the design, if appropriate, and the contractor is only responsible for the build.
- **DB (Design and Build)**; the contractor has responsibility for both the design and the build.

7,940,392 1,588,078 286


Estimated design cost: 11 % of build cost

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# Job Details

Job 74 (At the procurement stage)
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Period identified: 4

Country: France

Location: Paris

Type: Design & Build

BIM model used: Yes

Size: Medium

Approx value: 10,000,000

Duration: 3 periods

Description: New shopping centre in Le Bourget commune

Sector: Building & Construction

Client: Paris Olympic Committee

### ESTIMATED COSTS / PLANNED LABOUR

Job period	Estimated build cost	Estimated site cost	Planned labour
1	2,382,118	476,423	1
2	3,970,196	794,039	1
3	1,588,078	317,616	1
<b>Total</b>	<b>7,940,392</b>	<b>1,588,078</b>	<b>2</b>

Estimated design cost: 11 % of build cost

### RISK REGISTER

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## SIZE


The size is based upon the approximate value :-

- **Small** (range 1-6 million)
- **Medium** (range 7-13 million)
- **Large** (range 14-25 million)



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Period identified: 4

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Location: Paris

Type: Design & Build

BIM model used: Yes

Size: Medium

Approx value: 10,000,000

Duration: 3 periods

Description: New shooting range in Le Bourget commune

Sector: Building & Commercial

Client: Paratopic Group

**ESTIMATED COSTS / PLANNED LABOR SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Planned labor	Actual %
1	2,382,118	476,423		30
2	3,970,196	794,039		70
3	1,588,078	317,616		10
<b>7,940,392</b>				

Estimated design

APPROXIMATE VALUE

The anticipated cost of the job rounded to the nearest million.


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 Size: Medium  
 Approx value: 10,000,000  
 Duration: 3 periods  
 Description: New shooting range in Le Bourget commune  
 Sector: Building - Commercial  
 Client: Paris Olympic Committee

**ESTIMATED COSTS / PLANNED LABOUR SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,382,118	476,423	86	
2	3,970,196	794,039	143	
3	1,588,078	317,616	57	
	7,940,392	1,588,078	286	

Estimated design cost: 11 % of build cost

**RISK REGISTER**

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## DURATION


The planned duration of the job, from 2 to 5 periods.





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 Sector: Building & Commercial  
 Client: Paris Olympic Group

**ESTIMATED COSTS / PLANNED LABOUR SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Planned labour	%
1	2,382,118	476,422		
2	3,970,196	794,039		
3	1,588,078	317,616		
	7,940,392	1,588,078		

**DESCRIPTION**  
 A brief description of what the job entails.

Estimated design cost: 11 % of build cost

**RISK REGISTER**

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BIM model used: Yes

Size: Medium

Approx value: 10,000,000

Duration: 3 periods

Description: New shooting range in Le Bourget commune

Sector: Building & Commercial

Client: Paris Olympic Group Details

**ESTIMATED COSTS / PLANNED LABOUR**

Job period	Estimated build cost	Estimated site cost
1	2,382,118	476,423
2	3,970,196	794,039
3	1,588,078	317,616
7,940,392		1,588,078

Estimated design cost: 11

**RISK REGISTER**

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**SECTOR**


Each job falls into one of 5 sectors :-

- Industrial
- Building and Commercial
- Transport
- Energy
- Water and Sewage



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 Duration: 3 periods  
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 Sector: Building & Commercial  
 Client: Paris Olympic Group [Details](#)

**ESTIMATED COSTS / PLANNED R SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Cumul % complete
1	2,382,118	476,424	30
2	3,970,196	715,536	80
3	1,588,078	0	100

**CLIENT**

The public or private-sector organisation for whom the job is being carried out.


**RISK REGISTER**

Risk description	Likelihood occurs	Impact cost	Reduction in cost if BIM used	Expected labour reduction
Structural defects	Medium	106,000	Yes	2.8 %
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 Approx. value: 7,000

## BIM

Indication of whether or not BIM (Building Information Modelling) is being used for the job.

### ESTIMATED COSTS / PLANNED LABOUR SCHEDULE

Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,382,118	476,423	86	30
2	3,970,196	794,039	143	80
3	1,588,078	317,616	57	100

7,940,392	1,588,078	286
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Estimated design cost: 11 % of build cost


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Estimated design cost: 11 % of build cost

**RISK REGISTER**

Incomplete design	Low	60,000	Yes	2.7 %
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**LABOUR MANNING**

The total number of man periods required to complete the job, and the planned labour manning period by period to complete the job on time.



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 Client: Paris Olympic Group [Details](#)

**ESTIMATED COSTS / PLANNED LABOUR SCHEDULE**

Job period	Estimated build cost	Estimated site cost	Planned labour	Cumul % complete
1	2,382,118	476,423	86	30

**RISK REGISTER**

Possible problems that may occur during the progression of the job.

Design cost: 11 % of build cost

**RISK REGISTER**

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