

Section IV: Bill of Quantities

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PROJECT TITLE <u>BVIEC DEMOLITION WORKS: CONTRACT 1</u>		JOB NO.	
		PAGE 1	
SECTION Grand Summary		PREP BY PT	DATE 14/03/24
		CHECK BY	DATE

Grand Summary			
Division	Category	Page	Amount
A	General Items	2	
D	Demolition and site clearance	3	
X	MISCELLANEOUS WORK	3	
Sub Total			
Contractor's Fee			___%
Total Sum			

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<u>BVIEC DEMOLITION WORKS: CONTRACT 1</u>		PAGE	
A		2	
		PREP BY PT	DATE 14/03/24
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Number	Item Description	Unit	Quantity	Rate (\$)	Amount (\$)
A	<u>GENERAL ITEMS</u>				
	<u>CONTRACTUAL REQUIREMENTS</u>				
A110	Performance Bond	sum			
A120.1	Employers Liability insurance	sum			
A120.2	Plant and Equipment insurance	sum			
A120.3	Contract works insurance coverage of: Generator and panels, Air Conditioning System, Battery Room Area and 2 Buildings to be Retained	sum			
A130	Third Party Public liability Insurance	sum			
	<u>METHOD RELATED CHARGES - FIXED PRICE</u>				
A399.1	The contractor is encouraged to enter the item and description of the required fixed price method related charges here. For example: Description: Construction of temporary storage facilities on site.				
Description:	Health and Safety	sum			
Description:	Disposal of Spoil and Rubbish	sum			
Description:	Temporary Works	sum			
Description:		sum			
Description:		sum			
	<u>METHOD RELATED CHARGES - TIME DEPENDENT PRICE</u>				
A399.2	The contractor is encouraged to enter the item and description of the required time dependent method related charges here. For example: Description: Supervision.				
A352	Traffic control	rate			
A371	Supervision	rate			
Description:		rate			
Description:		rate			
Description:		rate			
				Sub Total	

Notes on the preamble for a bill of quantities:

- 1) aim is to instruct the contractor in exactly what is required
- 2) ensure the avoidance of potential misunderstandings
- 3) account for potential miscalculations or discrepancies

identify the currency and units used for international contractors

identify that the bill is prepared in accordance with CESMM4 (Civil Engineering Standard Method of Measurement 4th edition)

Identify that the bill is to be read in conjunction with the specifications and drawings (write more comprehensive list)

Identify relevant building code material specifications that must be met (unless already stated in the specs, in which case simply reference the specs)

Identify the extent of the finality of the prices to be listed in the bill, and mention that it is the responsibility of the contractor to ensure that all potential costs and risks are covered by the rate presented
(i.e. no additional rates will be paid for things like wastage or cuttings, etc.)

items left blank by the contractor will be assumed included in all other rates and will not be paid

mention that provisional sums will only be paid in part or whole at the discretion of the construction manager

mention that the bill of quantities is an estimate and that the final bill will be governed by the final quantities and measures

mention that the contractor should account for any stoppages due to public holidays or adverse weather

taxes?

concrete

	bar weights in lbs per lin ft			6 x 6 W2.9-W2.9 WWF			weight per
	3	4	5	6	7	8	
lb/ ft	0.376	0.668	1.043	1.502	2.044	2.67	
dia (inch)	0.375	0.5	0.625	0.75	0.875	1	

0.42 lbs/ft²

Area of plastic for uphill retaining wall

0+20-0+50

Area 10.83333 Sq.Yds

0+50-0+75

area 18.94444 Sq.Yds

total 30 Sq.Yds