

Physical Resources Costing Form

Instructions to the Assessor

The candidate will review the construction drawings and specifications from *Task 1*. They will then use this *Physical Resources Costing Form* to document the required physical resources, their prices, and their costs in completing the building.

Instructions to the Candidate

Use this *Physical Resources Costing Form* to document the required physical resources, their prices, and their costs in completing the building.

Ensure you have completed all fields in this form before submitting it to your assessor.

PHYSICAL RESOURCES COSTING FORM	
Participant name	Kandy-Lee Ashby
Date	21/05/2024

Details of the Building and Construction Project

Name of building and construction project	BAC Wallenius Wilhelmsen
Type of project	☐ Residential building ☒ Commercial building
State/territory	Queensland

Section 1 – Physical Resources Required

Equipment <i>(Add rows as needed to account for all equipment needed in completing the building)</i>
Generator
Lighting Towers
Dewatering pumps

Machinery <i>(Add rows as needed to account for all equipment needed in completing the building)</i>
Crane
Bobcat
Excavator

Other Plant for Hire <i>(Add rows as needed to account for all equipment needed in completing the building)</i>
Manito
Forklift

Section 2 – Physical Resource Usage Details

(Duplicate tables to account for all equipment, machinery, and other plant for hire identified)

Equipment: Generator	
Limitations (Add rows as needed to account for all limitations of equipment)	
Not mobile	
Constantly needs to be refuelled	
Conditions of Use (Add rows as needed to account for all conditions of use of equipment)	
Level safe compacted subsurface	
Electrical leads aren't near water	
Correct electrical loads being used safely	
Operational Costs (Add rows as needed to account for all operational costs of use of equipment)	
Associated Cost	Cost
Fuel	\$228 per week (3.8 litres per hour x 6 hours a day x 5 working days = 114 litres pw x \$2 per litre)
Crane Hire	\$300 per delivery and drop off with crane mounted truck from coates.
Electrician associated costs	\$2,400 to install and maintain for site team
Schedule of Usage (Add rows as needed to account for all instances of using equipment)	
Date	Time
NA as generator is onsite for all to use.	
Price of Hiring	\$371.00 per week
Price of Transporting to Construction Site	As per the above includes delivery and drop off.

Machinery: Crane	
Limitations <i>(Add rows as needed to account for all limitations of machinery)</i>	
Needs to be placed on a hard subsurface / subgrade for the crane to work on	
Crane safe tickets	
Availability of the crane	
Conditions of Use <i>(Add rows as needed to account for all conditions of use of machinery)</i>	
Ticketed operator and rigger / dogman	
Weather	
Safe and in date lifting gear	
Operational Costs <i>(Add rows as needed to account for all operational costs of use of machinery)</i>	
Associated Cost	Cost
Crane Hire 25 tonne franna	\$200 per hour (4hr minimum)
Dogman / rigger	\$115 per hour(4hr minimum)
Travel	\$200 per hour (2hr minimum)
Schedule of Usage <i>(Add rows as needed to account for all instances of using machinery)</i>	
Date	Time
Site dependent and is scheduled in by relevant trades when required.	
Price of Hiring	\$1,260.00
Price of Transporting to Construction Site	\$400

Other Plant for Hire: Forklift	
Limitations <i>(Add rows as needed to account for all limitations of other plant for hire)</i>	
Needs to be placed on a hard subsurface / subgrade for the crane to work on	
Availability of the crane	
Conditions of Use <i>(Add rows as needed to account for all conditions of use of other plant for hire)</i>	
Ticketed operator	
Weather	
Serviced and maintained forklift	
Operational Costs <i>(Add rows as needed to account for all operational costs of use of other plant for hire)</i>	
Associated Cost	Cost
Forklift	\$473.00 per week
Forklift operator	\$115 per hour
Schedule of Usage <i>(Add rows as needed to account for all instances of using other plant for hire)</i>	
Date	Time
NA as forklift is onsite for all to use. Site staff are required to book in for use.	
Price of Hiring	\$473.00 per week
Price of Transporting to Construction Site	As per the above includes delivery and drop off.

END OF PHYSICAL RESOURCES COSTING FORM