

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	Leah Hellewell
Date	03/09/2024

Details of the Building and Construction Project

Name of building and construction project	Merrimac Station
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>
Power Tools
Safety equipment (Fire Extinguishers)
Radios

Machinery <i>(Add rows as needed to account for all equipment needed in completing the building)</i>
Excavator 20T
Bulldozer
Skid steer/Posi
Excavator 14T

Other Plant for Hire <i>(Add rows as needed to account for all equipment needed in completing the building)</i>
Water Truck 12 kL
Waste Management (Rubbish/Recycling)

Section 2 – Physical Resource Usage Details

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

Equipment: Excavator 20T (BJT)	
Limitations <i>(Add rows as needed to account for all limitations of equipment)</i>	
Operational – Skill requirement (Must be licenced to operate)	
Conditions of Use <i>(Add rows as needed to account for all conditions of use of equipment)</i>	
Safety Guards – Ensure safety guards and emergency stop mechanisms are in place and functioning.	
Operate within the machines designed parameters (Max load/range)	
Operational Costs <i>(Add rows as needed to account for all operational costs of use of equipment)</i>	
Associated Cost	Cost
GPS	\$20.00 per hour
Operator	\$85.00 per hour
Schedule of Usage <i>(Add rows as needed to account for all instances of using equipment)</i>	
Date	Time
From 24/06/24	1549.65 Hours
Price of Hiring	\$150 per Hour
Price of Transporting to Construction Site	\$450.00

Machinery: Skid steer/Posi (JCD)	
Limitations <i>(Add rows as needed to account for all limitations of machinery)</i>	
Operational – Skill requirement (Must be licenced to operate)	
Conditions of Use <i>(Add rows as needed to account for all conditions of use of machinery)</i>	
Safety Guards – Ensure safety guards and emergency stop mechanisms are in place and functioning.	
Operate within the machines designed parameters (Max load/range)	
Operational Costs <i>(Add rows as needed to account for all operational costs of use of machinery)</i>	
Associated Cost	Cost
Screening Bucket	\$30.00 per hour
Slasher	\$30.00 per hour
Operator	\$85.00 per hour
Schedule of Usage <i>(Add rows as needed to account for all instances of using machinery)</i>	
Date	Time
From 24/06/24	200 Days
Price of Hiring	\$300 per day
Price of Transporting to Construction Site	\$350.00

Other Plant for Hire: Water Truck 12kL (JCD)	
Limitations <i>(Add rows as needed to account for all limitations of other plant for hire)</i>	
Operational – Skill requirement (Must be licenced to operate)	
Conditions of Use <i>(Add rows as needed to account for all conditions of use of other plant for hire)</i>	
Safety Guards – Ensure safety guards and emergency stop mechanisms are in place and functioning.	
Operate within the machines designed parameters (max weight/load)	
Operational Costs <i>(Add rows as needed to account for all operational costs of use of other plant for hire)</i>	
Associated Cost	Cost
Operator	\$85.00 per hour
Schedule of Usage <i>(Add rows as needed to account for all instances of using other plant for hire)</i>	
Date	Time
From 24/06/24	1155 Hours
Price of Hiring	\$145 per hour
Price of Transporting to Construction Site	\$350.00

END OF PHYSICAL RESOURCES COSTING FORM

Payment Schedule

Contract No: [REDACTED]
Subcontractor: [REDACTED]
Payment Claim No: 1
Date Claim Received: 24/07/2024

Item No	Description	Schedule Quantity	Unit	Rate	TOTAL
CONTRACT WORKS					
	Wethire				
	Excavators Rates				
5	16t (14t JCD) Without GPS	1,531.00	hr	\$144.00	\$220,464.00
6	25t - Without GPS		hr	\$164.00	\$0.00
10	30t - Without GPS	770.70	hr	\$174.00	\$134,100.93
10	30t with GPS	12.13	hr	\$194.00	\$2,352.25
10	30t with Breaker	12.40	hr	\$214.00	\$2,653.60
	Dozers				\$0.00
21	66 with GPS	71.51	hr	\$240.00	\$17,162.40
	Earth Movers				\$0.00
25	Positrack	2,203.31	hr	\$124.00	\$273,210.44
	Loaders	275.41			
29	CAT 966	134.75	hr	\$168.00	\$22,638.00
	BPIC Uplift	4,616.54	hr	\$8.00	\$36,932.29
Subtotal - Contract Works					\$709,513.91

Payment Schedule

Contract No: [REDACTED]
Subcontractor: [REDACTED]
Payment Claim No: 1
Date Claim Received: 25/07/2024

Item No	Description	Schedule Quantity	Unit	Rate	TOTAL
CONTRACT WORKS					
	Excavators				
3	5t + Bobcat Combo		hr	\$150.00	\$0.00
5	8t + Bobcat Combo		hr	\$160.00	\$0.00
2	5t		hr	\$125.00	\$0.00
4	8t		hr	\$135.00	\$0.00
5	15t		hr	\$145.00	\$0.00
6	20t	1549.065	hr	\$150.00	\$232,359.75
7	GPS	1549.065	hr	\$20.00	\$30,981.30
9	25t		hr	\$155.00	\$0.00
10	30t	770.70	hr	\$170.00	\$131,018.15
12	30t - Breaker Attachment	12.4	hr	\$214.00	\$2,653.60
12	30t - With GPS	12.4	hr	\$214.00	\$2,653.60
13	36t		hr	\$188.00	\$0.00
14	36t with GPS		hr	\$208.00	\$0.00
15	36t - Breaker Attachment		hr	\$278.00	\$0.00
16	45t		hr	\$204.00	\$0.00
17	45t with GPS		hr	\$224.00	\$0.00
18	45t - Breaker Attachment		hr	\$294.00	\$0.00
B1	BPIC	2344.285	hr	\$13.00	\$30,475.71
B2					\$0.00
Subtotal - Contract Works					\$430,142.11

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