PROFESSIONAL ESTIMATING LLC
CONSTRUCTION ESTIMATING SERVICES

ILLUSTRATIVE SAMPLE. Not a client project. Quantities only, no prices.

Concrete takeoff (sample)

Illustrative project: single-storey 3-bedroom home · Hamilton, Waikato (fictional site) · 168 m² gross floor area
Drawings: A-100 to A-410 (architectural), S-01 to S-06 (structural), H-01 (hydraulic), E-01 (electrical)
Raft slab foundation to NZS 3604 with engineer-designed edge thickenings.

Foundations

Ref	Item	Unit	Qty	Drawing ref / note
C1.01	Edge thickening 300 x 450, 25 MPa	m³	9.4	S-02, detail 3
C1.02	Internal ribs 220 x 300, 25 MPa	m³	6.1	S-02, rib layout
C1.03	Slab 100 mm thick, 25 MPa	m³	17.2	S-02, 172 m² slab area
C1.04	Pod infill 1100 x 1100 x 220	no.	112	S-02, pod plan
C1.05	Damp-proof membrane 250 µm, laps 200 mm	m²	198	Slab area + 15% laps/upstands

Reinforcement

Ref	Item	Unit	Qty	Drawing ref / note
C2.01	SE62 mesh, slab	m²	189	S-03, incl. 10% laps
C2.02	HD12 bars, edge beams (2 top, 2 bottom)	t	0.64	S-03, bending schedule
C2.03	R6 stirrups at 600 crs	no.	196	S-03
C2.04	Bar chairs and spacers	item	1	Allowance

Formwork and sundries

Ref	Item	Unit	Qty	Drawing ref / note
C3.01	Edge formwork to slab perimeter, 450 high	lm	62.5	S-02, perimeter
C3.02	Saw cuts, 3 m max bay	lm	54	S-02, joint layout
C3.03	Concrete pump, 1 pour	visit	1	Single pour assumed

Assumptions and exclusions

- Quantities measured from the drawing references listed; no allowance for design changes after issue.
- Waste factors are stated per line where included; otherwise quantities are net.
- Ground conditions assumed 'good ground' to NZS 3604 unless the geotechnical report says otherwise.
- Exclusions: consent fees, development contributions, landscaping and loose furniture.