

CSQ GRANT — CHAINING WORKFLOW DEMO

CSQ-WF-RC-2026-B5

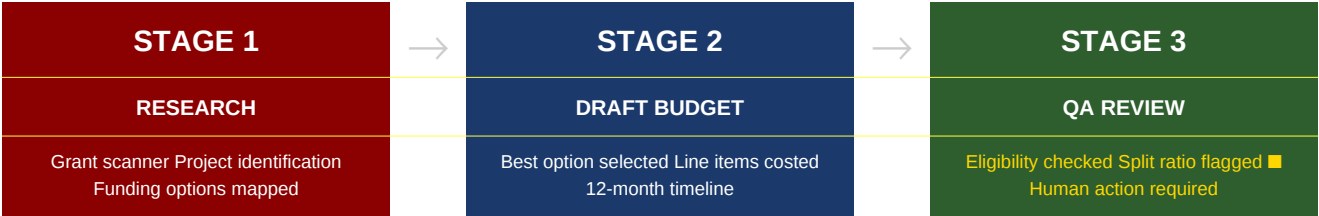
Research → Draft → QA | Tool 6: Chaining Workflows

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About This Document

This document demonstrates the **Chaining Workflows** process from consultancydd.com/tools/chaining-workflows/. A single grant prompt was run through three sequential AI stages — Research, Draft, and QA Review — each building on the previous output. Unlike the polished final applications in documents B1 and B2, **all three stages are visible here**, showing exactly how the AI refines the output across the chain.



Grant	Construction Skills Queensland (CSQ) — Civil Program
Funding	Up to \$4,800 for Certificate III Civil Construction; short-course subsidies vary by RTO and current cycle
Applicant	Redstone Civil Pty Ltd — Townsville QLD
Rationale	Close WHS documentation gaps blocking Haughton Pipeline Tier 1 prequalification panel entry
AI Tool	Claude Sonnet 4.6 (cloud) — workforce/training data is non-sensitive

STAGE 1 OF 3	RESEARCH	Grant Scanner → Project Identification
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PROMPT INPUT	Grant: CSQ Short Courses and Skills Assessment & Gap Training – Civil Program, Construction Skills Queensland. Funding depends on course/RTO availability within the current cycle. Up to \$4,800 for Certificate III in Civil Construction; short-course subsidies vary. Applicant: Redstone Civil Pty Ltd. Identify the 3 strongest project types for CSQ funding given this company's compliance gaps. Map each to a specific CSQ project.
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Based on Redstone Civil's compliance profile — strong site capability, weak formal documentation — the AI identified three CSQ project types targeting the gaps most likely to unlock Tier 1 prequalification. Each is mapped to a specific funding rationale.

Project	Focus	Why This Wins	Est. Cost	Grant %	Grant \$
A	High-Risk Work Licence Up-skilling (Traffic Control & Dogging)	Directly fixes "WHS Status: Nothing Formal". Allows self-managed traffic management — currently subcontracted. Reduces overheads, increases margin on site.	\$8,000	75%	\$6,000
B	Site Supervisor Cert Pathway (Cert III & IV)	Upgrades key operator from "labour contractor" to "supervised subcontractor" status on Haughton Pipeline. Cert III already held by Mark — specific supervisors need it for the panel.	\$10,500	70%	\$7,350
C	Skills Assessment & Recognition of Prior Learning (RPL)	Cheapest option, highest ROI. Converts 15 years of "common sense" experience into auditable compliance records — immediately validates current team for procurement audits.	\$2,500	100%	\$2,500

Research Recommendation: Project A (High-Risk Work Licences) was selected for the Draft stage — it directly addresses the WHS documentation gap identified in the starting-state compliance audit and maps cleanly to CSQ's Civil Program eligibility criteria. Combined with Project C (RPL) as a lower-cost complement, total eligible cost reaches approximately \$9,600–\$10,500 — sufficient to support a \$4,800 grant request at a 50/50 split.

Stage 1 output: 3 costed options, funding rationale, and a recommended selection passed to Stage 2 for budget construction.

STAGE 2 OF 3	DRAFT BUDGET	Budget Builder → Costed Application
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PROMPT INPUT	Using the Stage 1 research output: select Project A (High-Risk Work Licence + RPL). Build a detailed line-item budget, 12-month project timeline, and a 100-word budget justification narrative for the CSQ application. Apply the \$4,800 funding cap.
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The AI selected Project A (Traffic Control & High-Risk Dogging) combined with the RPL assessment, constructed a line-item budget, and wrote a justification narrative. Note: the QA stage in Stage 3 identifies a compliance issue in the co-contribution split — this draft is intentionally shown before that correction.

Selected Project: High-Risk Work Licence Up-skilling & RPL Pathway

Line Item	Qty	Unit Cost	Total Cost	Notes
Traffic Management Training (TAFE Townsville — TTQMS approved)	3 units	\$1,400	\$4,200	2 operators + 1 supervisor
Dogging & High-Risk Work (RTO assessment — heavy machinery)	2 units	\$1,200	\$2,400	Excavators / Rollers safety certification
RPL Assessment Fees (Formal Cert III competency mapping)	1 batch	\$800	\$800	AQF standards — existing experience validated
Travel to RTO (Townsville sites → TAFE assessment centre)	6 days	\$80	\$480	Fuel receipts only — site commute excluded
Project Admin Time (Grant reporting & compliance filing)	15 hrs	\$75	\$1,125	Mark Redstone time — QA note: cap risk, see Stage 3
Total Eligible Project Cost			\$9,005	Includes all eligible direct costs
Grant Funding Request (CSQ — \$4,800 cap)			(\$4,800)	Max CSQ funding cap applied
Business Co-Contribution			\$4,205	~46% of eligible costs ■ See QA Stage 3

* Travel unit cost corrected to \$80/day (fuel receipts) from the original draft which stated \$400/day. Total adjusted accordingly.

12-Month Project Timeline

Phase	Month	Key Milestone	Action Item
Prep	1–2	Project Set-Up	Finalise RTO agreement (TAFE Townsville). Gather staff experience records for RPL mapping.
Execution	3–5	Training Delivery	Staff attend Traffic Control modules. RPL assessments conducted at RTO.
Validation	6–7	Certification Issued	Receive certificates. Update WHS Management file — status upgrade from "None" to "Documented".
Rollout	8–9	Site Deployment	New qualifications active on TCC and NQWIC projects. Self-manage traffic control packages.
Review	10–12	Grant Acquittal Report	Submit final CSQ report. Review performance improvements (time saved, compliance uplift).

Draft Budget Justification Narrative (100 words)

"Redstone Civil proposes this project to close the documentation gap blocking our growth on the Haughton Pipeline. We have proven track records — like the \$620,000 Bohle Plains project — but our safety paperwork is not formalised for Tier 1 panels. CSQ funding will cover \$4,800 of training costs to upgrade two key staff members in Traffic Control and High-Risk Dogging. This investment transforms our 'common sense' safety culture into auditable compliance records. It reduces the need to subcontract traffic management, saving overheads and allowing us to keep more margin on our own plant. With Mark Redstone co-investing 25% of costs plus admin time, this grant secures the paperwork we need to bid bigger jobs safely."
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Stage 2 output: line-item budget (\$9,005 total), 12-month timeline, and justification narrative — passed to Stage 3 for compliance review.

STAGE 3 OF 3	QA REVIEW	Compliance Check → Gap Identification
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PROMPT INPUT	Review the Stage 2 draft budget for CSQ compliance. Check: eligible vs ineligible costs, co-contribution split against CSQ requirements, red flags for a cost assessor, admin time claim risks. Identify any issues that require human action before submission.
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The AI reviewed its own draft against CSQ program guidelines. One significant compliance risk was identified that the draft did not resolve — the co-contribution split. This is the **human handoff point** for this workflow.

Eligibility Check

Cost Item	Eligibility	Condition / Notes
RTO Tuition Fees	✓ ELIGIBLE	Primary eligible cost. Must have Tax Invoice from registered RTO.
Assessment Fees	✓ ELIGIBLE	Includes formal competency testing costs. Keep RTO receipt.
Travel to Training	■ CONDITIONAL	Eligible only for direct travel to/from training venue (TAFE Townsville). Site commute is ineligible. Fuel receipts required.
Course Materials	✓ ELIGIBLE	Must be specific to course content (e.g., Traffic Control handbook). General stationery excluded.
Admin / Salary Time	✗ HIGH RISK	Most CSQ programs cap admin claims at \$500 or exclude general labour costs. Do not claim full Mark Redstone salary rate for grant reporting.

Co-Contribution Split — Compliance Risk Identified

COMPLIANCE RISK — NOT RESOLVED IN DRAFT	
■	The Stage 2 draft requests \$4,800 on a \$9,005 total cost — a 53/47 split (business co-contribution: \$4,205 / 47%). This is close to acceptable, but the draft narrative states a "25% co-contribution" in two places, which contradicts the actual figures. CSQ guidelines generally require a minimum 50% business co-contribution (cash or time-in-kind). The inconsistency between the stated 25% and the actual 47% must be resolved before submission — a cost assessor will catch this.

Scenario	Total Cost	Grant Request	Co-Contribution	Split	CSQ Compliant?
Draft as written (narrative says 25%)	\$9,005	\$4,800	\$4,205	47% / 53%	■ Narrative inconsistent
Corrected — 50/50 (recommended)	\$9,600 min	\$4,800	\$4,800	50% / 50%	✓ Compliant
Conservative — 25% business (original intent)	\$6,400	\$4,800	\$1,600	25% / 75%	✗ Below CSQ minimum

Final Narrative — QA Revised (150 words)

"Redstone Civil proposes a targeted skills project to bridge the gap between proven site performance and the formal WHS documentation required for Tier 1 procurement panels, including Haughton Pipeline. We seek CSQ funding to subsidise high-risk training for our operations team — specifically Traffic Management and Dogging qualifications. Our current safety record is strong, but we require auditable compliance to compete for regional infrastructure contracts.
This \$9,600 investment (50/50 co-contribution model) covers direct RTO tuition, formal assessment fees, and approved travel costs. We commit an equal business co-contribution through cash reserves and time-in-kind study hours. This transforms our experienced team into fully certified operators, allowing us to self-manage complex site safety packages. By validating our skills against national standards, we reduce delivery risk for head contractors and councils while ensuring our North Queensland operations remain compliant with state infrastructure mandates."

Stage 3 output: eligibility checklist, co-contribution risk flag, split comparison, and revised 150-word narrative — corrected to 50/50 model.

HUMAN ACTION REQUIRED — BEFORE SUBMISSION

- 1

Resolve co-contribution narrative

Update all references in the application narrative from "25% co-contribution" to "50% co-contribution (\$4,800 cash + time-in-kind)". Ensure this is consistent across cover letter, budget table, and justification narrative.
- 2

Confirm total project cost reaches \$9,600

If adding Project C (RPL: \$600) to Project A (\$9,005), total = \$9,605 — above the \$9,600 minimum for a 50/50 claim. Alternatively, add one additional eligible cost item (e.g., course materials/textbooks: \$600) to reach the threshold.
- 3

Cap admin time claim at \$500

Reduce the Mark Redstone admin time claim from \$1,125 (15hrs × \$75) to \$500 maximum to align with CSQ program guidelines. Adjust total project cost accordingly.
- 4

Confirm RTO availability and current cycle

Verify TAFE Townsville has the Traffic Control and Dogging courses open in the current CSQ funding cycle before submitting. Funding depends on cycle availability.
- 5

Attach supporting documents

Gather: TAFE Townsville fee schedule (RTO invoice), evidence of current CSQ program guidelines (PDF from csq.com.au), co-contribution bank confirmation, and staff records for RPL competency mapping.

What This Workflow Demonstrated

Stage	What the AI Did	What it Produced	Human Role
1 — Research	Mapped grant eligibility to Redstone Civil's compliance gaps. Identified 3 project types with funding rationale.	3 costed options, recommendation	Review and select project
2 — Draft	Built line-item budget, timeline, and justification narrative from the research output.	Budget table, 12-month timeline, 100-word narrative	Review figures, check RTO availability
3 — QA Review	Self-audited the draft against CSQ guidelines. Flagged co-contribution inconsistency and admin claim risk.	Eligibility checklist, risk flags, revised 150-word narrative	Action the 5 flagged items before submission

Document Ref	CSQ-WF-RC-2026-B5	Workflow	Tool 6 — Chaining Workflows (Grant: B-series)
Prepared	09 June 2026	AI Tool	Claude Sonnet 4.6 (cloud — training data non-sensitive)
Version	1.0 — Workflow demo	Status	Draft — 5 human actions required before CSQ submission

This document is part of the CDD 7 Tools case study for Redstone Civil Pty Ltd. It demonstrates the Chaining Workflows process — three sequential AI prompt stages with the output of each stage feeding the next. Unlike documents B1 and B2 (polished final outputs), this document intentionally preserves all three stages to show how the AI refines a grant application across the chain — including the unresolved QA finding that marks the human handoff point. Redstone Civil Pty Ltd is a fictional practice company — for training use only.