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Queensland Transport and Roads Investment Program (QTRIP) Industry Briefing 2024–25 to 2027–28

Southern Queensland Region

Bill Lansbury, Regional Director

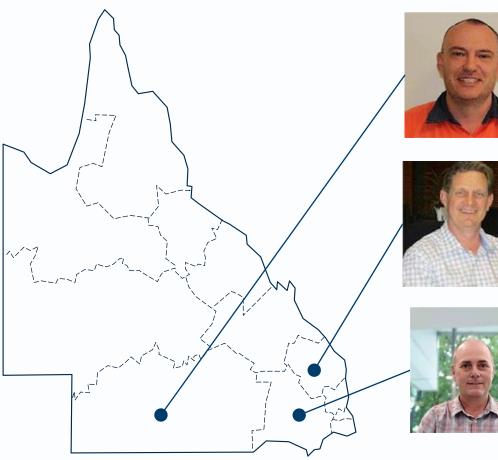


6 August 2024

Southern Queensland Region leadership



Bill Lansbury Regional Director











District Director Bay/Burnett)

Adam Garvin **A/District Director** (Darling Downs)

Focus areas of investment



Bruce Highway Upgrade Program Australian Government Road Safety Program Inland Freight Natural Disaster Route early Program works

Delivery challenges





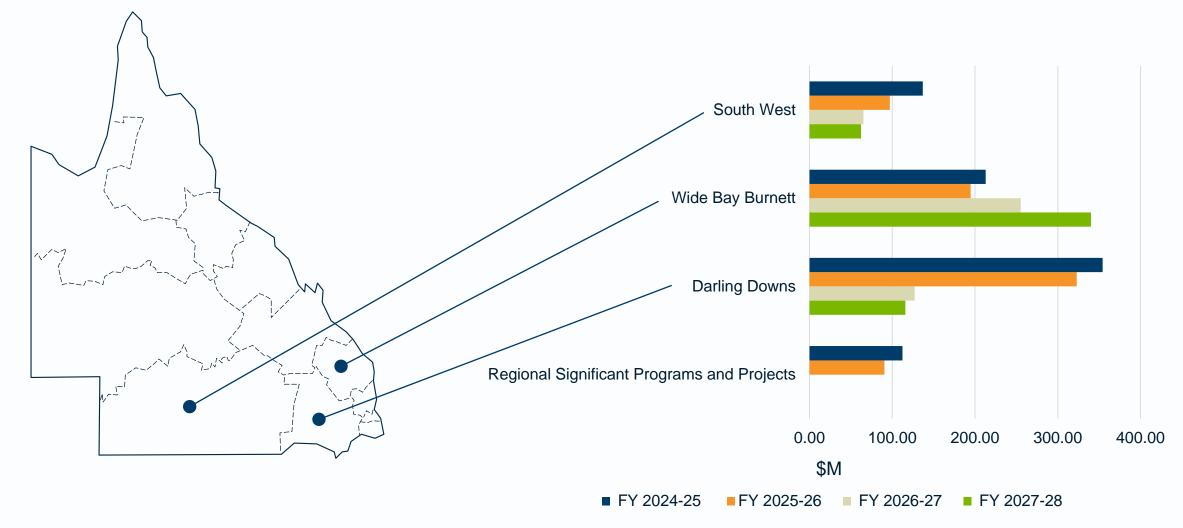
Resources – Plant & Materials

- Internal TMR resources at capacity
- Infrastructure projects in the market concurrently high demand for quality human resources
- Difficulty in attracting/retaining technical staff to western locations
- Supply challenges around culverts and pavement materials
- Extensive lead times for reinforced concrete pipes, line marking contractors, lighting poles, signage and guardrail
- Increased worldwide demand for steel
- Gravel limited availability of pre-qualified pits

Cost Escalation

• Unprecedented increases in material costs

Southern Queensland Regional Program



Notes

- Regional Significant Programs and Projects includes Bruce Highway Cooroy to Curra Section D

Department of Transport and Main Roads

- South West total does not include early works for the Inland Freight Route (Charters Towers to Mungindi), which is represented as a 'Statewide' commitment in QTRIP (ID 2586600).

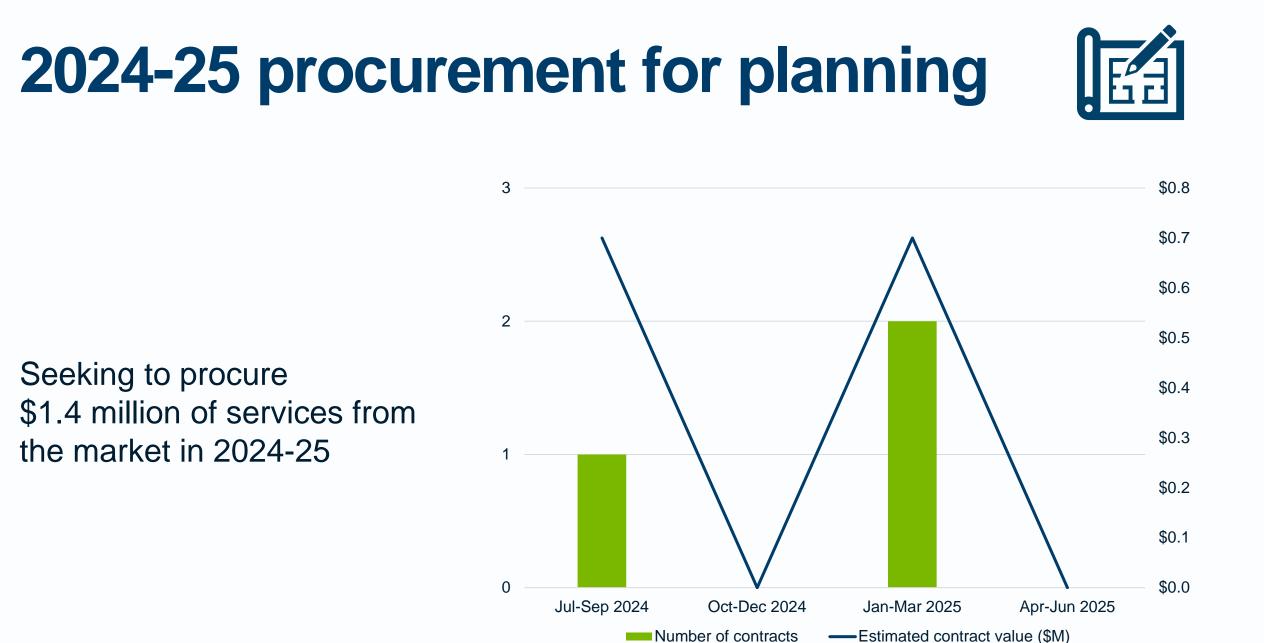
Program to be tendered in 2024-25



Planning

Southern Queensland Region





Design

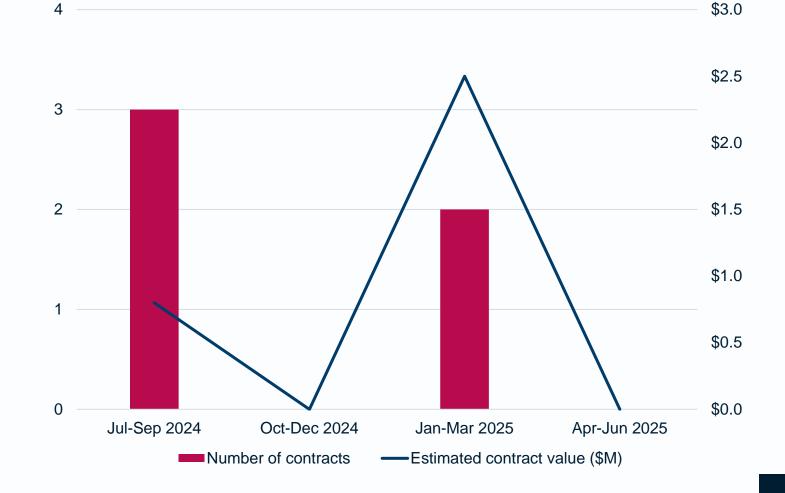


Southern Queensland Region

2024-25 procurement for design

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Seeking to procure \$3.30 million of services from the market in 2024-25



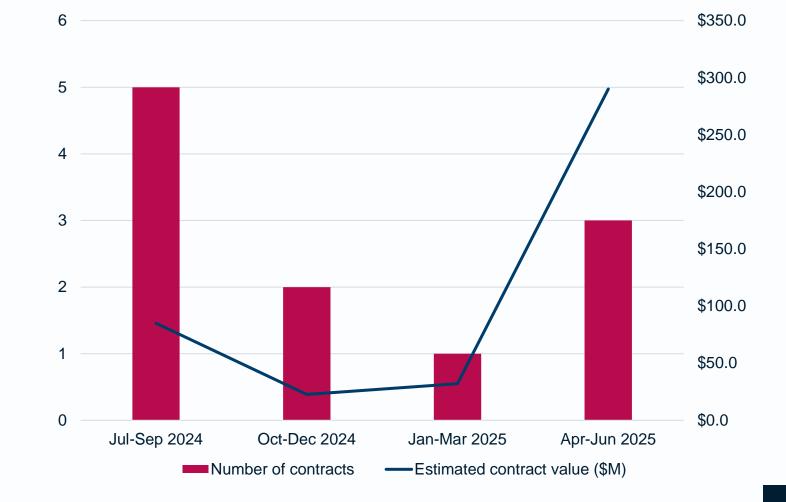
Construction

Southern Queensland Region



2024-25 procurement construction

Seeking to procure \$429.9 million of services from the market in 2024-25



Preventative maintenance on State and National Network at various locations within the South West District area

Scope	Undertake preventative maintenance on State and National Networks, including reseal works in eastern areas of district
Total project budget	\$15.46 million (3149514) \$0.48 million (3149869)
Estimate contract value	\$6.30 million
Anticipated Pre- qualification	Nil
Quarter to be called	Oct - Dec 2024



Locality map of South West District. Source: QTRIP 2024–25 to 2027–28

Gatton – Helidon Road, Safety Treatments on High-Speed Sections

Scope	Deliver safety treatments on priority high-speed sections of Gatton-Helidon Road including widening, intersection upgrades and treatment of roadside hazards
Total project budget	\$34.10 million
Estimate contract value	\$27.20 million
Anticipated Pre- qualification	R2 / F15 / A3
Quarter to be called	Jul - Sep 2024





Gatton – Helidon Road, safety improvements to be completed at priority sections

Maryborough – Hervey Bay Road and Pialba – Burrum Heads Road intersection

Scope	Installation of traffic signals and four-lane duplication on the Pialba-Burrum Heads Road approach and Maryborough-Hervey Bay Road southern approach to the intersection
Total project budget	\$55.40 million
Estimate contract value	\$32 million
Anticipated Prequalification	R3 / F25
Quarter to be called	Jan - Mar 2025 ***Project scope, cost and timing is subject to further planning, consideration and negotiation with the Australian Government.





Intersection of Pialba - Burrum Heads Road and Maryborough - Hervey Bay Road.

Bruce Highway (Gympie – Maryborough), Tiaro bypass

Scope	Construct a new four-lane bypass of Tiaro, between Bauple Drive intersection to the south and Tahlia Lane intersection to the North
Total project budget	\$336 million
Estimate contract value	\$260 million
Anticipated Prequalification	R4 / B2 / F150+
Quarter to be called	Apr - Jun 2025 ***Project scope, cost and timing is subject to further planning, consideration and negotiation with the Australian Government.



Existing Bruce Highway at Chinaman Creek North of Tiaro -Flooding Event

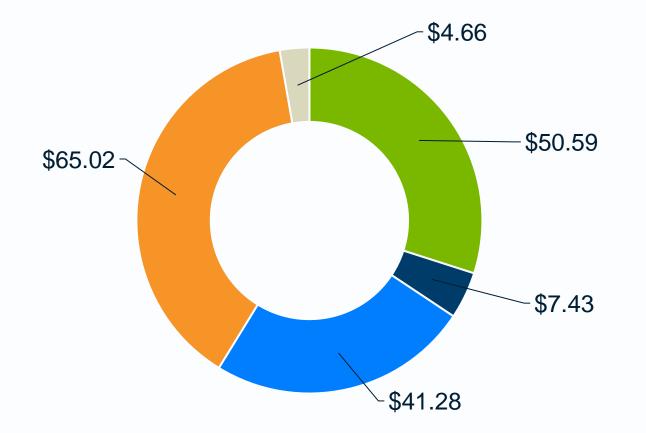


Existing Bruce Highway at Tiaro looking North

Maintenance and materials

Southern Queensland Region

2024-25 maintenance, preservation and environment sector distribution

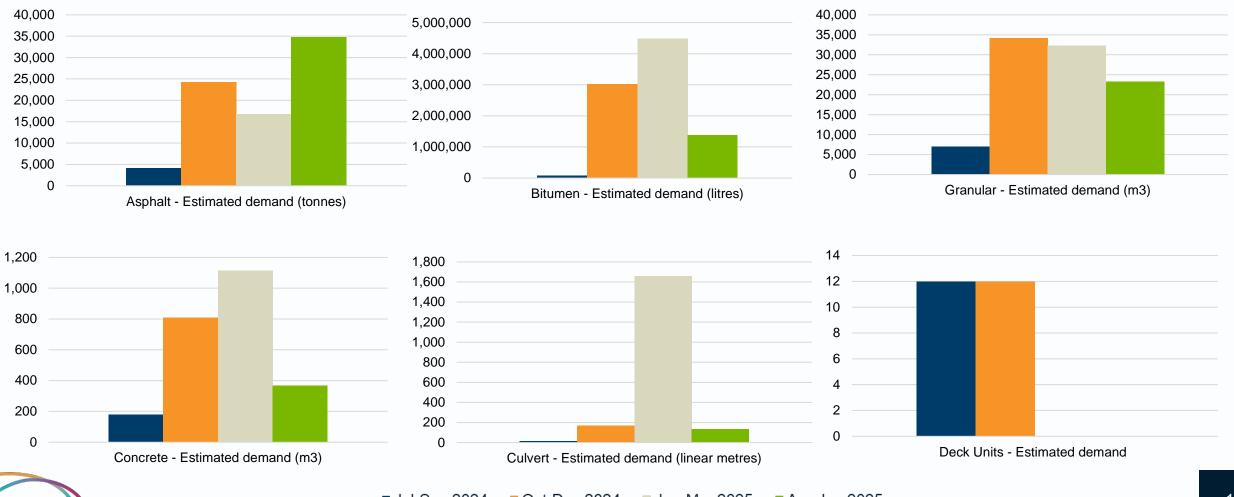


Value \$M

- Open Market
- Local Government
- RoadTek
- RAMC/RMPC
- Not Programmed

Southern Queensland Region Material Demand





Jul-Sep 2024 Oct-Dec 2024 Jan-Mar 2025 Apr-Jun 2025

Contact

For further information about our program email:

SQR_Communications@tmr.qld.gov.au



Appendix – Regional Program Detail

Southern Queensland Region

Planning projects



Project name	Work type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Fraser Coast integrated transport strategy planning; 2274126	Planning	Restricted tender	HE3, TE3, TP3, TLUM3	Jul-Sep 2024	0.70
Bundaberg - Bargara Road, Port Road to Potters Road, develop active transport facility, planning, 8516	Planning	Restricted tender	CE1, ES2, HE2, HD2, TE2	Jan-Mar 2025	0.35
Maryborough - Hervey Bay Road, Ibis Boulevard and Fairway Drive, upgrade intersection, business case; 2298689	Business case	Restricted tender	TE2, TP1, GE1, CE2	Jan-Mar 2025	0.35

Pre-qualification levels

CE1 – Costing Estimating, CE2 – Cost Estimating

ES2 – Economic Studies, HE2 – Highway Engineering, HE3 – Highway Engineering, HD2 – Hydraulic Design

TP1 – Transport Planning, TP3 – Transport Planning, TE2 – Traffic Engineering, TE3 – Traffic Engineering, TLUM - Strategic transport modelling, GE1 – Geotechnical Engineering

Department of Transport and Main Roads

Design	projects
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Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bundaberg Ring Road and Telegraph Road Signalisation; 3007141	Detailed Design	CFEP	Select Invite	ITS2	Jul-Sep 2024	0.20
Bundaberg Bargara Road and Hughes Road Signalisation; 3007140	Detailed Design	CFEP	Select Invite	ITS2	Jul-Sep 2024	0.20
Booral Road and River Heads Road Intersection, Detailed Design; 3007142	Detailed Design	CFEP	Select Invite	HE2	Jul-Sep 2024	0.40
Toowoomba - Cecil Plain Road (Taylor Street), Tor Street to Boundary Street, design separated cycle track; 2751205	Detailed Design	CFEP	Select invitation, prequalified	HE2, HD1, CE1, ITS2, TE1, ES1	Jan-Mar 2025	1.50

Contract type

CFEP – Consultants for Engineering Projects

Pre-qualification levels

CE1 – Costing Estimating, ES1 – Economic Studies, HD1 – Hydraulic Design, HE2 – Highway Engineering, ITS2 – Intelligent Transport System, TE1 – Traffic Engineering.

Design projects



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Warwick Principal Cycle Network, design cycling facilities; 2756309	Detailed Design	CFEP	Select invitation, prequalified	GE1, HE1, HD1, CE1, ITS1	Jan-Mar 2025	1.00

Contract type

CFEP – Consultants for Engineering Projects

Pre-qualification levels

CE1 – Costing Estimating, GE1 - Geotechnical Engineering, HD1 – Hydraulic Design, HE1 – Highway Engineering, ITS1 – Intelligent Transport System

Construction projects (\$5M-\$25M)



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
New England Highway Cycleway; Highfields – Toowoomba (Stage 2); 2325017	Construct cycleway/s	TIC-CO	Open Tender	R2 / F10	Jul-Sep 2024	7.50
Gore Highway (Toowoomba – Millmerran); Toowoomba – Athol Road; Various locations; 2671946	Safety improvements	TIC-CO	Open Tender	R2 / F20	Jul-Sep 2024	17.50
Toowoomba – Cecil Plains Road; Sections: 6.10 – 77.10km; 2673200	Safety improvements	TIC-CO	Open Tender	R2 / F20	Jul-Sep 2024	20.20
Cunningham Highway (Warwick – Inglewood); Sections: 3.70 – 105.50km; 2677439	Safety improvements	TIC-CO	Open Tender	R2 / F15	Jul-Sep 2024	12.60

Contract type

TIC-CO – Transport Infrastructure Contract - Construct Only

Pre-qualification levels

F10 – Financial Level, F15 – Financial Level, F20 – Financial Level, R2 – Roadworks.

Construction projects (\$5M-\$25M)



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Cunningham Highway (Ipswich – Warwick); Tregony to Maryvale; 2392873# Cunningham Highway (Ipswich – Warwick); Various locations; Sections: 80.03 – 122.00km; 2392874#	Safety improvements	TIC-CO	Open Tender	R3 / A3 / F15	Oct-Dec 2024	10.30
Booral Road and Boundary Road; Urangan; 2182485	Improve intersection/s	TIC-CO	Open Tender	R3 / F15^	Oct-Dec 2024	12.40
Warrego Highway (Toowoomba – Dalby); Sections: 0 – 60.00km; 3044921	Safety improvements	TIC-CO	Open Tender	R2 / F10	Apr-Jun 2025	5.50
Pialba – Burrum Heads Road; O'Regan Creek; 2225933	Upgrade floodway/s	TIC-CO	Open Tender	R3 / B2 / F25	Apr-Jun 2025	24.70

Projects to be delivered as a package of works.

Contract type

TIC-CO - Transport Infrastructure Contract - Construct Only

Pre-qualification levels

A3 – Asphalt, B2 – Bridgeworks, F10 – Financial Level, F15 – Financial Level, F25 – Financial Level, R2 – Roadworks, R3 - Roadworks.

^Pre-qualification levels are subject to change following review of the final design.

Construction projects (\$25M-\$100M)

Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Gatton – Helidon Road; safety improvements; 2081571	Safety improvements	TIC-CO	Open Tender	R2 / F15 / A3	Jul-Sep 2024	27.20
Maryborough – Hervey Bay Road and Pialba – Burrum Heads Road intersection; 2006450***	Improve intersection/s	TIC-CO	Open Tender	R3 / F25^	Jan-Mar 2025	32.0

*** Project scope, cost and timing is subject to further planning, consideration and negotiation with the Australian Government.

Contract type

TIC-CO - Transport Infrastructure Contract - Construct Only

Pre-qualification levels

A3 – Asphalt, F15 – Financial Level, F25 – Financial Level, R2 – Roadworks, R3 - Roadworks.

^Pre-qualification levels are subject to change following review of the final design.

Construction projects (>\$100M)



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Bruce Highway (Gympie – Maryborough); Tiaro Bypass, construct bypass; 371601***	Construct four-lane bypass	TIC-CO	Open Tender	R4 / B2 / F150+	Apr-Jun 2025	260.00

*** Project scope, cost and timing is subject to further planning, consideration and negotiation with the Australian Government. Contract type

TIC-CO - Transport Infrastructure Contract - Construct Only

Pre-qualification levels

B2 – Bridgeworks, F150+ – Financial Level, R4 – Roadworks.



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Preventative Maintenance; National Network; Various locations within the Darling Downs District area; 3048074	Asphalt resurfacing	MIC-CO	Open tender, prequalified	A4 / F5	Jul-Sep 2024	1.10
Preventative Maintenance State Network; Various locations within the Darling Downs District area; 3048098	Asphalt resurfacing	MIC-CO	Open tender, prequalified	A4 / F5	Jul-Sep 2024	2.40
Preventative Maintenance; State Network; Various locations within the Darling Downs District area; 3046616	2024-25 drainage maintenance table drain / formation drainage remediation works	MIC-SI	Sole Invitee	R2 / B1 / A3	Jul-Sep 2024	1.00
Darling Downs; 2024-25 E18 resurfacing prior works NN; 3015245	Rehabilitate pavement	MIC-CO	Open tender, prequalified	A4 / F5	Jul-Sep 2024	1.10

Contract type

MIC-CO - Minor Infrastructure Contract - Construct Only

MIC-SI - Minor Infrastructure Contact - Sole Invitation

Pre-qualification levels

A3 – Asphalt, A4 – Asphalt, B1 – Bridgeworks, F5 – Financial Level, R2 – Roadworks.

Department of Transport and Main Roads



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Darling Downs; 2024-25 reseal prior works SN; 3015247	Rehabilitate pavement	MIC-CO	Open tender, prequalified	A4 / F5	Jul-Sep 2024	3.20
Darling Downs; 2024-25 Skid Resistance Management Program SN; 3046594	Skid resistance	MIC-CO	Open tender, prequalified	F5	Jul-Sep 2024	1.35
Darling Downs; 2024-25 Bridge and culvert rehabilitation	Bridge and culvert	MIC-SI	Sole Invitee	B1	Jul-Sep 2024	3.02
Preventative Maintenance; State Network; Various locations within the South West District area; 3149514	Reseal works – Western Region	MIC-CO	Open Tender	Nil	Jul-Sep 2024	6.30

Contract type

MIC-CO – Minor Infrastructure Contract - Construct Only MIC-SI – Minor Infrastructure Contact Sole Invitation

MIC-SI – MINOL INITASTRUCTURE CONTACT SOLE II

Pre-qualification levels

A4 – Asphalt, F5 – Financial Level, B1 – Bridge Works.



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
South West; Various Routine Maintenance projects	Road maintenance	RMPC	Sole Invitee	Nil	Jul-Sep 2024	22.99
Bundaberg – Gin Gin Road; Burnett River Traffic Bridge and Bundaberg North; 3100440	Asphalt resurfacing	MIC-CO	Open Tender	A3	Jul-Sep 2024	3.70
Preventative Maintenance State Network; Various locations within the Darling Downs District area; 3048098	Asphalt resurfacing	MIC-CO	Open tender, prequalified	A4 / F5	Oct-Dec 2024	3.00
Darling Downs; 2024-25 Reseal off-pavement works SN; 3155404	Off pavement works	MIC-SI	Sole Invitee	R2 / B1 / A3	Oct-Dec 2024	3.24

Contract type

RMPC – Road Maintenance Performance Contract

MIC-CO - Minor Infrastructure Contract - Construct Only

MIC-SI – Minor Infrastructure Contact - Sole Invitation

Pre-qualification levels

A4 – Asphalt, F5 – Financial Level, B1 – Bridgeworks, R2 – Roadworks, A3 – Asphalt.



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Preventative Maintenance; State Network; Various locations within the South West District area; 3149514 Preventative Maintenance; National Network; Various locations within the South West District area; 3149869	Reseal works – Eastern Region	MIC-CO	Open Tender	Nil	Oct-Dec 2024	6.30
Preventative Maintenance; State Network; Various locations within the Bundaberg and North Burnett Regional Council areas; 3100440 Preventative Maintenance; National Network; Various locations within the Bundaberg Regional Council area; 3100444	Bitumen reseals – Northern Region	MIC-CO	Open Tender	Nil	Oct-Dec 2024	3.00

Contract type MIC-CO – Minor Infrastructure Contract - Construct Only



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Preventative Maintenance; State Network; Various locations within the Gympie, Fraser Coast and South Burnett Regional Council areas; 3100440 Preventative Maintenance; National Network; Various locations within the Gympie and Fraser Coast Regional Council areas; 3100444	Bitumen reseals – Southern Region	MIC-CO	Open Tender	Nil	Oct-Dec 2024	3.00
Darling Downs; 2024-25 Pavement rehabilitation SN; 3047839	Rehabilitation	MIC-SI	Sole Invitee	R2 / B1 / A1	Jan-Mar 2025	3.65
Darling Downs; 2024-25 Pavement rehabilitation SN; 3047839	Rehabilitation	MIC-CO	Open tender, prequalified	R2	Jan-Mar 2025	3.31

Contract type

MIC-CO - Minor Infrastructure Contract - Construct Only

MIC-SI - Minor Infrastructure Contact - Sole Invitation

Pre-qualification levels

R2 – Roadworks, B1 – Bridgeworks, A1 – Asphalt.

Department of Transport and Main Roads



Project name	Work type	Contract type	Procurement method	Pre-qual levels	Approximate quarter to be called	Estimated contract value (\$M)
Lockyer Valley, Southern Downs, Goondiwindi, Toowoomba, Western Downs Regional Councils & RoadTek (Toowoomba, Lockyer Valley and Southern Downs)	Road Maintenance	RMPC	Sole Invitee	Nil	Apr-Jun 2025	22.90

Contract type RMPC – Road Maintenance Performance Contract

Material Demand



Darling Downs District	Jul-Sep 2024	Oct-Dec 2024	Jan-Mar 2025	Apr-Jun 2025	Total
Asphalt - Estimated demand (tonnes)	4,220	19,480	15,400	34,750	73,850
Bitumen - Estimated demand (litres)	24,000	1,228,000	1,295,000	348,500	2,895,500
Granular - Estimated demand (m3)	2,500	14,500	16,650	18,540	52,190
Concrete - Estimated demand (m3)	100	212	564	284	1,160
Culvert - Estimated demand (linear metres)	0	0	125	136	261
Deck Units - Estimated demand	0	0	0	0	0
South West District	Jul-Sep 2024	Oct-Dec 2024	Jan-Mar 2025	Apr-Jun 2025	Total
Asphalt - Estimated demand (tonnes)	0	1,908	1,464	114	3,486
Bitumen - Estimated demand (litres)	45,648	1,745,508	1,894,533	0	3,685,688
Granular - Estimated demand (m3)	4,451	19,598	15,608	0	39,657
Concrete - Estimated demand (m3)	80	597	550	83	1,310
Culvert - Estimated demand (linear metres)	12	168	37	0	216
Deck Units - Estimated demand	12	12	0	0	24
Wide Bay/Burnett District	Jul-Sep 2024	Oct-Dec 2024	Jan-Mar 2025	Apr-Jun 2025	Total
Asphalt - Estimated demand (tonnes)	0	2,964	0	0	2,964
Bitumen - Estimated demand (litres)	0	53,075	1,292,588	1,022,426	2,368,089
Granular - Estimated demand (m3)	0	0	0	4,730	4,730
Concrete - Estimated demand (m3)	0	0	0	0	0
Culvert - Estimated demand (linear metres)	0	0	1,498	0	1,498
Deck Units - Estimated demand	0	0	0	0	0

2024-25 additional workforce requirements



Functional role requirement	Additional resource requirements (estimate)				
	Darling Downs	South West	Wide Bay/Burnett		
Project Manager/Contract Administrator (Planning)	-	-	2		
Program/Project Manager (Delivery)	4	-	-		
Contract Administrator (Delivery)	1	-	-		
Inspector (Delivery)	4	-	-		
Community Engagement Officer	-	1	1		
Soil Lab Technician	-	-	1		
Environmental Officer	-	-	1		
Cultural Heritage Officer	-	-	1		
Surveying Assistant	-	-	1		