

# **COBAR SHIRE COUNCIL**



## **WORKS COMMITTEE MEETING AGENDA**

**THURSDAY 10 SEPTEMBER 2015**

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## **~ ORDER OF BUSINESS ~**

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Business for the meeting will be as follows:

1. Apologies
  2. Declaration of Interests
  3. General Manager's Report – Part A (Action)
  4. General Manager's Report – Part B (Information)
  5. Matters of Urgency
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**REPORT 1A – QUOTATION FOR THE SUPPLY OF PLANT AND EQUIPMENT HIRE RATES 2015/2018**

**FILE: P3-19-4                      AOP REFERENCE: 3.3.4                      ATTACHMENT: NO**  
**AUTHOR: *Director of Engineering Services, Stephen Taylor***

**Purpose**

To consider quotations from Contractors for Councils Plant and Equipment Hire Register for 2015/2018.

**Background**

Throughout the year Council uses various contractors for the supply of plant and equipment for many of Council's activities.

These Contractors are usually engaged on a daily basis for small projects or by quotations for larger projects.

The administration of this approach can be haphazard as the appropriate paperwork to cover the individual business WH&S compliance and insurances has not necessarily been provided prior to works commencing.

To ensure that Council complies with all regulatory requirements of WH&S, Workcover, Local Government Act 1993, etc. Council needs to adopt a formal approach to regulatory requirements through the quotation process.

**Issues**

The Companies listed below have provided sufficient documentation to be included on Council's Register of approved Contractors.

<b>COMPANY</b>	<b>SERVICE PROVIDED</b>
Broughton Field Services	Plant Hire

This does not mean other Contractors cannot be engaged, once all regulatory requirements are received from the Contractors yet to submit then they will also be added to the current Register.

Therefore the financial information needs to remain completely Confidential. These quotations received will be available for perusal at the Council meeting.

**Financial Implications**

There are no additional financial implications for Council as acceptance of these quotations does not commit Council to comply with Contractors rather just provides a pool of registered Contractors.

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**RECOMMENDATION**

**That the following Contractors be included in the Council's Register of approved Contractors for the Supply of Plant and Equipment 2015/2018:**

<b>COMPANY</b>
Broughton Field Services

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**REPORT 2A – ROADS TO RECOVERY FUNDING****FILE: R5-15****AOP REFERENCE: 4.3.1****ATTACHMENT: NO****AUTHOR: Director of Engineering Services, Stephen Taylor****Purpose**

To advise Council of increased funding and consider projects for 2015/2016.

**Background**

The Federal Government has recently announced additional funds for Roads to Recovery. Advice has recently been received on the level of increased funds for Cobar Shire for 2015/2016 and 2016/2017.

Councillors will recall that the allocation for 2015/2016 was increased to double the 'normal' allocation. The recent announcement has further increased the allocation as shown in the table below;

<b>YEAR</b>	<b>ORIGINAL ALLOCATION</b>	<b>NEW ALLOCATION</b>
2014/2015	\$ 761,742	\$ 761,742
2015/2016	\$1,523,484	\$2,176,167
2016/2017	\$ 761,742	\$2,513,110
2017/2018	\$ 761,742	\$ 761,742
2018/2019	\$ 761,742	\$ 761,742
<b>TOTAL</b>	<b>\$4,570,452</b>	<b>\$6,974,503</b>

The additional funding is a result of the change to the Fuel Exercise.

**Project Consideration**

Council's road capital works program is already large with NSW Restart – Fixing Country Roads, RMS Repair (not yet confirmed), Roads to Recovery and Special Rate Variation projects. Council's own workforce is heavily committed to undertake the current approved program. Therefore the majority of the additional \$652,683 Roads to Recovery funding would be best utilised to undertake reseals on Shire Roads and Town Streets as the majority of this work is undertaken by contractors.

The Council's current approved program includes the following reseal projects;

SR 10 – Belarabon Road	\$ 35,000
SR 13A – Lerida Road	\$ 263,484
Urban Streets	\$ 125,000
Rural Roads	\$ 51,000
<b>TOTAL</b>	<b>\$ 474,484</b>

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## Urban Streets

An initial assessment of condition of Urban Streets indicate that more funding is needed the address the backlog of reseal. It is recommended the budget be increased by \$275,000 to reduce the backlog.

### SR 20 – Grain Road

Approximately 16 kilometres this road from RR 7521 – Kaicato Road is sealed. The majority of this seal was completed before 2006 and is due for a reseal. It is recommended \$150,000 be allocated for resealing.

### *Other Works*

### SR 3 – Nelyambo Bridge Road, Nelyambo Bridge

Scouring behind the abutments of this bridge has occurred over a number of rain events in recent years. This has partly been caused by build-up of debris under the approach guardrail which has led to the rain runoff being channelled to the abutments before finding a path into the waterway. In addition the guardrail has slumped due to erosion on the approach batters.

It is recommended that the guardrail be removed, the bridge approaches formed and sealed and the guardrail then reinstated. This will provide a spread of drainage off the road surface along the approach and prevent runoff concentrating behind the bridge abutments. In addition minor repairs will be undertaken to the abutment protection concrete work in the street bed under the bridge. An estimated \$100,000 is required for this work which will ensure the fifty-year old bridge does not incur any damage in future rain events.

### SR 2 – Tilpilly Road

Gravel resheeting is required on significant lengths of this road. It is recommended the remaining funds, \$127,683 be allocated to this road.

## **RECOMMENDATION**

**That the additional Roads to Recovery funds for 2015/2016 be allocated to the following projects:**

<b>Town Streets, reseals</b>	<b>\$275,000</b>
<b>SR 20 – Grain Road, reseal</b>	<b>\$150,000</b>
<b>SR 3 – Nelyambo Road, bridge approach sealing</b>	<b>\$100,000</b>
<b>SR 2 – Tilpilly Road, gravel resheeting</b>	<b>\$127,683</b>

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**REPORT 3A – COBAR WATER TREATMENT PLANT PROJECT  
EXPENDITURE AND ACTON PLAN**

**FILE: A10-41**

**AOP REFERENCE: 4.1.3**

**ATTACHMENT: NO**

**AUTHOR: *Director of Engineering Services, Stephen Taylor***

**Purpose**

At the August Finance and Policy Committee Meeting held on 13 August 2015 the committee recommended:

*“That a Report be provided to the September Finance and Policy Committee Meeting detailing the increase in the Budget figure for the Cobar Water Treatment Plant with the report including recommendations on how to find the shortfall and how to limit Council’s outgoings until funding is secured.”*

This report is prepared to provide the information requested.

**Background**

Council has received funding from Restart NSW of \$7,800,000 for a new water treatment plant (WTP) for Cobar. With the addition of Council funds of \$200,000 this provided \$8 million for the project. NSW Public Works were engaged to prepared concept designs and contract documents for a “Design and Build” contract. As part of the process of Section 60 approval for the new WTP a meeting was held with NSW Office of Water. This meeting highlighted some concerns that needed to be addressed with the concept design and the ability of the proposed plant to adequately treat the range of water quality the plant could receive from the Cobar Water Board pipeline. The concept design may have required the addition of a clarifier to provide adequately treated water. Further water sampling with varying water quality was required to confirm plant requirements.

A reconsideration of the concept design was undertaken by Public Works and a new preliminary estimate was prepared. This estimate indicated the cost of the WTP could be up to \$15.5 million. An application for a grant for \$7.5 million was submitted for the Federal ‘National Stronger Regions Fund’ and an Expression of Interest for the State ‘Regional Water and Waste Water Backlog program has been submitted. The outcome of these applications will not be known until later 2015 or early 2016.

Both applications/Expressions of Interest are of high quality with high benefit cost ratios for the project. There is a high chance of success.

**Cost Increase**

The cost increases have resulted from a more detailed analysis of the component costs and the inclusion of elements that were not included in the initial estimate such as full and extensive road access to the site, higher levels of telemetry control to provide a more consistent quality of water to the WTP, more extensive pipeline connections to the new WTP and complete decommissioning of the existing WTP.

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Estimated Costs:

**Original concept**

Lagoon Sedimentation Plant	\$ 8,000,000
Clarifier (if required)	\$ 3,000,000

<b>Alternate concept</b> DAFF Plant	\$12,000,000
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**Additional Components (required for both concepts)**

Full road access	\$ 300,000
Higher level of telemetry control	\$ 460,000
More extensive pipeline connections to WTP	\$ 540,000
Power Supply	\$ 300,000
Decommissioning of existing WTP	\$ 500,000
<b>Total</b>	<b>\$ 2,100,000</b>

The alternate concept design has an additional allowance of 10% (\$1.4 million) of the project cost for planning, pre-design investigations, design and documentation, procurement, commissioning, construction and project management. These costs were included in the original concept estimate; however they may have been slightly underestimated.

**Current Work**

Project costs to date are \$404,832. To limit Council's costs until the outcome of the grant applications is known work on the project has slowed to have elements of the project that should continue to ensure that if the grant applications are successful the project is ready to proceed quickly.

These elements are:

- Land acquisition – legal costs - approx. \$10,000
- Power supply design – approx. \$30,000
- Final investigations and preparation work – approx. \$50,000
- Finalisation of tender documents – approx. \$10,000

**RECOMMENDATION**

- 1. That the report on Cobar Water Treatment Plant – Increased Costs be noted.**
- 2. That the land acquisition, power design and finalisation of the investigation and tender documents for the Cobar Water Treatment Plant continue to be progressed.**
- 3. That a further report be provided on the outcomes of the relevant Grant Application/Expression of Interest and required further action plan.**

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## **REPORT 1B – ENGINEERING WORKS REPORT**

**FILE: C6-20-2**

**AOP REFERENCE: 4.3.2**

**ATTACHMENT: NO**

**AUTHOR: *Director of Engineering Services, Stephen Taylor***

### **Purpose**

To inform Council of completed and ongoing Engineering Works for the period of August 2015.

### **Background**

August 2015 Engineering Works have mainly consisted of:

- Continuation of works at Cobar Regional Airport with the boundary Fence modifications;
- Liaison with the designers for the Water Board Twin Pipeline, New Water Treatment Plant and Waste Water Projects;
- Roads to Recovery and SRV road works on Shire roads;
- Maintenance of State and Regional Roads.

### **State Highways**

#### **Maintenance Work**

- Sign Replacement Works as required – **ongoing**;
- Shoulder grading for reseals – **ongoing**.

### **Urban Roads/Shire Roads/Regional Roads**

- SR3 – Inspection;
- SR4 – Maintenance Grading;
- SR16 – Maintenance Grading;
- SR18 – Inspection;
- SR21 – Maintenance Grading;
- SR22 – Gravel Haulage;
- SR26 – Seal Patching;
- SR31 – Inspection;
- SR32 – Inspection;
- SR37 – Maintenance Grading;
- MR407 – Vegetation Control/Gravel Resheeting/Maintenance;
- MR411 – Inspection;
- MR416 – Bitumen Patching/Spot Gravelling/Maintenance;
- MR419 – Maintenance Grading;
- MR423 – Reseal Preparation;
- RR7518 – Weed Spraying/Inspection;
- RR7521 –Vegetation Control;
- RR7522 – Gravel Crushing;
- MR461 – Inspection.

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### Private Works

Nil.

### Water and Sewer

#### **Maintenance Work**

- Pest control within sewer reticulation network being carried out where necessary - **ongoing**;
- Sluice valve and hydrant repairs on town water supply reticulation – **ongoing**;
- Clearing and control of vegetation along the Nyngan to Cobar raw water pipeline easement (CWB) –**ongoing**;
- Reading of the water meters for the major users (CWB) – **ongoing**;
- The valve replacement program for 2015-2016 is underway with the installation of new and replacement of faulty valves. Second stage of the valve replacement program has commenced includes the area bounded by Louth Road, Bathurst, Brough and Marshall Streets. – **ongoing**;

### Resources for Regions

#### **Construction of New Water Treatment Plant**

- Negotiations are being finalised by legal representatives for purchase of the property for the proposed Cobar Water Treatment Plant. Council is waiting on the all parties to sign;
- The current state of the new Cobar Water Treatment Plant; only the essential works to be undertaken for the project to move forward to a complete shovel ready status.

#### **Construction of New Water Pipeline – Nyngan to Cobar**

- An inspection and location check of the current customer connections to the pipeline was undertaken this also allowed members of the project team to introduce themselves and discuss the project with affected landholders and Cobar Water Board customers;
- The separation of the Cobar Water Treatment Plant Project and the Pipeline Replacement Project and issues of interdependent components have been completed and a copy of the tender plans has been received and is currently under review.

#### **Airport Pavement Works**

- The aircraft tie down points have been marked out and the required works to install the tie downs will be performed by the Cobar Shire Council staff.

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### **Airport Lighting Works**

- The lighting flight certification has been completed and an excellent result was achieved with positive feedback from the flight tester and the other pilots who utilized the lighting on the night of the flight test.

### **Airport Fencing and Access Road**

- The modifications to the Cobar Airport Fence are currently in process.

### **Upgrade of Sewerage Facilities**

- Scoping for the rehabilitation of the pumping station at Tom Ward Oval is completed and a draft copy of the tender documents are under construction;
- Investigation is still underway for the reticulation layout at the Industrial Estate. Following this, community consultation can be undertaken to decide on project delivery;
- With the clearing of vegetation and regrowth around the embankments of the Sewerage Oxidisation Ponds nearing completion, the works have started on the establishment of erosion control grass an irrigation system on banks of lagoons with this work will be carried out by Council staff;
- Chlorination of effluent for reuse - test results of the effluent that have been received back at this time have displayed a requirement for a level of pre-treatment, a number of options are being considered to obtain the best level of long term treatment and low level running costs the option that has been accessed as the most cost effective is the construction of a sub-surface wet land (reed bed).

### **Certification of Cobar Regional Airport**

- Certification of Cobar Regional Airport by the Civil Aviation Safety Authority (CASA) and Office of Transport Security, have been approved Council is waiting for the Final approval documentation. .

### **Construction of RFS Shed**

- Construction of the RFS Shed has started.

### **RECOMMENDATION**

**That the information contained in the Engineering Works Report detailing maintenance on Shire and Regional Roads, State Highways and Water Sewer Mains, Resources for Regions Projects and other Major Grant Works be received and noted.**

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**REPORT 2B – EXPENDITURE FOR ROADS NETWORK**

**FILE: R5-31 AOP REFERENCE: 4.3.2 ATTACHMENT: YES (PAGE 13-18)**

**AUTHOR: *Director of Engineering Services, Stephen Taylor***

**Purpose**

To provide Council with financial information on the expenditure on Council's Local and Regional Roads.

**Background**

A report detailing the Expenditure on Capital/R2R (orange), Council's Shire Local Roads (blue) and Regional Roads Network (green) is provided as an attachment to this agenda for Council's information.

**RECOMMENDATION**

**That the information detailing the Expenditure for Council's Roads Network be received and noted.**

# **ATTACHMENTS**



## **WORKS COMMITTEE MEETING AGENDA**

**THURSDAY 10 SEPTEMBER 2015**

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**~ REFERENCE TO ATTACHMENTS ~**

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**PART B - INFORMATION**

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