



**EXPRESSION OF INTEREST (EOI)  
FOR  
SHEPPARTON LINE UPGRADE PROJECT**

**For the following works:**

**CSR Boring**

<b>Version:</b>	<b>Date:</b>	<b>Prepared by:</b>	<b>Approved:</b>
A	19 NOV 20	D Ganeshanantham	

## PROJECT OVERVIEW

The Victorian Government is upgrading the Shepparton Line to deliver more reliable services and allow modern VLocity trains to travel to Shepparton for the first time. Work on the Shepparton Line Upgrade has already begun, with \$356 million invested in the first two stages of the project, which has already delivered 10 extra services a week between Shepparton and Melbourne. Stage 2 will provide the infrastructure required for VLocity trains to run to Shepparton for the first time. It includes a new stabling facility and platform extensions at key stations to suit the longer VLocity trains, as well as a crossing loop extension at Murchison East to give trains more room to pass each other, boosting reliability on the line.

Fifty-nine level crossings will be upgraded between Donnybrook and Shepparton to make them compatible with VLocity trains and improve safety for train passengers and road users.

The project is being delivered as part of the Regional Rail Revival program. (Shepparton Line Upgrade Project).

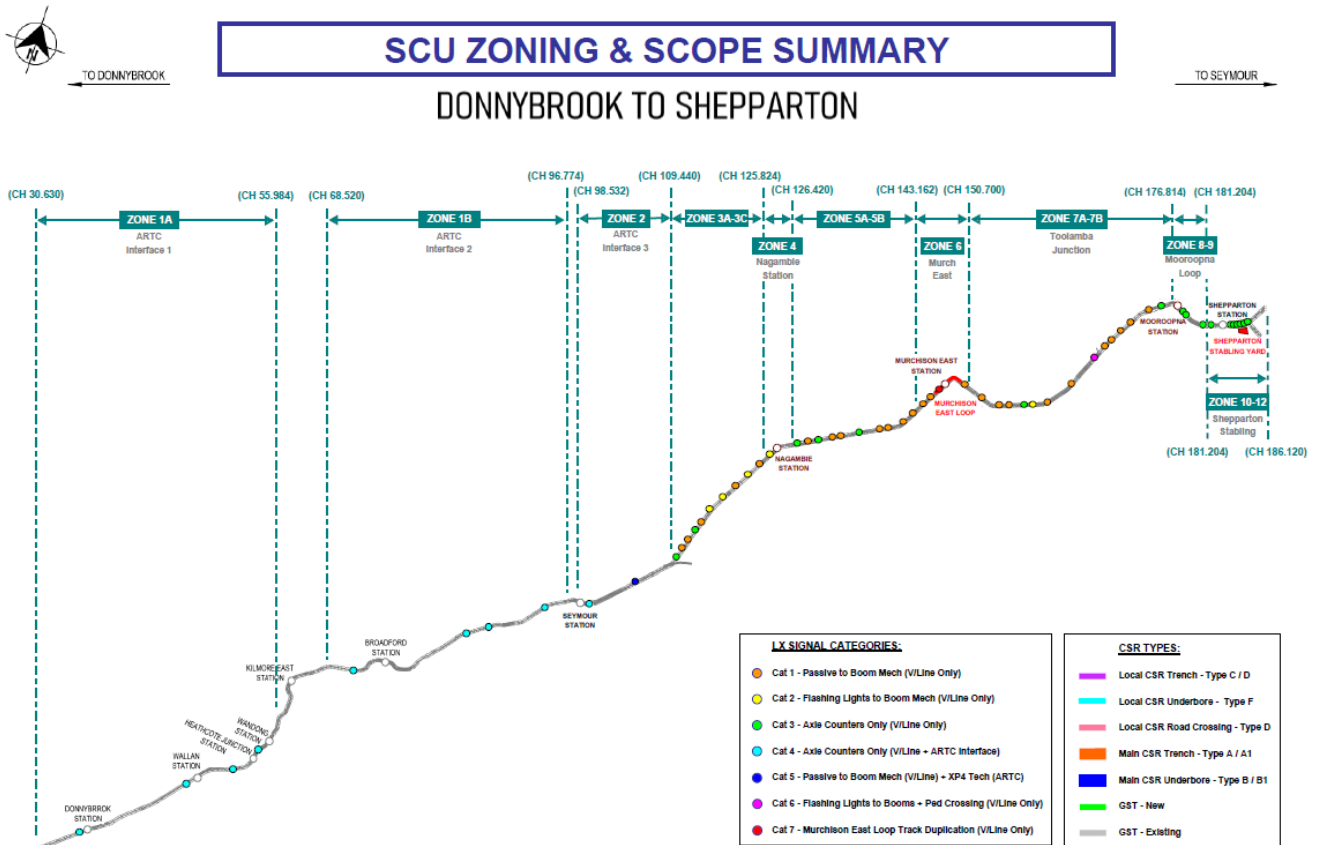


Figure 1 - Zoning Map for the Shepparton Line Upgrade Project

## SUMMARY OF WORKS PACKAGE

The scope of works relates to the Combined Service Route associated with axle counter upgrades to 59 level crossings, as well as signalling upgrades at Murchison East (associated with a new crossing loop) and Shepparton Stabling (associated with a new stabling facility). This package focuses on the under boring component of the CSR at nominated track and road crossings to link up the CSR routes on either side.

The project alignment has been divided into 12 x Zones as shown in Figure 1. This is an extract from the corridor Zoning Maps provided in the appendices which provides a further breakdown of the indicative CSR quantities per Zone, including underbores.

To summarise the order of magnitude of CSR scope, for each of the 59 level crossings upgrades as part of the project scope, there is approximately 2km of CSR required in either direction of the level crossing required for the installation of axle counters at the outer approaches. Further to this, Murchison East Passing Loop further approximately 7.5km of Main Cable Route. At the proposed Shepparton Stabling Facility there is approximately 3km of Main Cable Route required also. These routes are made up of various trench types, galvanised steel troughing and underbores.

The CSR Boring scope for this package is made up of numerous types of boring cross sections (types) including E, E1 & F. Below shows the split of these into under track and under road crossings with an average length of 30m, ranging from 10m to 114m:

Item	Description	Indicative Qtys	
<b>Underbore – Under Track (ULX)</b>	Underboring required under track to occur during occupation times only	75 no.	1,437 lin.m
<b>Underbore – Under Road (URX)</b>	Underboring required under roads to predominately occur normal time, with one crossing during occupation time	33 no.	1,492 lin.m
<b>Totals</b>		<b>108 no.</b>	<b>2,929 lin.m</b>

See below breakdown of quantities per CSR Boring type for each zone that is required to be installed between March of 2021 until March of 2022:

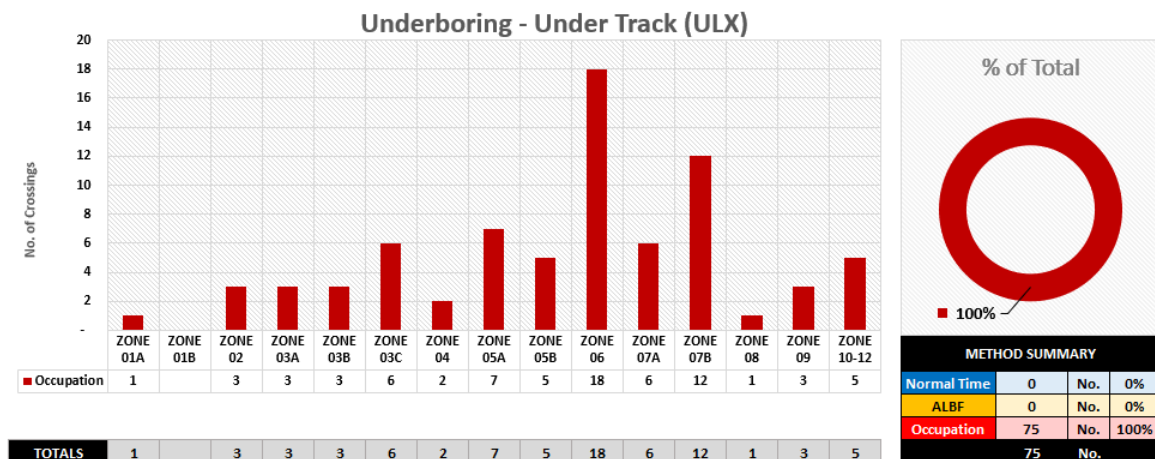
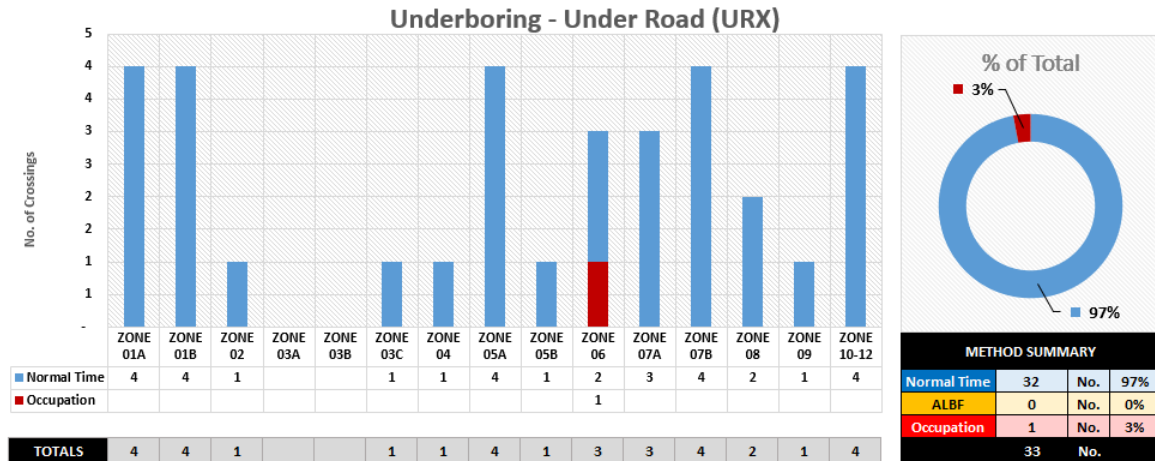


Figure 2 – SLU CSR Underboring ULX Quantities per zone



*Figure 3 – SLU CSR Underboring URX Quantities per zone*

The CSR Boring works have been planned to be undertaken in three work time categories as per below, listed in order of preference based on various constraints within the rail corridor:

- *Normal Time* – Various safe working arrangements depending on locality
- *Occupation* – 4 x Occupation line closures currently planned for the project
- *ALBF* – Various working windows depending on train timetables and locality

An indicative breakdown of quantities for each work time category has been summarised in Figures 2 and 3.

### SUBCONTRACTING STRATEGY

The following defines the current subcontracting strategy for CSR Boring Construction for the project:

Item	Description	Subcontract Type
<b>Underbore – Type E</b>	Main Cable Route Bore – Murchison Loop	Schedule of Rates
<b>Underbore – Type E1</b>	Main Cable Route Bore - Shepparton	Schedule of Rates
<b>Underbore – Type F</b>	Local Cable Route Bore	Schedule of Rates

The SLU Alliance has commenced procurement of material supply which will be free issued to the selected subcontractors.

## PROGRAM TIMELINE

The following highlights the indicative project timelines associated with the scope of work:

Milestone	Date
EOI responses due	11 <sup>th</sup> Dec 2020
RFT issued	18 <sup>th</sup> Dec 2020
Site Inspection	7 <sup>th</sup> Jan 2021 – 16 <sup>th</sup> Jan 2021 <i>(proposed for existing Occupation)</i>
RFT due	29 <sup>th</sup> Jan 2021
Contract Award and Execution	26 <sup>th</sup> Feb 2021
Mobilisation to Site	Mar – Apr 2021

## SUBCONTRACTOR ATTRIBUTES TO BE ASSESSED

- Relevant Project Experience
- Safety performance and safety culture
- Quality of work
- Innovation and Opportunity in efficient construction techniques *(ie offset trenchers, spoil re-use within corridor, logistics efficiencies)*
- Relationship Contracting

## EOI REQUIREMENTS

The respondents are required to submit a paragraph with relevant attachments addressing the following:

1. Relevant recent project experience and safety performance
2. Plant and Equipment Fleet
3. Delivery Strategy Methodology
4. Potential Risks and Opportunities for the Project – Subcontractor to nominate 5 of each
5. Completion of Appendix 1

## APPENDICES

- Appendix 1 – EOI Form

## STANDARDS APPLICABLE TO THE PROJECT

The Technical Specifications refer to Australian and other international Standards and Codes in relation to the minimum quality requirements for materials and employed on this project.

A major requirement for the Project is to achieve an “Excellent” rating using the Infrastructure Sustainability Council of Australia (ISCA) rating tool for both Design and



As-Built. All prospective suppliers / subcontractors must also contribute to the following sustainability targets where applicable during construction:

- 10% GHG emission reduction;
- 20% energy from renewable sources;
- 5% reduction in potable water use;
- 23.5% replacement of potable water; and
- waste minimisation and recycling to achieve Level 2 as per the Was-2 ISCA credit.

## **INSTRUCTIONS**

To submit an expression of interest, please complete Appendix 1, including requested appended documentation and upload to the ICN Gateway page for the project.

## Appendix 1

### 1 General

#### 1.1. Company Details

Company name \_\_\_\_\_  
ABN \_\_\_\_\_  
Address \_\_\_\_\_

State \_\_\_\_\_ Post Code \_\_\_\_\_

Contact name \_\_\_\_\_  
Contact email \_\_\_\_\_  
Contact phone \_\_\_\_\_

#### 1.2. Commercial/Finance

1.2.1. Confirm your company's average annual turnover range (\$ AUD) for the last three years.

- a. 2018/19 \_\_\_\_\_  
b. 2017/18 \_\_\_\_\_  
c. 2016/17 \_\_\_\_\_

1.2.2. Does your company hold the following Insurances?

- a. Contract Works  Yes  No  
Level of Cover (\$ AUD) \_\_\_\_\_
- b. Motor Vehicle  Yes  No  
Level of Cover (\$ AUD) \_\_\_\_\_
- c. Professional Indemnity  Yes  No  
Level of Cover (\$ AUD) \_\_\_\_\_
- d. Public and Product Liability  Yes  No  
Level of Cover (\$ AUD) \_\_\_\_\_
- e. Workers Compensation/Workcover  Yes  No  
Level of Cover (\$ AUD) \_\_\_\_\_



1.2.3 Do you understand that this is an Expression of Interest (EOI) process, only to identify local market capability?  Yes  No

1.2.4 Please confirm the primary business activity of your organization is consistent with the work-package you are expressing interest on?  Yes  No

**1.3 Business Ownership**

1.3.1 Does your company identify as an Australian Indigenous business that is majority owned (greater than 51%) by Aboriginal or Torres Strait Islander people  Yes  No

1.3.2 Is your company a non-Indigenous business that employs Aboriginal or Torres Strait Islander people?  Yes  No

1.3.3 Does your company employ Trainees or Apprentices?  Yes  No

1.3.4 Does your company consent to personnel security/criminal records check which may be associated with the project applied by Commonwealth and or State Police or their independent referral agencies, if shortlisted?  Yes  No

**1.4 Project Specific Questions**

1.4.1 Has your company ever been contracted by ACCIONA or their subsidiary companies in Australia?  Yes  No

If yes, please provide examples of your previous experience

a. Project name \_\_\_\_\_  
Year commenced \_\_\_\_\_  
Description of work performed \_\_\_\_\_  
Contract Value (\$ AUD, ex GST) \_\_\_\_\_

b. Project name \_\_\_\_\_  
Year commenced \_\_\_\_\_  
Description of work performed \_\_\_\_\_  
Contract Value (\$ AUD, ex GST) \_\_\_\_\_

1.4.2 Please list all projects your company is currently working on

a. Project name \_\_\_\_\_  
Year commenced \_\_\_\_\_  
Project duration \_\_\_\_\_  
Client \_\_\_\_\_  
Description of work performed \_\_\_\_\_  
Contract Value (\$ AUD, ex GST) \_\_\_\_\_

b. Project name \_\_\_\_\_  
Year commenced \_\_\_\_\_  
Project duration \_\_\_\_\_  
Client \_\_\_\_\_  
Description of work performed \_\_\_\_\_  
Contract Value (\$ AUD, ex GST) \_\_\_\_\_





**1.5. Management Systems**

1.5.1. Does your company hold Certification for the following Management Systems (3<sup>rd</sup> party certified)?

- a. Environmental (ISO 14001)  Yes  No
- b. Occupational Health and Safety (AS/NZS 4801 / OHSA 18001)  Yes  No
- c. Quality (ISO 9001)  Yes  No
- d. Risk (AS/NZS ISO 31000)  Yes  No

1.5.2. Has your company implemented the following Management System-related policies/procedures?

- a. Emergency Management Policy  Yes  No
- b. Environmental Policy  Yes  No
- c. Fatigue Management Policy  Yes  No
- d. Fitness for Work Policy  Yes  No
- e. Health and Safety Policy  Yes  No
- f. Quality Policy  Yes  No
- g. Hazard or Risk Register  Yes  No

**1.6 Health and Safety**

1.6.1 Does your company have a formal procedure/process for recording and reporting safety and environmental incidents?  Yes  No

1.6.2 Does your company have a formal procedure/process for incident investigation and management?  Yes  No

**2. Documents appended**

2.5. Copy of Business Capability Statement / Business Profile  Yes  No

2.6. Copy of Building Code 2016 Compliance  Yes  No

\* End of document