

## **SHIRE OF WESTONIA - TENDER 02-25/26**

**Tenders for the Supply and Lay of Bituminous Products including Aggregate are invited and will be received until 4.00pm Tuesday 9<sup>th</sup> September 2025.**

---

### **Conditions of Tender and Contract**

#### **1. Extent of Contract**

This tender calls for the supply and lay of approximately 46,500m<sup>2</sup> of bituminous surfacing within the Shire of Westonia as specified herein.

The works required in this tender shall be performed in strict accordance with this specification, the detailed specification which shall be submitted with the tender and to the entire satisfaction of the Works Supervisor.

All tenders shall include Goods and Services tax in all aspects of documentation submitted to Council.

#### **2. Tender Form**

Only tenders submitted on the attached Form of Tender and accompanied by all pages of this document duly signed will be accepted.

#### **3. Lodgement of Tender**

Tenders are to be submitted to

Chief Executive Officer  
Shire of Westonia  
Wolfram Street  
Westonia WA 6423

and are to be lodged in the Tender Box at the Shire Office in Westonia, Wolfram Street, no later than 4.00pm Tuesday 9<sup>th</sup> September 2025.

It is the responsibility of the tenderer to ensure that tender documents are lodged by the due date. Late tenders will not be accepted.

#### **4. Opening and Registration of Tenders**

All tenders lodged before closing time will be opened and registered at the closing date and time as listed. Any tenderer may be present at the opening and record the prices submitted only.

#### **5. Acceptance of Tenders**

The lowest or any tender is not necessarily accepted. Acceptance of tender will be affected only by written acceptance after the closing date. This tender and written acceptance thereof shall form the binding contract. A Council Work Order Form will be issued for this purpose.

#### **6. Evaluation Criteria**

As part of its evaluation criteria, Council will take into consideration the following:

- Demonstrated experience by tenderer to meet the requirements as set out in specification
- A maintenance service best suited to the principal's requirements that demonstrates a commitment to customer service and a professional corporate image
- Demonstrated ability and procedures to ensure public and employee safety by way of Occupational Safety and Health, and adherence to the Traffic Management for Roadworks Code of Practice.

### **7. Delivery**

The majority of works are to be carried prior to Christmas and at a time arranged by the Construction Supervisor.

### **8. Payment**

Payment shall be made within 30 days from the end of the month of delivery of the purchased item. Cash payments will not be made. Goods and Services Tax is applicable to this tender. **The tenderer must specify whether the cost per item is inclusive or exclusive of GST.**

### **9. Annulment of Contract**

Failure by the contractor to meet the agreed delivery time or any of the technical specifications will constitute grounds for the cancellation of the contract at the discretion of the Shire of Westonia.

### **10. Contact Person**

Enquiries in relation to the proposed works can be made to the following personnel:

Construction Supervisor	Kevin Paust	0427 467 077
-------------------------	-------------	--------------

### **11. Insurances**

The successful Tenderer and its subcontractor(s) (if any) will be required to effect and maintain the insurance policies referred to in clause 24 of the General Conditions of Contract for the Provision of Services in the following sums:

- (a) public liability insurance in the sum of at least \$10,000,000 in respect of any one occurrence and for an unlimited number of claims; and
- (b) professional indemnity insurance in the sum of at least \$10,000,000 in respect of any one occurrence and for an unlimited number of claims; and  
if applicable, will be required to effect and maintain product liability insurance in the sum of at least \$10,000,000 in respect of any one occurrence and for an unlimited number of claims.

### **12. Additional Information**

Tenderers are encouraged to supply additional specification sheets and/or photographs to assist Council in the selection process.

**The tenderer hereby confirms that he/she accepts all of the above terms and conditions.**

\_\_\_\_\_  
**Tenderer's Signature**

# **1 SPECIFICATION AND SPECIAL CONDITIONS OF CONTRACT**

## **1.1 SPECIFICATION**

### **1.1.1 TECHNICAL SPECIFICATION**

This contract is for the application of bitumen spray seals and includes:

- Seal design;
- Supply and application of hot sprayed bitumen;
- Supply, precoat and spread of binding (aggregate);
- Cartage of aggregate from quarry to site.
- Pre and post seal application sweeping;
- Rolling;
- Traffic control during spray seal works.

### **1.1.2 RATE OF DELIVERY**

Approximately 46,500m<sup>2</sup> of combined primer seal 14mm and 1st coat seal of 7mm is programmed for the period of the contract in accordance with Council's adopted Road Works Programme. The majority of works will be carried out prior to Christmas. The order of works and timing will be made available when the year's Works Programme schedule has been finalised. For tender purposes sealing is to be estimated by using 14mm aggregate for primer seal and 7mm aggregate for 1<sup>st</sup> coat seal with an application rate to be determined by the tenderer and confirmed with the principal prior to work commencing.

### **1.1.3 GENERAL WORKMANSHIP**

The Contractor shall ensure that all sprayed bitumen work is undertaken in accordance with current Main Roads WA guidelines and safety standards for Safe Handling of Bituminous Products.

Faulty work is to be attended to immediately as any delay will compromise the standard of the finished product. The contractor is to avoid unsightly blemishes on new work and existing surfaces, protect structures (kerbs etc) and existing seal works from overspray.

For work done near the end of the day ensure that adequate time is given for rolling and traffic control. On heavily trafficked and tourist roads, the contractor is to avoid working Fridays or the day before public holidays.

### **1.1.4 PAVEMENT PREPARATION**

#### **Reseals**

The Principal, prior to reseal works being carried out, shall correct all surface defects within these areas.

The contractor is to thoroughly sweep the reseal pavement surfaces. The swept area is to extend at least 300mm outside the sprayed area. Wind direction and strength are to be taken into consideration to avoid swept off material falling onto the work area or new work.

### 1.1.5 MARKING OUT

All reseals shall be marked out by the Principal (start and finish) and widths confirmed with the contractor. For primer seals the Principal shall mark out the start and finish as well as an edge line.

### 1.1.6 SEAL DESIGN

The design of all reseals shall be carried out by the contractor in terms of the latest Australian Asphalt Paving Association (AAPA) design guidelines. Traffic counts and other relevant information shall be supplied by the Principal.

The grade of bitumen, binder mix, size of aggregate and rate of binder and aggregate application shall be at the discretion of the tenderer and be confirmed with the Principal prior to work commencing and a copy of all design calculations supplied.

### 1.1.7 SPRAYING

Spraying may only commence when the binder has reached the appropriate temperature, ground temperature conditions are conducive, all traffic management is in place and sufficient aggregate is on site (loaded onto spreader trucks).

Binder is to be covered with aggregate within 10 minutes (in air temperatures not exceeding 25<sup>0</sup> Celsius) or within 15 minutes (in air temperatures exceeding 25<sup>0</sup> Celsius). This time limit includes all 'wet ends' left for joining purposes.

Hand spraying is to be left to a minimum and care is to be taken by operators not to overspray on fishtails, tight radii and local widenings.

Spray rates are to be recorded and submitted to the Principal with tax invoices for payment purposes on completion of works.

### 1.1.8 AGGREGATE SUPPLY, PRECOAT AND APPLICATION

#### Supply

The aggregate used for seal works shall be crushed basalt or granite and consist of clean, tough, durable fragments free from an excess of thin or elongated pieces, free from soft or disintegrated pieces, stone coated with dirt or other deleterious matter.

The proportion of flat and elongated particles in any grading of coarse aggregate shall not exceed 20%. A flat particle is one having a ratio of length to width greater than three. There shall be no more than 2.5% of particles of greater length in any direction than twice the gauge, and there shall be no more than 20% of the particles of greater dimensions in any direction than 25% in excess of the gauge.

The elongation factor, which shall be defined as the ratio of an Average Long Dimension to the Least Average Dimension, shall not exceed 2.75.

The properties of the crushed aggregate shall satisfy the following requirements:

Physical Properties of Crushed Aggregate		
	Limit	Method or Test
Los Angeles Abrasion Value		MRWA Test Method
Basalt	25% max	WA 220.1
Granite	35% max	
Moisture Content	Dry (free of visible surface moisture)	WA 212.1 or 212.2
Flakiness Index	35% max	WA 216.1
Particle Size Distribution	As per table below	WA 210.1
Unsound Particles	5% max	AS1141.30
Water Absorption	2% max	AS11416.1

The limits on percentage of aggregate passing AS Sieves, by mass of sample shall be as follows:

AS Sieve Size (mm)	14mm	10mm
19.00		
16.00	100	
13.20	80-100	100
9.50	0-20	80-100
6.70	0-2	0-20
4.75		0-2
2.36		
1.18	0-0.5	0-0.5
<b>Particle Size Distribution Percentage by Mass Passing Each Sieve</b> (Mean of Three Samples) (Test sieve shall comply with the requirements of Grade B sieves defined in AS1152)		

Should it be found on testing that the material does not conform to the specifications it is to be removed from site and replaced at the Contractor's cost.

Tenderers are to provide details of the source of the aggregate i.e. location of quarry.

### **Precoat**

All aggregate used on seals is to be pre-coated with a bitumen based liquid (Bitumen Products – Pre-coat Supa 30/50 or approved equivalent) at an application rate of between 7 and 12 litres per cubic metre of aggregate. The pre-coat application rate is to be determined by the Contractor during the design process. An adjustment may be required to the amount of cutter used in the seal design due to the pre-coat.

Pre-coating of aggregate is to be carried out either at the quarry or stockpile by way of mechanical means with an application rate set per tonnage (or cubic metre) rate.

### **Aggregate Application**

Aggregate is to be spread by way of truck mounted box spreaders controlled either from the cab.

Only experienced operators and truck drivers are to be used.

Sufficient aggregate is to be on site, loaded in the trucks, prior to the commencement of spraying any binder. Binder is to be covered as set out in Section 1.1.7 (spraying) above.

Aggregate quantities are to be recorded and the rate of application checked against the design. Variations in the aggregate application rate are not to exceed 10m<sup>2</sup> per m<sup>3</sup>.

## **1.1.9 ROLLING**

Rolling is to be carried out by pneumatic rubber tyred self-propelled multi-wheel roller.

Rolling is to take place closely behind the aggregate spreaders while the binder is still fluid enough to adhere to the aggregate, and should cover the full width of the sprayed area.

As a general rule one roller hour is required for every 1,200 litres of binder sprayed.

## **1.1.10 PROTECTION OF WORKS**

The Contractor is responsible to protect the works for the first four hours by way of appropriate traffic control methods. The seal is to be inspected by the Contractor 24 hours after completion and any damage reported to the Principal.

## **1.1.11 ROAD SAFETY**

The Contractor is to erect temporary signage warning motorists of the presence of loose aggregate on the road for a minimum of three days after completion of the works. On removal of the signage any areas with an accumulation of aggregate are to be swept (ie curves and intersections).

### **1.1.12      FAILURES AND REMEDIES**

Any defects noted by the Principal within twelve months of the seal being laid attributable to poor workmanship, the seal design or substandard materials are to be remedied by the Contractor at his/her expense.

### **1.1.13      TRAFFIC CONTROL**

The contractor is responsible for all traffic control during the laying of seals. Any maintenance works on or in the near vicinity of public roads are to be assessed in terms of the Traffic Management for Roadworks - Code of Practice, and the necessary temporary signage erected by suitably qualified operators. In the event of traffic management plans being required for more complex works, the Principal will arrange suitable management approvals and measures.

Contractor's vehicles not directly involved with works are to be parked safely off the road or where possible on lesser-trafficked side roads. The backs of the vehicles where loading ramps are present are to be coned to alert road users. All temporary signage is to be removed once maintenance activities on or in the vicinity of the road verge is completed.

**The tenderer hereby confirms that all, of the above are included in the price tendered.**

---

**Tenderer's Signature**

## **FORM OF TENDER**

The undersigned hereby submits his/her tender for the Supply & Lay of Bituminous Products including Aggregate in accordance with all specifications and conditions of this document as follows:

All pricing must include GST.

Description	Unit	Quantity	Rate	Total
Supply and spray hot bitumen (including blinding) 95/5 @ 1.8L/m2 Primer seal 14mm	m <sup>2</sup>	46,500		
Supply and spray hot bitumen (including blinding) C170 Bitumen @1.1L/m2 1 <sup>st</sup> coat 7mm	m <sup>2</sup>	46,500		

Rates may vary on application of works.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Company address

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
Signature / Position

\_\_\_\_\_  
Name (please print)

Date \_\_\_\_\_