



## SPECIFICATION

FOR

TENDER: T721920HUN

SUPPLY AND DELIVERY

OF

*REGIONAL PROCUREMENT INITIATIVE®*

**Category 1 – DUCTILE IRON CEMENT LINED (D.I.C.L)  
PIPE**

**Category 2 – WATER AND SEWER FITTINGS**

**Category 3 – VALVES**

(Single Source per Category per Council)



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TENDER: SUPPLY AND DELIVERY OF  
Category 1 - DUCTILE IRON CEMENT LINED (D.I.C.L) PIPE  
Category 2 – WATER & SEWER FITTINGS  
Category 3 – VALVES  
(Single Source Tender per Category per Council)**

“The statement of purposes set out in this SPECIFICATION is not intended to be an exhaustive list of the purposes required by this agreement”.

## **1. SCOPE**

The supply and delivery of Ductile Iron Cement Lined (D.I.C.L) Pipes, Water & Sewer Fittings and Valves to nominated Client Councils. A range of products are listed in the Tender Price Schedules.

Tenders are to be submitted for all of the listed items for the Category being responded to. Where a listed item in a selected Category cannot be supplied the tenderer must list an equivalent product stating manufacturer and part number.

This tender will be awarded on a ‘Single Source supply’ per Category per Council format for the period stated at Clause 2.3 in the Deed of Agreement.

Tenderers are to submit their product catalogue/s in CD or USB format or have them accessible via the internet. Do not submit a hard copy of your catalogue with your tender submission. All products purchased from a tenderer shall be included in the Agreement.

D.I.C.L pipes, fittings and valves to be procured under this tender are intended primarily for conveying water under pressure however they may be used for conveying sewage or other liquids.

Participating Councils are:

- Mid-Western Regional Council
- Singleton Council
- Upper Hunter Shire Council

### **CONTRACTORS TO NOTE: (TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF THE DEED OF AGREEMENT):**

*From the commencement of this tender all vehicles over 5t GVM, plant and equipment entering the Principal’s work sites are to meet RMS requirements with regards to having at least one “AMBER FLASHING LIGHT” active whenever travelling in or operating on the site. The flashing light is to be mounted as near as possible to the top of the plant and clearly visible in normal daylight at a distance of 200 metres in all directions.*

***No deliveries shall be permitted without prior arrangements being made with the Principal’s Job Site Staff, and under no circumstances shall deliveries be made without a Principal’s representative being on site to instruct, receive, and document condition of supply.***

## **SPECIFICATION**

This specification is for the supply and delivery to site and the unloading of the following products used in the installation and/or repair of water mains and sewer mains.

### **Ductile Iron Pipes up to 750mm diameter and Fittings**

Such products will meet the following standards where applicable, covering manufacture and testing –

|                        |  |
|------------------------|--|
| AS/NZS 2638.2:2011     | Gate valves for waterworks purposes Part 2: Resilient Seated |
| AS/NZS 2280 – 2014     | Ductile iron pressure pipe and fittings                      |
| AS 3680 – 2008         | Polyethylene sleeving for ductile iron pipelines             |
| AS 3681 – 2008 (R2019) | Application of polyethylene sleeving for ductile iron piping |
| AS 3972-2010           | General purpose and blended cements                          |
| AS/NZS 4020:2018       | Testing of products for use in contact with drinking water   |
| AS 4087 – 2011         | Metallic flanges for waterworks purposes                     |

|                        |  |
|------------------------|--|
| AS 4158 – 2003 (R2015) | Thermal bonded polymeric coatings on valves and fittings for water industry purposes                                       |
| AS/NZS ISO9001:2016    | Quality systems: Model for quality assurance in production, installation, and servicing                                    |
| AS 1646 – 2007 (R2018) | Elastomeric seals for waterworks purposes  |
| WSAA                   | Water Services Association of Australia Product Appraisal number must be quoted for applicable Ductile Iron Pipe products. |
| ISO 2531:2009 (R2015)  | Ductile iron pipes, fittings, accessories and their joints for water applications  |

### **EXTERNAL CORROSION PROTECTION**

For pipelines that will be buried, the preferred external protection of pipes and fittings is fusion-bonded polyethylene. For rubber ring jointed, cement-lined pipes and fittings, the polyethylene extends over the end of the pipe to provide coverage of the socket. Subsequent cement lining overlaps the polyethylene lining.

Cathodic protection may be required in some instances, particularly long electrically continuous welded pipelines – all will require specialist advice on a project by project basis. Rubber ring jointed pipelines are not generally cathodically protected.

For pipelines that will be laid above ground, coating systems (for aesthetic and protective objectives) may be used. WSAA Materials Fact Sheet 1, Protective Coatings provides guidance on selection of a suitable system.

External protective coating is not required for steel pipes that will be concrete encased (e.g. road crossings).

### **STORAGE**

Steel pipes are flexible and care should be taken to avoid deformation. They should be supported clear of the ground so as to prevent excessive longitudinal bending. Coated pipes should not be stored in the open (UV exposure) for more than 12 months. Storage of rubber seals should be in accordance with AS 1646 Part 1 and the manufacturer's recommendations.

### **D.I.C.L UNIT RATE COSTS**

Tenderers are to note that D.I.C.L unit rate costs are to be priced PER METRE, NOT PIPE LENGTH. This will be clearly articulated in the Tender Price Schedule.

### **PRODUCT WEIGHTS**

Tenderers are required to show individual product weights in kilograms in the column provided in the Tender Price Schedule, this will give an indication of what to expect when shifting the products around on site and truck capacities.

### **G.S.T**

All unit rates are to be shown as GST exclusive.

### **TRANSPORTATION COSTS**

Tenderers are to note that freight costs are to be entered into the Tender Price Schedule as a separate costing. The Tender Price Schedule will allow Tenderers to price freight into the various zones nominated within each Council.

A zone map for each Council is provided. The Tender Price Schedule will correlate to the zone map for each council. Tenderers are to note that all purchase orders that have a combined tonnage greater than 22 tonnes are to be delivered to site free of charge. Therefore, Tenderers must ensure that their respective tender submissions allow for this.

Tenderers are required to price the various tonnage rates as **INCLUSIVE OF DELIVERY AND UNLOADING AT SITE**.

**NHVL (National Heavy Vehicle Law) and Regulations and the NHVR (National Heavy Vehicle Regulator) Chain of Responsibility (CoR)**

Regional Procurement and Participating Councils support and endorse the requirements of the NHVR (National Heavy Vehicle Regulator) Chain of Responsibility (CoR) and confirm that NHVL and NHVR CoR shall apply to each Category of this Specification.

Where a Participating Council is a consignee within the supply chain process then Participating Councils require that all Service Providers take positive action not to encourage nor require transport drivers to:

- (a) Exceed the speed limits;
- (b) Exceed regulated driving hours;
- (c) Fail to meet the minimum rest requirements;
- (d) Drive while impaired by fatigue.

Where a Service Provider (engaged under this contract) breaches the HVNL and/or HVNR CoR then Participating Councils may cancel any outstanding Purchase Orders placed with that Service Provider.

Cancellation of a Purchase Order in accordance with sub-clause 21.3 will not give rise to any claim against the Participating Council by the Service Provider.

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