

EXPRESSION OF INTEREST (EOI)

FOR

Deaerator & Feed Water Tanks

KWtE-03-PR-EO-ACC-0 Rev01 06

Version:	Date:	Prepared by:	Approved:
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1 Project overview

ACCIONA's Engineering, Procuring & Construction (EPC) contract will deliver the first of its kind in Australia, a \$700 million project in the Kwinana Industrial Area which will process up to 400,000 tonnes a year of household waste. Using best practice technologies and processes, the facility will export an estimated 36MW of electricity back to the grid – enough to power around 50,000 homes.



2 Summary of package

Supply, delivery and testing of Deaerator & Feed Water Tanks.

3 Standards applicable to the Project

AS/NZS ISO 544 2005 Welding consumables - technical delivery conditions for welding filler materials

AS/NZS 1170.1 2002 Structural design actions – Permanent, imposed and other actions

AS/NZS 1170.2 2011 Structural design actions – Wind actions

AS/NZS 1170.4 2007 Structural design actions, Part 4: Earthquake actions in Australia

AS 1252.1 (set) 2016 High-strength steel fastener assemblies for structural engineering

AS/NZS 1554 (set) 2014 Structural steel welding

AS 1674.1 (set) 1997 Safety in welding and allied processes

AS 1692 2006 Steel tanks for flammable and combustible liquids

AS 2214 2004 Certification of welding supervisors – structural steel welding

AS 2239 2003 Galvanic (sacrificial) anodes for cathodic protection

AS/NZS 2312.2 2014 Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings

AS/NZS 3678 2016 Structural steel – hot-rolled plates, floorplates and slabs

AS/NZS 3679.1

(set) 2016 Structural steel - Part 1: Hot-rolled bars and sections

AS/NZS1200 2015 Pressure equipment

AS 1210 2010 Pressure vessels

AS 1271 2003 Safety valves, other valves, liquid level gauges, and other fittings for boilers and unfired pressure vessels

AS 1796 2001 Certification of welders and welding supervisors

AS 2129 2000 Flanges for piping, valves and fittings

AS/NZS 2980 2018 Qualifications of welders for fusion welding of steels
AS 3892 2001 Pressure equipment – Installation
AS 3920 2015 Pressure equipment – Conformity assessment
AS/NZS 3992 2015 Pressure equipment – Welding and brazing qualification
AS 4037 1999 Pressure equipment – Examination and testing
AS 4041 2006 Pressure piping
AS 4458 1997 Pressure equipment – Manufacture

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