

EXPRESSION OF INTEREST (EOI)

FOR

Refuse Crane System

KWtE-03-PR-EO-ACC-0 Rev01 19

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, testing, delivery and Assembly of Refuse Crane System.

3 Standards applicable to the Project

- AS/NZS1200 2015 Pressure equipment
- 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 3873 2001 Pressure equipment – Operation and maintenance
- 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
- AS 1055.1 (set) 1997 Acoustics – Description and measurement of environmental noise – General procedures
- AS 1081.1 (set) 1990 Acoustics – Measurement of airborne noise emitted by rotating electrical machinery – Engineering method for free-field conditions over a reflective plane
- AS 1375 2013 Industrial fuel fired appliances
- AS 1403 2004 Design of rotating steel shafts
- AS 1418.1 (set) 2002 Cranes, hoists and winches – General requirements
- AS 2032 2006 Installation of uPVC pipe systems
- AS 2033 2008 Installation of polyethylene pipe systems
- AS 2382 1981 Surface roughness comparison specimens

AS 2427 2004 Smoke/heat release vents
AS 2428.1 (set) 2004 Methods of testing smoke/heat release vents
AS 2550.1 (set) 2011 Cranes, hoists and winches
AS 2665 2001 Smoke/heat venting systems
AS 2788 2002 Fluid power – pneumatic systems and components
AS/NZS 3500.1 2015 Plumbing and drainage – Part 1: Water services
AS/NZS 3500.2 2015 Plumbing and drainage – Part 2: Sanitary plumbing and drainage
AS/NZS 3500.3 2015 Plumbing and drainage – Part 3: Stormwater drainage
AS/NZS 3500.4 2015 Plumbing and drainage – Part 4: Heated water services
AS 3780 2008 The storage and handling of corrosive substances
AS/NZS 3788 2006 Pressure equipment - in-service inspection
AS 3990 1993 Mechanical equipment - steelwork
AS 4002.1 (set) 2001 Hydraulic fluid power – particulate contamination of systems
AS 4024.1201 (set) 2014 Safety of machinery – General principles – Basic terminology and methodology
AS 4332 2004 The storage and handling of gases in cylinders
AS 4776.2 2008 Liquid-chilling packages using the vapour compression cycle
AS 4991 2004 Lifting devices
AS/NZS 5149.1 (set) 2016 Refrigerating systems and heat pumps – Safety and environmental requirements
AS/NZS 5601.1 (set) 2013 Gas installations – Part 1: General installations
AS ISO 9906 2018 Rotodynamic pumps – hydraulic performance acceptance tests – grades 1, 2 and 3
AS 1345 1999 Identification of the contents of piping, conduits and ducts
AS 2360.0 (set) 1993 Measurement of fluid flow in closed conduits
AS 4323.1 (set) 1995 Secondary source emissions