

EXPRESSION OF INTEREST (EOI)

FOR

Piling Works (018)

Version:	Date:	Prepared by:	Approved:
00	7/11/18	AMN	

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

Piling Works including, but not limited to, design, supply, manufacturing, execution, plan, all management, supervision, engineering, technical support, labor, materials, transport, plant and equipment for the Piling works.

3 Standards applicable to the Project

- NCC 2016 National Construction Code
- AS 1170 Minimum design loads on structures
- AS 1170.1 Part 1: Dead and live loads and load combinations
- AS 1170.2 Part 2: Wind loads
- AS 1170.4 Part 4: Earthquake loads
- AS 3600 Concrete Structures
- AS 2159—2009 Piling—Design and installation
- AS 5131 2016 – Structural Steelwork – Fabrication and Erection
- AS/NZS 3678 Structural Steel – Hot rolled plates, floorplates and slabs
- AS/NZS 3679 Structural Steel
- AS/NZS 1110 ISO metric precision hexagon bolts and screws
- AS/NZS 1111 ISO metric hexagon commercial bolts and screws

- AS/NZS 1112 ISO metric hexagon nuts, including thin nuts, slotted nuts and castle nuts.
- AS/NZS 1252 High strength steel bolts with associated nuts and washers for structural engineering.
- AS/NZS 1559 Hot-dip galvanized steel bolts with associated nuts and washers for tower construction.
- AS 1141 Methods of sampling and testing aggregates
- AS 1012 Methods of testing concrete - Sampling of concrete
- AS 2350 Methods of testing portland and blended cements
- AS 1289 Methods of testing soils for engineering purposes
- AS ISO 13007 Ceramic tiles - Grouts and adhesives - Terms, definitions and specifications for grouts
- AS 1478 Chemical admixtures for concrete, mortar and grout - Admixtures for concrete
- AS 2758 Aggregates and rock for engineering purposes
- AS/NZS 3582 Supplementary cementitious materials
- AS 3972 General purpose and blended cements

In the event an Australian Standard is not available the relevant and agreed International Standard will be used.

4 Instructions

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

<https://gateway.icn.org.au/project/4220/kwinana-waste-to-energy-project>