SUBMISSION REQUIREMENTS

For Strategic Wastewater, Water, Drainage, and Mechanical
Conveyance System Components

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SUBMISSION REQUIREMENTS

For Strategic Wastewater, Water, Drainage, and Mechanical Conveyance System Components

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1 Purpose and Scope

The Corporation may elect to evaluate a strategic product where it considers that the product could potentially provide a material long term benefit of significance to its infrastructure business. The Corporation is under no obligation to evaluate any product, notwithstanding the issue of a relevant appraisal report by WSAA or product authorization by another Australian water business.

The following requirements apply where a submitting organisation elects to submit an application for the authorization of any product that is intended for use in Corporation infrastructure applications. Prior to making a formal product authorization submission, the submitting organisation should, typically, investigate the product fit with Corporation infrastructure by active reference to:

- Water and wastewater infrastructure project engineering designers;
- Infrastructure project purchasers and constructors/installers;
- Corporation water and wastewater network maintenance and operating personnel;
- Corporation infrastructure spares procurement and stores personnel.

2 Preliminary Product Assessment Requirements

A submission for the authorization of a new product or product range shall identify and match product performance attributes to specific Corporation infrastructure applications, which shall be nominated in the submission.

The Corporation will appraise the submission on the basis of the potential of the product performance characteristics and infrastructure fit – as nominated by the supplier - to add significant material value to Corporation infrastructure business over the demonstrated product service life.

Submissions shall be in the format shown in Appendix 1 - Supplier Submission Information Checklist and shall be directed via e-mail to productsubmissions@watercorporation.com.au.

Preliminary submissions shall be succinct and shall not be supplemented by technical brochures, marketing/sales literature, CAD drawings, product compliance test result detail sheets or product endorsement references by others, except as specifically required by the Supplier Submission Information Checklist.

3 Detailed Product Assessment Requirements

Where a preliminary product assessment identifies a significant potential to add material value to the Corporation’s infrastructure business, an in-depth appraisal may, typically, be required to establish:

- Product design/structural engineering validation including engineering calculations and material strength data modelling as necessary to support the nominated material, structural, dimensional, mechanical and hydraulic characteristics;
- Product conformity with relevant product standards including characteristic type test evidence. Where evidence of WaterMark (or equivalent) product certification proves impracticable to produce (e.g. absence of an acceptable national or international product standard), consideration may be given to a formal product manufacturing and testing inspection and test plan (ITP). Such ITP shall detail product type and routine (batch release) test methods and test frequencies;
- Assembled product structural and hydraulic integrity characteristics where the product comprises a system of integrated or interconnected components and parts (e.g. precast concrete access chambers and multi-part access covers with frames). Typically, this shall require original product assembly drawings and associated calculations that have been duly validated/endorsed by a suitably qualified engineering design professional;
Demonstrated product in-service durability and resistance to environmental and biogenic corrosion in buried and above ground exposures.
4 Appendix 1 - Supplier Submission Information Checklist

4.1 Submitting organisation

Organisation Name

Contact Person

Contact Email

Contact Telephone

4.2 Product information

Product brand/name

Product functional descriptor (e.g. pipe flange adapter)

4.3 Supporting documentation

4.3.1 Submission letter

Each written submission shall summarise the following:

- Name of vendor/supplier submitting the application, and, where different, the original product manufacturer;
- Street and mailing address of vendor and original product manufacturer;
- Vendor contact details for providing information on product component materials, engineering, in-service performance characteristics and conformance with appropriate product standards;
- A brief summary of the scope of the product range, including:
  - Primary function (e.g. pipe joint coupling, pump, valve);
  - Body materials (e.g. DI, MS, SS type 316);
  - Joint/end connection, axial restraint and sealing configuration range;
  - Mechanical fastener configuration and materials;
  - Lining and coating materials (e.g. FBE, PE, CML);
  - Size range to be considered (e.g. DN 100-DN 400);
  - Rated internal pressure (e.g. NP, PN16, PN 20, PN 25, PN 35);
  - Compatibility with nominated Corporation pipe or other infrastructure components (e.g. PVC/PE/MS/GRP pipe joint coupling, AS 4087 flange or other).
- Locations of manufacturing facilities from whence product supplied;
- Brief outline of vendor capacity to provide technical, installation training and product spares support to Corporation designers, installers and system operators across WA.
4.3.2 **Product summary table**

Brief written declaration of product constituent materials, size and end/shape configuration range, dimension series, rated structural stiffness, pressure and axial restraint classes and other key characteristics e.g. coatings, linings and coating/lining repair, methodologies, as appropriate to the range of products to be assessed.

Supplier Comments:

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4.3.3 **Product Samples**

A typical product sample, subject to bulk/size practicability, or a mutually acceptable opportunity to jointly observe/inspect a representative sample product at close quarters in a local area.

Supplier Comments:

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4.3.4 **AS/NZS 4020 test reports**

For water conveyance applications, a current valid test report for all wetted product components, demonstrating conformity with the current version of AS/NZS 4020.

Supplier Comments:

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4.3.5 **WSAA product appraisal**

A current valid WSAA product appraisal report for the nominated product range including extent of conformity with a relevant Australian or alternative acceptable standard.

All deviations from the product characteristics covered by a WSAA appraisal report (e.g. product coating or component changed from X to Y) and the reasons for deviation shall be declared.
4.3.6 Product certification

Evidence of current valid product certification. This should comprise WaterMark certification or an acceptable equivalent product Certificate of conformity with appropriate published product standards, duly issued by an accredited (e.g. JAS/ANZ) product Conformity Assessment Body.

Supplier Comments:

4.3.7 Technical product usage applications and constraints

A technical declaration of product purpose including performance constraints and limitations on exposure to particular buried and external environments, pressure rating, compatibility with Corporation infrastructure and installation methodology constraints. Declared performance values and limits shall be supported by appropriate test report summaries and succinctly presented authoritative technical evidence.

Supplier Comments:

4.3.8 Conformity with Strategic Product Specifications

A formal written statement and supporting technical documentation that confirms product conformity with an appropriate Corporation Strategic Product Specification (SPS), where an SPS of relevance to the product has been published.

Supplier Comments:

4.3.9 Quality management certification

A current, valid certificate of product supplier (and supply system) conformity with ISO 9001 by a duly accredited QM system Conformity Assessment Body.
Supplier Comments:

### 4.3.10 Insurance cover statement

Confirmation of current professional, product and public liability insurance coverage as applicable to the submitting organisation.

Supplier Comments:

NOTE: A submitting organisation is required to provide comments in the “Supplier Comments” text box under each checklist heading. Comments should be brief, to the point and should support a preliminary (high level) technical assessment of product value to and fitness for particular Corporation infrastructure applications, as nominated by the submitting organisation.

Disclaimer: The foregoing checklist headings are not exhaustive but are intended to guide suppliers in the provision of initial preliminary information whereby the Corporation may assess potential product service longevity and value to its infrastructure business. Subject to this assessment, the Corporation may request product performance information in greater detail.
END OF DOCUMENT