



Assets Planning and Delivery Group
Engineering

PRODUCT SUPPLIER SUBMISSION REQUIREMENTS

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

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REVISION STATUS

The revision status of this standard is shown section by section below:

REVISION STATUS						
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Cover	2/1	7.12.23	Cover	“Product Supplier” added to Main Title	KR	KP
1	2/0	28.10.20	All	New Version	KR	KP
				Uncontrolled 2017 Manual content replaced in its entirety		
2	2/0	28.10.20	All	New Version	KR	KP
				Uncontrolled 2017 Manual content replaced in its entirety		
2	2/1	7.12.23		Requirement for prior WSAA appraisal & summary of conformity evidence added	KR	KP
3	2/0	28.10.20	All	New Version	KR	KP
				Uncontrolled 2017 Manual content replaced in its entirety		
3	2/1	7.12.23		Requirement for conformity evidence (WSAA appraisal report details and test results)	KR	KP
4	2/0	28.10.20	All	New Version	KR	KP
				Uncontrolled 2017 Manual content and submission examples replaced in their entirety		
4	2/1	7.12.23		Requirement for (a) prior WSAA appraisal, (b) Suppliers to complete Technical Compliance Schedules and (c) “SupplierComments” not to be blank or passed off by references to separate attachments. Product drawings and, in limited cases, product samples required	KR	KP

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 may decline to evaluate any product, where little or no strategic or tangible benefit to its infrastructure is demonstrated.

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, reference product compatibility with Corporation standard drawings and configuration requirements via <https://www.watercorporation.com.au/home/suppliers/resources/design-standards>, including:

- Compatibility with applicable engineering Design Standards;
- Compatibility with Product Specifications and Strategic Products Registers; and
- Consultation with water, wastewater, main drainage, mechanical and electrical engineering and operational experts with significant Corporation infrastructure design and operational experience.

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. Product conformity with nominated product standard(s) and product specifications shall be verifiable by reference to a relevant desktop WSAAs product appraisal report and to evidence of conformity with relevant product specifications and standards (e.g. performance test results).

The Corporation will appraise eligible product submissions, strictly on the basis of

- Demonstrated product potential to add significant material (e.g. ease and consistency of operation, enhanced serviceability) value to Corporation infrastructure over its nominated service life;
- Nature, extent and coverage of supplier's product warranty in terms of in-service performance longevity across the full range of stated service performance characteristics.

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 bulky 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 strategic 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;
- Details of product conformity with nominated product standard(s), typically by reference to the detail of relevant published WSAAs appraisal reports and, in particular, provision of independently witnessed performance test results as core evidence of conformity;
- Explicit documentary evidence of ISO Type 5 product certification in accordance with WSAAs Technical Note WSA TN-08;
- Where evidence of product conformity certification proves impracticable to produce (e.g. in the absence of relevant national or international product standards), consideration may be given to the

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

use of a formal product manufacturing and testing inspection and test plan (ITP) that has been embodied in an ISO 9001 accredited product factory management system. Such ITP shall detail product type and routine (batch release) test methods and test frequencies, that have been agreed by the Corporation;

- 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 engineering calculations that have been duly validated/endorsed by a suitably qualified engineering design professional;
- Product durability and resistance to nominated environmental and biogenic corrosion exposure levels in buried and above ground exposures over the nominated product service life. This may include a requirement for submission of product samples (e.g. valves, pumps etc) for detailed evaluation of body structure, materials, internal coatings and serviceability, by the Corporation.

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 and material grades for all component parts, duly supported by sectional drawings for significant component assemblies e.g. valves, pumps and the like;
 - 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 all manufacturing facilities from whence product to be supplied;
- Brief outline of vendor capacity to provide technical, installation training and product spares support to Corporation designers, installers and system operators across WA.

Supplier Comments:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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. In particular cases, product evaluation may require the submission for inspection by the Corporation of a product (e.g. valve, pump, other) sample to enable detailed evaluation of material integrity/durability, serviceability and coating/lining continuity. Where required, this may be arranged at a suitable mutually agreed local premises or place of inspection.

Supplier Comments: *(Where product components/materials are detailed in a separate attachment, a summary description of the attached key information points should also be provided here. DO NOT LEAVE BLANK)*

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:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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 product standard.

All deviations from the product characteristics covered by the WSAA appraisal report (e.g. product coating or component changed from X to Y) and the reasons for deviation shall be declared and justified in terms of compatibility with Corporation infrastructure requirements.

Supplier Comments:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

4.3.6 Product certification

Evidence of current valid product certification e.g. product range certificate of conformity with appropriate published product standards, duly issued by an accredited (e.g. JAS/ANZ) product Conformity Assessment Body. Details of this evidence should be verifiable by reference to a valid current WSAA appraisal report.

Supplier Comments:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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. Where a relevant SPS includes a Technical Compliance Schedule, the Supplier shall provide specific confirmation of product conformity with each product element of that Schedule together with conclusive technical supporting evidence of compliance. The Supplier shall explicitly detail each non-conformity with scheduled (required) product characteristic(s).

Supplier Comments:

(Provide a summary description here of each non-conformity with any/all product characteristic(s) nominated in the Technical Compliance Schedule of the SPS. DO NOT LEAVE BLANK)

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:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

4.3.10 Insurance cover statement

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

Supplier Comments:

(Where attachments are separately provided, a summary description of the key information points of the attachments should also be provided here. DO NOT LEAVE BLANK)

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 or may decline consideration of a product that offers little or no strategic or tangible benefit to its infrastructure business.

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