



## SCOPE OF WORKS

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Moura and Biloela Water Treatment Plant (WTP's)  
Instrumentation Upgrade

CONTRACT NO.: T2324.39

## 1. THE SCOPE OF WORKS

- 1.1 **(Documents comprising this Scope of Works)** The Scope of Works comprises this Scope of Works, including;
- (a) Technical Specification
  - (b) General Specification
  - (c) Appendix A – Schedule of Prices and Rates
  - (d) Appendix B – Schedule of Technical Particulars
  - (e) Appendix C – PFD Redlines
  - (f) Appendix D – P&ID Redlines
- 1.2 **(Precedence of documents comprising the Scope of Works)** The documents comprising the Scope of Works shall be taken to be mutually explanatory. If there is any ambiguity, inconsistency, conflict or discrepancy between any of the documents listed in clause 1.1 then the documents will take precedence in the order set out in clause 1.1, with the document listed at 1.1 being the highest in the order.
- 1.1 **(Documents incorporated by reference into the Scope of Works)** The Contractor is deemed to have obtained copies of, read, understood, and allowed for compliance with the Scope of Works (including any documents which are incorporated into it by reference only).
- 1.2 **(Definitions)** Capitalised terms used in the Scope of Works have the meanings assigned to them in the General Conditions of Contract (if any) unless the context otherwise requires. Terms which are separately defined in a clause of this Scope of Works have the meanings given in those clauses.

## 2. SCOPE OF WORKS

The Works Under the Contract (WUC) are located in Moura and Biloela Water Treatment Plant in Banna Shire Council. The existing Moura and Biloela WTPs each currently utilise a combination of manual and automated monitoring methods to track water quality parameters. While the existing systems provide some level of data collection, it is not fully integrated and do not provide real-time insights into the treatment processes. This can lead to delayed response times to water quality excursions and potential compromises in water safety. Council wishes to upgrade the instrumentation at each site to bring the systems in line with typical automated control systems at modern WTPs and reduce the level of operator involvement. This automation, a major part of the Works required, will involve the provision of new process instrumentation, connection to the existing control systems and updates to the existing control systems.

The Works required under this Contract are listed in the Scope of Works below and addressed in more detail in other sections of this Specification.

It is noted that the Works will need to be scheduled and undertaken in a manner which allows the WTP to continue to operate in a practical and safe manner, with minimal shutdown periods for connection of the new equipment.

- 2.1 The Contractor must carry out WUC in accordance with the Technical Specification, General Specification.

### 3. APPROVALS AND OTHER LAW

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- 3.1 **(Identifying, obtaining and maintaining Approvals)** The Supplier must identify and notify the Principal of all Approvals which are necessary for the proper performance of the Services (other than Approvals which the Principal has advised the Supplier it has already obtained). The Supplier must obtain and maintain all such Approvals until all of the Supplier's other obligations under the Contract are complete. The cost of obtaining and maintaining all such Approvals shall be borne by the Supplier.
- 3.2 **(Compliance)** The Supplier must and must ensure that its Personnel comply with all Approvals and other law which are in anyway applicable to the Services, including, unless the Contract expressly provides otherwise, by paying all fees, royalties, levies, charges, costs, expenses, taxes or duties.
- 3.3 **(Obtaining or granting of Approvals by Principal)** The Principal gives no warranty and makes no representation that:
- (a) it will be able to obtain, or obtain within any particular time; or
  - (b) where the Principal is the relevant Authority, that it will grant,
- any Approval required for the Supplier to perform the Services.
- 3.4 **(No fetter)** Nothing in the Contract shall be taken to fetter the power, rights or authority of the Principal as the sublessor under the *Land Act 1994* (Qld) or an Authority under the *Local Government Act 2009* (Qld), the *Local Government Regulation 2012* (Qld) or any other law.
- 3.5 **(Provision of the Services)** The Supplier must, and warrants and represents that it will, perform the Services so that the Site, at all times during the Term, complies with all Approvals and other applicable law.
- 3.6 **(Obligation to report breach)** The Supplier must notify the Principal immediately if it becomes aware of or reasonably suspects in the course of carrying out its obligations under the Contract, that the Supplier has breached an obligation under clauses 3.1, 3.2 or 3.3. Unless otherwise directed by the Principal, the Supplier must take immediate steps to remedy such a breach at its expense.

### 4. PROCUREMENT SERVICES

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- 4.1 Where the Services require the Supplier to manage, conduct or otherwise participate in a Procurement Process for the engagement of a contractor or other supplier by the Principal, then the Supplier must, and must ensure that its Personnel, to the extent that it is within the control of the Supplier or its Personnel ensure that the procurement process is conducted consistently with:
- (a) the Principal's procurement policy;
  - (b) the *Local Government Act 2009* (Qld) and the *Local Government Regulation 2012* (Qld);
  - (c) the requirements of the request for tender or request for quotation documentation issued to tenderers;
  - (d) any probity plan or evaluation plan implemented for the Procurement Process;

- (e) principles of probity; and
- (f) Good Industry Practice,

with a view to ensuring that the selected contractor or supplier is the most advantageous to the Principal having regard to the sound contracting principles in section 104 of the *Local Government Act 2009* (Qld).

### 5. SUPERINTENDENT SERVICES

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5.1 **(Primary obligations)** Where the Services require the Supplier or any of its Personnel to fulfil the role and functions of the Superintendent or similar under a Construction Contract, the Supplier must, and must ensure that its Personnel, in doing so:

- (a) comply with and act consistently with any requirements of the Construction Contract as to the manner in which those roles and functions are to be fulfilled including (where applicable) by:
  - (i) giving any directions, documents or notices required or permitted to be given by the superintendent under the Construction Contract; and
  - (ii) assessing all claims made under the Construction Contract,  
  
in accordance with the requirements of the Construction Contract for the giving of such directions, documents and notices and the making of such assessments;
- (b) use its or their reasonable endeavours to ensure that the Construction Contractor complies with the Construction Contract, including by exercising the available rights and powers of the superintendent under the Contract;
- (c) keep the Principal fully informed of all relevant matters under the Construction Contract;
- (d) unless and then only to the extent (if any) that to do so would be inconsistent with the Construction Contract:
  - (i) act as the Principal's agent;
  - (ii) act in the best interests of the Principal;
  - (iii) seek and act in accordance with the instructions of the Principal; and
  - (iv) do all other things necessary to protect the Principal's rights and interests under the Construction Contract.

5.2 **(No waiver or limitation)** The Supplier must not, and must ensure that its Personnel do not, do or omit to do anything where that act or omission could operate so as to waive or limit the rights of the Principal under or in connection with the Construction Contract or otherwise prevent the Principal from exercising any right under or in connection with the Construction Contract.

5.3 **(Security of payments)** The Supplier:

- (a) is authorised to prepare and issue payment schedules in response to any payment claims made by the Construction Contractor pursuant to the *Building Industry Fairness (Security of Payment) Act 2017* (Qld) in relation to the Construction Contract;
- (b) must take all reasonable steps to identify all documents which may constitute such payment claims and immediately provide a copy of such documents to the Principal;
- (c) if requested by the Principal, promptly give to the Principal a copy of the payment claim and any other information or documentation required by the Principal in connection with the payment claim;
- (d) must provide such other assistance as the Principal may reasonably require in connection with the payment claim and any related proceedings whether under the Act or otherwise.

### 5.4 (Definitions) In this clause:

- (a) **Construction Contract** means a construction contract between the Principal and the Construction Contractor for the construction of any works the subject of the Services, and includes any construction contract specifically identified in the Contract;
- (b) **Construction Contractor** means the contractor engaged by the Principal under the Construction Contract;
- (c) **Superintendent** means the person appointed to fulfil the role and functions of the superintendent pursuant to a Construction Contract, and includes a superintendent's representative.

## 6. DESIGN SERVICES

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6.1 **(Design services)** In addition to the warranties and representations contained in the General Conditions, where the Services include Design Work, the Supplier warrants and represents that the works the subject of the Design Work are neither over-designed nor under-designed and that to the extent to which it is within the control of the Supplier, any works constructed in accordance with the Design Documents will:

- (a) meet or exceed the minimum performance characteristics and standards identified in the Contract;
- (b) be fit for the purpose or purposes stated in or to be reasonably inferred from the Contract and any other purpose for which such works are commonly provided or which has been made known by the Principal to the Supplier; and
- (c) be capable of achieving the Design Life.

6.2 **(Use of Design Documents)** In addition to the rights provided under clause 31 of the General Conditions, the Supplier consents to the Principal using, copying, reproducing, modifying and adapting the Design Documents for any purpose in connection with the construction, use, maintenance, operation, modification or replication of the Works or works similar to the Works.

6.3 **(Definitions)** In this clause:

- (a) **Design Documents** means the drawings, specifications and other information, samples, models, patterns and the like (if any) required by the Contract and created (including by the Supplier) as part of the Services;
- (b) **Design Life** means the design life stated in or to be reasonably inferred from the Scope;
- (c) **Design Work** means the preparation, review, modification or certification of any documentation describing the design and/or specification requirements of any work or item;
- (d) **Works** means the works the subject of the Design Documents.

## 7. BIOSECURITY MANAGEMENT

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### 7.1 (Definitions) In this clause:

- (a) a **biosecurity risk** is the risk that exists when dealing with:
  - (i) any pest, disease, or contaminant (including plants, seeds, spores, eggs, vertebrate and invertebrate pest); or
  - (ii) something that could carry a pest, disease or contaminant (e.g. animals, plants, soil, equipment and water—known as 'carriers').
- (b) a **potential biosecurity risk** is a biosecurity risk that does not currently occur at the Site but which has the capacity to occur at the Site. It may be present but not visible or may be introduced during the performance of the Supplier's obligations. It includes risks associated with carriers and the movement and sourcing of materials, vehicles, and machinery; and the disturbance, import or export of soils.
- (c) a **known biosecurity risk** is a biosecurity risk that is currently recorded within the footprint or proximity of the Site which is:
  - (i) identified within biosecurity plans or programs active for the area;
  - (ii) identified during the performance of the Supplier's obligations; or
  - (iii) otherwise identified by the Principal.

7.2 **(Preparation of plan)** The Supplier shall prepare a biosecurity risk management plan (**BRMP**) to ensure reasonable and practical steps are taken to address biosecurity risks and that the Supplier meets its general biosecurity obligation (as that term is used in the *Biosecurity Act 2014* (Qld)). The primary purpose of the BRMP is to address both potential biosecurity risks and known biosecurity risks.

7.3 **(Training)** The Supplier shall ensure that all relevant Personnel are trained to be aware of biosecurity risks.

7.4 **(Notice of breach or risk)** If at any time during the performance of the Supplier's obligations a breach of the BRMP or a significant biosecurity risk is identified, then the Supplier must immediately contact the Principal for direction.

### 8. QLEAVE

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- 8.1 **(QLeave)** The Supplier must comply with obligations under the *Contract Cleaning Industry (Portable Long Service Leave) Act 2005* (Qld) including by paying all levies payable pursuant to that Act and registering with QLeave.

### 9. PRINCIPAL SUPPLIED INFORMATION AND OTHER INVESTIGATIONS

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- 9.1 **(Definitions)** In this clause “**Principal Supplied Information**” means any information relating to the Contract which does not form part of the Contract but which is or has been provided or made available by or on behalf of the Principal to the Supplier in any form, whether such information is made available before or after the date of the Contract.
- 9.2 **(Acknowledgement and agreement by Supplier)** The Supplier acknowledges and agrees that:
- (a) the Principal gives no warranty and makes no representation in respect of this Contract. Without limiting this, the Principal gives no warranty and makes no representation:
    - (i) that the Principal Supplied Information is accurate, adequate or complete; and
    - (ii) as to the physical condition, suitability or other characteristics of the Site;
  - (b) the Supplier has not relied and will not rely on the Principal Supplied Information unless and until the Supplier has independently verified the adequacy, accuracy and completeness of that information;
  - (c) the Supplier:
    - (i) has carefully, thoroughly and critically reviewed, examined, investigated, inspected and checked the Principal Supplied Information and the Site and undertaken all other necessary enquiries and investigations to satisfy itself of the suitability of the Site to enable the Supplier to comply with its obligations under this Contract and of any other logistical considerations, risks, contingencies and other circumstances which could have an effect on the cost of carrying out and completing Services or compliance with the Supplier's other obligations under the Contract;
    - (ii) the Supplier has made its own interpretations, deductions and conclusions from such enquiries and investigations and accepts full responsibility for those interpretations, deductions and conclusions; and
    - (iii) the Supplier, having undertaken those enquiries and investigations, accepts the risk of any inadequacy, inefficiency, deficiency or fault in the Site and that it can and will carry out and complete the Services in accordance with the Contract and comply with its other obligations under the Contract for the Price (as adjusted pursuant to the Contract); and

- 9.3 **(No liability)** The Principal shall not be liable upon any Claim by the Supplier in connection with the Principal Supplied Information or the physical condition, suitability or other characteristics of the Site.

### 10. MANAGEMENT PLAN

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- 10.1 **(Preparation)** The Supplier must, prior to commencing the Services, prepare and obtain the Principal's approval of a management plan or plans which addresses the following matters:

- (a) Contractor submit the plan schedule to the project manager

If the Principal notifies the Supplier that all or part of the plan(s) is not suitable, the Supplier must at its cost amend and resubmit the relevant plan(s).

- 10.2 **(Updating)** The management plan must be updated as often as required to:

- (a) ensure that the Supplier continues to comply with the warranties and representations as to Supplier Documents given in the Contract;
- (b) address any deficiencies in the systems described in the plan of which the Supplier becomes aware; and
- (c) take into account any Variations or improvements in the Services.

A copy of a revised management plan must be submitted to the Principal for approval prior to implementation of it.

- 10.3 **(Compliance)** The Supplier must comply with the management plan at all times whilst performing the Services. Such compliance will not release or discharge the Supplier from any liability or obligation under the Contract.

### 11. MEETINGS

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- 11.1 **(Meetings)** The Supplier must, at the following times:

- (a) Meeting schedule send to the project manager in advance

and when otherwise reasonably required by the Principal, meet and in good faith discuss the performance of the Supplier and/or any other matter concerning the Principal in connection with the Contract including:

- (b) the Supplier's performance of its obligations under this Contract, including the Service Level(s) (if any) identified in the Contract;
- (c) to promote safer and quieter work practices; and
- (d) improvements to efficiency of the Supplier's obligations under the Contract.

- 11.2 **(Recommendations or directions)** The Supplier must comply with any reasonable recommendations or directions given by the Principal in relation to the performance of the Supplier's obligations under the Contract. Such compliance will not release or discharge the Supplier from any liability or obligation under the Contract.



### 12. SERVICE RECORDS AND AUDITING

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12.1 **(Creation)** The Supplier must:

- (a) create and maintain the following:
  - (i) service record list of all machinery's that related with this project
- (b) create and maintain the records, reports and other documents required by the Contract and any other records, reports or documents reasonably required by the Principal in connection with the Contract; and
- (c) create any document required to be prepared under the Supplier's management plan prepared under the Contract,

**(Service Records)**.

12.2 **(Audit)** The Principal may at any time during the Term, on the giving of reasonable notice, audit the Supplier's compliance with the Contract or any obligation under it. The Supplier shall facilitate the audit by:

- (a) allowing the auditors to undertake any inspections or tests;
- (b) providing such assistance, information and access to the Site, systems and equipment and other cooperation;
- (c) providing to the auditor with copies of, facilitating the copying by the auditor of, the Services Records and all other records, information and documentation,

reasonably required by the auditor.

If the audit reveals any non-compliance by the Supplier with its obligations under the Contract, then the costs reasonably and necessarily incurred by the Principal in conducting the audit shall be a debt due and payable by the Supplier. Otherwise, the Principal shall bear the cost of the audit.

### 13. PERSONAL PROPERTY SECURITIES

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13.1 **(Definitions)** In this clause, PPS Act means the *Personal Property Securities Act 2009* (Cth). Terms used in this clause which are defined in the PPS Act have the meanings given in that Act.

13.2 **(Disclosure)** If this Contract contains a security interest, then each Party agrees for the purposes of section 275(6) of the PPS Act that it will not disclose information of the type referred to in section 275(1) of the PPS Act where a request is made under section 275(1) of the PPS Act in relation to this Contract or any part of it, except in circumstances where the Party is compelled by law (other than section 275(1) of the PPS Act) to make that disclosure.

13.3 **(Supplier's obligations)** If the Principal determines that any clause of this Contract, or a transaction contemplated by this Contract or in connection with the performance of its obligations under this Contract constitutes, or is likely to give rise to a security interest in respect of which the Principal is the security holder, then:

- (a) the Supplier must, within the time required by the Principal, provide all assistance and cooperation requested by the Principal that the Principal determines is reasonably required to:
- (i) register and maintain the registration of its security interest on the personal property securities register within any applicable time limits relevant to the effectiveness of the security interest;
  - (ii) ensure that the Principal's security interest is enforceable against third parties, perfected or otherwise effective;
  - (iii) ensure that the security interest has the appropriate priority required by the Principal (including where applicable as a purchase money security interest);
  - (iv) ensure that any security interest granted temporary perfection under the PPS Act is perfected by registration or other appropriate means prior to any applicable expiry of that temporary perfection; and
  - (v) enable the Principal to register financing statements or financing change statements under the PPS Act with respect to any such security interest;
  - (vi) the Supplier waives the right to receive notice of a verification statement in relation to the registration of that security interest;
  - (vii) the Supplier shall not register or permit to be registered any other security interest in respect of the personal property that comprises the collateral in respect of that security interest other than one that has been consented to or granted by the Principal
  - (viii) the Supplier shall not cause or allow any of the Supplier's personal property to become an accession to the Principal's personal property or cause or allow the Principal's personal property to become an Accession to the Supplier's personal property without the prior consent of the Principal, and
  - (ix) the Supplier must immediately notify the Principal if any other person claims or attempts to enforce a security interest:
    - (A) in the Principal's personal property, or
    - (B) in the Supplier's personal property to the extent that that purported enforcement affects or has the potential to affect the Supplier's ability to carry out its obligations in accordance with the terms of the Contract.