Compulsory

T2.2-01: Eligibility Criteria - CIDB Grading Designation

Note to tenderers:

Tenderers are to indicate their CIDB Grading by filling in the table below. **Attach a copy of the CIDB Grading Designation or evidence of being capable of being so registered.**

CRS Number	Status	Grading	Expiry Date

1. Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a **7CE** or **higher** class of construction work, are eligible to have their tenders evaluated.

2. Joint Venture (JV)

Joint ventures are eligible to submit tenders subject to the following:

1. every member of the joint venture is registered with the CIDB;
2. the lead partner has a contractor grading designation of **not lower than one level one level below** the required grading designation in the class of construction works under consideration and possesses the required recognition status; and
3. the combined Contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a Contractor grading designation determined in accordance with the sum tendered for a **7CE or higher** class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations
4. the Contractor shall provide the employer with a certified copy of its signed joint venture agreement;
5. and in the event that the joint venture is an 'Incorporated Joint Venture' the Memorandum of Incorporation to be provided within 4 (four) weeks of the Contract Date.

Compulsory

T2.2-02 Eligibility Criteria with regards to the Key Resource Professional Registration

a) Proof of Construction Manager Registered with SACPCMP as a Professional Construction Manager (Pr. CM)

Project Manager (Name): _____

Professionally registered with _____ as _____

b) Proof of Health & Safety Officer: Registered with South African Council for the Project and Construction Management Professions (SACPCMP). CHSO

Health & Safety Manager/Officer (Name): _____

Professionally registered with _____ as _____

c) Proof of Mechanical Engineer: Registered with Engineering Council of South Africa (ECSA) as Pr. Eng. Mechanical or Pr. Tech Mechanical

Mechanical Engineer (Name): _____

Professionally registered with _____ as _____

d) Proof of Structural Engineer: Registered with Engineering Council of South African (ECSA) as Pr. Eng Civil or Pr. Tech. Civil

Structural Engineer (Name): _____

Professionally registered with _____ as _____

Note: Tenderers without proof of registration and accreditation will be disqualified.

T2.2-03: Evaluation Schedule - Method Statement

1. Scope

The method statement must detail the technical approach and fully cover the removal of steel lids and installation of reinforced concrete lids, embedded locks, gearbox modifications, and associated embedment's, as per contract drawings and scope.

2. Equipment & Material Controls

In addition to the general methodology for the project, the method statement must provide a list of all equipment that will be utilized for this project. The equipment list must be aligned with the project requirements, and specifications.

3. Interfaces Management

In addition to the general methodology for the project, the method statement must provide how Interfaces will be managed between the systems, and detail coordination points between civil, mechanical, commissioning and site teams, with assigned responsibilities?"

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The scoring of the Method Statement / approach paper will be as follows:

Score	Method Statement (10)	Equipment & Material Controls: (5)	Interface Management (5)
0	The Tenderer has submitted no information or inadequate information to determine a score.	The Tenderer has submitted no information or inadequate information to determine a score.	The Tenderer has submitted no information or inadequate information to determine a score.
20	N/A	N/A	N/A
40	N/A	N/A	N/A
60	The method statement has some errors, risks, weaknesses or omissions, which can be corrected /overcome with minimum effort.	The equipment list provided is not comprehensive, with minor omissions which can be corrected with minimum effort	The interface methodology is relevant but basic, some details are missing.
80	The method statement is comprehensive and demonstrates that they fully understand the project requirements, they have supplied clear, detailed information.	A comprehensive equipment list is provided, and it demonstrates that they fully understand the project objectives	The interface methodology is comprehensive and demonstrates that they fully understand the project requirements
100	The method statement demonstrates an innovative method to address the project requirements.	A comprehensive equipment list provided	Above the comprehensive interface methodology provided, the tenderer demonstrates an innovative method to address the project requirements.

Signed at ..... Date .....

Name ..... Position .....

Tenderer .....

T2.2-04 Evaluation Schedule: ISO Certifications: Quality Assurance Systems and Occupational Health and Safety (OH&S) Management Systems

Note to tenderers:

Quality Assurance Systems (ISO 9001:2015)

An ISO 9001:2015 accreditation must be provided: This is a Quality Management System (QMS) standard is a formalized system that documents processes, procedures, and responsibilities for achieving quality policies and objectives. It helps organizations consistently deliver products or services that meet customer requirements and comply with regulations, while driving continuous improvement.

Score	ISO Certifications (10)
0	The tenderer failed to submit an ISO 9001:2015 certificate
100	The tenderer has submitted an ISO 9001:2015 certificate

OH&S Management Systems ISO (45001:2018)

An ISO 45001:2018 accreditation must be provided: A Safety Management System is a formal, top-down, organization-wide approach to managing safety risk. It includes systematic procedures, practices, and policies for hazard identification and risk management.

Score	ISO Certifications (10)
0	The tenderer failed to submit an ISO 45001:2018 certificate
100	The tenderer has submitted an ISO 45001:2018 certificate

Signed at ..... Date .....

Name ..... Position .....

Tenderer .....

T2.2-05: Evaluation Schedule: Programme: Functionality Criteria

Programme

Tenderer to provide his proposed programme showing the following in accordance to the specific project tendered for:

1. The following information is required as a minimum on a programme submitted for evaluation:
    - Level 4 detail Programme, correctly structured as per Works Information.
    - Adequately showing the full Scope of Work including appropriate sequence of works and programme logic.
    - Realistic durations backed with anticipated production rates and Equipment required.
    - Earliest date achievable for the Completion of the whole of the w*orks* and any Sectional Completion dates, if required and all milestones to be clearly shown.
    - Includes duration of all preliminary works required prior to mobilising on Site including documentation preparation (starting from contract Award Date) and all approval periods by the client.
    - Includes anticipated Site mobilisation date.
    - Includes *Contractor's* Subcontractors duration on Site.
    - Includes all resources required to execute the project.
    - An indication must be given of where the project float is.
    - No negative or positive lags must be used in the development of the schedule.
2. A narrative supporting document is a requirement clearly outlining the process followed in developing the schedule in a form of a basis of schedule.
3. Schedule should be developed on preferably Primavera P6 but MS Project can also be accepted should Primavera not be an available software for the tenderer.

Score 0	Submitted no information or inadequate information to determine scoring.
Score 20	The schedule is vague and the plan is weak in important areas
Score 40	The schedule is inconsistent with the timing of the most important project deliverables. There is insufficient breakdown of tasks.
Score 60	The schedule is complete and detailed (representing all disciplines involved), complies with Level 2 requirements, Satisfactory the technical level and composition of the schedule is adequate and is consistent with both the project timing and the required deliverables. The proposed resource levels are consistent.

Score 80	Good Besides meeting the "Satisfactory" rating, the schedule is well detailed, clearly indicating and defining deliverables. Major Milestones are represented in the Schedule. The programme is specifically tailored to address the specific project objectives and methodology and is sufficiently flexible to accommodate changes that may occur during execution.
Score 100	Besides meeting the "good" rating, the important issues are approached in an innovative and efficient way, indicating that the tenderer has outstanding knowledge of state-of-the- art approaches. The programme details ways to improve the project outcomes and the quality of the outputs.

The undersigned, who warrants that he/she is duly authorised to do so on behalf of the Tenderer, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true

and correct.

Signed ..... Date .....

Name

Position .....

Tenderer

.....

T2.2-06: Evaluation Schedule: Previous Experience

Note to tenderers:

The Tenderer must demonstrate sufficient experience in Structural Engineering and Mechanical Engineering

Civil Structural Engineering

The company must demonstrate sufficient experience in Civil Structural Engineering. Five valid, verifiable, and positive reference letters (on the client's letterhead, dated, signed, and stamped) regarding work of similar scope. These references must include ' statements of work' and be further supported by 'contract award' and 'completion certifications'.

Mechanical Engineering

The company must demonstrate sufficient experience in Mechanical Engineering: Gearbox modification and installation within the Petrochemical Industry. Five valid, verifiable, and positive reference letters (on the client's letterhead, dated, signed, and stamped) regarding work of similar scope. These references must include 'statements of work' and be further supported by 'contract award' and 'completion certifications'.

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Score	Structural Engineering Experience
0	No valid and positive reference letter or 1 reference letter was provided.
20	2 reference letters were provided.
40	3 reference letters were provided.
60	4 reference letters were provided.
80	5 reference letters were provided.

100	More than 5 reference letters were provided.

Score	**Mechanical Engineering Experience**
0	No valid and positive reference letter or 1 reference letter was provided.
20	2 reference letters were provided.
40	3 reference letters were provided.
60	4 reference letters were provided.
80	5 reference letters were provided.
100	More than 5 reference letters were provided.

Signed at ..... Date .....

Name ..... Position .....

Tenderer .....

T2.2-07: Evaluation Schedule – Concept Designs

Proposed Gearbox Concept Design: Conversion Mechanism

The tenderer is to provide a proposed gearbox concept design (conversion mechanism) and functional description. The gearbox concept shall cover:
(1). Adaptor Plate Details,
(2). The 90-degree output Transmission,
(3). Removable Drive Link Details, and
(4). Top Lid to Accommodate the Drive Link and the Locking or Capping /Sealing thereof to avoid Water Ingress and Vandalism.

The proposed gearbox design layout and datasheet must be provided.

The scoring of the approach paper will be as follows:

Score	Proposed Gearbox Concept Design: Conversion Mechanism (10)
0	The information is not provided / inadequate information to determine a score
20	The proposed gearbox concept does not adequately address either of the items listed above.
40	The proposed gearbox concept adequately addresses one (1) item listed above.
60	The proposed gearbox concept adequately addresses two (2) items listed above.
80	The proposed gearbox concept adequately addresses three (3) items listed above.
100	The proposed gearbox concept adequately addresses all four (4) items listed above.

Block Valve Lid Locking System/ Mechanism Concept Design:

The tenderer is to provide a built-in safeguard locking mechanism concept design and functional description. The proposed concept shall demonstrate resistance against:

1. Sledgehammers.
2. Grinders.
3. Crowbars.
4. Cutting Equipment.

The scoring of the approach paper will be as follows:

Score	Block Valve Lid Locking System/ Mechanism Concept Design (10)
0	The information is not provided / inadequate information to determine a score, or the proposed concept does not cover all 4 arear
100	The proposed block valve lid locking system / mechanism design concept covers all 4 areas.

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Signed at ..... Date .....

Name ..... Position .....

Tenderer .....

T2.2-08: Evaluation Schedule – Presentation / Demonstration (100 points)

Shortlisted tenderer/s will be invited to deliver a presentation to the evaluation panel. The presentation should demonstrate a complete solution (Concept of Operation of Block Valve Lids, Locking Mechanism and Gearbox and construction /installation site management process). The presentation should address the question: what knowledge, skills, experience and values the tenderer will bring to deliver the project successfully.

The scoring of the Presentation / Demonstration will be as follows:

Presentation and Demonstration Max 100 points Min 100 points	**0**	**Not acceptable** - The contractor failed to explain the operational concept clearly for valve lid operation, locking mechanism, gearbox design & operation, and foresee construction installation interface issues.
	100	**Accepted** - The contractor clearly explained the operational concept for valve lid operation, locking mechanism, gearbox design & operation, and foresee construction installation interface issues.

Signed at ..... Date .....

Name ..... Position .....

Tenderer .....