



RFP BRIEFING

BLOCK VALVE LIDS MODIFICATIONS

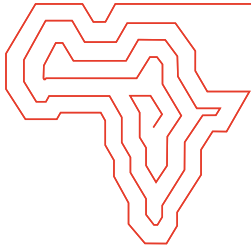
RFP: TPL/2024/03/0004/59257/RFP

TENDER CLARIFICATION MEETING

DATE: 27 AUGUST 2025
VENUE: MS TEAMS

Contents

Specialised Security Services Solution- Tender Clarification Meeting



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08	Contracting Strategy	Preferred contracting model for the Specialised Security Services Solution

Introduction TPL Team Members

- ❑ Hlekane Maringa: Procurement Manager
- ❑ Nathi Ndlovu: Project Manager
- ❑ Errol Pilusa: Engineering Mechanical
- ❑ Supplier Development Manager: Giselle Nursoc
- ❑ Contracts Manager: Nompumelelo Macubeni



TENDER PROCESS: CONTENTS OF THE RFP

THE PROVISION OF THE DESIGN, SUPPLY AND INSTALLATION OF CONCRETE BLOCK VALVE LIDS, EXTERNAL LOCKING MECHANISM AND 90-degrees OUTPUT GEARBOXES (VERTICAL DRIVE) AS PART OF THE MODIFICATION OF THE EXISTING GEARBOXES

THE TENDER DOCUMENTS ISSUED BY TPL COMPRISE:

☐ TENDERING PROCEDURES

- ☐ TENDER NOTICE AND INVITATION TO TENDER
- ☐ TENDER DATA

☐ RETURNABLE DOCUMENTS

- ☐ LIST OF RETURNABLE DOCUMENT
- ☐ RETURNABLE SCHEDULES

☐ AGREEMENTS AND CONTRACT DATA

- ☐ FORM OF OFFER AND ACCEPTANCE
- ☐ CONTRACT DATA (PARTS 1 & 2)
- ☐ FORM OF GUARANTEE

☐ PRICING DATA

- ☐ PRICING INSTRUCTIONS
- ☐ ACTIVITY SCHEDULE

☐ WORKS INFORMATION

☒ SITE INFORMATION



TENDER PROCEDURES

1. PROPOSAL SUBMISSION

Only those tenderers who satisfy the following criteria are **eligible** to submit tenders:

- a) Submit all compulsory returnable.
- b) Submits a tendered price in the form indicated
- c) Submit all Compulsory Technical pre-qualification and Evidence required

The Tenderer is also required to submit with his tender:

- 1. An electronic access PIN from the new Tax Compliance Status system;
- 2. A **valid** Letter of good standing with the compensation fund or with a licensed compensation insurer;
- 3. Tendering Entity's latest **valid** B-BBEE Certificate, certified copy of B-BBEE certificate or Sworn Affidavit applicable as per the latest B-BBEE Legislation must accompany
- 4. Proof of registration on the National Treasury Central Supplier Database. Go to <https://secure.csd.gov.za/Home/> to register.

Note: Refer to List of Returnable Documents

New Electronic Submission Procedures

Transnet has implemented a new electronic tender submission system, the e-Tender Submission Portal, in line with the overall Transnet digitalization strategy where suppliers can view advertised tenders, register their information, log their intent to respond to bids and upload their bid proposals/responses on to the system.

SUBMITTING YOUR BID

- Log on to the Transnet eTenders management platform website (<https://www.transnet.net>);
- Click on "TENDERS";
- Scroll towards the bottom right hand side of the page;
- On the blue window click on "register on our new eTender Portal";
- Click on "ADVERTISED TENDERS" to view advertised tenders;
- Click on "SIGN IN/REGISTER – for bidder to register their information (must fill in all mandatory information);
- Click on "SIGN IN/REGISTER" - to sign in if already registered;
- Toggle (click to switch) the "Log an Intent" button to submit a bid;
- Submit bid documents by uploading them into the system against each tender selected.



Considerations

- Time your submissions so that if there are any issues, there is time to escalate & resolve
- Nobody has access to the bids until after the bid has closed
- There is no physical tender box.

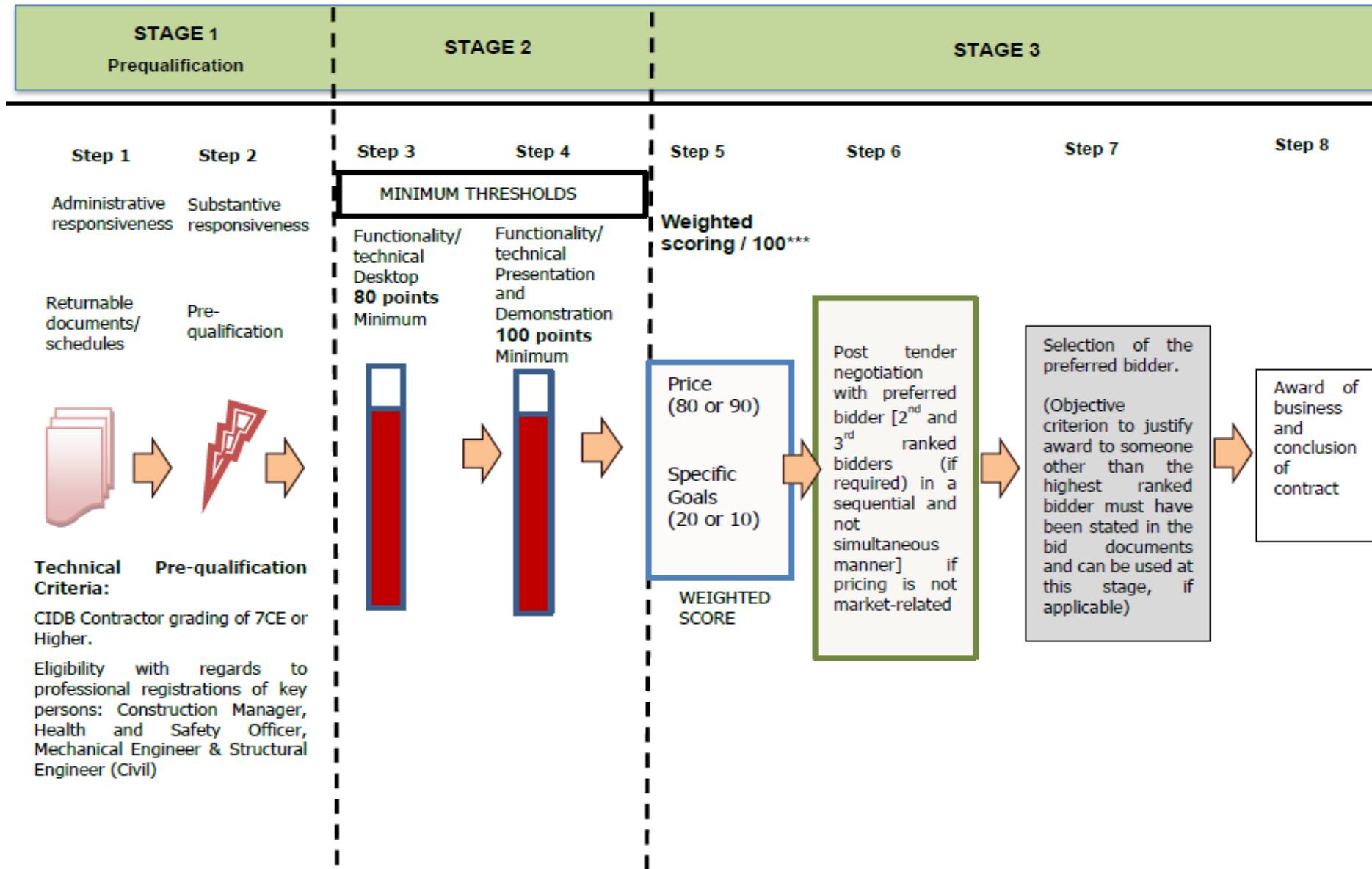
Communication

Respondents are warned that a Proposal will be liable to disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer or employee of Transnet in respect of this RFP between the closing date and the date of the award of the business.

- For specific queries relating to this RFP should be submitted onto the system and to [Hlekane.Maringa@transnet.net] **5 days** before the **closing date**. In the interest of fairness and transparency, Transnet's response to such a query will be published on the e-tender portal and Transnet website
- After the closing date of the RFP, a Respondent may only communicate with (Hlekane Maringa), at telephone number (031 361 1237), email Hlekane.Maringa@transnet.net on any matter relating to its RFP Proposal
- Respondents are to note that changes to its submission will not be considered after the closing date.

Respondent found to be in collusion with one another will be automatically disqualified and restricted from doing business with Transnet in the future.

Evaluation Methodology



CLOSING DATE AND TIME:
10 September 2025 AT 14H00
QUESTIONS????



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TRANSNET PIPELINES TENDER BRIEFING

TECHNICAL SCOPE, EVALUATION AND PRISING

BACKGROUND

Transnet Pipelines (TPL), a division of Transnet SOC Limited, provides a strategic pipeline infrastructure with associated world class pipeline logistics, for the petroleum and gas industries in South Africa. The pipeline network traverses through many classes of properties i.e., private, state owned and local authorities, with pump stations and delivery depots located in rural, industrial and suburban areas along the route. The pipeline infrastructure also encompasses five (5) provinces, namely Gauteng, Mpumalanga, Free State, Kwa Zulu Natal, and Northwest.

Transnet Pipelines has experienced an increasing number of attempted and confirmed product theft from the Pipeline Network by illegally gaining access to the Block Valve Chambers across the network. These increasing product thefts from the block valve chambers pose a high risk on the security of supply to the inland market due to operational interruptions. It also poses a high risk to the public as these are highly flammable products transported within the pipeline network.

BACKGROUND

The block valve lids' construction has limitations to deter unauthorized entrance. The purpose of this scope of work is to have a comprehensive solution to safeguard the current block valve chambers along the underground pipeline network to prevent illegal access to the block valve chamber.

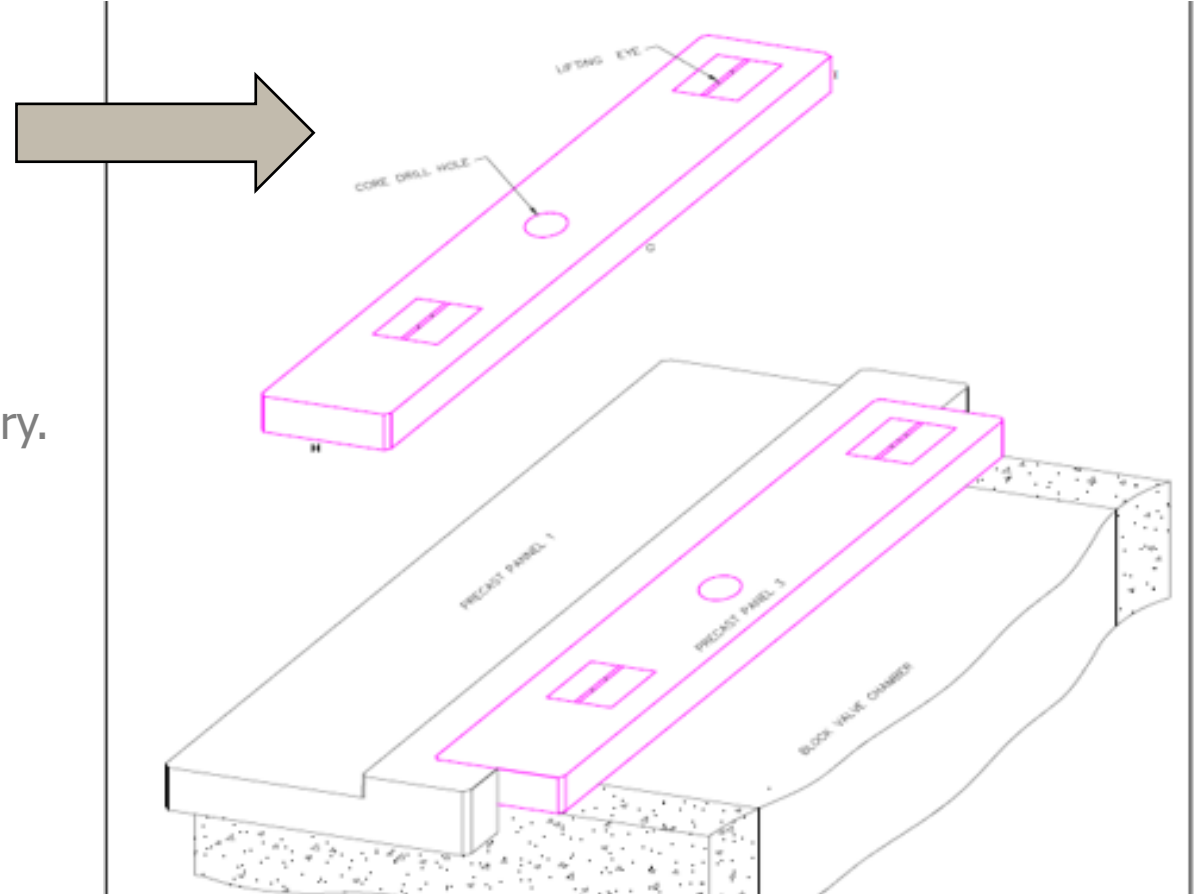
PURPOSE

- Improve security, safety, and accessibility of block valve chambers.
- Install additional reinforced concrete slab. (Phase 1A)
- Introduce external locking mechanisms with removable keys (latest technology). (Phase 1B)
- Replace existing steel lids with reinforced concrete lids.
- Modify gearboxes to allow external valve operation in emergencies. (Phase 2A & B)



PHASE 1A: SCOPE OF WORK

- ❑ Design, fabricate, and install a reinforced concrete slab inside existing lids. (Refer to **ANNEXURE A**)
- ❑ Modify lids to accommodate external locking mechanism.
- ❑ Ensure protection against intruders and forced entry.
- ❑ **Phase 1A** block valve quantities – **116 BV's.**



PHASE 1B : SCOPE OF WORK

- ☐ **Design, fabrication, and installation** of external locking mechanism
(Refer to **Annexure C**).
- ☐ Design based on **latest market technology**.
- ☐ Lock/unlock from **outside the chamber** (**no internal access required**).
- ☐ **Phase 1B** block valve quantities – **55 BV's**.

PHASE 2A & B : SCOPE OF WORK

- ☐ Removal of existing steel lids (Refer to **Annexure D**)
- ☐ Design, supply & install **new reinforced concrete lids** (Refer to **Annexure C**).
- ☐ Incorporation of **built-in locking mechanisms** with removable key system.
- ☐ Modification of existing gearboxes with **90° output drive & extended spindles** (Refer to **Annexure F**).
- ☐ Ensure compliance with **SANS standards & safety regulations**.
- ☐ **Phase 2A & 2B** block valve quantities – **63 & 48 BV's**.

SPECIFICATIONS

PHASE 1A: CONCRETE SLAB REQUIREMENTS

- ☐ Must fit **within existing MPP concrete lids** (Refer to **Annexure B**).
- ☐ Strength: ≥ 35 MPa concrete
- ☐ Must resist:
- ☐ **Chisel & jackhammer attacks.**
- ☐ Harsh environmental conditions.



Considerations

Annexure B: for the holistic view & approximate dimensions of the concrete slab that will fit in the middle of the existing concrete MPP lids.

All PHASES

EXTERNAL LOCKING MECHANISM REQUIREMENTS

Lock/unlock from **outside chamber** (no entry required).

Resistant to:

- **Sledgehammers**
- **Grinders**
- **Crowbars**
- **Galvanized** to resist corrosion.
- Prevent lids from being **lifted or pushed aside**.
- Must delay intruder access for **≥ 30 minutes**.

PHASE 2A & B: GEARBOX MODIFICATION

- ☐ Install 90° output gearboxes (vertical drive) with extended spindles. (Refer to **Annexure F**)
- ☐ Handwheel 500mm diameter.
- ☐ 1:1 gearbox ratio with 90° output.
- ☐ Mechanical adaption to fit 18" 600# & 16" 600# ball valves.
- ☐ Universal T-piece key for operation.
- ☐ API 6D rated component.
- ☐ Core drill $\varnothing 110\text{mm}$ holes aligned with spindles, with plastic theft-proof caps.

PHASE 2A & B

CONCRETE LID & HATCH REQUIREMENTS

- ❑ Minimum 35 MPa concrete strength.
- ❑ Hatch specifications:
 - 608mm × 608mm top / 660mm × 560mm bottom
 - Cast with 60 MPa dense reinforced concrete (vandal-resistant)
 - Secured with two independent corrosion-resistant locks
 - Portable key system (15 keys per pipeline, unique per pipeline)
- ❑ Hatch design features:
 - Inward-sloping sides → no gaps
 - Stainless steel flat bars under hatch
 - <100kg weight (liftable by 2 personnel with lifting tool)

LIFTING & INSTALLATION REQUIREMENTS

LIFTING & INSTALLATION REQUIREMENTS

- ☐ Contractor to supply lifting resources.
- ☐ Use of 13.5-ton truck-mounted crane.
- ☐ Operated by a competent Code 14 driver.
- ☐ Operator must be LMI certified.
- ☐ Safe handling and placement of reinforced lids.

CERTIFICATION & APPROVALS

CERTIFICATION & APPROVALS

Civil works:

- Design approved & signed-off by **Pr Eng Civil / Pr Tech Eng Civil.**
- Final installation certified by same.

Mechanical works:

- Design approved & signed-off by **Pr Eng Mechanical / Pr Tech Eng Mechanical.**
- Final installation certified by same.

SAFETY REQUIREMENTS

- ☐ Fire standby if hot-work required. (Refer to **SoW 5.2**)
- ☐ Compliance with OHS regulations. (Refer to **SoW 5**)
- ☐ Contractor responsible for safety & risk management.
- ☐ Confined space entry.
- ☐ Compliance with SANS standards: SANS 10100, 10160, 10144, 2001-CC1:2007

DELIVERABLES

- ☐ Detailed engineering design drawings (lids, hatches, locking system, gearboxes)
- ☐ Reinforced concrete slab (≥ 35 MPa).
- ☐ Modified concrete lids with locking mechanism and
- ☐ Modified Gearbox.
- ☐ Certified civil and mechanical installations.
- ☐ As-built drawings.
- ☐ Health & Safety report.

PROJECT SCHEDULE

- ☐ Entire solution installation (all phases) must be completed within **18 months**.
- ☐ Provide a detailed project schedule in PDF and MS Project formats.

ACTIVITY SCHEDULE

Refer to Activity Schedule

BLOCK VALVE APPROXIMATE DISTANCES

Refer to Table 2 – Scope of Work

ANNEXURES

ANNEXURES

Annexure A – Typical existing MPP block valve lid.

Annexure B – Approximate slab dimensions.

Annexure C – Type 1 & 2

Annexure C – Type 3 & 4

Annexure C – Type 5 & 6

Annexure C – Type 7

Annexure C – Type 8,9 & 10

Annexure C – Type 9 & 13



Annexure D – Existing steel lid

Annexure E – Concrete wall extension details

Annexure F – Mechanical adaption, 90-degree gearbox

Technical – Pre-Qualification

THE OBJECTIVE OF THIS PHASE OF EVALUATION IS TO ESTABLISH WHETHER THE BIDDER HAS THE REQUISITE SKILLS, EXPERIENCE, EXPERTISE AND INFRASTRUCTURE TO DELIVER THE PRESCRIBED SERVICE

Whether any Technical prequalification criteria have been met as follows:

- ☐ CIDB Contractor grading of 7CE or Higher
- ☐ Eligibility with regards to professional registrations of the following key persons:
 - ☐ Construction Manager: Registered with South African Council for the Project and Construction Management Professions (SACPCMP) as Pr.CM.
 - ☐ Health & Safety Officer must be registered with South African Council for the Project and Construction Management Professions (SACPCMP) as CHSO
 - ☐ Mechanical Engineer: Registered with Engineering Council of South Africa (ECSA) as Pr. Eng or Pr. Tech Engineering Mechanical
 - ☐ Structural Engineer: Registered with Engineering Council of South Africa (ECSA) as Pr. Eng or Pr. Tech Engineering Civil



Considerations

- Evidence or supporting documents must be submitted with the bid as proof to meet the criteria.
- Failure to meet one of the stipulated criterion will result in a disqualification.

Technical Evaluation – Desktop

THE OBJECTIVE OF THIS PHASE OF EVALUATION IS TO ESTABLISH WHETHER THE BIDDER HAS THE REQUISITE SKILLS, EXPERIENCE AND EXPERTISE TO DELIVER THE PRESCRIBED SERVICE

The test for the Technical and Functional threshold (Desktop Evaluation) will include the following:

- ☐ Project Method Statement
- ☐ ISO Certifications
- ☐ Programme
- ☐ Company Previous Experience
 - ☐ demonstrate sufficient experience in Civil Structural Engineering
 - ☐ demonstrate sufficient experience in Mechanical Engineering
- ☐ Block Valve Lid Locking System/ Mechanism Concept Design

The minimum qualifying point for functionality is 80 points



Considerations

- Evidence to substantiate experience and qualifications must be provided for points allocation where necessary.
- Failure to meet the stipulated threshold will result in a disqualification.

Technical Evaluation – Presentations / Demonstration



THE OBJECTIVE OF THIS PHASE OF EVALUATION IS TO ESTABLISH WHETHER THE BIDDER HAS THE REQUISITE EXPERTISE AND INFRASTRUCTURE TO DELIVER THE PRESCRIBED SERVICE

The test for the Technical and Functional (Presentations / Demonstration) will include the following:

- ☐ 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 will the tenderer bring to deliver the project successfully.

The minimum qualifying point for functionality is 100 points

Failure to meet the stipulated threshold will result in a disqualification

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PRICING AND DELIVER SCHEDULE AND FINAL WEIGHTED SCORING



PRICING AND DELIVER SCHEDULE

TO FACILITATE LIKE-FOR-LIKE COMPARISON BIDDERS MUST SUBMIT PRICING STRICTLY IN ACCORDANCE WITH THIS PRICING SCHEDULE AND NOT UTILISE A DIFFERENT FORMAT

Criteria	Evaluation Approach
Adherence to the Pricing Schedule	<ul style="list-style-type: none"> • A priced contract with Activity Schedule • The short descriptions in the Activity Schedule are for identification purposes only. All work described in the Works Information is deemed included in the activities. • The Activity Schedule work breakdown structure provided by the Contractor will be based on the Activity Schedule provided by the Employer. The activities listed by the Employer are the minimum activities acceptable and identify the specific activities which are required to achieve Completion • The Contractor's detailed Activity Schedule summates back to the Activity Schedule provided by the Employer and is in sufficient detail to monitor completion of activities



Considerations

- If you have any questions about the pricing schedule, write to Transnet to request clarity;
- Ensure it all adds up- i.e. arithmetically accurate;

Deviation from the prescribed pricing schedule may result in the bid being disqualified

https://transnetsocLtd-my.sharepoint.com/personal/hlekane_maringa_transnet_net/Documents/Documents/Projects/TPL/82345%20Specialised%20Security%20Services/09%20RFP/RFP%20Annexures-Specialised%20Security

Evaluation and Final Weighted Scoring

THE OBJECTIVE OF THIS PHASE OF EVALUATION IS TO ESTABLISH THE BEST OFFER TO TPL, CONSIDERING PRICE AND SPECIFIC GOALS.

The preference point systems applicable to this bids is the 80/20 or 90/10 point system. The lowest acceptable bid will determine the preference point system

Criteria	Evaluation Approach
Pricing	A maximum of 80 or 90 points is allocated for price
Evaluation of Specific Goals	<p>In terms of Transnet Preferential Procurement Policy (TPPP) and Procurement Manuals, the following preference points must be awarded to a bidder who provides the relevant required evidence for claiming points.</p> <p>Selected Specific Goal:</p> <ul style="list-style-type: none"> <input type="checkbox"/> B-BBEE Level of contributor (1 or 2) – Allocated 10 or 5 points <input type="checkbox"/> Local Content: Sectors for steel in construction (100%) – Allocated 5 or 2.5 points <input type="checkbox"/> Local Content: Designated sector Cement (100%) – Allocated 5 or 2.5 points



Considerations

Acceptable Evidence:

- B-BBEE Certificate / Sworn- Affidavit / B-BBEE CIPC Certificate (in case of JV, a consolidated scorecard will be accepted) as per DTIC guideline
- Returnable Local Content and production Annexures
- Failure to submit the acceptable evidence with the bid shall result in a score of 0 (nil) allocated to the criteria

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CONTRACT AND AGREEMENTS

Contract and Agreements

The form of contract to be employed for this contract is the NEC3 ECC with:

Main Option A: Priced contract with activity schedule

Dispute resolution Option. W1: Dispute resolution procedure

Secondary Options

X2: Changes in the law

X7: Delay damages

X13: Performance bond

X16: Retention

X18: Limitation of liability

Z: Additional conditions of contract

Contract and Agreements

Z10: OBLIGATIONS IN RESPECT OF THE CSDG GOALS

It is a fundamental condition of contract that the tenderer meet the required CSDG goals as stated in the RFP

It will be a condition of contract that the Contractor shall, in the performance of the contract, achieve the Contract Skills Development Goal (CSDG) established in the CIDB Standard for Developing Skills through Infrastructure Contracts, published in Gazette Notice No.48491 of April 2023.

Key Notes:

Implementation of the Skills Standard

- a) Implementation of the Skills Standards is applicable to a contract, or an order issued in terms of a Framework Agreement that has a duration of 12 months or more, and:
- b) a contract of R5 million or more, in the case of a Professional Service or Service Contract or an order issued in terms of such a contract; or
- c) a CIDB grading designation of grade 7 or higher, in case of an Engineering and Construction works, or design and build contract or an order issued in terms of such a contract.



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Thank you