



**NON-COMPULSORY BRIEFING SESSION FOR THE PROVISION
OF: OF A SERVICE PROVIDER TO CONDUCT HEAVY METALS
CONTAMINANT TRACING AT THE PORT OF EAST LONDON FOR A
PERIOD OF TWELVE (12) MONTHS**

TNPA/2026/06/1128/6293/RFQ

DATE: 07 July 2026

TIME: 11:00

Presented By: Sourcing Team

CONTENT

1 Welcoming and Introductions Ms X Gwele

2. Safety Briefing Technical Team

3. Tendering Procedure Ms X Gwele

4 Scope of Requirements Technical Team

5 Evaluation Methodology Technical Team

6 Pricing Schedule Technical Team

7 Questions and Answers ALL

8 Closure ALL

TRANSNET

WELCOME AND INTRODUCTIONS



PLEASE NOTE:

- Briefing Session is recorded, and all attendees are muted
- Encouraged to ask all clarity seeking questions after the presentation
- Briefing session is non-compulsory and failure to attend **will not** result in disqualification
- The Link for attendance register is on the chat box, make sure you complete
- Further enquiries to be issued to TNPAPoELBetween@transnet.net on or before 20th July 2026
- Presentation and minutes of the briefing session will be published 09 July 2026
- **Tender Closing, 21 July 2026 @ 16h00-** Please observe the closure of the tender and preferable submit before closing to avoid potential technical problems





TENDERING PROCEDURES

Presented By: SCM



TENDERING PROCEDURES

- **RFQ Information:**

- Description: : For the Provision of a Service Provider to Conduct Heavy Contaminant tracing at the Port of East London for a Period of Twelve (12) months
- RFQ Number : TNPA/2026/06/1128/6293/RFQ
- Issue Date : 30 June 2026
- Briefing Date : 07 July 2026 at 11h00
- Closing Date : 21 July 2026 at 16h00
- Tender Validity Period: 180 days from closing date



TENDERING PROCEDURES (CONTINUED)

- Tender Submission : The Transnet Digital Procurement System (TDPS) Supplier Submission Portal can be accessed as follows: <https://esupplierportal.transnet.net/portal/>
- Employer's Agent and email address : TNPAPOELBetween@transnet.net
- Late Tenders : Not Accepted



EVALUATION METHODOLOGY

Presented By: SCM / Technical Team



EVALUATION CRITERIA

STAGE 1 - STEP ONE: Test for Administrative Responsiveness

Administrative & Substantive responsiveness check

- Whether the Bid has been lodged on time
- Whether all Returnable Documents and/or schedules [where applicable] were completed and returned by the closing date and time
- Verify the validity of all returnable documents
- Verify if the Bid document has been duly signed by the authorised respondent
- Whether any general and legislation qualification criteria set by Transnet, have been met
- Whether the Bid contains a priced offer
- Whether the Bid materially complies with the scope and/or specification given
- Whether any Technical Pre-qualification Criteria/minimum requirements/legal requirements have been met as follows:
- The Environmental Specialist who will be a Project Lead must have the valid registration of South African Council for Natural Scientific Professions (SACNASP) OR Environmental Assessment Practitioners association of South Africa (EAPASA). A registration must be valid.



EVALUATION CRITERIA

STAGE 1- Step 2: Substantive Responsiveness

- Whether the Bid contains a priced offer
- Whether any Technical Pre-qualification Criteria have been met as follows:
 - The Environmental Specialist who will be a Project Lead must have the valid registration of South African Council for Natural Scientific Professions (SACNASP) OR Environmental Assessment Practitioners association of South Africa (EAPASA). A registration must be valid.

NB: Failure to provide with the pricing and a valid registration will result in a bid being disqualified.



EVALUATION CRITERIA (CONTINUED)

Stage Two– Technical Evaluation

Only tenders that achieve the minimum qualifying score for functionality will be evaluated further in accordance with the 80/20 preference points systems as described in Preferential Procurement Regulations.

80 where the financial value of one or more responsive tenders received have a value up to R50 million including R50 million, inclusive of all applicable taxes,

Thresholds	Minimum Threshold
Functionality	67



EVALUATION CRITERIA (CONTINUED)

Stage Three – Preference Point System

Only those tenderers who pass the eligibility criteria will be evaluated further in terms of the 80/20 preference points systems as described in Preferential Procurement Regulations - 2022.

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	
BBBEE Level of Contribution (Level 1 or Level 2)	10
EME or QSE 51% Black Owned	10
Total points for Price and Specific Goals must not exceed	100

Failure on the part of a bidder to submit proof of specific goals together with the bid will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.



SCOPE OF SERVICES

Presented By: Technical Team



BACKGROUND

The Port of East London has reported elevated levels of heavy metals (e.g., Cadmium, Copper, and Chromium) in its sediments, water columns, and biota. The potential sources include port operations, upstream industrial activities, stormwater discharges, and maritime traffic. This project aims to trace and identify the sources and pathways of contamination to inform mitigation, compliance, and remediation actions.



1 - Project Planning and Inception

- Conduct project kickoff meeting.
- Review historical data, reports, and maps of the area (to be made available by TNPA).
- Define key performance indicators (KPIs) and project milestones.
- Develop a detailed project execution plan including safety, QA/QC, communication protocols, and project timeframes.



2 - Field Sampling and Monitoring

Site Reconnaissance:

- Identify strategic sampling points (marine, estuarine, and adjacent terrestrial environments).
- Sampling:
 - Surface and subsurface water sampling.
 - Sediment coring and grab sampling.
 - Biota collection (e.g., filter feeders, fish species, plants).
 - Stormwater and industrial outfall sampling (if accessible).



Monitoring Parameters:

- In situ: pH, salinity, DO, temperature, redox potential.
- Laboratory: Heavy metals (Pb, Cd, Hg, Cr, Zn, Cu, Ni, As), TDS, organic content.
- Source Tracing and Pathway Analysis
- Use of isotopic fingerprinting, chemical markers, and statistical modelling (e.g., PCA, GIS-based spatial analysis).
- Identify point and non-point sources (e.g., shipyards, storm drains, upstream catchment).
- Modelling contaminant dispersion and sediment transport.

SCOPE OF SERVICES (CONTINUED)



Deliverables

- Inception report
- Sampling and analysis plan (SAP)
- Accredited Laboratory results report
- Source tracing analysis and interpretation report
- GIS contamination maps (Shapefiles)
- Contaminant dispersion and sediment transport model presentation
- Final project report with recommendations



TECHNICAL EVALUATION

Presented By: Technical Team



TECHNICAL EVALUATION

Nr	Category	Total Weight	Weight	Requirements	Type of Proof / Detail to be submitted	Model Answer
						3 = Bidder fully meets the requirements and value adding is extensive 2 = The Bidder meets the critical requirements 1 = The Bidder partially meets requirements 0 = Company cannot meet requirements, high risk.
1	Project Organogram			Requirements	Type of Proof / Detail to be submitted	Model Answer
1.1	Project Organogram	10	10	Bidder must provide a project specific organogram indicating the project team that will execute the services. The organogram must clearly indicate Names of personnel, Roles and responsibilities, Reporting lines and Allocation to the project of at least three (3) of four (4) the following key personnel: a) Project Lead (Scientific Professional Scientist) b) Environmental / Marine Scientist c) Chemical Scientist / Environmental Chemist d) GIS Specialist / Data Analyst	Project Specific Organogram	3 = Bidder has submitted Organogram includes all 4 key personnel with all required elements (names, roles, reporting lines) 2 = Bidder has submitted Organogram includes 3 key personnel with all required elements 1 = Bidder has submitted Organogram includes 2 key personnel with all required elements 0 = No organogram or insufficient information.



TECHNICAL EVALUATION

	Experience of Key Personnel			Requirements	Type of Proof / Detail to be submitted	Model Answer
2.1	Project Lead (Professional Scientist registered)	5	5	Professional Scientist with at least five (5) years relevant experience in environmental investigations and contaminant tracing studies.	A detailed CV	3 = More than 5 years relevant experience. 2 = 5 years but less than 6 years relevant experience. 1 = 4 years but less than 5 relevant experience. 0 = No experience or Irrelevant experience
2.2	Environmental / Marine Scientist	5	5	Environmental or Marine Scientist with at least three (3) years relevant experience in water, sediment or ecological assessments.	A detailed CV	3 = More than 3 years relevant experience. 2 = 3 years but less than 4 relevant experience. 1 = 2 years but less than 2 relevant experience. 0 = No relevant experience.
2.3	Chemical Scientist / Environmental Chemist	5	5	Chemical Scientist with at least two (2) years experience in heavy metal analysis, contaminant investigations and laboratory data interpretation	A detailed CV	3 = More than 2 years relevant experience. 2 = 2 years but less than 3 relevant experience. 1 = 1 year but less than 2 relevant experience. 0 = No relevant experience.
2.4	Geographic Information System (GIS) Specialist / Data Analyst	5	5	GIS Specialist / Data Analyst with at least three (3) years Experience in GIS mapping, spatial analysis and contaminant pathway modelling.	A detailed CV	3 = More than 3 years relevant experience. 2 = 3 years but less than 4 relevant experience. 1 = 2 years but less than 2 relevant experience. 0 = No relevant experience.



TECHNICAL EVALUATION

3	Key personnel qualifications			Requirements	Type of Proof / Detail to be submitted	Model Answer
3.1	Project Lead Qualification	5	5	Project Lead must have a minimum of NQF Level 7 qualification in Environmental /chemical scientist .	A valid certificates	3 = NQF Level 8 qualification in Environmental /chemical scientist 2 = NQF Level 7 qualification in Environmental /chemical scientist . 1 =NQF Level 6 qualification in Environmental /chemical scientist 0 = No qualification or irrelevant qualification
3.2	Environmental / Marine Scientist Qualification	5	5	Environmental / Marine Scientist must have a minimum of NQF Level 6 qualification in Environmental / Marine Scientist	A valid certificates	3 = NQF Level 7 qualification Environmental / Marine Scientist 2 = NQF Level 6 qualification in Environmental / Marine Scientist 1 =less than NQF Level 6 qualification Environmental / Marine Scientist 0 = No qualification or irrelevant qualification
3.3	Chemical Scientist Qualification	5	5	Chemical Scientist must have a minimum of NQF Level 6 qualification in Chemical Scientist	A valid certificates	3 = NQF Level 7 qualification in Chemical Scientist 2 = NQF Level 6 qualification in Chemical Scientist 1 =less than NQF Level 6 qualification in Chemical Scientist 0 = No qualification or irrelevant qualification
3.4	GIS Specialist / Data Analyst Qualification	5	5	GIS Specialist / Data Analyst must have a minimum of NQF Level 6 qualification in GIS Specialist / Data Analyst	A valid certificates	3 = NQF Level 7 qualification in GIS Specialist / Data Analyst 2 = NQF Level 6 qualification in GIS Specialist / Data Analyst 1 =less than NQF Level 6 qualification in GIS Specialist / Data Analyst 0 = No qualification or irrelevant qualification



TECHNICAL EVALUATION

4	Company Experience			Requirements	Type of Proof / Detail to be	Model Answer
4.1	Previous Experience in similar projects (contaminant source tracing, environmental investigations, sediment quality assessments, water quality studies, heavy metal investigations or related scientific studies)	10	10	Bidder must demonstrate previous experience in contaminant source tracing, environmental investigations, sediment quality assessments, water quality studies, heavy metal investigations or related scientific studies. Bidder must have a Minimum three (3) completed projects of similar nature within the last ten (10) years.	List of completed projects	3 = Bidder has undertaken 4 or more projects of a similar nature. 2 = Bidder has 3 projects of a similar nature. 1 = Bidder has undertaken 1 or 2 project of a similar nature. 0 = Bidder has not submitted previous project experience.
4.2	Previous Experience in similar projects (contaminant source tracing, environmental investigations, sediment quality assessments, water quality studies, heavy metal investigations or related scientific studies)	10	10	The bidder is required to submit at least 3 contactable references to substantiate previous work undertaken of a similar nature. The reference letter must be signed by the Clients, indicating contact details and in their letterheads. The letters must confirm the work performed with specific reference to the project and clear indication of client's impression (project success). Note: Letters of appointment will not be considered	Signed reference letters	3 = Four or more contactable references letters submitted. 2 = Three contactable references letters submitted. 1 = Two or less contactable references letters submitted. 0 = No contactable references or irrelevant letters submitted.



TECHNICAL EVALUATION

5	Method Statement				Type of Proof / Detail to be submitted	Model Answer
5.1	Method Statement	20	20	Bidder must submit a detailed Method Statement demonstrating understanding of the project and proposed approach. As the minimum the Methodology must include all seven of the following components: a) Project planning and inception. b) Field sampling and monitoring. c) Laboratory analysis. d) Source tracing and pathway analysis. e) GIS mapping and contaminant modelling. f) Data interpretation and reporting. g) Quality assurance and quality control procedures.	Detailed method statement	3 = More than seven key components addressed comprehensively. 2 = All seven key components addressed. 1 = Six or less key components addressed. 0 = No Method Statement submitted.



TECHNICAL EVALUATION

6	Programme/Work Schedule			Requirements	Type of Proof / Detail to be submitted	Model Answer
6.1	Project plan/Work Schedule	5	5	Bidder must provide a detailed project schedule showing key milestones, deliverables and project duration of twelve (12) Months. as the minimum the Schedule should include all five listed activities: a) Inception phase. b) Sampling programme. c) Laboratory analysis. d) Data analysis and modelling. e) Draft and final reporting.	Detailed project plan/work schedule	3 = More than five (5) and more activities included. 2 = all Five (5) activities included. 1 = Four (4) or less activities included. 0 = No programme submitted.



TECHNICAL EVALUATION

7	Health and Safety Management			Requirements	Type of Proof / Detail to be submitted	Model Answer
7.1	Health and Safety Management	5	5	Bidder to provide a Detailed health and safety management plan and a site risk assessment specific to the project. Bidder must submit at least two (2) of the following documents: (1) Site specific project Health & Safety Plan; (2) Site specific project risk assessment; (3) A valid Letter of of Good Standing	A detailed Health & Safety Plan, Risk Assessment and Letter of good standing	3 = Bidder has submitted all three (3) of the requirements. 2 = Bidder has submitted two (2) of the requirements 1 = Bidder has submitted one (1) of the requirements 0 = No submission.



PRICING DATA

Presented By: Technical Team

PRICING DATA



Project/Tender Title		FOR THE APPOINTMENT OF A SERVICE PROVIDER TO CONDUCT HEAVY METAL CONTAMINANT TRACING AT THE PORT OF EAST LONDON		
#	DESCRIPTION	Number of items	Rate per item (EACH)	Total Cost
1.	Inception Report	1	R	R
2.	Sampling and analysis plan (SAP)	1	R	R
3.	Accredited Laboratory results report	1	R	R
4.	Source tracing analysis and interpretation report	1	R	R
5.	GIS contamination maps (Shapefiles)	1	R	R
6.	Contaminant dispersion and sediment transport model presentation	1	R	R
7.	Final project report with recommendations	1	R	R
Sub-Total Excl. Vat		R		
VAT@15%		R		
Total Inc. Vat		R		



QUESTIONS AND ANSWERS



Question
&
Answer



PRESENTATION WILL BE ISSUED PUBLISHED



Thank you

**We look forward to receive your bid
responses on time**