



TRANSNET SOC LIMITED
(Reg. No. 1990/000900/30)
Trading through its operating division
Transnet National Ports Authority

Addendum No. 01

**TNPA/2023/02/0015/23248/RFP - INTEGRATED ENVIRONMENTAL ASSESSMENT FOR
THE DEMOLITION OF STRUCTURES AT T-JETTY IN THE PORT OF DURBAN FOR A PERIOD
OF 13 MONTHS**

Prepared by:

A handwritten signature in black ink, appearing to be "Bonggi Machi".

Bonggi Machi

Date: 12 April 2023

TNPA/2023/02/0015/23248/RFP - INTEGRATED ENVIRONMENTAL ASSESSMENT FOR THE DEMOLITION OF STRUCTURES AT T-JETTY IN THE PORT OF DURBAN FOR A PERIOD OF 13 MONTHS

Tenderers are to note the following amendments to the tender documentation. All other tender documentation remains unchanged.

ADDENDUM NO.1

DATED: 12 April 2023

THE FOLLOWING DOCUMENTS HAVE BEEN AMENDED

Proof of registration with SAIOH or any other recognised registration body for Environmental Monitoring Specialists (Dust and Noise).

Refer to the following documents:

- 1. C3.1 Scope of Services - pg 14.**
- 2. T2.2-02: Evaluation Schedule - Management and CV's of Key People – changes highlighted in yellow.**
- 3. Technical Evaluation Criteria – changes highlighted in red.**

All other terms and conditions remain unchanged.

All tenderers are hereby requested to sign this addendum as an acknowledgement and consent to this addendum and return as a returnable together with their proposal documents.

The undersigned confirm that the following communications received from the employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer.

Received by: _____ Date _____

PART C3.1 THE SCOPE

Document reference	Title	No of pages
C3.1	This cover page and contents	1
	<i>Employer's</i> Scope of services	19
	List of Annexures	1
	Total number of pages	21

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1. PROJECT BACKGROUND

Transnet's core mandate is to manage the cost of doing business and enable economic growth, security of supply through the provision of infrastructure that is fit for purpose. The role of the Commercial Port as outlined in the National Ports Act no.12 of 2005 (the Act), is to promote the development of an effective and productive South Africa that is able to contribute positively to the economic growth and development of the country. To achieve the mandate and the Act, Transnet and Transnet National Ports Authority (TNPA) have developed a segment strategy which positions the Port of Durban as an International Container Hub. The Segment Strategy triggers the development of KwaZulu Natal Master Plans and these plans have been approved by the TNPA Board. Transnet National Ports Authority is proposing various developments (initiatives) at the Port of Durban, as indicated in the figure below, to ensure that the strategy of positioning the Port as a Container Hub and a Premier Automotive Terminal for South Africa and the Southern African Developing Countries (SADC) is realised.



Figure 1: Port of Durban Master Plan Development Initiatives

1.1 PROBLEM STATEMENT

The Container Capacity for the Port of Durban is 2 900 000 Twenty-Foot Equivalent Units (TEUs). Currently the Port is handling close to 2 800 000 TEUs. Additional container capacity is urgently required for the Port of Durban. The Port of Durban Master Plan indicates the developments that are to be undertaken to increase the Container Capacity from 2 900 000 TEUs to 11 400 000 TEUs.

The landside capacity for the Point Automotive Terminal is 520 000 units per annum. The actual number of units handled during the 2021/22 financial year was 521 876 units per annum, which exceeds the landside capacity. This substantiates the urgent need for the Automotive Terminal to be expanded to handle the future automotive volumes. The corporate plan forecasts for the auto sector indicates that volumes through the Port of Durban would reach 684

761 by 2032/33, which is the 10-year forecast. The graph below indicates the actual automotive volumes handled for the past 10 years and the demand forecast for the next 10 years.

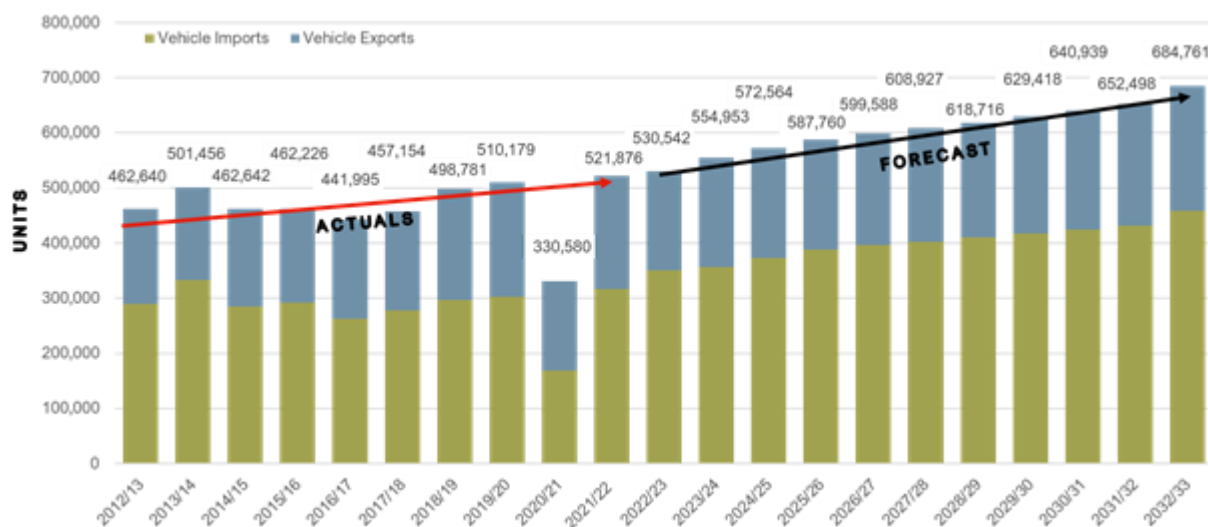


Figure 2: Automotive Volumes

If additional landside capacity is not created, the Original Equipment Manufacturers (OEMs) may be forced to move their automobiles from the Port of Durban to other Ports such as East London, Port Elizabeth or even the Port of Maputo. This may also result in the loss of future models being moved through the Port of Durban, but through other International Ports. This will result in dire consequences for the economy of KZN and the country. The Port of Durban may also lose automobiles cargo dues revenue which is in the order of R277m per annum at full capacity. The Port of Durban may also lose container cargo dues revenue which is in the order of R1.2b per annum at full capacity.

1.2 PROPOSED SOLUTION

The design capacity of the Point Automotive Terminal will be increased from 520 000 units/annum to 1 000 000 units/annum. Portion of the area occupied by the Automotive Terminal will be used to develop the Point Container Terminal with the design capacity of 1 800 000 TEUs/annum. The development plans for the Automotive Terminal at the Point Precinct will require vacant land and unfortunately the Port is a City Port and does not have additional land to accommodate these expansions. The area allocated for the Point Automotive Terminal and Point Container Terminal has the following existing buildings, structures and sheds, which will be required to be demolished:

- A. Ocean Terminal Building (OTB)
- B. Durmarine Building
- C. L Shed
- D. M Shed
- E. N Shed
- F. South Service Stair Structure
- G. Schoeman's Bridge

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H. Small Buildings

H. D/E, F and G Sheds

I. Fresh Produce Terminal (FPT) Shed

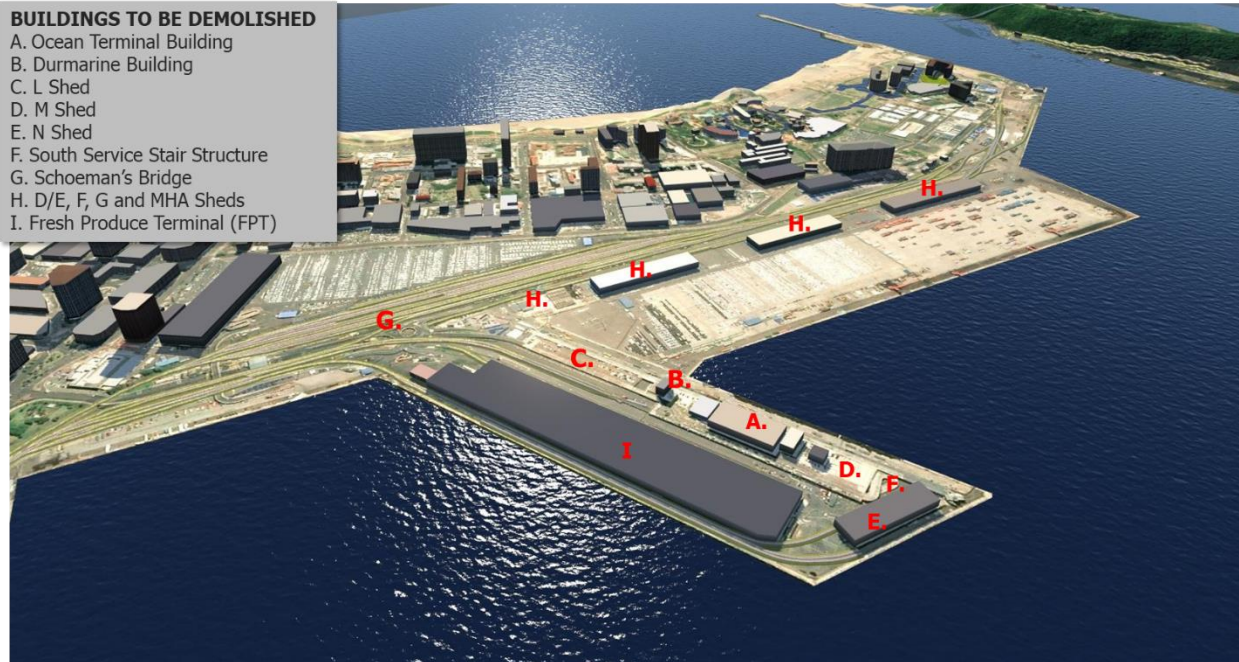


Figure 3: Buildings to be demolished from the T-Jetty

All structures and buildings on the T-Jetty will be demolished to provide parking on the ground level. This will ensure that the operational efficiency of the Automotive Terminal is improved to provide the increased capacity that is required. The need for additional space is further necessitated by the relocation of the auto terminal to create additional footprint for containerised cargo as proposed in the Port Master Plan. The plan will enhance the attractiveness of the Port of Durban to shipping lines and establish the port as a hub port that will not only serve South Africa, but to also service the Southern African Development Community (SADC) and the entire continent. The multiplier effect of this plan is its contribution to the socio-economic transformation imperatives through local supplier development, job creation and community upliftment to areas surrounding the port.

1.3 PROJECT SCOPE

Transnet National Ports Authority (TNPA) appointed Arup to review and validate the current Port Master Plan and the feasibility of the reconfiguration, relative to other international ports to produce an overarching Port Development Roadmap. The demolition of T-jetty buildings for the increased capacity of Point Automotive terminal is but one of the projects emanating from this Master Plan. The outcome of the scope validation in relation to the demolition works at the T-jetty recommends the works to be undertaken in phases viz, Phase 1a and 1b as illustrated in Annexure A (Demolition strategy). Phase 1a of demolition will commence from the southern tip of T-jetty, progressing in a northerly direction, beginning with N-shed (E) and the old passenger tunnel, M-shed (D) and associated structures, Durmarine tower (B), and finally L-shed (C) and adjacent structures. Phase 1b will be the demolition of Schoeman's bridge (G) and elevated roads.



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Based on preliminary measurements, it is anticipated that approximately 40 500m³ of demolition material will result from the demolition works. In order to minimise the amount of material to be hauled off site, it has been proposed that the suitable demolition material be sorted, crushed and stored on site to a suitable specification. The material can then be re-used on site as layer works to roads/parking surfaces/hardstands. Environmental risks associated with the demolition works e.g. dust, noise, asbestos, etc. are contained in the Demolition strategy report however the disposal of asbestos containing material will be handled separately from this scope of works. The majority of T-jetty is to be used as parking space, and at a footprint of approximately 150 000m², it is possible that this material could be depleted in the process of surfacing such a large area. In the event that the waste generated cannot be re-used, alternative waste management options as per the waste hierarchy need to be explored.

A number of the buildings earmarked for demolition are considered 'Heritage Buildings' as they are older than 60 years of age and are rich in heritage value. A heritage scoping exercise has been conducted and a report is appended to this Terms of reference as Annexure B & C for ease of reference. A heritage impact assessment may be required to conclude the necessary Heritage permit processes should it be prescribed by the relevant authority.

1.4 TRAFFIC ACCESS TO THE SITE

The main access to the T-Jetty at the Point Precinct is gained via Quayside Road. Quayside Road connects to Margaret Mncadi Avenue (Victoria Embankment) and the greater City network. A minor access road, named Maritime Place, provides access off Margaret Mncadi Avenue to the Point Precinct.

The Point Precinct is utilized by Public and Port Users. The Port Users include the Point Automotive Terminal, the Fresh Produce Terminal and the Multi-Purpose Terminal (MPT). In order to prevent traffic congestion in this precinct, there is an informal agreement between TNPA and eThekwin Municipality on the following traffic restrictions which will need to be adhered to.

- a) The scheduling of Heavy Goods Vehicles (HGV's) trips into and out of the Point Precinct does not coincide with the peak periods viz. Construction vehicles will be regarded as HGV's.
 - i. 07:00 – 09:00
 - ii. 12:00 – 14:00
 - iii. 16:00 – 18:00
- b) The number of HGV's entering and exiting the Point Precinct shall not exceed a total of 400 HGV's per 24 hour day.
- c) The number of daily closures of the existing level crossing shall be limited to a total of 28 per day, subject to the hourly limit as per Figure 4 below.

DAY	HOUR ENDING																							
	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00	01:00	02:00	03:00	04:00	05:00	06:00
Mon-Fri	1	0	0	2	2	1	0	0	2	1	0	0	2	2	2	2	4	4	4	4	4	4	4	4
Sat-Sun	4	2	2	2	1	0	0	1	0	0	0	2	2	2	2	2	2	4	4	4	4	4	4	4

Figure 4: Hourly Limit of Level Crossings

1.5 EMPLOYER'S OBJECTIVE

The *Employer's* first objective is to secure an Environmental Authorisation (EA) in terms of the National Environmental Management Act (Act No. 107 of 1998) in consultation with other Specific Environmental Management Acts (SEMA's)



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and/or all further relevant environmental permits, licenses and authorisations required for the demolition of the buildings at the T-Jetty in the Port of Durban as per the project scope in sections 1.2 and 1.3 above.

The second *Employer's* objective is for the Consultant to initiate a traffic impact assessment as part of the BA/EIA process.

GENERAL REQUIREMENTS - These Terms of Reference have been compiled to facilitate and accomplish the following:

- A. To meet the requirements of the Environmental Impact Assessment (EIA) as well as other relevant SEMAs regulations with respect to the environmental impact assessment to be conducted for the project.
- B. Ensure compliance of the independent Environmental Assessment Practitioner (EAP) and the *Employer* with the requirements of the EIA regulations as well as relevant SEMAs.
- C. Ensure a high quality of environmental assessment and reporting on behalf of the *Employer*.
- D. Ensure the effective administration of the Environmental Impact Assessment (EIA) conducted for the *Employer*.
- E. Where conflict or discrepancy exists between a specific procedure, requirement or definition contained in this document, with that of the EIA regulations and SEMAs, the latter will take precedence.
- F. These terms of reference attempt to clarify the requirements of the *Employer* in relation to the EIA regulations and relevant SEMAs to ensure adequate provision of information to facilitate speedy decision making.
- G. Ensure compliance with eThekweni Municipality's traffic regulations as well as other relevant by-laws e.g. Schedule Trades etc.

2. SCOPE of SERVICES

2.1 THE CONSULTANT'S SERVICES

- a. The services required is for the completion of an Integrated Environmental Assessment (IEA) process, in accordance with the National Environmental Management Act (NEMA) 107 of 1998 as amended and all relevant regulations promulgated in terms thereof for the proposed project as described in Section 1.2 and 1.3 above.
- b. The IEA must consider SEMAs as defined in NEMA and the *Consultant* shall be expected to obtain all environmental approvals triggered under such statutes. Moreover, it must be undertaken in consultation with applicable eThekweni Municipal bylaws.
- c. Prior to initiating the IEA, the appointed *Consultant* will be required to conduct a comprehensive screening exercise to ensure that all listed activities under the latest EIA regulations, its listing notices and any other specified activities under SEMAs have been identified including eThekweni Municipal bylaws. The Screening Report shall not only depict and contextualize such activities but also describe what authorisation processes have to be followed, who the relevant competent authorities are and provide a professional opinion on the timeframes required to complete such approval processes. The screening report must also highlight environmental sensitivities, required Specialist studies and potential risks associated with the proposed development.
- d. The appointed *Consultant* is further expected to identify, and include in the screening report, all other environmental approvals applicable to the proposed project and ensure that these are obtained as part of the IEA process.
- e. The *Consultant* shall also undertake the Traffic Impact Assessment in parallel with the BA/EIA process.

2.2 ENVIRONMENTAL APPROVAL PROCESS

1. The appointed Service Provider must confirm the listed activities that are triggered in the 2014 EIA Regulations as amended, the relevant activities triggered under the SEMA's and other applicable permits/licenses from eThekweni Municipal bylaws and undertake the Application process as documented.
2. **The proposal to be submitted as part of this tender must consider and account for (a) to (l) below (these are covered in more detail in section 5 of this document):**
 - a. Client and Project team meetings (over the 13 Monthly Progress meetings). (This will include the kick-off meeting, and any ad hoc meetings required).
 - b. The Pre-application meeting with the Department of Forestry, Fisheries and the Environment (DFFE), DFFE (Waste Management), DFFE (Oceans and Coast), eThekweni Municipality, etc.
 - c. The review and confirmation of the EIA triggers, relevant authorisation/s and/or permits requirements, and required Specialist studies.
 - d. Completion of the application forms for the relevant Competent Authorities.
 - e. Preparation of a Site Baseline Report & Screening Report.
 - f. The Public Participation process (notification, signboards, adverts, etc.) as per Chapter 6 of the EIA Regulations. Engagements with eThekweni Municipality's is essential.
 - g. Contracting, Appointment and Management of Specialist to undertake Specialist studies as determined by DFFE and approved by the client (where applicable).
 - h. Undertaking the Impact Assessment process



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- i. The draft and final Impact Assessment Report incorporating the Specialist studies that are compliant with Appendix 1 of the EIA Regulations
 - j. The Comments and Response Report detailing the activities and results of the public participation process undertaken as per Chapter 6 of the EIA Regulations.
 - k. The preparation of the draft and final Environmental Management Programme (EMPr) compliant with Appendix 4 of the EIA Regulations.
 - l. Management of the appeal process.
3. It is the responsibility of the Consultant to advise the Employer of the relevant listed activity and follow the application process as outlined in section 2.2 above. If it is in the Consultant's professional opinion that specific authorization processes are not required, it is the duty of the Consultant to engage with the relevant competent authority and obtain confirmation in writing.

2.3 TRAFFIC IMPACT ASSESSMENT

The Consultant shall conduct a Traffic Impact Assessment, with all associated supporting documentation including, but not limited to, Traffic Management Plan's (TMP's) and Traffic Road Layout documents (TRL's), to the competent authority, namely eThekweni Transport Authority (ETA), as required by the National Land Transport Act 2009 (Act No. 5 of 2009), for approval in respect of this project and all EIA Regulations and Requirements.

3. DELIVERABLES OF THE CONTRACT

1. The *Employer* requires an experienced, EAPASA registered professional EAP to facilitate an Intergrated Environmental Assessment (where applicable). The activities that are listed below (and are reflected in the Activity Schedule) are generic to a Basic Assessment or Scoping and Environmental Impact Assessment Application.
2. The activities here are a summation, but not limited of what is considered the main activities, deliverables, etc. The *Consultant* shall carry out all the activities, as listed, and any implied activities which are required, in terms of the Environmental Regulations, to fulfil all the functions and requirements of legislation and best practice necessary for the *Employer* to apply for an Environmental Authorisation from the Competent Authority/ies. The *Consultant* should take note that the Competent Authority for all Transnet projects requiring Environmental Authorisation, is the National Department of Forestry, Fisheries and Environment.
3. The *Consultant* must also facilitate the process of applying for the relevant permits and licenses e.g. waste storage and disposal, etc.
4. The *Consultant* must further facilitate the Traffic Impact Assessment parallel with the BA/EIA process and obtain approval of the traffic management plan by eThekweni Transport Authority

3.1 ACTIVITY 1: PROJECT INITIATION

Services will include but not necessarily be limited to the following main activities:

1. Conduct a comprehensive screening exercise to identify any applicable listed activities in the EIA Regulations (as amended) and other relevant environmental legislation as well as review of the existing project information provided by the *Employer* to the *Consultant*.
2. Visit the site to take baseline photographs and verify environmental sensitivities, risks and valid considerations.



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3. Arrange and conduct a pre-application meeting with the Competent Authority/ies in order to confirm all required specialist studies, permits and licenses and any specific considerations.
4. Prepare and submit a pre-application consultation notice, an application for Environmental Authorisation (under NEMA and any other applicable legislation), together with all the prescribed documents to the Department and other relevant Competent or Commenting Authority where applicable e.g. DFFE: Integrated Environmental Authorisations, Infrastructure, Waste, eThekweni Municipality, etc.
5. Project initiation / kick-off meeting

The deliverables include, but not limited to -

- Preparation of Screening Report.
- Preparation of Site Baseline Report.
- Environmental authorisation application form, pre-application consultation notice, and/or other relevant documents.
- Meeting minutes and meeting register from pre-application meeting with the relevant Competent Authority/ies.
- Project plan and schedule.
- Copy of all correspondence with relevant Authorities.

3.2 ACTIVITY 2: ENVIRONMENTAL IMPACT ASSESSMENT & SPECIALIST STUDIES

Carry out the Basic Assessment and/or EIA (in terms of sections 19 - 23 of Regulation R 982 of December 2014 as amended).

The Services involved include, but are not necessarily limited to:

1. Project management;
2. Identify and draw up Terms of Reference for Specialist studies (where necessary)
3. Appoint Specialists to carry out studies (where necessary)
4. Undertake site visits.
5. Arrange and conduct integration meetings with specialists and Engineers.
6. Review specialist reports.
7. Compile draft Basic Assessment (BA) or Environmental Impact Report (EIR).
8. Compile draft Environmental Management Programme (EMPr)
9. *Employer*, peer and public review of draft BA/EIR and draft EMPr.
10. Analyse feedback from Stakeholders and compile final BA/EIR and final EMPr.
11. Finalise documentation and submit to authorities for consideration.
12. Receive EA and notify I&APs
13. Appeal Process, if required

The deliverables include, but not limited to –

- TOR for appointment of Specialist.
- Management of specialists & Quality Management of all outputs.
- Specialist Reports and GIS information (where required).
- Draft Basic Assessment/Environmental Impact Report and EMPr.
- Final Basic Assessment/Environmental Impact Report and EMPr.
- Traffic Impact Assessment.

- Traffic Management Plan and Traffic road Layout plans.
- All relevant requirements of sections 19 – 23, of Regulation R982 of December 2014 as amended.
- Environmental Authorisation (Decision on the application from the DFFE and relevant Competent Authority/ies).
- Notification of the I&APs of the receipt of an EA/s.
- Appeal Response Report (ARR) (if required).

3.3 ACTIVITY 3: PUBLIC PARTICIPATION AS PER CHAPTER 6 OF THE EIA REGULATIONS

Carry out the Public Participation process to comply with sections 39 - 44 inclusive of Regulation 982 of 2014.

Services will include but not necessarily be limited to the following main activities:

1. Plan, implement and manage all aspects of the public participation for all the parts of the Project. This includes keeping a detailed record of all public participation activities, comments received and responses to these in terms of the NEMA EIA Regulations.
2. Develop and maintain a comprehensive database of stakeholders as required by the NEMA EIA Regulations. The database shall differentiate clearly with respect to key stakeholders as required by the NEMA Regulations.
3. Announce and advertise the environmental assessment process and application for environmental authorisation appropriately, in terms of the requirements of the NEMA Public Participation Regulations.
4. Such announcements and advertisements shall include but not necessarily be limited to:
 - a. newspapers advert (as required), and Site notice boards
 - b. Background Information Document, and
 - c. Letters/notifications to stakeholders, telephone calls, e-mail correspondence and information placed on the internet.
5. Public participation shall be carried out during impact assessment and appeal phases as required by the NEMA Regulations.
6. Liaise and consult with the Competent Authority and other relevant Government Departments. This includes but is not necessarily limited to DFFE (National) and appropriate Departments within the eThekweni Municipality e.g. Department of Environmental Planning and Climate Protection Department, Environmental Health, traffic department, etc.
7. Where appropriate, organise and conduct meetings with the Competent Authority and Key Stakeholders, recording the discussions and inputs received at these meetings in writing.
8. Where appropriate organise and convene appropriate focus group meetings to inform the public of the contents of, the findings and recommendations contained in the Basic Assessment/Environmental Impact Report.
9. Record comments and inputs from stakeholders and draw up a Comments and Response report based on the feedback obtained from the *Employer* and Specialists.
10. Include the Comments and Response Report in the Basic Assessment/Impact Assessment Report.
11. Appropriate distribution of all reports and documentation in compliance with the Regulations and as required by the Competent Authority/ies.
12. On-going consultation with authorities and the broader Stakeholder base throughout the EIA process.
13. Notification of stakeholders of the decision of the competent authority/ies on the application.
14. Handle any Appeals in consultation with the *Employer*, as and when necessary.

The deliverables include, but not limited to –



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- All requirements of sections 41 inclusive, of Regulation R 982 issued in terms of Chapter 5 of the National Environmental Management Act, 1998 (NEMA).
- Register/Database of I&APs, Stakeholders and Lead Stakeholders.
- Notification 1 (pre-application consultation with I&APs) including Background Information Document and Comment Form.
- Comments and responses report
- Notification 2 (consultation on draft basic assessment/impact assessment report)
- Notification 3 (consultation on basic assessment/impact assessment report)
- Notification 4 (notification of final basic assessment/impact assessment report)
- Notification 5 (Notice of Decision by DFFE, other relevant Competent Authorities and appeal process)
- Public participation report – containing
 - Minutes of all relevant engagements and public meetings, and discussions.
 - Copies of all public documents such as advertisements, Site notices, Background Information Document, notification letters, etc
 - Proof of public consultation including proof of notification sent to I&APs, notification register, advertisements, placement of sign boards, etc. from stakeholder engagements (this includes engagements with local authorities - ETA, etc.)

3.4 ACTIVITY 4: PROJECT MANAGEMENT

Services will include, but not necessarily be limited to the following main activities:

1. Project planning and management of all project activities and deliverables.
2. Hold project planning and coordination meetings.
3. Submit monthly project progress reports, invoices and cashflows to the *Employer*.
4. Attend and take the minutes of *Employer's* formal monthly project progress meetings.
5. Draw up and revise the project programme on a monthly basis.
6. Manage specialist investigations.
7. Manage review processes.
8. Liaise with Authorities, relevant State and government departments and I&APs.

The deliverables include, but not limited to -

- Project Management of EIA and Public Participation Process
- General project communication.
- Monthly Progress reports – highlighting status, risk and actions for next month.
- Monthly update of schedule
- Minutes of all project related meetings with the *Employer*.
- Project Plan and Schedule.

3.5 APPLICABLE LICENSES AND PERMITS

In the event that the proposed development triggers further licenses and/or permits, the *Consultant* must follow the appropriate application process with the relevant competent authority and follow an integrated process with the BA/EIA.



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EThekweni Municipality - Environmental Planning & Climate Protection Department (EP&CPD) and Environmental Health Departments must be consulted to clarify if there are any other requirements that will need to be met prior to project implementation.

3.6 PRICING

With regards to the cost of specialist studies in this tender submission, the *Consultant* shall provide a cost for the specialist studies listed in section 3.7 (as discussed below). The cost of additional specialist studies which may be required shall be indicated separately. With regards to manhours, the *Consultant* shall provide details on the hourly rate of each team member and the amount of hours each team member will spend on the project.

3.7 SPECIALIST STUDIES

1. The appointed *Consultant* will be required to undertake supporting specialist studies that are required for the application of Environmental Impact Assessment process and applicable licenses or permits. The DFFE Screening Tool must be used to assist with the identification of Specialist studies to be performed for the project.
2. The *Consultant* shall be required to conduct the following specialist studies as a minimum to inform the BA/EIA and associated approval processes:
 - a. Waste Management
 - b. Heritage Impact Assessment
 - c. Traffic Impact Assessment
 - d. Dust and Noise Assessment (Environmental Monitoring)
3. While the *Consultant* shall only price for the above-mentioned specialist studies in his/her activity schedule/proposal, further studies may be brought to the attention of the *Employer*. The *Employer* acknowledges the fact that other required specialist studies may be required as the EIA unfolds or some of the above may not be necessary and such requirements will be dealt with in accordance with relevant contractual mechanisms.
4. All GIS and spatial information generated as part of the Specialist studies will be provided to the *Employer* once the studies have been completed and finalised.

3.8 SITE ACCESS

Employer's site entry and security control, permits and site regulations:

1. The *Consultant* shall comply with the *Employer's* Site entry and security control, health and safety requirements, permits, site regulations and Port rules.
2. The *Consultant* shall take out temporary entry permits for all external staff working within the harbor that he/she may require. All costs incurred shall be borne by the *Consultant*. Management of access and permit application will be managed by the *Consultant*.

People restrictions on Site; hours of work, conduct and records:

1. The *Consultant* shall comply with the hours of work set out below.
2. The contractual working week shall be 5 days' work per week. The working hours shall be in accordance with the requirements of the Department of Labour.

Facilities and equipment to be provided by the *Employer*:

1. None.



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3.9 COMPLETION, TESTING AND CORRECTION OF DEFECTS

The work to be done by the completion date:

1. The *Consultant* shall play a critical role at this stage of the project to ensure that the EA and other permits and licenses are received timeously to allow for construction to commence.
2. All deliverables produced as part of the stated and implied activities above are to be defect free and meet all the specifications of the Competent Authority/ies and the *Employer*.
 - a. The price allocated to each activity and deliverable must include the preparation of a draft version submitted to the *Employer* for review (as described in Section 4.4 *Document Control* below). The draft may receive comment and perhaps grammatical or factual corrections for the *Consultant* to consider.
 - b. Where deliverables are of a poor quality these will be rejected for the *Consultant* to revise and resubmit. This may happen multiple times – at no extra cost to the *Employer* – hence the onus is on the *Consultant* to produce work of a good and acceptable quality the first time.

3.10. EVALUATION CRITERIA

The *Consultant* is required to demonstrate their experience in facilitating the EIAs/BAs as per T.2.2.03. The experience that will be evaluated for scoring purposes is that of an EAP. The *Consultant* must supply a sufficiently detailed traceable reference list for each service rendered as outlined in T.2.2.03. The consultant is also required to submit the CVs of their relevant personnel proposed for this works. Proof of competency (Minimum of a Bachelor's degree in Environmental Management/Science) and proof of certification/registrations with South African Council for Natural Scientific Professions (SACNASP) for Environmental Specialists **and any other recognized professional registration body such as the South African Institute for Occupational Hygiene (SAIOH) and or similar for Dust and Noise Monitoring Specialist** and Environmental Assessment Practitioner's Association of South Africa (EAPASA) specifically for Environmental Assessment Practitioners and Engineering Council of South Africa (ECSA) for Traffic Assessment Specialist. The minimum CVs that will be evaluated shall be limited to the following fields of Specialisation i.e. EAP, Senior EAP, Heritage, Waste Management, Dust & Noise Monitoring and Traffic Assessment. Certificates of professional registration and academic qualifications must be submitted with the response to the tender. In addition, the *Consultant* must provide an Approach paper outlining how they intend to execute the works as per T2.2.04

The *Consultant* must achieve a minimum score of 60 for each of the evaluation criteria to be considered for this tender.

4. MANAGEMENT AND STARTUP

4.1 MANAGEMENT STRUCTURES

1. The Contract Data shall indicate who the *Employer's Agent* is. The *Employer's Agent* is fully empowered to act on behalf of the *Employer* for the services and scope covered by the Scope of Services and as per the Contract.
2. The *Consultant* shall appoint suitably qualified *sub-consultants* and Specialists to carry out any investigative and assessment/analysis works and shall act as the Principal Agent for the *sub-consultant's* works.

5. PRESENTATION OF THE OUTPUTS AND REPORTS

The outputs comprising the stated deliverables, must be presented to the *Employer* in a virtual (in-person) workshop to discuss the findings and recommendations and debate options. Further to the workshop, each deliverable/report must be revised and finalized in accordance with instructions from the *Employer*.

The *Consultant* will be expected to highlight assumptions, constraints and limitations of their assessment, validations, advice, proposed layouts, necessary information, critical gaps and recommendation for closure, key success criteria and the necessary steps to commence the next phases of the project.

6. THE MANAGEMENT OF THE ASSIGNMENT

The *Consultant* will not advertise the contract or the project to any third party, nor communicate directly with the media (in any jurisdiction) whatsoever without the express written notification and consent of TNPA.

The *Consultant* will obtain the permission and approval of TNPA before using the details of the contract in any advertising media.

7. THE REQUIRED RESOURCES

The *Consultant's* team shall as a minimum comprise the following key staff:

- i. Environmental Assessment Practitioner/Project Manager;
- ii. Waste Management Specialist;
- iii. Structural Heritage Specialist;
- iv. Dust and Noise Monitoring Specialists; and
- v. Traffic Management Specialist

8. ANTICIPATED TIMELINES FOR THIS ASSIGNMENT

The following timelines for the various activities of this assignment is proposed:

1. Mobilisation	1 week
2. Reviews and consultation	1 weeks
3. Execution	50 weeks

The BA/EIA will be completed within 13 months of award. The allowed timeframes includes the receipt of relevant authorisations, permits and licenses.

9. CONTRACT CHANGE MANAGEMENT

For ease of communication, standard templates shall be used for contract change management. The *Consultant* shall forward all correspondence with respect to contract change management, i.e. early warnings and notifications of compensation events, on the standard templates that will be provided by the *Employer*.

Records of Time Charge, Payments & Assessments of Compensation Events to be kept by the *Consultant*

The *Consultant* shall keep the following records available for the *Employer's Agent* to inspect:

- Records of Subconsultants appointed by the *Consultant*
- Records of people and equipment within the working areas
- Records of equipment used and people employed outside the Working Areas



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- Records of quotations, invoices and pay slips

10. DOCUMENTATION CONTROL

- All correspondence is issued through document control. Electronic submissions are permissible only for URGENT communication, PDF and native where necessary.
- The *Consultant* shall apply "wet signatures" or 'electronic signatures' to the original documentation before scanning the single sided, signed original prior to formal submission to the *Project Manager*.
- The *Consultants* documentation shall be issued to the *Project Manager* under cover of the *Consultants* Transmittal Note indicating all Contract references (i.e. Project No, Contract No, etc.) as well as the *Contractor's* Project Document Number, Revision Number, Title and chronological listing of transmitted documentation. Formats of *Contractor* data submitted is dependent on the project procedure and shall be specified by the *Project Manager*, upon the notified request of the *Contractor*.
- Electronic files submitted to the *Project Manager* shall be clear of known viruses and extraneous "macros". The supplier of documentation is required to have, at all times, the latest generation of virus protection software and up-to-date virus definitions.
- The *Consultant* is to ensure that the latest versions of the required application software and a suitable 'IT' Infrastructure are in place to support the electronic transmission of documentation. The *Consultant* shall maintain electronic format of ALL project documentation for the duration of the contract.
- All documentation and data submitted electronic and hardcopy must conform to the Project Standards and Quality requirements in terms of numbering, uniqueness, quality, accuracy, format, completeness and currency of information. Documentation not meeting the Project Standards and Quality requirements will be cause for rejection and shall be returned to the *Consultant* for corrective action and re-submission.
Should any change be made to documentation or data, which has already been submitted to the Project, then new or revised documentation or data shall be issued to replace the outdated information.
- The *Consultant* shall be responsible to ensure that proper safety measures are in place to protect project documentation temporarily stored on site against theft, fire, flooding or excessive dampness.
- The *Consultant* shall be responsible for the supply of all Sub-Supplier/*Contractor*/ Manufacturer, etc. documentation and data related to their package of work, and shall ensure that these Sub-Suppliers have the capability to supply the necessary documentation and data in the required time-frame and quality requirements are met as outlined in the specified standards prior to awarding sub-orders.
- The *Consultant* shall allow the *Project Manager* 2 weeks unless otherwise stated and agreed, to review and respond to the *Consultants* submission of their documentation, i.e. from time of receipt of the hardcopy to the document control office to the time of despatch. The *Consultant* does not proceed with the relevant work until the *Project Manager* has accepted his design/documentation.
- On receipt of the reviewed documentation the *Contractor* shall make any modifications requested/marked-up and resubmit the revised documentation to the *Project Manager* within 2 weeks. Queries regarding comments/changes should be addressed with the *Project Manager* prior to re-submittal.
- Any re-submittals, which have not included the changes/comments identified, will be returned to the *Contractor* to be corrected. The *Consultant* shall re-issue the revised documentation incorporating all



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comments and other specified details not included in the previous issue within 2 working days of receipt of the marked-up document.

- All drawings must be signed off by the *Consultants* responsible person before issue to *Project Manager* for acceptance.
- The index for Handover Data Packs must be submitted to the *Project Manager* for acceptance at the beginning of the project to enable the *Consultant* to maintain and update the file on a continuous basis throughout the project lifecycle. The *Consultant* submits the draft Table of Contents to the *Project Manager* for acceptance prior to the compilation and official submittal of the Handover Packs.
- All electronic copies (pdf.) of Handover files to be properly indexed and bookmarked. All pages that make up the data book or manual must be sequentially numbered.

A typical example of what the binder/file (s) shall be marked with on the spine and the front cover is as follows:

-

- Project Name
- Manual Title, e.g. Installation, Maintenance and Operating Manual
- FBS No. and Title
- Manual Numbering (e.g. Volume 1 of 2, etc.)
- Contract Number
- *Consultants* Name

Unless otherwise stated, the required number of copies of all final Data Packs shall be:

- 3 x hard copies (Full size)
- 3 x CD in Adobe Acrobat (.pdf) formats

11. HEALTH, SAFETY AND RISK MANAGEMENT

1. The *Consultant* shall comply with the Health and Safety requirements contained in the HAS-GL-001 (Annexure F) Health and Safety and Procedural Compliance with the Occupational Health and Safety Act and Applicable Regulations to this Works Information.
2. The *Consultant* must comply with the requirements of the Department of labour notice Covid-19 Occupational Health and Safety Measures in Workplaces Covid-19 (C19 OHS), 2020 annexure G.
3. The *Consultant* must comply with the requirements of the Covid 19 Post Lockdown Construction Site Health and Safety Guidelines IMS-HS-GL-009-01 version 2 annexure H.
4. The *Consultant* shall comply with all applicable legislation, regulations issued in terms thereof and Transnet's safety rules which shall be entirely at the *Consultant's* cost and which shall be deemed to have been allowed for in the rates and prices.
5. The *Consultant* will be required to submit particulars of his Health and Safety personnel within 1 (one) week of award of tender. Particular requirements of the *Employer*, if any, will be made known on award of the contract.
6. The *Consultant* shall, in particular, comply with the following Acts:
 - a. The Compensation for Occupational Injuries and Diseases Act, No.130 of 1993. The *Consultant* shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act and submit with his tender.
 - b. Act 85 of 1993, Occupational Health and Safety Act.

- c. The Provisional Ordinances and Local Authority, by-laws and all relevant regulations framed there under.
7. Where applicable, the *Consultant* and his employees shall have valid safety inductions when accessing or working on site. Copies of which shall be submitted to the *Employer's Agent*. This will be at a time and location Transnet will arrange. The *Consultant* must allow for this in his pricing.
8. All personnel working on site must have attended the Health and Safety induction course and be in possession of a permit to access the various sites.
9. Depending on the frequency of site visits the *consultant* may be required to submit the Health and Safety Plan to the *Employer* for review and acceptance.
10. All personnel working on site or either visiting site must have a valid certificate of fitness conducted by registered Occupational Health Nurse or Practitioners

Reference documents:

- Transnet Integrated Management System (TIMS) policy commitment statement (Annexure E)

12 . PROCUREMENT

12.1 CODE OF CONDUCT

- The *Employer* aims to achieve the best value for money when buying or selling goods and obtaining services. This however must be done in an open and fair manner that supports and drives a competitive economy. Underpinning our process are several acts and policies that any supplier dealing with the *Employer* must understand and support. These are:
 - The Transnet Detailed Procurement Procedure (DPP);
 - Section 217 of the Constitution - the five pillars of Public PSCM (Procurement and Supply Chain Management): fair, equitable, transparent, competitive and cost effective;
 - The Public Finance Management Act (PFMA);
 - The Broad Based Black Economic Empowerment Act (BBBEE); and
- The Anti-Corruption Act
- This code of conduct has been included in this contract to formally apprise the Consultant of the Employer's expectations regarding behaviour and conduct of its suppliers.
 - Prohibition of Bribes, Kickbacks, Unlawful Payments, and Other Corrupt Practices
 - The Employer is in the process of transforming itself into a self-sustaining State Owned Enterprise, actively competing in the logistics industry. Our aim is to become a world class, profitable, logistics organisation. As such, our transformation is focused on adopting a performance culture and to adopt behaviours that will enable this transformation.
 - The Employer will not participate in corrupt practices and therefore expects its suppliers to act in a similar manner.
 - The Employer and its employees will follow the laws of this country and keep accurate business records that reflect actual transactions with and payments to our suppliers.
 - Employees must not accept or request money or anything of value, directly or indirectly, to:
 - Illegally influence their judgement or conduct or to ensure the desired outcome of a sourcing activity;
 - Win or retain business or to influence any act or decision of any decision stakeholders involved in sourcing decisions; or gain an improper advantage.



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- There may be times when a supplier is confronted with fraudulent or corrupt behaviour of the Employer's employees. We expect our Suppliers to use our "Tip-offs Anonymous" Hot line to report these acts (0800 003 056).
- The Employer is firmly committed to the ideas of free and competitive enterprise.
- Suppliers are expected to comply with all applicable laws and regulations regarding fair competition and antitrust.
- The Employer does not engage with non-value adding agents or representatives solely for the purpose of increasing BBBEE spend (fronting)
- The Employer's relationship with suppliers requires us to clearly define requirements, exchange information and share mutual benefits.
- Generally, Suppliers have their own business standards and regulations. Although the Employer cannot control the actions of our suppliers, we will not tolerate any illegal activities. These include, but are not limited to:
 - Misrepresentation of their product (origin of manufacture, specifications, intellectual property rights, etc.);
 - Collusion;
 - Failure to disclose accurate information required during the sourcing activity (ownership, financial situation, BBBEE status, etc.);
 - Corrupt activities listed above; and
 - Harassment, intimidation or other aggressive actions towards the Employer employees
- Suppliers must be evaluated and approved before any materials, components, products or services are purchased from them. Rigorous due diligence is conducted and the supplier is expected to participate in an honest and straight forward manner
- Suppliers must record and report facts accurately, honestly and objectively. Financial records must be accurate in all material respects

12.2 CONFLICTS OF INTEREST, RESTRAINT OF TENDERING

A conflict of interest arises when personal interests or activities influence (or appear to influence) the ability to act in the best interests of the *Employer*.

The *Consultant* shall be precluded from offering any services directly / indirectly to contractors during the bidding and or construction phases of the contract.

Consultant previously involved in the development of the Business Case or design developments shall be precluded from tendering on the above scope of services. Such as, for example:

- Doing business with family members; and
- Having a financial interest in another company in our industry

13. THE *CONSULTANT'S* INVOICES

13.1 When the *Employer's Agent* certifies payment (see NEC PSC Sub-Clause 51.1) following an assessment date, the *Consultant* complies with the *Employer's* procedure for invoice submission.

13.2 The invoice must correspond to the *Employer's Agent* assessment of the amount due to the *Consultant* as stated in the payment certificate.

13.3 Invoices must be submitted by the last working day of the month

13.4 The invoice states the following:

- Invoice addressed to Transnet Limited;



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- Transnet Limited's VAT No: 4720103177;
- Invoice number;
- Registered name of the *Consultant*;
- Address (Physical and Postal) of the *Consultant*;
- The *Consultant's* VAT Number; and
- The Contract number:

13.5 The invoice contains the supporting detail:

- The amount paid to date;
- Amount for payment (excluding VAT);
- VAT amount;
- Amount for payment (including VAT);
- Any retention monies to be deducted from the invoice;
- Any interest payable;
- Escalation formula used where applicable;
- Settlement discount;
- Proof of ownership of Materials supplied;
- A statement is to accompany each invoice

13.6 The invoice is presented either by post or by hand delivery or via email by the 16th day of the assessment month. Statements must accompany invoices.

13.7 Invoices submitted by post are addressed to:

Transnet National Ports Authority
P O Box 1027
Durban
4000.

For the attention of *the Employers Agent*: Anand Naidoo

13.8 Invoices submitted by hand are presented to:

Transnet National Ports Authority
Queens Warehouse Building
237 Mahatma Ghandi Road
Port of Durban
4001

For the attention of *the Employer Agent*: Anand Naidoo

13.9 The invoice is presented as an original.

13.10 The *Consultant* ensures that the *Employer* has his correct banking information to make the electronic payment transfer.



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13.11 All payments are provisional and subject to audit. The *Consultant* preserves his records for such a period of time as legislation requires, but in any event not less than five (5) years.

13.12 The *Employer* deducts any amount owed by the *Consultant* to the *Employer* from any amount payable by the *Employer* to the *Consultant*.

LIST OF ANNEXURES

Annexure	Title
A.	Demolition Strategy
B	Executive summary of the Heritage Scoping report
C.	Heritage Scoping Report
D	Traffic Management Plan/Framework
E	Transnet Integrated Management System (TIMS) Policy commitment statement
F	Health and Safety and Procedural Compliance with the Occupational Health and Safety Act and Applicable Regulations
G	Covid-19 Occupational Health and Safety Measures in Workplaces
H	Post Lockdown Construction Site Health and Safety Guidelines IMS-HS-GL-009-01 version 2

NB! Note: All Annexures listed above shall be regarded as being part of the Works Information / Scope of Service

T2.2-02: Evaluation Schedule - Management and CV's of Key People

Describe the management arrangements for the *services*.

Submit the following documents as a minimum with your tender document:

1. A sufficiently detailed organogram indicating roles and responsibilities – and the names of the various team members and Key People.
2. CV for the Key People shall as a minimum include:
 - **Environmental Assessment Practitioner (EAP)**
 - **Senior Environmental Assessment Practitioner or Project Manager**
 - **Waste Management Specialists**
 - **Structural Heritage Specialist**
 - **Traffic Assessment Specialist**
 - **Environmental Monitoring Specialists (Dust and Noise)**
3. Where the tenderer chooses to use the same person as EAP and Senior EAP, it should be made clear in the submission.
4. The CV's of Key People must include their:
 - **Qualifications**
 - **Years' of Experience** delivering Management, EAP, or specialist services (relevant to the role the CV is provided for).
 - **Proof of Registration with EAPASA for the EAP/Senior EAP**
 - **Proof of registration with SACNASP for Environmental Specialists (where applicable) and SAIOH or any other recognised registration body for Environmental Monitoring Specialists (Dust and Noise)**
 - **Proof of registration with ECSA for Traffic Assessment Specialist**
 - **Project experience of the Key People (Traffic Assessment Specialist)**
5. **Prerequisite for the Traffic Assessment Specialist is to provide proof of ownership of the Aimsun and Sidra Traffic Modelling Softwares.**

Note: Copies of qualifications and ownership of Traffic Modelling Softwares must be submitted with the tender document. If copies of qualifications and ownership of Traffic Modelling Softwares are not submitted with the tender document, it will be marked as non-responsive and a score of 0 will be allocated.

The qualifications referred to in this schedule are South African qualification as per the South African Qualifications Authority (SAQA) and regulated in terms of the National Qualifications Framework Act No. 67 of 2008. Where a CV makes reference to qualifications obtained outside of South Africa the tenderer should demonstrate that these are equivalent to the South African National Qualifications Framework (NQF levels).

Attached submissions to this schedule:

.....
.....
.....
.....



The scoring of the CV's of Key People will be as follows:

Management and CV's of Key People (40)

	ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP)	SENIOR EAP OR PROJECT MANAGER	WASTE MANAGEMENT SPECIALIST	STRUCTURAL HERITAGE SPECIALIST	TRAFFIC ASSESSMENT SPECIALIST	ENVIRONMENTAL MONITORING SPECIALIST (DUST & NOISE)
	(10)	(5)	(5)	(5)	(10)	(5)
Score 0	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both	The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both
Score 20	Qualifications: They are in possession of a relevant Bachelors Degree; not registered with EAPASA; and Years of experience: They have ≤2 years on-the-job EAP experience in conductin EIAs	Qualifications: They are in possession of a relevant Bachelors Degree; not registered with EAPASA; and Years of experience: They have ≤4 years relevant on-the-job management experience.	Qualifications: They are in possession of a relevant Bachelors Degree; not registered with SACNASP; and Years of experience: They have <2 years relevant on-the-job Waste Management experience.	Qualifications: They are in possession of a Bachelors Degree; and Years of experience: They have ≤2 years relevant on-the-job Heritage/Archaeology Specialist experience.	Qualifications: They have no professional registration with ECSA as a Pr. Eng. or Pr. Tech. – Traffic Engineering Years of experience: They have >5 years but ≤10 years relevant on-the-job Traffic Engineering. Project experience: Atleast 2 projects with: <15 intersections AND < 3000 peak hour vehicle trips	Qualifications: They are in possession of a relevant Bachelors Degree; not registered with SACNASP or SAIOH and or any other recognised registration body ; and Years of experience: They have <2 years relevant on-the-job Environmental monitoring experience



	ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP)	SENIOR EAP OR PROJECT MANAGER	WASTE MANAGEMENT SPECIALIST	STRUCTURAL HERITAGE SPECIALIST	TRAFFIC ASSESSMENT SPECIALIST	ENVIRONMENTAL MONITORING SPECIALIST (DUST & NOISE)
Score 40	Qualifications: They are in possession of a relevant Bachelors Degree; Registration with EAPASA is pending; and Years of experience: They have > 2years but ≤6 years of on-the-job EAP experience in conducting EIAs.	Qualifications: They are in possession of a relevant Bachelors Degree; Registration with EAPASA is pending; and Years of experience: They have >6years but ≤8 years of relevant on the job Management experience	Qualifications: They are in possession of a relevant Bachelors Degree; Registration with SACNASP is pending; and Years of experience: They have >2years but ≤6 years of relevant on the job Waste Management experience	Qualifications: They are in possession of a Bachelors Degree; and Years of experience: They have > 2years but ≤6 years of relevant on the job Heritage/Archaeology Specialist experience	Qualifications: Professional registration with ECSA as a Pr. Eng. or Pr. Tech. – Traffic Engineering is pending. Years of experience: They have >5 years but ≤10 years relevant on-the-job Traffic Engineering. Project experience: Atleast 4 projects with: <15 intersections AND < 3000 peak hour vehicle trips	Qualifications: They are in possession of a relevant Bachelors Degree; registration with SACNASP or SAIOH and or any other recognised registration body is pending; and Years of experience: They have >2years but ≤6 years of relevant on the job Environmental monitoring experience
Score 60	Qualifications: They are in possession of a relevant Bachelors Degree; registered with EAPASA; and Years of experience: They have >6yrs but ≤10 years of on-the-job EAP experience in conducting EIAs.	Qualifications: They are in possession of a relevant Bachelors Degree; registered with EAPASA; and Years of experience: They have >8yrs but ≤10 years of relevant on-the-job Management experience.	Qualifications: They are in possession of a relevant Bachelors Degree; registered with SACNASP; and Years of experience: They have >6yrs but ≤10 years of relevant on-the-job Waste Management experience.	Qualifications: They are in possession of a Bachelors Degree; and Years of experience: They have >6yrs but ≤10 years of relevant on-the-job Heritage/Archaeology experience.	Qualifications: They have professional registration with ECSA as a Pr. Eng. or Pr. Tech. – Traffic Engineering. Years of experience: They have >10 years but ≤20 years relevant on-the-job Traffic Engineering. Project experience: Atleast 2 projects with: ≥15 intersections OR ≥ 3000 peak hour vehicle trips	Qualifications: They are in possession of a relevant Bachelors Degree; registered with SACNASP or SAIOH and or any other recognised registration body; and Years of experience: They have >6yrs but ≤10 years of relevant on-the-Environmental monitoring experience.



Score 80	Qualifications: They are in possession of a relevant Bachelors Degree with Honours registered with EAPASA; and Years of experience: They have >10 yrs but ≤12 years on-the-job EAP experience in conducting EIAs.	Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with EAPASA and Years of experience: They have >10 but ≤ 15 years of relevant on-the-job Management experience.	Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with SACNASP; and Years of experience: They have >10 but ≤ 12 years of relevant on-the-job Waste Management experience.	Qualifications: They are in possession of a Bachelors Degree with Honours; and Years of experience: They have >10 yrs but ≤12 years of relevant on-the-job Heritage/Archaeology experience	Qualifications: They have professional registration with ECSA as a Pr. Eng. or Pr. Tech. – Traffic Engineering. Years of experience: They have >10 years but ≤20 years relevant on-the-job Traffic Engineering. Project experience: Atleast 4 projects with: ≥15 intersections AND ≥ 3000 peak hour vehicle trips	Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with SACNASP or SAIOH and or any other recognised registration body ; and Years of experience: They have >10 but ≤ 12 years of relevant on-the-job Environmental monitoring experience.
Score 100	Qualifications: They are in possession of a relevant Masters Degree, registered with EAPASA; and Years of experience: They have >12 years of on-the-job EAP & Project Management experience in conducting SEAs or EMFs	Qualifications: They are in possession of a relevant Masters Degree; registered with EAPASA; and Years of experience: They have >15 years relevant on-the-job management experience.	Qualifications: They are in possession of a relevant Masters Degree; registered with SACNASP; and Years of experience: They have >12 years relevant on-the-job Waste management experience.	Qualifications: They are in possession of a Masters Degree; and Years of experience: They have >12 years relevant on-the-job Heritage/Archaeology experience.	Qualifications: They are in possession of Master's Degree/Diploma in Traffic Management and have professional registration with ECSA as a Pr. Eng. or Pr. Tech. Traffic Engineering. Years of experience: They have >20 years relevant on-the-job Traffic Engineering. Project experience: Atleast 4 projects with: ≥15 intersections AND ≥ 3000 peak hour vehicle trips	Qualifications: They are in possession of a relevant Masters Degree; registered with SACNASP or SAIOH and or any other recognised registration body; and Years of experience: They have >12 years relevant on-the-job Environmental monitoring experience.

TECHNICAL EVALUATION - FOR THE INTEGRATED ENVIRONMENTAL ASSESSMENT FOR THE DEMOLITION OF STRUCTURES AT T-JETTY IN THE PORT OF DURBAN FOR A PERIOD OF THIRTEEN (13) MONTHS.										
TECHNICAL EVALUATION - FOR THE INTEGRATED ENVIRONMENTAL ASSESSMENT FOR THE DEMOLITION OF STRUCTURES AT T-JETTY IN THE PORT OF DURBAN FOR A PERIOD OF THIRTEEN (13) MONTHS.										
Technical Evaluation Sheet										
Bidder Name: _____			Evaluator Name: _____					Date: _____		
Nr	Category	Total Weight	Weight	Requirements	Type of Proof / Detail to be submitted	Model Answer	Score			Weighted Total Score
	EvaluationCriteria									
1	Previous Experience	30	30	Tenderers are required to demonstrate previous experience in supplying Environmental Assessment Practitioner (EAP) services on Environmental Impact Assessments (EIAs) or Basic Assessment for major infrastructure projects. The tenderer shall supply a listtable and description of major infrastructure projects, capital value and undertakings that the Key Person identified in T2.2-03 was involved in, and a sufficiently detailed reference list, contact details of existing and previous customers, clients and/or peers who can verify their previous experience. For the purposes of scoring - this means that the Environmental Assessment Practitioner (EAP) must demonstrate their experience (as evident in the CV submitted).	The tenderer shall supply a listtable and description of major infrastructure projects, capital value and undertakings that the Key Person identified in T2.2-03 was involved in, and a sufficiently detailed reference list, contact details of existing and previous customers, clients and/or peers who can verify their previous experience.	0= The tenderer has submitted no information. 20= The tenderer has submitted inadequate information. The list of previous projects includes not descriptions, and the reference list is incomplete. The EAP has experience in conducting s5 EIAs/BAs for major infrastructure projects. 40= From the list of projects and references provided it can be ascertained that the EAP has limited experience with EIAs/BASs. The EAP has experience in conducting s6 but s11 EIAs/BAs for major infrastructure projects. 60= From the list of projects and references provided it can be ascertained that the EAP has satisfactory experience with EIAs/BASs. The EAP has experience in conducting s12 but s17 EIAs/BAs for major infrastructure projects 80= From the list of projects and references provided it can be ascertained that the EAP has extensive experience in EIAs of a varied nature. The EAP has experience in conducting s18 but s 23 EIAs/BAs for major infrastructure projects 100= From the list of projects and references provided it can be ascertained that the EAP has outstanding experience with EIAs/BAs. The EAP has previously worked in similar projects described in this tender. The EAP has experience in conducting s 24 EIAs/BAs for major infrastructure projects.				
2	Management and CV's of Key People	40				Model Answer				(#REF!)
	• Environmental Assessment Practitioner (EAP)		10			Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They are in possession of a relevant Bachelors Degree; not registered with EAPASA; and Years of experience: They have s2 years on-the-job EAP experience in conductin EIAs Score 40 Qualifications: They are in possession of a relevant Bachelors Degree; Registration with EAPASA is pending; and Years of experience: They have > 2years but s6 years of on-the-job EAP experience in conducting EIAs. Score 60 Qualifications: They are in possession of a relevant Bachelors Degree; registered with EAPASA; and Years of experience: They have >6yrs but s10 years of on-the-job EAP experience in conducting EIAs. Score 80 Qualifications: They are in possession of a relevant Bachelors Degree with Honours registered with EAPASA; and Years of experience: They have >10 yrs but s12 years on-the-job EAP experience in conducting EIAs. Score 100 Qualifications: They are in possession of a relevant Masters Degree; registered with EAPASA; and Years of experience: They have >12 years of on-the-job EAP & Project Management experience in conducting SEAs or EME's				
	•Senior Environmental Assessment Practitioner or Project Manager		5			Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They are in possession of a relevant Bachelors Degree; not registered with EAPASA; and Years of experience: They have s4 years relevant on-the-job management experience. Score 40 Qualifications: They are in possession of a relevant Bachelors Degree; Registration with EAPASA is pending; and Years of experience: They have >6years but s8 years of relevant on the job Management experience Score 60 Qualifications: They are in possession of a relevant Bachelors Degree; registered with EAPASA; and Years of experience: They have >8yrs but s10 years of relevant on-the-job Management experience. Score 80 Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with EAPASA and Years of experience: They have >10 but s 15 years of relevant on-the-job Management experience. Score 100 Qualifications: They are in possession of a relevant Masters Degree; registered with EAPASA; and Years of experience: They have >15 years relevant on-the-job management experience				
	•Waste Management Specialists		5			Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They are in possession of a relevant Bachelors Degree; not registered with SACNASP; and Years of experience: They have <2 years relevant on-the-job Waste Management experience. Score 40 Qualifications: They are in possession of a relevant Bachelors Degree; Registration with SACNASP is pending; and Years of experience: They have >2years but s6 years of relevant on the job Waste Management experience Score 60 Qualifications: They are in possession of a relevant Bachelors Degree; registered with SACNASP; and Years of experience: They have >6yrs but s10 years of relevant on-the-job Waste Management experience. Score 80 Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with SACNASP; and Years of experience: They have >10 but s 12 years of relevant on-the-job Waste Management experience. Score 100 Qualifications: They are in possession of a relevant Masters Degree; registered with SACNASP; and Years of experience: They have >15 years relevant on-the-job waste management experience				
	•Structural Heritage Specialist		5	CV's of Key People	The CV's of Key People must include their: •Qualifications •Years of Experience delivering Management, EAP, or specialist services (relevant to the role the CV is provided for). •Proof of Registration with EAPASA for the EAP/Senior EAP •Proof of registration with SACNASP for Environmental Specialists (where required) •Proof of registration with ECSA for Traffic Assessment Specialist •Project experience of the Key People (Traffic Assessment Specialist)	Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They are in possession of a Bachelors Degree; and Years of experience: They have >2years but s6 years of relevant on the job Heritage/Archaeology Specialist experience Score 40 Qualifications: They are in possession of a Bachelors Degree; and Years of experience: They have >6yrs but s10 years of relevant on-the-job Heritage/Archaeology experience. Score 60 Qualifications: They are in possession of a Bachelors Degree with Honours; and Years of experience: They have >10 yrs but s12 years of relevant on-the-job Heritage/Archaeology experience Score 80 Qualifications: They are in possession of a Masters Degree; and Years of experience: They have >12 years relevant on-the-job Heritage/Archaeology Specialist experience.				
	•Traffic Assessment Specialist		10			Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They have no professional registration with ECSA as a Pr. Eng. or Pr. Tech. - Traffic Engineering Years of experience: They have >5 years but s10 years relevant on-the-job Traffic Engineering. Project experience: Atleast 2 projects with: <15 intersections AND < 3000 peak hour vehicle trips Score 40 Qualifications: Professional registration with ECSA as a Pr. Eng. or Pr. Tech. - Traffic Engineering is pending. Years of experience: They have >5 years but s10 years relevant on-the-job Traffic Engineering. Project experience: Atleast 4 projects with: <15 intersections AND < 3000 peak hour vehicle trips Score 60 Qualifications: They have professional registration with ECSA as a Pr. Eng. or Pr. Tech. - Traffic Engineering. Years of experience: They have >10 years but s20 years relevant on-the-job Traffic Engineering. Project experience: Atleast 2 projects with: s15 intersections OR s 3000 peak hour vehicle trips Score 80 Qualifications: They have professionalregistration with ECSA as a Pr. Eng. or Pr. Tech. - Traffic Engineering. Years of experience: They have >10 but s 12 years of relevant on-the-job Environmental monitoring experience.				
	Environmental Monitoring Specialists (Dust and Noise)		5			Score 0 The tenderer has submitted no information OR the tenderer does not possess the minimum Qualification nor years of experience or both Score 20 Qualifications: They are in possession of a relevant Bachelors Degree; not registered with SACNASP or SAIOH and or any other recognised registration body; and Years of experience: They have <2 years relevant on-the-job Environmental monitoring experience Score 40 Qualifications: They are in possession of a relevant Bachelors Degree; registration with SACNASP or SAIOH and or any other recognised registration body is pending; and Years of experience: They have >2years but s6 years of relevant on the job Environmental monitoring experience Score 60 Qualifications: They are in possession of a relevant Bachelors Degree; registered with SACNASP or SAIOH and or any other recognised registration body; and Years of experience: They have >6yrs but s10 years of relevant on-the-Environmental monitoring experience. Score 80 Qualifications: They are in possession of a relevant Bachelors Degree with Honours; registered with SACNASP or SAIOH and or any other recognised registration body; and Years of experience: They have >10 but s 12 years of relevant on-the-job Environmental monitoring experience. Score 100				
3	Method Statement/ Approach Paper	30				Model Answer				
	Approach Paper		30	The approach paper provides the Consultant with an opportunity to describe how the Consultant intends to and will deliver the necessary services.	1.TEAM SET UP 1.1. How will the team of Key People be set up to perform the various componenes of the Scope? 1.2. The Consultant should discuss team composition carefully setting out the various and required roles indicating who will be fulfilling each role. 1.3. How will the roles of Project Manager, EAP and Specialists function? 1.4.Has the Tenderer worked with the Specialists before? What are their credentials? 2.IMPACT ASSESSMENT 2.1How will this task be undertaken? 2.2How will Stakeholder Engagement be co-ordinated? 2.3 What are the gaps in the current available information? Are any further Specialist studies anticipated? 3.RISK ASSESSMENT 3.1. What are the foreseeable risks to completing the Screening & Baseline Assessment in time? How can these risks be mitigated? 4.SCHEDULING 4.1 Consultant must propose a timeline or draft schedule for the required services. Make specific reference to what the Consultant considers to be key milestones. 4.2 How, and in what order, will the necessary tasks be undertaken? 4.3 What are the possible risks that can affect the schedule? How has this been incorporated into the	Score 0The tenderer has submitted no information to determine a score Score 20Only one (1) of the five (5) key elements were addressed. Score 40Only 2 (two) of the five (5) key elements were addressed Score 603 (three) of the five (5) key elements were addressed Score 804 (four) of the five (5) key elements were addressed Score 100All 5 (five) key elements were addressed.				
Threshold 66.67		100.00	100.00	Threshold 60	Name & Surname: _____ Designation: _____ Signature: _____ Date: _____	Name & Surname: _____ Designation: _____ Signature: _____ Date: _____				(#REF!)