



TNPA 2021/11/0006/RFP-APPOINTMENT OF CONSULTANTS FOR THE DANGEROUS GOODS RISK ASSESSMENT AT TRANSNET NATIONAL PORTS AUTHORITY'S EIGHT (08) PORTS (SALDANHA, CAPE TOWN, MOSSEL BAY, NGQURA, EAST LONDON, PORT ELIZABETH, DURBAN AND RICHARDS BAY) FOR A PEIOD OF EIGHTEEN (18) MONTHS.

TRANSNET NATIONAL PORTS AUTHORITY (TNPA)
2021/12/03

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Content

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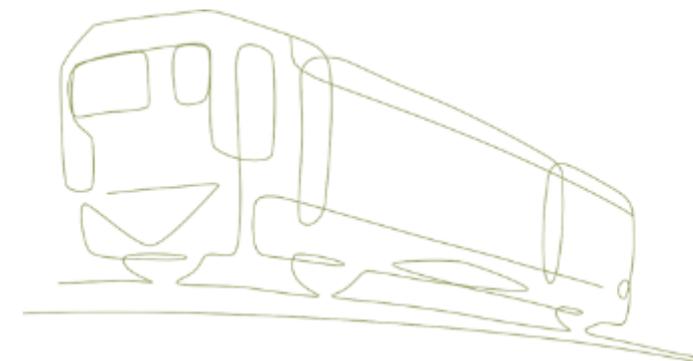
Supplier Development
Technical Requirements

Close

Presenters

Tshegofatso Shaku
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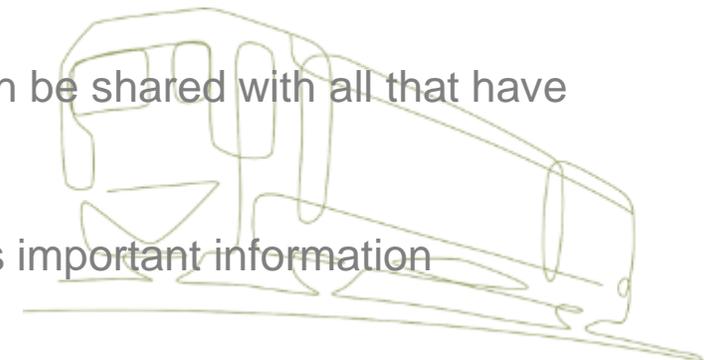
Siseko Gwazela
Captain Naresh Sewnath



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Ground Rules

- Respondents must ensure that their speakers are on mute
- RFP document will not be issued in this meeting
- Late comers will be allowed but information will not be repeated to their benefit.
- Respondents are required to fully complete the attendance register that will be provided via email after the briefing
- Questions will be allowed by raising a hand after every section of the presentation –Procurement, Supplier Development and Technical
- The meeting is recorded and minutes in the form of presentation will be shared with all that have attended
- Respondents are required to remain for the entire briefing session as important information pertaining to the RFP will be presented.



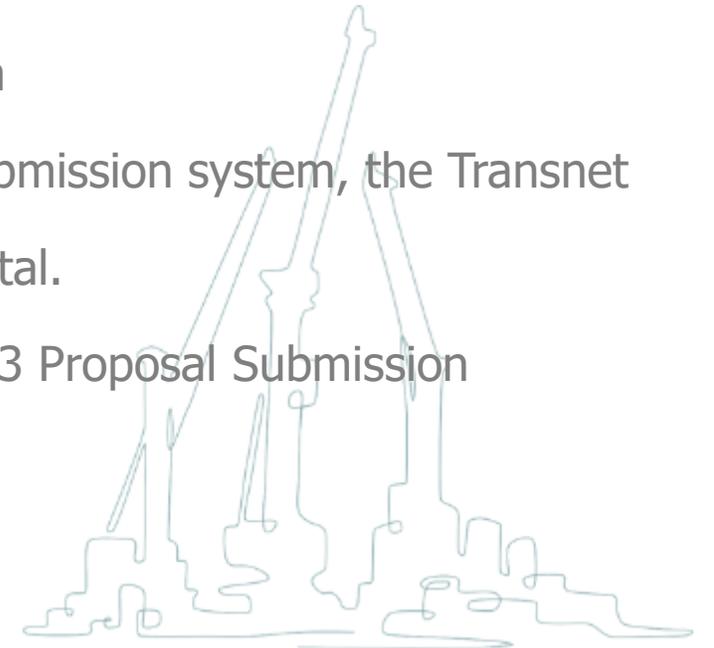
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RFP Timelines

Timelines

Issue date	25 November 2021
Clarification deadline	07 January 2022 at 12:00
RFP Closing	18 January 2022 at 10:00am
RFP Closing	via new electronic tender submission system, the Transnet the e-Tender Submission Portal. Refer to page 6 of 45, point 3 Proposal Submission

NO LATE DOCUMENTS WILL BE ACCEPTED



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RFP TIMELINE

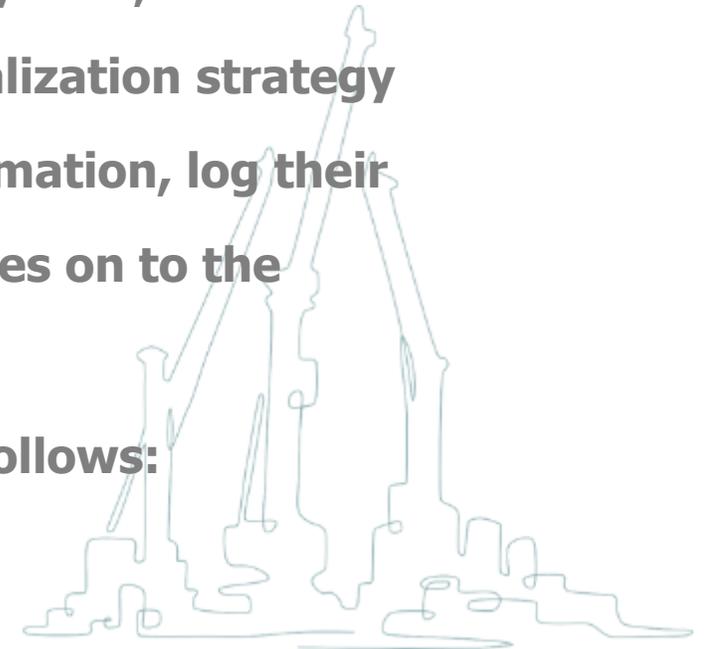
Closing address-Refer to page 6 of 45 of the RFP document

PROPOSAL SUBMISSION

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.

a)The Transnet e-Tender Submission Portal can be accessed as follows:

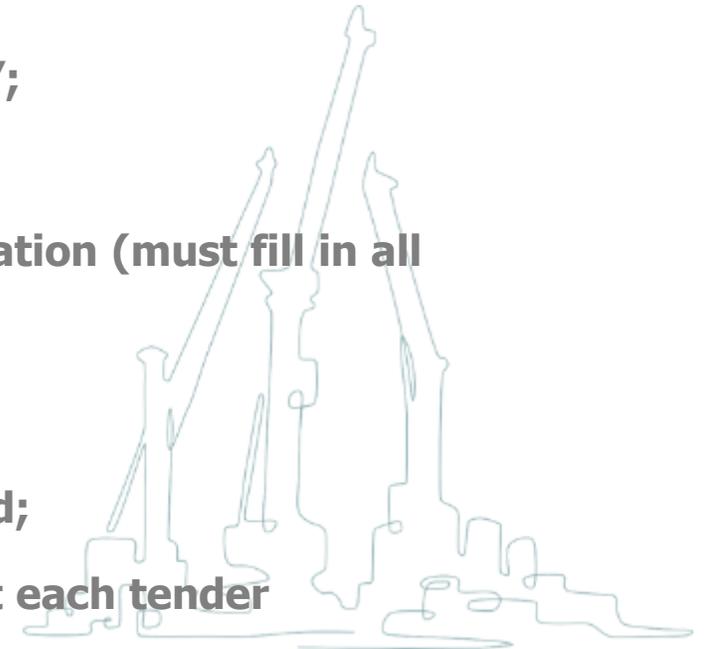
Log on to the Transnet eTenders management platform website (<https://www.transnet.net>);



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RFP TIMELINE

- 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.





Returnable documents-Refer to RFI page 23 of 45

a) Mandatory Returnable Documents

Respondents are required to submit with their bid submissions the following **Mandatory Returnable Documents**, and also to confirm submission of these documents by so indicating [Yes or No] in the tables below:

MANDATORY RETURNABLE DOCUMENTS	SUBMITTED [Yes/No]
Section 1: SBD1 Form	
Annexure C: Pricing and Delivery Schedule In Excel	
SECTION 4 : Pricing and Delivery Schedule	
Valid proof of Respondent's compliance to B-BBEE requirements stipulated in Section 9 of this RFP - Respondents with a minimum B-BBEE status level of 4	



Returnable documents-Refer to RFI page 24 of 45

b) Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following Returnable Documents Used for Scoring and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

<u>RETURNABLE DOCUMENTS USED FOR SCORING</u>	SUBMITTED [Yes or No]
Company profile with Service and offering- Proof of company relevance to the task at hand must be observable.	
CV for Project Manager- CV with three contactable references CV's must indicate years of work experience.	
Qualification for Project Manager - Certificate of Completion/ or confirmation letter on	
CV for IMDG Specialist with Marine Qualification- CV with three contactable references. CV's must indicate years of work experience	
Qualification for IMDG Specialist with Marine -Advance Certificate in IMDG for a IMDG Specialist	



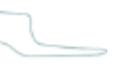


Returnable documents-Refer to RFI page 24 of 45

b. Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following Returnable Documents Used for Scoring and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

<p>Qualification for IMDG Specialist with Marine -Advance Certificate in IMDG for a IMDG Specialist</p>	
<p>CV for Risk Management Specialist- CV with three contactable references. CV's must indicate years of work experience.</p>	
<p>Qualification for Risk Management Specialist- Certificate of qualification related to dangerous goods for a Risk Management Specialist</p>	
<p>CV for Safety and Health Specialist - CV with three contactable references. CV's must indicate years of work experience</p>	
<p>Qualification for Safety and Health Specialist- Certificate of qualification for a Safety and Health Specialist</p>	
<p>CV for Environmental Management Specialist- CV with three contactable references. CV's must indicate and years of work experience</p>	



Returnable documents-Refer to RFI page 24 of 45 TRANSNET

b. Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following Returnable Documents Used for Scoring and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

Qualification for Environmental Management Specialist- Certificate of qualification for a Environmental Management Specialist	
Organogram- properly structured organogram. Identified project team roles and functions. Provide a list of team members that will be assigned to this project, showing structured reporting lines. The roles and specific functions of each team member with regards to the project must be identified.	
Plan- The bidder must submit a summary project plan with the following components: Critical Success Factors, Deliverables, Work & Cost Breakdown Structure, Project Schedule, Project Budget, Quality Assurance (Control Plan), Stakeholder Management Plan, Communication Plan and Project Risk Register. The bidder must also identify how the required documents as outlined in the request for proposal will be produced.	
Methodology- Provide a methodology that will be applied in the risk assessment supported by the reason for its use. Both quantitative & qualitative.	





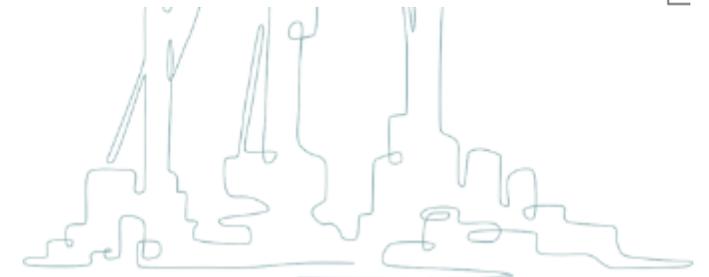
Returnable documents-Refer to RFI page 25 of 45

b. Returnable Documents Used for Scoring

In addition to the requirements of section (a) above, Respondents are further required to submit with their Proposals the following Returnable Documents Used for Scoring and also to confirm submission of these documents by so indicating [Yes or No] in the table below:

Page 25 of 45
Returnable document

<u>RETURNABLE DOCUMENTS USED FOR SCORING</u>	SUBMITTED [Yes or No]
Method of reporting -Provide a method of reporting on the risks and the principles that will be applied to reduce the risks identified.	
Project Plan -Project plan with the 18 months timeline and within cost	





ANNEXURE-B TECHNICAL EVALUATION

Technical Evaluation Criteria for Dangerous Goods Risk Assessment for 8 SA Ports

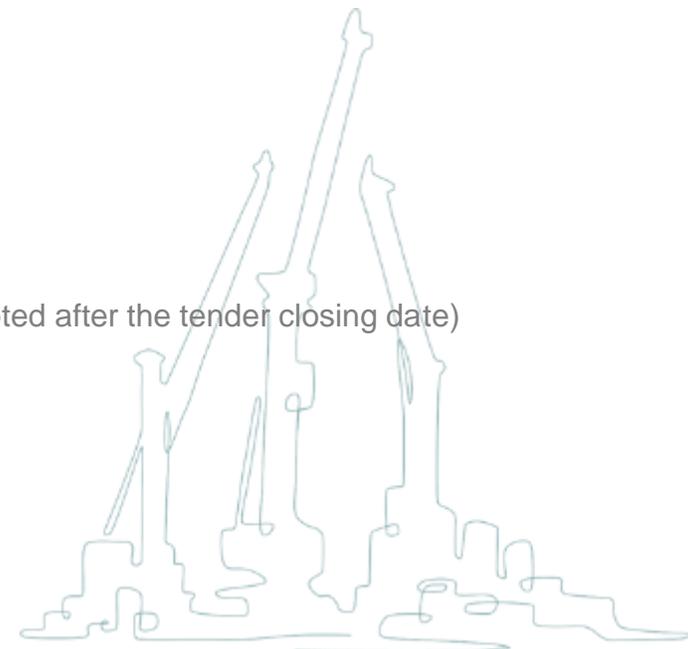
Ref	Criteria	Weight	Requirements	Type of proof to be submitted	Scoring Criteria
1	Company Profile	5	The company must present itself and its services. Proof of company relevance to the task at hand must be observable.	Company profile with Service and offering.	3= Clearly articulated services and business services aligned with the scope of the project. 2=Company services with full alignment to scope of the project incomplete relevance to task 1 = Company services partially alignment to scope of the project 0 =no company services or relevance to task.
2	Years of Experience	5	Project Manager	Professional to provide a CV with three contactable references CV's must indicate years of work experience.	5 = > 10 Years of experience in the field with- with references 4 = 9-10 Years of experience in the field-with references 3 = 6 -8 Years of experience in the field – with references 2 = 4 -5 Years of experience in the field– with references 1 = 1-3 Years of experience in the field with references 0=< 1 Year of experience in the field - with -references
3	Qualification	5	Project Manager	Certificate of Completion /confirmation letter on successful projects completed related to dangerous goods as a Project Manager	1=Relevant Certificate or confirmation letter submitted 0=Irrelevant / no certificate or confirmation letter submitted
4	Years of Experience	10	IMDG Specialist with Marine Qualification	Professional to provide a CV with three contactable references. CV's must indicate years of work experience.	5 = > 10 Years of experience in the field – with references 4 = 9-10 Years of experience in the field – with references 3 = 6 -8 Years of experience in the field – with references 2 = 4 -5 Years of experience in the field – with references 1 = 1-3 Years of experience in the field – with references 0 = < 1 Year of experience in the field with references
				indicate years of work experience.	3 = 6 -8 Years of experience in the field – with references 2 = 4 -5 Years of experience in the field – with references 1 = 1-3 Years of experience in the field – with references 0 = < 1 Year of experience in the field with references

COMMERCIAL

Returnable Documents to be submitted with the RFP document but not limited to:

- RFP document
- Annexures to RFP 09 attachments (including the RFP
 - Annexure A-Scope of Work -
 - Annexure B-Technical Evaluation Criteria for Dangerous Goods Risk Assessment
 - Annexure C-Pricing Schedule-To be completed
 - Annexure D1-Treasury Instruction No 2 of 201617 Cost Containment Measures
 - Annexure D-DPSA Rates Fees July 2020
 - Annexure E-Supplier Integrity Pact April 2020_v1
 - Annexure F-Non-Disclosure Agreement April 2020_v1
 - Annexure G-2.17 Supplier Declaration Form June 2021_v8-To be completed
 - Annexure H- Master Service Agreement-(make comments where necessary as comments will not be accepted after the tender closing date)
- Mandatory returnable documents -To be submitted (Page 23 of 45)
- Essential returnable documents used for scoring- To be submitted (Page 24-25 of 45)
- Tender closing date, time- 18 January 2022, closing of tender via Transnet eTenders o or before 10:00am

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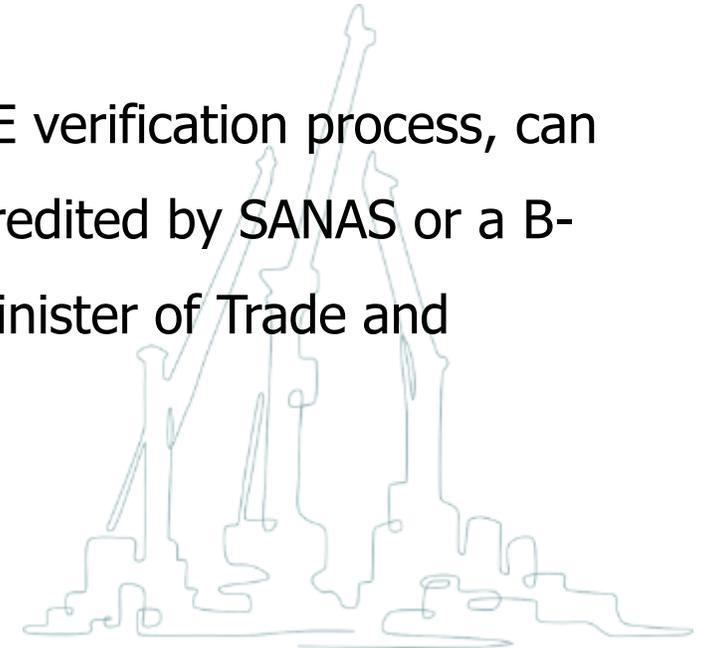
SUPPLIER DEVELOPMENT



PPPFA prequalification



- **The tender is strictly put as a pre-qualification for minimum B-BBEE level 4 contributor ONLY.**
- **Failure to do so**, will result in the tender being deemed non-responsive and therefore eliminated from further evaluation.
- **Submit a valid B-BBEE Sworn Affidavit OR B-BBEE certificates.**
- An entity that qualifies in terms of the B-BBEE Act to undergo a B-BBEE verification process, can only do so with a verification professional or agency that has been accredited by SANAS or a B-BBEE Verification Professional Regular that may be appointed by the Minister of Trade and Industry.



The following pointers are key in determining the validity of a sworn affidavit:



- Name/s of deponent as they appear in the identity document and the identity number.
- Designation of the deponent as either the director, owner or member must be indicated in order to know that person is duly authorised to depose of an affidavit
- Name of enterprise as per enterprise registration documents issued by the CIPC, where applicable, and enterprise business address.
- Percentage of black ownership, black female ownership and designated group. In the case of specialised enterprises as per Statement 004, the percentage of black beneficiaries must be reflected.
- Indicate total revenue for the year under review and whether it is based on audited financial statements or management account.
- Financial year end as per the enterprise's registration documents, which was used to determine the total revenue.
- B-BBEE Status level. An enterprise can only have one status level.
- Empowering supplier status must be indicated. For QSEs, the deponent must select the basis for the empowering supplier status.
- Date deponent signed and date of Commissioner of Oath must be the same.
- Commissioner of Oath cannot be an employee or ex officio of the enterprise because, a person cannot by law, commission a sworn affidavit in which they have an interest.

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QUESTIONS AND ANSWERS



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TECHNICAL REQUIREMENTS





TECHNICAL REQUIREMENTS

Transnet National Ports Authority (TNPA) is 1 of the 5 Divisions of Transnet.

TNPA is a landlord and Port Authority – one of the many functions of the Port Authority is to ensure the safe movement of dangerous goods in the 8 commercial ports as per the Ports Act no.12 of 2005

TNPA REIMAGINED – New Operating Model

Run TNPA with Authority (Oversight) An enabling Capital Delivery Model

In Summary, if we get the culture and the desired outputs right, then we would have achieved the ultimate goal of being an INTEGRATED COMPETITIVE WORLD CLASS PORT SYSTEM through:

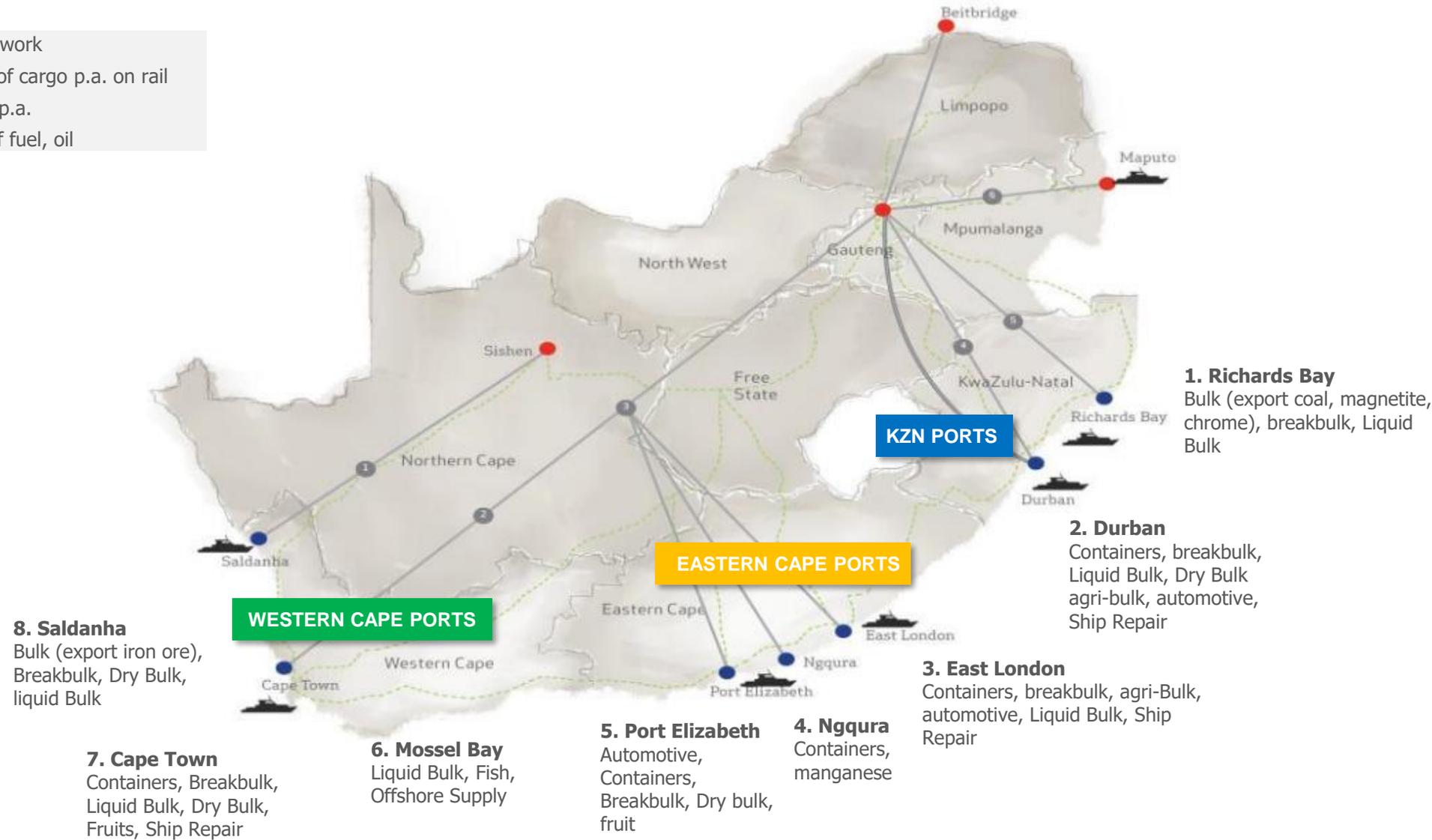
- Seamless connectivity (modes and nodes)
- Adequate capacity
- Efficient operations
- **Safe, secure and sustainable ports**
- Affordable ports





Ports of South Africa

- 20,500 Km rail network
- >200 Million tons of cargo p.a. on rail
- >4.3 Million TEUs p.a.
- >18 Billion litres of fuel, oil



1. Richards Bay
Bulk (export coal, magnetite, chrome), breakbulk, Liquid Bulk

2. Durban
Containers, breakbulk, Liquid Bulk, Dry Bulk agri-bulk, automotive, Ship Repair

3. East London
Containers, breakbulk, agri-Bulk, automotive, Liquid Bulk, Ship Repair

5. Port Elizabeth
Automotive, Containers, Breakbulk, Dry bulk, fruit

4. Ngqura
Containers, manganese

7. Cape Town
Containers, Breakbulk, Liquid Bulk, Dry Bulk, Fruits, Ship Repair

6. Mossel Bay
Liquid Bulk, Fish, Offshore Supply

8. Saldanha
Bulk (export iron ore), Breakbulk, Dry Bulk, liquid Bulk

TNPA Overview

TNPA is a landlord and Port Authority – one of the many functions of the Port Authority is to ensure the safe movement of dangerous goods in the 8 commercial ports.

The dangerous goods are classified by IMO as International Maritime Dangerous Goods Code

The IMDG Code is based on an internationally agreed system which:

- Groups dangerous goods together based on the hazards they present in transport (classification).
- Contains the dangerous goods in package/tanks which are of appropriate strength and which will prevent the goods escaping.
- Uses hazard warning labels and other identifying marks to identify dangerous goods in transport.
- Requires standard documentation to be provided when dangerous goods are being transported.
- Lays down principles for ensuring that dangerous goods which will react dangerously together are kept apart.
- Lays down principles for where to place dangerous goods on board ship to ensure safe transport.
- Provides emergency response advice for dangerous goods involved in a fire or spillage on board ship.



Dangerous Goods Risk Assessment

The last Dangerous Goods Risk Assessment was conducted in 2008 – 13 years ago. The port environment is constantly changing and the risks will change as well – it is therefore essential to conduct another complete dangerous goods risk assessment

Changes not limited to following factors

1. Port expansion & development
2. Changes in legislation
3. Increase or decrease in quantity of dangerous goods
4. Port or terminal capacity constraints
5. Changes in mode of transportation of dangerous goods from and to ports
6. Increase/ decrease in vessel traffic or sizes of vessels
7. Increase/decrease of road traffic
8. Climate change – alternative power sources – LNG, LPG, Hydrogen, Ammonia

The existing procedures are still valid and in place to ensure the safe movement of dangerous goods - need to enhance and procure a risk tool to ensure it can be done internally. Include LNG & LPG with more details.

Beirut – Ammonium Nitrate Incident – Aug. 2020

The Department of Transports with SOEs and private organisations have embarked on an exercise to create greater awareness and promote safety when handling ammonium nitrate and later move to other dangerous goods. Procedures are in place in the Ports but the logistics outside the port are off concern – Ammonium nitrate is treated as Class 1 explosives and need to evacuate the port immediately without delay. TNPA is participating in this exercise to benefit also in terms of creating awareness.

Need to assess the various types of dangerous cargo handled in the ports

Reporting of Hazardous and Noxious substances as per IMO protocol

Project Deliverables

Components of the Risk Assessment Work Plan

1. History and setting of the Port Facility, including demographic information
2. Risk Assessment of Transport, Handling and Movement of Dangerous goods in the port system- includes container, liquid bulk, dry bulk, gases and general cargo. Bunkering, hot work and other high risk activities.
3. Evacuation and emergency procedures
4. Research international and national legislations related to dangerous goods, benchmarks & procedures – ensure SA ports are aligned or identify gaps.
5. Data evaluation and selection of International Maritime Dangerous Goods (IMDG) & other Dangerous Goods in Bulk of potential concern.
6. Human health risk assessment
 1. Exposure assessment
 1. Risk Characterization
 2. Bulk HNS – Safety, Health & Environmental Risks, Include identification of hazards, Net Explosive Quantities(NEQ), blasts radius, designation of Safety Zones at various areas, storage limits, dwell times for key high risk cargoes, environmental considerations and weather operational parameters for cargo operations and manoeuvring high risk vessels with dangerous goods.
 7. The risk Zones at various areas, storage limits, dwell times for key high risk cargoes, environmental considerations, also risks of LNG to other port operations. Considerations of gas pipelines within the port area.
8. Ecological risk assessment, including a description of how site-specific clean-up levels based upon protection of ecological receptors will be calculated, if appropriate (for some sites this may only be a qualitative evaluation)

Project Deliverables

1. Project Plan with milestone dates of different activities
2. Quantitative Risk Assessment of all 8 Ports
3. Stakeholder engagements
4. Benchmarking & research, application of international best practice
5. Compliance to updated legislation
6. Dangerous Goods Standards for Transport and Handling of Dangerous Goods in SA Ports
7. Procedures for Handling of DG
8. Reports in Hard copies and Soft(Word & PDF) copies – Risk Assessment of Each Port – 10 Copies
Standards for Transport & Handling of DG in SA Ports
Procedures for all 8 Ports

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QUESTIONS AND ANSWERS



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THANK YOU

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