Annexure A: Ship Lift or Slipway or Floating Dock (Restricted to Project Site 1 only) or Boat Hoist Facility Questionnaire

27 November 2026

Annexure A: Ship Lift Facility

Section A: Respondent Information

A1. Company Profile

1. Provide details of the respondents' organisation, ownership structure and shareholding.
2. Describe your experience in financing, designing, constructing, operating and maintaining ship repair facilities.
3. List similar ship lift or slipway or floating dock or boat hoist projects undertaken in the last 15 years.

Section B: Technical Solution

B1. Ship Lift Technology

1. Describe the proposed ship lift technology.
2. Confirm that the proposed solution is a land-based ship lift system.
3. Confirm that the proposal excludes floating docks and provide reasons for the suitability of the proposed system.
4. Indicate the lifting capacity proposed (tonnes).
5. Specify maximum vessel dimensions:
    - 5.1 Length Overall (LOA)
    - 5.2 Beam
    - 5.3 Draft
    - 5.4 Displacement

B2. Design Parameters

1. What design vessel(s) have been used in developing the concept?
2. Given the options below:
    - 2.1 Option 1: Project Site 1 - Land Extent of 29 682 m² (Land Area A, B, C), and Water Extent of 8 721 m²;
    - 2.2 Option 2: Project Site 1 - Land Extent of 6 083 m² (Land Area A only) respectively, and Water Extent of 8 721 m²;

2.3 Option 3: Project Site 2 - Land Extent of 30 783 m² (Inclusive of Land and Buildings) and Water Extent of 0 m².

What design can be best suited within these parameters?

3. What contingency arrangements will be implemented to maintain operational continuity should the Ship Lift or Slipway or Floating Dock or Boat Hoist Facility become unavailable or non-operational? Please provide details of any alternative lifting solutions.
4. Demonstrate the suitability of the proposed facility for:
    4.1 Harbour tugs
    4.2 Trailing suction hopper dredgers
    4.3 Grab dredgers
    4.4 Pilot boats
    4.5 Launches
    4.6 Work boats
    4.7 Naval and government vessels
    4.8 Commercial vessels
5. Provide indicative throughput assumptions

B3. Transfer System

1. Which Ship Lift platform and transfer mechanisms is suitable for a site/facility measuring as follows:

    Water Area: 8 721 m²;

    Land Area:

    Option 1: Project Site 1 - 29 682 m² (Land Area A, B, C), or

    Option 2: Project Site 1 - 6 083 m² (Land Area A only), or

    Option 3: Project Site 2 - Land Extent of 30 783 m² (Inclusive of Land and Buildings), and Water Area of 0m²; respectively.

2. How many repair bays can fit on the site extent?

Section C: Water-Side Infrastructure

C1. Marine Access

1. Describe all required marine-side infrastructure.
2. What dredging requirements are anticipated?
3. What approach channel dimensions are required?
4. What minimum water depths are required?
5. Describe vessel maneuvering requirements.
6. Provide anticipated vessel traffic impacts.

C2. Marine Structures

1. Is there an appetite from the Private Sector to invest in the below mentioned shiplift infrastructure?

- Guide structures
- Fender systems
- Mooring systems
- Navigation aids

Section D: Land-Side Infrastructure

D1. Repair Yard

1. List the type(s) of infrastructure/equipment required to operate the facility on the landside?

D2. Utilities

1. What other utilities are required/expected from TNPA to support the development/project?

Section E: TNPA Strategic Fleet Requirements

E1. Priority Access

1. Does the respondent have the appetite to engage TNPA for Preferential booking rights on their fleet? If Yes,
    1. What minimum annual capacity can be reserved for TNPA vessels?

2. How would emergency docking requirements for TNPA vessels be accommodated?

E2. TNPA Tariff Requirements

1. Confirm willingness to charge TNPA fleet vessels in accordance with rates approved by the Ports Regulator and published in the TNPA Tariff Book.
2. If confirmed, describe how this will be incorporated into the commercial model.

E3. TNPA Execution of Maintenance Works

1. Does the respondent have an appetite to allow TNPA to conduct maintenance on the TNPA fleet, in the Respondents facility? Yes/No?.

Section F: Commercial Model

F1. Funding

1. Describe the proposed financing model.

F2. Revenue Model

1. Describe the anticipated revenue streams.
2. What concession duration would be required to support project viability?

Section G: Transformation and Inclusion

G1. Ownership

1. Describe percentage of proposed black ownership participation.
2. Describe percentage of proposed women ownership participation.
3. Describe percentage of proposed youth ownership participation.
4. Describe percentage of proposed people with disability ownership participation

G2. Enterprise Supplier Development (ESD)

1. Describe proposed opportunities for participation by:

- SMMEs (51% Black owned, Black youth owned and Black people with disabilities and Black women owned)
- Local businesses owned by designated groups as highlighted above
- Previously disadvantaged individuals
- Ship repair subcontractors (locally based in South Africa and designated groups)

2. What percentage of annual spend can be committed to local suppliers owned by previously disadvantaged individuals?
3. Describe types of supplier development programmes aimed at providing capacity and capability to designated groups.

G3. Skills Development and Transfer

1. Propose skills development and transfer (transfer of maintenance skills to engineers) as well as technology transfer.
2. Describe apprenticeship programmes.
3. Describe maritime artisan development programmes.
4. Describe plans to support growth of black-owned ship repair enterprises e.g., training and incubation programs

G4. Localisation and Industrialisation

1. What minimum local content levels can be achieved?
2. Which ship repair activities can be localised and or industrialised in Durban – eThekwini Municipality?
3. What opportunities exist to grow a broader ship repair ecosystem in Bayhead with more transformation opportunities

G5. Job creation

1. How many new jobs can be created for the following designated groups:
    - 1.1 Black women
    - 1.2 Black youth
    - 1.3 Black people living with disabilities
    - 1.4 Black people living in rural or underdeveloped areas or townships
2. Of the total number of new jobs to be created provide the indication of the number of:
    - 2.1 Skilled
    - 2.2 Semiskilled
    - 2.3 Unskilled

Section H: Environmental and Regulatory

1. Identify all approvals likely to be required.
2. Describe environmental impacts anticipated.
3. Describe sustainability initiatives and decarbonisation opportunities.

Section I: Handover and Asset Management

1. Describe lifecycle maintenance strategy.
2. Is it expected that TNPA will provide compensation at the expiry of the tenure period?

Section L: Strategic Value Proposition

1. Describe how your proposed facility will contribute to establishing Durban as a regional ship repair hub for Southern Africa?
2. Describe the value-add activities that will be provided.

Section M: Safety Requirements

1. SHE Policy and SHE Management System description
2. Compliance with Construction Regulations of 2014 and compliance with OHSA 85 of 1993 requirements
3. Establishment of the measurable SHE KPIs management
4. The respondents to explain how SHE will be embedded into the design and during construction.
5. Contractor and sub-contractors' management
6. Emergency preparedness and response including fire emergencies
7. Permit to work system
8. Standard / Safe Operating Procedures (SOP) and/or Work Instructions (WI) during construction
9. Comprehensive Risk Assessment and Method Statement
10. Incidents / Accidents Management during construction and Investigation Reporting and Templates
11. Fall Protection Plan (If Applicable) during construction

12. Signed OHS Act – Section 37.2 Contractor / Client Agreement and Mandatory Principal Contractor Appointment Letter.