ANNEXURE D1: Marine Engineering

High-level Profile of the Respondent:

Profile of the Respondent:	
• The name of the respondent, and its full registration details	
• The name and contact details of the person appointed by the Respondent as its representative in the event that the Project Officer wishes to engage on the any aspect of the RFI Response;	
• The main business of the Respondent, in relation to operating a ship repair facility.	
• Information on capabilities and experience: • What is the Respondents' capability and experience with design, development, financing and management of a Facility of this nature?	Operating a similar facility elsewhere and number of years. *(Respondents are encouraged to provide supporting documentation to substantiate the information provided)*

Parcel	Name	Size (m^2)	Approx. Height (m)	Overhead Crane Capacity	Indicative Concrete Floor Load Capacity (t/m^2)	Notified Maximum Demand	Age of the Facility
Percel B	Workshop 1	5250	±13	25 tonnes	5	4 MVA	2007
	Workshop 2	3071.1	±8	N/A	2.5	4 MVA	2007
	Workshop 3	565	±8	N/A	2.5	4 MVA	2007
Percel C	Workshop 1	1067	±12	32 Tonnes	7.5	4 MVA	2007
Percel D	Workshop 1	811.5	±8	N/A	2.5	4 MVA	2007
	Workshop 2	256	±10	16 Tonnes	5	4 MVA	2007

Spatial requirements and Operational layout:

Land Percel and Size:	
• Which land parcel do you require?	69 000 sqm or less (please specify)
• What land size (sqm) do you require?	E.g. 24 000, 30 000, 47 00 00 sqm or less (please specify)
• At a concept level, what would be the design layout of the envisaged facility?	*(respondents are encouraged to provide a high-level concept design).*
• Estimated Development Period	Eg 18 or 24 months (Respondents are encouraged to provide a high-level project schedule)

Information on the commercial aspects of the proposed Development

Market analysis and demand forecast:	
• What is the intended use of the facility?	E.g. Fabrication or manufacturing
• What is the Respondents potential market, suppliers, and segment analysis?	*(respondents are encouraged to provide supporting documentation to substantiate the information provided)*
• What is the respondents Value proposition for the envisaged Facility?	

Information on the Technical aspects of the proposed Development:

Facility Equipment & Infrastructure Requirements:	
• **Facility Equipment:** Based on the conceptual design layout for the envisaged Facility, what would be the required Facility Equipment and/or upgrades with respect to the following: • General machinery, plant and equipment.	*(respondents are encouraged to provide a high-level breakdown to substantiate the information provided)*
• What would be the Respondent's estimated cost of the above-mentioned facility equipment?	*(respondents are encouraged to provide a high-level cost breakdown)*
• **Facility Infrastructure:** Based on the conceptual design layout for the envisaged Facility, what would be the required Facility Infrastructure and/or upgrades with respect to the following? • Sheds, offices, ablutions, canteens, fencing, security systems, paving, communication systems, lighting, substations etc.	*(respondents are encouraged to provide a high-level breakdown to substantiate the information provided)*
• What would be the estimated cost of the facility Infrastructure?	*(respondents are encouraged to provide a high-level cost breakdown)*

Enabling Infrastructure Requirements:	

• **Landside:** Based on the targeted vessel size/type and conceptual design layout for the envisaged Facility, what would be the required landside infrastructure upgrades with respect to the following:
  • Bulk Services
  • Electrical; and
  • Other
	(respondents are encouraged to provide a high-level breakdown to substantiate the information provided)

• What would be the Respondent's estimated cost landside upgrades?	*(respondents are encouraged to provide a high-level cost breakdown)*
• What is the Respondents envisaged Tenure as compensation for their contribution to investment in enabling landside Infrastructure?	+25 Years

Information on estimated cost and magnitude of investment:	
• What would be the Respondent's estimated Total Capital Investment for the project	*Respondents are to indicate how funding for the Project will be sourced, e.g., debt equity.*
• What would be the Respondent's estimated optimal phasing/timing of the investments required, to achieve maximum capacity and operational efficiency.	
• What is the Respondents envisaged Tenure for the project and the requisite justification?	

Environment:	
• Respondents should please provide information on sustainability initiatives and green technologies that they could implement the Facilities.	

Transformation:	

• In the context of the TNPA's statutory mandate to transform the port sector by promoting the participation of previously disadvantaged individuals in port operations, Respondents are required to provide a high-level overview of:
  • How will the Facility Operator ensure that previously disadvantaged individuals are involved in this project as per the Ports Act and BBB-EE.
	(respondents are encouraged to provide a high-level initiative).
	  ○ Job Creation & employment
	  ○ Skill development & Training (artisans & apprenticeship)
	  ○ Supplier development
	  ○ Local Content