

TRANSNET NATIONAL PORTS AUTHORITY

an Operating Division of **TRANSNET SOC LTD**

[hereinafter referred to as **Transnet**] [Registration No. 1990/000900/30]

REQUEST FOR INFORMATION [RFI]

REQUEST FOR INFORMATION (RFI) IN RESPECT OF THE PROCUREMENT OF THE PROVISION OF TECHNICAL AND COMMERCIAL SERVICES FOR TECHNICAL ASSESSMENT OF EXISTING/OLD TUGBOATS AND THE CONVERSION/RETROFIT TO UTILISE ALTERNATIVE FUELS (INCLUDING NATURAL GAS, BIODIESEL, HYDROGEN/AMMONIA AND METHANOL).



RFI NUMBER:	TNPA/2024/10/0008/80711/RFI
ISSUE DATE:	28 October 2024
NON-COMPULSORY BRIEFING SESSION:	06 November 2024 @10H00
CLOSING DATE:	31 January 2025
CLOSING TIME:	16H00
BID VALIDITY PERIOD:	180 days FROM CLOSING DATE

Questions and Responses 1:

No.	Bidders Questions	TNPA Responses
1	Proposed timeline for the technical assessment and retrofitting process, including key milestones and deliverables.	TNPA seeks to solicit this information from potential bidders through this RFI for TNPA to plan for these key milestones accordingly.
2	Dates for planned dockings.	All tugs are docked on water side on the respective ports, and they are accessible. For now, there are no planned dry-docking dates, until such time the key deliverables and milestones are established through this RFI.
3.	Is the RFI open to hybrid propulsion systems, i.e. combination of LNG powered and battery powered engines.	The RFI is open to any proposals as long the approach is aligned to reduce our GHG emissions. Bidders must provide a concept scope of work on their hybrid proposals.
4.	We are thinking to also propose new-built vessels as additional proposals, as they may be more economical in the long run. Is the RFI open to such proposals?	The aim is to use the existing older tugs that we have in our asset base as retrofits.
5	Out of the 10 tugs, 4 tugs will be converted. Is it going to be 1 fuel per tug or all the fuels will be investigated? And whichever is the feasible fuel will be used for all 4 tugs or 1 fuel will be used on 1 tug?	TNPA is considering 4 alternative fuel types hence atleast 4 tugboats to accommodate each fuel.
6	Presumable there is a role in South African flag. What's the class and do you wish to keep the same class for the conversions?	They are existing registered South African crafts.
7	Are you using bureau veritas or some other class society?	All the 10 tugs that are involved in the RFI were built under Lloyds Registered Class.
8	Will TNPA consider electrical power as an alternative source?	TNPA will consider this electrical solution on the basis that will it be linked to hydrogen fuel cells and not direct electrification (EV charging station).



No.	Bidders Questions	TNPA Responses
9	Will TNPA be comparing their retrofit business case vs building new alternative fuel tugs cost, in other words are you open to costs for newbuilt costs for alternative fuel tugs?	The aim is to use the existing older tugs that we have in our asset base as retrofits.
10	In RFI in the list of Tugs, what 4 is the ones for retrofit? Mentioned power, is it total or per engine?	The 4 tugs to be retrofitted will be informed by the condition assessment that will be done on the 10 tugs. The table provided in the RFI is drafted in a manner that it reflects information per tug.

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