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REQUEST FOR EXPRESSION OF INTEREST TO PERFORM TOP OVERHAUL OF MAN ENGINES AT 15,000HRS ON MARINE VESSEL (RO-RO FERRY)

Kalangala Infrastructure Services Ltd, is a private limited company operating on Bugala Island, Kalangala District. We provide daily ferry services between Luuku and Bukakata, generate and distribute electricity, and supply treated water.



Under our Ferry Services, we operate two ferries **MV Pearl** and **MV Ssese** between Bukakata and Luuku. These ferries are operated under international maritime laws and The Lake Victoria Transport Act that ensure proper operation of marine vessels and safety of passengers and cargo. As a requirement therefore, the vessels undergo routine dry docking for major maintenance works including Class Certification for the various activities carried out.

Engines Top Overhaul is one of the major works to be undertaken. Hence, the company hereby invites an interested person who is BOSCH trained or Firm accredited/authorized by MAN to handle MAN Marine engines, with experience of not less than five (5) years to submit a sealed proposal to perform the services on the two main engines of MV Ssese that has been scheduled for May 2021. For details on the scope of works, visit our web site www.kis.co.ug or KIS social media sites i.e. Facebook: www.facebook.com/KISLtd Twitter: <https://twitter.com/kisltd>

Proposals should be addressed to the “Procurement Committee” and delivered to the above Kampala Office address at or before 1700Hrs Local time on **26th, April 2021**.

MAIN DIESEL ENGINES FOR PROPULSION

SCOPE OF WORKS

Portside and starboard side Propulsion units shall have service according to the makers (MAN) service interval instructions for 15,000 hours maintenance. This implies that both engines will undergo **Top overhaul**.

The intervention at the 15,000-hour service interval will include the following.

1. Carry out Top overall of both portside and starboard engines following the standard (MAN) service instructions for 15,000 hours.
2. Oil sample to be extracted from the main engines sump immediately after ferry arrival to the yard and sent to a recognized laboratory for analysis results to be presented to the owner and/or owner's representative.
3. Main Engine day tank in engine frame mounting to be opened and cleaned. Owner and/or owners' representative to verify the cleaning works before reassembling covers.
4. Main engine switchboards to be opened and all terminal connections to be tightened.
5. Cooling water to be replaced with new coolant premixed or mixed according to coolant makers instructions. Coolant to comply with engine maker recommendations.

Expansion tanks to be cleaned prior to refilling cooling media.
6. Oil cooler to be opened and cleaned and closed with new packings.
7. All pressure and temperature gauges to be checked for correct function.
8. Canopy to be thoroughly cleaned and canopy doors to be readjusted to close completely. Canopy door handles to be replaced. Canopy door packing to be replaced with new ones.
9. All bolts, nuts and joints to be retightened according to makers torque listings.
10. All alarms to be tested and capability to reset local and from wheelhouse control console.
11. Check and replace engine mountings where necessary.
12. Replace water pumps.