

PURCHASE REQUEST

Mines and Geosciences Bureau

2011-09-26

Sept 19/11

Department: Environment & Natural Resources	PR No.: _____	Date: 8-Aug-11
Section: Marine Mining Technology	SAI No.: _____	Date: _____
	ALOBS No.: _____	Date: _____

Quantity	Unit of Issue	Item Description	Stock No.	Estimated Unit Cost	Estimated Cost
1	LOT	<p>Supply of labor, spareparts/materials, tools and equipment for the general overhauling (check up/repair/rehabilitation) of the following engines/machineries of RPS Explorer:</p> <p>a) Main Engine (2-unit) Specs: YANMAR Engine Model: S185-ET Scope of Work: 1. Take/record crankshaft deflection before and after overhauling. 2. Dismantle and re-install inways/pipings and attachments prior to pulling out of injectors, cylinder heads, pistons and liners. 3. Clean, check and measure all parts if still in compliance to tolerances and clearances. 4. Dismantle and clean all lube oil and cooling water pumps attached and lube oil & freshwater coolers. 5. Dismantle and clean all lube oil piping/tubing system. 6. Dismantle and recondition the engine governor. 7. Recondition and calibrate/test all fuel injectors and air starting valves. 8. Clean and test all cylinder heads for cracks and leaks thru hydrotest and dye reactant test. 9. Renew all defective pressure and temperature gauges. 10. Repair/renew all defective/worn out parts and exceeds allowable limit of tolerance/clearance. 11. Assemble and box up the engine prior to dry running, testing and sea trial for satisfactory operation.</p> <p>Overhauling labor cost 875,000.00</p>		875,000.00	1,750,000.00
		<p>b) Auxiliary Engine No. 2 Specs: YANMAR engine Model: 6KEL-DTN Scope of Work: 1. Take/record crankshaft deflection before and after overhauling. 2. Dismantle and re-install inways/pipings and attachments prior to pulling out of injectors, cylinder heads, pistons and liners. 3. Clean, check and measure all parts if still in compliance to tolerances and clearances. 4. Dismantle and clean all lube oil and cooling water pumps attached and lube oil & freshwater coolers.</p>			

SAC No. _____
 DATE: 9/2/11
 BY: [Signature]

[Signature]
 9/2/11

