

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-482
Item to be Scouted	BABA: Diesel Engine
Days to be scouted	90
Response Due By	11/25/2026
Description	Need commercial off the shelf or manufactured Diesel Engine similar in form, fit, and function to Engine (3 out) 1106D-E70TAG4 281 HP (PW83846) Standard E-Pak Configuration W/ Unit Mounted Cooling System, 12VDC

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Engine is manufactured through casting and forging of core components (block, crankshaft, rods), precision CNC machining of critical surfaces (bores, journals), electronic assembly of the E-Pak ECU and wiring harness, stamping/fabrication of brackets and housings, integration of the unit-mounted cooling system, SAE 2 & 11.5 flywheel housing, 12V starter/alternator, and final validation via hot dyno testing to confirm 281 HP output.
Provide dimensions / size / tolerances / performance specifications for the item	https://www.manualslib.com/manual/3138999/Perkins-1106c-E70ta.html#product-1106D-E70TA 280+HP, J1939, 1500/1800 rpms
List required materials needed to make the product, including materials of product components	24VDC, 280+hp, 1500/1800rpms, digital speed control, Analogue, PWM and J1939 Speed Control (TSC1), https://www.manualslib.com/manual/3138999/Perkins-1106c-E70ta.html#product-1106D-E70TA
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
Additional Technical Comments	

Section 4: Business Information

Estimated potential business volume	50 units per year
Estimated target price / unit cost information (if unavailable explain)	\$13500
When is it needed by?	use would be immediately
Describe packaging requirements	no restraints, need justifies modification if needed.
Where will this item be shipped?	U.S. & Canada

Additional Comments

Is there other information you would like to include?	Clarke Power Services, Inc. is the current supplier of the Perkins engine. We currently do not have a BABAA compliant engine for this model.
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