

PQC

VENDOR QUALIFICATION CRITERIA

No.13

Date: 12-04-19

Sub: VQC for Fuel Injection Pump (HK-12M) to drawing no. 5B 327-00-47-01

DESCRIPTION/DRG NO	CRITICAL COMPONENT	CRITICAL-PROCESS	VQC
Fuel Injection Pump (HK-12M) 5B 327-00-47-01	Fuel pump body Governor body Cam shaft Rack assembly Pump element Deliver valve Springs Governor plate Slotted disk with steel ball Fuel feed limiter Flywheel	Aluminium casting Steel forging Cam shaft manufacturing High precision machining	<ol style="list-style-type: none"> <li>The firm should be in the field of manufacturing of fuel injection pumps.</li> <li>The firm should have experience of manufacturing fuel injection pumps items like Fuel pump body, Governor body, Cam shaft, Rack assembly, Pump element, Deliver valve, Springs, Governor plate etc.</li> <li>The firm should have aluminium casting/forging facility or Tie up with a reputed firm.</li> <li>The Firm should have adequate precision machineries like 5-axis machine, milling, boring, and grinding, lapping, polishing, super finishing manufacturing the subject item as per the process.</li> <li>The Firm should have adequate precision cam shaft manufacturing facility or tie-up with reputed firm.</li> <li>The firm should have tie-up with reputed fasteners supplier.</li> <li>The firm should have test rig or test facility to test the Fuel Injection Pump as per test procedure or tie-up with reputed firm.</li> <li>The firm should have tie-up with bearing supplier.</li> <li>The Firm should have heat treatment facility or tie-up with reputed firm for the same.</li> <li>The firm should have testing facility to check cracks, porosity, hardness and other mechanical &amp; chemical properties (or) should have tie-up with NABL laboratories.</li> </ol>

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