
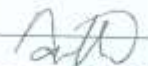


**EVALUATION REPORT ON TECHNICAL BIDS OPENED ON 08-10-2016**  
**FOR THE PROCUREMENT OF DIESEL GENERATOR (80KVA), TENDER ENQUIRY NO. PC/PM(Bhs-Lhr)-I/2016-17**

Sr. #	Approved Specifications of the Department	Name of the Firm & Address	Specifications/Brand/Model quoted by the Firm	Remarks/Recommendations with reasons
1-	<p><b>Diesel Generator(60-80KVA)</b></p> <p><b>Origin</b></p> <ul style="list-style-type: none"> <li>USA, Canada, Japan, UK and west Europe</li> </ul> <p>Capacity Prime Rating 60 KVA to 80 KVA</p> <ul style="list-style-type: none"> <li>Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting/ isolators.</li> <li>Diesel fuel tank for minimum 8 hours of continuous run</li> </ul> <p><b>Engine</b></p> <ul style="list-style-type: none"> <li>Prime power rating 60 KVA to 80 KVA</li> </ul> <p>Direct coupled with Alternator</p> <p><b>Alternator</b></p> <ul style="list-style-type: none"> <li>Brushless</li> <li>Self-excited</li> <li>Automatic voltage frequency</li> </ul>	<p>Multiline Engineering Co.3-A                      1, Off Airport Road Opposite,                      Toyota Airport Motors, Lahore                      Cantt.</p>	<p><b>Model-IDPU 80</b></p> <p><b>Origin</b></p> <ul style="list-style-type: none"> <li>Made in UK</li> </ul> <p>80 KVA (Prime) &amp; 88 KVA (Standby)</p> <ul style="list-style-type: none"> <li>Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting/ isolators.</li> <li>Diesel fuel tank for minimum 8 hours of continuous run</li> </ul> <p><b>Engine Perkins 1104A-44TG2</b></p> <ul style="list-style-type: none"> <li>Prime power rating 60 KVA to 80 KVA</li> </ul> <p>Direct coupled with Alternator</p> <p><b>Alternator Meccalte (UK)</b></p> <ul style="list-style-type: none"> <li>Brushless</li> <li>Self-excited</li> <li>Automatic voltage frequency</li> </ul>	<p>This firm has quoted the specifications of Diesel Generator (80 KVA) which match the specifications of tender. Thus, this firm is RECOMMENDED for the purchase of Diesel Generator.</p>

  
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 Department of Fisheries  
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 Punjab, Lahore.

  
 Deputy Director Fisheries  
 (PFI) Headquarter,  
 Department of Fisheries  
 PUNJAB.

<ul style="list-style-type: none"> <li>• Automatic frequency regulated</li> <li>• 400/220 Volt, 3-Phase, 4 wire, 50Hz (Nominal frequency)</li> <li>• F/H type insulated</li> </ul> <p><b>Speed</b></p> <ul style="list-style-type: none"> <li>• 1500RPM (minimum)</li> </ul> <p><b>Exhaust System</b></p> <ul style="list-style-type: none"> <li>• Heavy Duty Residential Grade Silencer with flexible exhaust.</li> </ul> <p><b>Governor Protection</b></p> <ul style="list-style-type: none"> <li>• Electric / Mechanical</li> <li>• Overload Shutdown</li> <li>• Short circuit shut down</li> <li>• Low oil pressure shutdown</li> <li>• High water temperature shutdown</li> <li>• Under-speed shutdown</li> <li>• Over-Winding temperature shutdown</li> <li>• Over-Voltage monitor and tripping</li> <li>• Low-voltage monitor and tripping</li> </ul> <p><b>Monitoring/Control Pannel</b></p> <ul style="list-style-type: none"> <li>• Automatic Alarm Monitor</li> <li>• Under/Over voltage</li> </ul>		<ul style="list-style-type: none"> <li>• Automatic frequency regulated</li> <li>• 400/220 Volt, 3-Phase, 4 wire, 50Hz (Nominal frequency)</li> <li>• F/H type insulated</li> </ul> <p><b>Speed</b></p> <ul style="list-style-type: none"> <li>• 1500RPM (minimum)</li> </ul> <p><b>Exhaust System</b></p> <ul style="list-style-type: none"> <li>• Heavy Duty Residential Grade Silencer with flexible exhaust.</li> </ul> <p><b>Governor Protection</b></p> <ul style="list-style-type: none"> <li>• Electric / Mechanical</li> <li>• Overload Shutdown</li> <li>• Short circuit shut down</li> <li>• Low oil pressure shutdown</li> <li>• High water temperature shutdown</li> <li>• Under-speed shutdown</li> <li>• Over-Winding temperature shutdown</li> <li>• Over-Voltage monitor and tripping</li> <li>• Low-voltage monitor and tripping</li> </ul> <p><b>Monitoring/Control Pannel</b></p> <ul style="list-style-type: none"> <li>• Automatic Alarm Monitor</li> <li>• Under/Over voltage</li> </ul>	
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 Deputy Project Manager  
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 Purjoo, Lalaha

  
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 Deputy Director (General)  
 (P&D) Headquarters,  
 Department of Fisheries

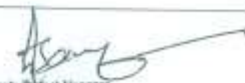
<p><b>Metering</b></p> <ul style="list-style-type: none"> <li>• Voltmeter</li> <li>• Frequency Meter</li> <li>• Ampere Meter</li> <li>• Hour meter</li> </ul> <p><b>Batteries</b></p> <ul style="list-style-type: none"> <li>• Heavy duty Lead Acid Batteries</li> <li>• Battery Rack and Cable</li> <li>• Auto battery charger</li> </ul> <p><b>Standard Accessories</b></p> <ul style="list-style-type: none"> <li>• Technical and Operational Manual (one set in original)</li> </ul> <p><b>ATS Pannel</b></p> <ul style="list-style-type: none"> <li>• ATS Pannel 3 pole for 1 WAPDA meter</li> <li>• Battery Charger</li> <li>• MOR (manual over writable)</li> <li>• Telemechanic Contractors</li> <li>• ABB</li> </ul> <p><b>Canopy</b></p> <ul style="list-style-type: none"> <li>• Sound level 85db or less from one-meter distance</li> </ul> <p><b>Power/ control Cable</b></p> <ul style="list-style-type: none"> <li>• 99.99% pure cable</li> </ul>		<p><b>Metering</b></p> <ul style="list-style-type: none"> <li>• Voltmeter</li> <li>• Frequency Meter</li> <li>• Ampere Meter</li> <li>• Hour meter</li> </ul> <p><b>Batteries</b></p> <ul style="list-style-type: none"> <li>• Heavy duty Lead Acid Batteries</li> <li>• Battery Rack and Cable</li> <li>• Auto battery charger</li> </ul> <p><b>Standard Accessories</b></p> <ul style="list-style-type: none"> <li>• Technical and Operational Manual (one set in original)</li> </ul> <p><b>ATS Pannel</b></p> <ul style="list-style-type: none"> <li>• ATS Pannel 3 pole for 1 WAPDA meter</li> <li>• Battery Charger</li> <li>• MOR (manual over writable)</li> <li>• Telemechanic Contractors</li> <li>• ABB</li> </ul> <p><b>Canopy</b></p> <ul style="list-style-type: none"> <li>• Sound level 85db or less from one-meter distance</li> </ul> <p><b>Power/ control Cable</b></p> <ul style="list-style-type: none"> <li>• 99.99% pure cable</li> </ul>	
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*[Handwritten Signature]*  
 Project Manager  
 Delivery of Better Extension Services  
 Department of Fisheries  
 Punjab, Lahore.


*[Handwritten Signature]*  
 Project Manager  
 Delivery of Better Extension Services  
 Department of Fisheries  
 Punjab, Lahore.

*[Handwritten Signature]*  
 Deputy Director Fisheries  
 IPBD Headquarter,  
 Department of Fisheries  
 PUNJAB.

	<p><b>Warranty</b> At least 1 year or 2000 hours after installation (service plus parts) <b>Note: The nearest specification would be acceptable</b></p>		<p><b>Warranty</b> At least 1 year or 2000 hours after installation (service plus parts)</p>	
2-	<p><b>Origin</b></p> <ul style="list-style-type: none"> <li>USA, Canada, Japan, UK and west Europe</li> <li>Capacity Prime Rating 60 KVA to 80 KVA <ul style="list-style-type: none"> <li>Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting/ isolators.</li> <li>Diesel fuel tank for minimum 8 hours of continuous run</li> </ul> </li> </ul> <p><b>Engine</b></p> <ul style="list-style-type: none"> <li>Prime power rating 60 KVA to 80 KVA</li> </ul> <p>Direct coupled with Alternator</p> <p><b>Alternator</b></p> <ul style="list-style-type: none"> <li>Brushless</li> <li>Self-excited</li> <li>Automatic voltage frequency</li> <li>Automatic frequency regulated</li> <li>400/220 Volt, 3-Phase, 4</li> </ul>	<p>Shirazi Trading Co (Pvt) Ltd. 3- bank Square, Lahore.</p>	<p><b>Origin</b></p> <ul style="list-style-type: none"> <li><u>Model APD 66CUSA</u></li> </ul> <p>Capacity Prime Rating 66 KVA</p> <ul style="list-style-type: none"> <li>Heavy Duty Fabricated steel skid type based frame with anti-vibration mounting/ isolators.</li> <li>Diesel fuel tank for minimum 8 hours of continuous run</li> </ul> <p><b>Engine 4BTA 3.9 Gz</b></p> <ul style="list-style-type: none"> <li>Prime power rating 60 KVA</li> </ul> <p>Direct coupled with Alternator</p> <p><b>Alternator</b></p> <ul style="list-style-type: none"> <li>Brushless</li> <li>Self-excited</li> <li>Automatic voltage frequency</li> <li>Automatic frequency regulated</li> <li>400/230 Volt, 3-Phase, 4</li> </ul>	<p>This firm has quoted the specifications of Diesel Generator (80 KVA) which match the specifications of tender. Thus, this firm is RECOMMENDED for the purchase of Diesel Generator (Subject to provision of origin USA).</p>

  
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Deputy Director Fisheries,  
(P&D) Headquarters,  
Department of Fisheries,  
Punjab.




<p>wire, 50Hz (Nominal frequency)</p> <ul style="list-style-type: none"> <li>• F/H type insulated</li> </ul> <p><b>Speed</b></p> <ul style="list-style-type: none"> <li>• 1500RPM (minimum)</li> </ul> <p><b>Exhaust System</b></p> <ul style="list-style-type: none"> <li>• Heavy Duty Residential Grade Silencer with flexible exhaust.</li> </ul> <p><b>Governor Protection</b></p> <ul style="list-style-type: none"> <li>• Electric / Mechanical</li> <li>• Overload Shutdown</li> <li>• Short circuit shut down</li> <li>• Low oil pressure shutdown</li> <li>• High water temperature shutdown</li> <li>• Under-speed shutdown</li> <li>• Over-Winding temperature shutdown</li> <li>• Over-Voltage monitor and tripping</li> <li>• Low-voltage monitor and tripping</li> </ul> <p><b>Monitoring/Control Pannel</b></p> <ul style="list-style-type: none"> <li>• Automatic Alarm Monitor</li> <li>• Under/Over voltage</li> </ul> <p><b>Metering</b></p> <ul style="list-style-type: none"> <li>• Voltmeter</li> <li>• Frequency Meter</li> </ul>		<p>wire, 50Hz (Nominal frequency)</p> <ul style="list-style-type: none"> <li>• F/H type insulated</li> </ul> <p><b>Speed</b></p> <ul style="list-style-type: none"> <li>• 1500RPM</li> </ul> <p><b>Exhaust System</b></p> <ul style="list-style-type: none"> <li>• Heavy Duty Residential Grade Silencer with flexible exhaust.</li> </ul> <p><b>Governor Protection</b></p> <ul style="list-style-type: none"> <li>• Electric / Mechanical</li> <li>• Overload Shutdown</li> <li>• Short circuit shut down</li> <li>• Low oil pressure shutdown</li> <li>• High water temperature shutdown</li> <li>• Under-speed shutdown</li> <li>• Over-Winding temperature shutdown</li> <li>• Over-Voltage monitor and tripping</li> <li>• Low-voltage monitor and tripping</li> </ul> <p><b>Monitoring/Control Pannel</b></p> <ul style="list-style-type: none"> <li>• Automatic Alarm Monitor</li> <li>• Under/Over voltage</li> </ul> <p><b>Metering</b></p> <ul style="list-style-type: none"> <li>• Voltmeter</li> <li>• Frequency Meter</li> </ul>	<p style="text-align: right;"><i>ATW</i></p>
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 Department of Fisheries  
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<ul style="list-style-type: none"> <li>• Ampere Meter</li> <li>• Hour meter</li> </ul> <p><b>Batteries</b></p> <ul style="list-style-type: none"> <li>• Heavy duty Lead Acid Batteries</li> <li>• Battery Rack and Cable</li> <li>• Auto battery charger</li> </ul> <p><b>Standard Accessories</b></p> <ul style="list-style-type: none"> <li>• Technical and Operational Manual (one set in original)</li> </ul> <p><b>ATS Pannel</b></p> <ul style="list-style-type: none"> <li>• ATS Pannel 3 pole for 1 WAPDA meter</li> <li>• Battery Charger</li> <li>• MOR (manual over writable)</li> <li>• Telemechanic Contractors</li> <li>• ABB</li> </ul> <p><b>Canopy</b></p> <ul style="list-style-type: none"> <li>• Sound level 85db or less from one-meter distance</li> </ul> <p><b>Power/ control Cable</b></p> <ul style="list-style-type: none"> <li>• 99.99% pure cable</li> </ul> <p><b>Warranty</b> At least 1 year or 2000 hours after installation (service plus parts)</p> <p><b>Note: The nearest specification would be acceptable</b></p>		<ul style="list-style-type: none"> <li>• Ampere Meter</li> <li>• Hour meter</li> </ul> <p><b>Batteries</b></p> <ul style="list-style-type: none"> <li>• Heavy duty Lead Acid Batteries</li> <li>• Battery Rack and Cable</li> <li>• Auto battery charger</li> </ul> <p><b>Standard Accessories</b></p> <ul style="list-style-type: none"> <li>• Technical and Operational Manual (one set in original)</li> </ul> <p><b>ATS Pannel</b></p> <ul style="list-style-type: none"> <li>• ATS Pannel 3 pole for 1 WAPDA meter</li> <li>• Battery Charger</li> <li>• MOR (manual over writable)</li> <li>• Telemechanic Contractors</li> <li>• ABB</li> </ul> <p><b>Canopy</b></p> <ul style="list-style-type: none"> <li>• Sound level 85db or less from one-meter distance</li> </ul> <p><b>Power/ control Cable</b></p> <ul style="list-style-type: none"> <li>• 99.99% pure cable</li> </ul> <p><b>Warranty</b> At least 1 year or 2000 hours after installation (service plus parts)</p>	
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Government of Punjab, Lahore

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Department of Fisheries  
Punjab, Lahore