

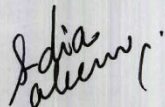
**DESCRIPTION/SPECIFICATIONS OF ITEM(S) UNDER**

**LOT - E**

### 1. DIESEL GENERATOR SET 45 KVA

Diesel Generator Set 45 KVA having / support following characteristics/specifications is required on turnkey basis:-

<b>ENGINE</b>			
<b>Brand</b>	PERKINS (UK) or equivalent		
<b>Output-Prime</b>	45-KVA/36-KW		
<b>Output-Standby</b>	50-KVA/40-KW		
<b>Basic Features</b>	3 cylinders vertical in-line, 4-Stroke, water cooled, direct coupled with standard accessories and base frame having built-in fuel tank, complete exhaust system and with safety devices like speed control, oil pressure and more safety devices.		
<b>ALTERNATOR</b>			
<b>Alternator Make</b>	Leroy Somer-France or equivalent	Stamford-UK or equivalent	Meccalte-UK or equivalent
<b>Alternator Model</b>	TBA latest	TBA latest	TBA latest
<b>Configuration</b>	415/220 V, Three Phase, 4 Wire, 50Hz, Power Factor 0.8 at 1500RPM		
<b>CONTROL PANEL</b>			
<b>Auto Control Panel</b>	Deep sea Module, Model DSE-4520, or equivalent, Ampere, Volt and frequency meter having features of Volt, Ampere indications for L1, L2 and L3, Temperature Gauge, Battery Charging Ampere, Oil Pressure, Separate Circuit Breaker for safety and more safety features.		
<b>OTHER SPECIFICATIONS</b>			
<ul style="list-style-type: none"><li>➤ Canopy: Sound and weather proof canopy</li><li>➤ Foundation Pad for 45 KVA Diesel Generator Set</li><li>➤ Installation and Electrification of Generator</li><li>➤ Rubber Pads underneath to control vibration of Generator</li><li>➤ Mobil oil for Generator 45 KVA should be included</li><li>➤ Suitable battery for 45 KVA Generator</li><li>➤ Power Cable 35 MM, 4 Core as per actual requirement</li><li>➤ Output load of generator should not be less than specified limit</li><li>➤ Other necessary installation material</li></ul>			
<b>WARRANTY</b>			
<ul style="list-style-type: none"><li>➤ Minimum one year onsite. However, maximum warranty will be preferred.</li></ul>			

  
Controller Military Accounts (P)  
Lahore Cantt.