

## PUMP SELECTION QUESTIONNAIRE

Particulars	Pump 1	Pump 2
Application: Transfer/ Process/ Circulation/ Loading/Unloading/Feeding/other		
Pumping Duty: Continuous/ Intermittent/ Rare		
Liquid /Media		
Flammable /Non-Flammable		
Specific Gravity		
pH of media / liquid		
Abrasive / Non abrasive		
Viscosity		
Solid Particle in Media (in %)		
Solid Particle Size		
Type of Solid Particle Bio /plastic/ iron/clay /bones /others		
Whether the Physical properties of solid content required to be remained unchanged?		
Operating Temperature °C		
Suction – Positive /Flooded/Negative		
Suction Head - Negative suction (if any) in Meters		
Discharge Head in Meters		
No of Bends		
Total Differential Head in Meters		
Pressure required at Discharge Point		
Flow (Capacity) in LPH/LPM/LPS/ M <sup>3</sup> perHr / TPH		
Installation: Mobile /Stationery		
<b>Compress Air AODD or Pneumatic Operated Pumps</b>		
Availability of Compressed Air kg/cm <sup>2</sup> (In case Pneumatic or AODD Pump)		
<b>Specific Requirement</b>		
MOC		
Pump Body		
Casing		
Sleeve		
Impeller /Rotor/Gear		
Shaft		
Base Frame/ Trolley, Coupling, Coupling Guard		
<b>Sealing</b>		
Sealing Gland packing or Mechanical Seal		
Seal less Gland less vertical PP /PVDF Pump		
Seal less Gland less Magnetic Drive Pump		
<b>Elastomers</b>		
Elastomers of lining / diaphragm (in case of PTFE/PVDF lined Pump, AODD Pump)		
<b>Electricals</b>		
Motor – Flame Proof / non-Flame Proof		
Make: CGL/ BBL/ Siemens /ABB/Hindustan /Kirloskar/ Lubi		
Variable Frequency Drive with details		
Gear Box Requirement – Ratio		
Panel Requirement with details		
<b>Barrel Pump</b>		
Dia of Barrel outlet in mm		
Height of barrel in mm		