

Sr.No.	Data	Unit	Description
A	PUMP		
01	Fluid to be Handle		Feed Water
02	No. of Pumps per boiler		Two (One Working & one stand by)
03	Type of Pump		Horizontal/Centrifugal
04	Type of Seal		Mechanical
05	Maximum Capacity	T/Hr	200
06	Minimum Capacity	T/Hr	To be specify vendor
07	Delivery Pressure Head	MWC	30
08	Feed Water Temperature	°C	100
09	NPSH required		Vendor to Confirm
10	Pump Speed	RPM	1400-2000
11	Pump Absorb Power	KW	To be specified by vender
12	Impairer Diameter		To be specified by vender
13	Model of Pump		To be specified by vender
14	Make of Pump		To be specified by vender
15	Efficiency of Pump (Minimum)	%	70%
16	Performance Curve		To Be provided
17	Construction Material		Vender to confirm stating the operating and design conditions.
B	PUMP DRIVE		ELECTRIC MOTOR
1	Quantity		TWO (2)
02	Motor power		To be specified by vender
03	Motor Type		Squirrel cage (TEFC)
04	Motor Service Factor		≥1.25
05	Insulation class		F
06	Protection Class		IP55
07	Effiency Class		IE2
08	Mounting		B3 9Foot Mounting)
09	Duty		Continuous (s1) Energy Efficient Type
10	Noise Level 1M form Pump	DBA	<85 at one meter
11	Terminal Box		Rotatable 4X90°

Pump is to be provided complete with suitable electric motor, coupling guard and common base frame etc.

General Working/Site Conditions

Available Power Supply 415 Volts X 3 Phase x 50Hz

Installation Outdoor

Ambient Temperature 45°C

Note:

1. Two years spare parts to be quoted separately.
2. Offer should include essential spares for commission and trial period.
3. Special tool if any required for erection and commissioning may be included in the offer.
4. The supplier may include the first oil lubricant, if required.
5. Relevant catalogue, brochures, and drawing must be required.