

Annexure-A

Vertical Centrifugal Sump pump with motor & accessories - 1 sets.

Duty	:	To pump lime slurry.
Capacity	:	30 m ³ /hr.
Total Discharge Head (TDH)	:	20m.
Impeller	:	Semi open type

MOC

Impeller& Wetted part	:	27% Chrome alloy
Base	:	Fabricated only.
Motor	:	Bharat Bijlee/ Crompton/ Siemens/ABB
Power rating	:	440V (+/- 5%), 3 Ph, 50 Hz, A.C. Supply.

Slurry characteristics

Pulp density	:	10-20 %(Solid W/W)
Specific gravity of solid	:	3.3
Size of particle	:	2 mm (top size)
Nature of particle	:	Highly abrasive
P ^H of slurry	:	7.5-12.4
Pedestal length	:	1.2m
Sump pit Dimension	:	(1*1*1.2)m
Strainer	:	MS

- Pump with motor mounted on the fabricated M.S. frame with belt guard.
- V- Groove pulley for pump & motor – 1 set each.
- V- Belt -1 set.
- Spares: 2 set spares of each for casing, impeller and back plate.

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