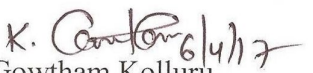


**Annexure-**  
**Technical specifications of the pump**

Date: 06.04.2017

Description	Centrifugal pump
Quantity	02 Nos
Liquid	Water
Manufaturer	SPX Flow Technology (India) Pvt Ltd- JOHNSON PUMP Brand
Type	Horizontal centrifugal back pull out
Model No	CCR 125-400 R1M2L3
Capacity(Cu.m/hr)	226
Total differential head (m)	52
Operating temperature(Deg. C)	40
Duty	Continuous
NPSH, Avaiable(m)	Flooded
NPSH, required(m)	2.7
Impeller dia(mm)	404
No. of stages	Single
Speed (RPM)	1480
Recommended motor KW	55 KW
Recommended motor KW	More than 1.2 times of shaft speed
Casing type	Volute (Radial)
Impeller type	Closed
Mechanical seal	Eagleburghmann make
Bearing make	SKF
End suction (mm)	150
Top Discharge(mm)	125
MOC, Casing	Cast steel (WCB)
MOC,Impeller	Cast steel (WCB)
MOC, Wear ring	Cast steel (WCB)
MOC, Shaft	SS 431
MOC, Shaft sleeve	SS 431
MOC, Mechanical seal	Carbon/Silicon + SS316 + Viton
Motor Type /Frame Size	TEFC, SQ.Cable, IP-65, 50 HZ/ 250M
Holding down bolts	Std.
Coupling guard	Std.
Paiting	Std.
Coupling type	Love joy/ RRS/Tyre
Bearing type	Deep groove ball beraings
Bearing number	6310
Suction & Discharge flange	ANSI B 16.5 CL # 150, FF

K.   
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