

NATIONAL INSTITUTE OF TECHNOLOGY,  
TIRUCHIRAPPALLI - 620 015

Tender Notification No.7/2007

Department of Civil Engineering

**Item No. 08 Kaplan Turbine**

<b>Equipment</b>	<b>Specification</b>	<b>Quantity</b>
Kaplan Turbine	Open circuit 3.7kW (5HP) output and 11kW(15HP) supply pump with net head around 7m, discharge of 5000lpm and speed around 1500rpm. Draft tube along with pressure and vacuum gauge with rope break arrangement. Pump is driven by 1440 rpm, 11kW (15 HP) 3 phase AC motor, star delta starter, switch, sluice valve and a gate valve with 250mm pipe. Flow measuring instrument such as Orifice meter/ Venturimeter with suitable pressure taps on the pipe line and the pressure measuring instrument.	1