

## Shivaji University, Kolhapur

# Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/139	Solar Thermal Energy Storage System	Heat Exchanger Unit : Parallel & Counter flow	i) Inner Tube : Total length : .650 Mtr., Effective Length : 6.0 Mtr, Inside Dia : 25.4 mm., M.O.C. : Copper. ii) Outer Tube : Length 0.6 Mtr., Size : 50 mm dia., M.O.C. : S.S. Hot Water Tank : 1.0 × 0.4 × 0.35 m3 S.S. 304 tank Heating Arrangement : 1000 Watts Electric Heater with input power control arrangement. Flow Rotameter : Eutech/Equivalent make Glass Tube Rotameter 0.1 to 1.0 LPM Temperature Sensor: Simplicon/Equivalent make Temperature sensors Pump : Hot Water: Suitable Capacity Control Panel Unit : 1) ON- Off Cam Switch. 2) 0-230 V., 6 Amp. Single phase Auto transformer. Temperature Data logger. Whole unit should be fitted on strong and sturdy supporting stand.	1	Shopping