

## Shivaji University, Kolhapur

# Department of Technology

Package Code	Package Name	Items	Description of Works/Goods	Qty	Method of Procurement
TEQIP-II/MH/MH1G05/137	Wind machine 3	Alternator with rectifier	Alternator with rectifier assembly of capacity 1kW rated output with 8/16 poles, 400 RPM at rated output	1	Shopping
		Wind mill Assembly	1) EN-8 Shaft of Dia. 40 mm- 1 ft. 2) Aluminium plate of Dia. 200mm and 20 mm thickness 3) Flexible bush coupling to couple shaft and alternator Dia. 80mm 4) Tail vane assembly of acrylic sheet of length 1 and tail area 1 sq. ft. 5) M.S. Pipe of 6" dia. 15 ft with plate welded at bottom of size 2ft x 2 ft x 6 mm thick for installation wind turbine	1	
		Charge controller and rectifier	Charge controller of maximum current capacity 25 amp with digital display meter showing current	1	
		Battery	Battery capacity of 180 Ah, Tall tubular with ISI/ISO certification/ MNRE approved	1	