

WORK PLAN/TECHNICAL ASSISTANT HeroX 4

Project shall be executed 111 phases.

1: Limited tender shall be issued to reputed US photovoltaics equipment manufacturers in consultation with concerned US federal Govt departments. The companies shall submit quotations for supply of hardware and installation of Brayton cycle supercritical CO₂ operated 20 KW Gas Turbine local utility connected Electricity generating power plant. The work shall be executed on turnkey basis with in six months after grant of work. The local utility company shall pay for monthly electricity units supplied to its Grid as per routine rates being given to locality residents with grid connected PV system. The payments shall be credited to Government.

11: Basic research of material and equipment as given in the technical document shall be monitored.

111: The LCOE of Electricity generation shall be determined to monitor feasibility of the project.

PERFORMANCE TESTING. Final Performance report of the project shall be formulated and submitted along with complete field data to concerned US department.