



Annex C_Scope of Works

Name of Project: Solar Powered Irrigation System for Improved Mulberry Biomass Production

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
SPL-1	SOLAR POWERED WATER PUMPING SYSTEM	1.00	lumpsum	Construction and well drilling of Solar Powered Water Pumping System -specs are as follows Water Pumping System Submersible Pump, 1.5HP with complete control panel and accessories HDPE Pipe, 32mm, SDR 11, 100m Compression Elbow, 32mm, 90deg Compression Coupling, 32mm Compression Tee, 32mm PVC Gate Valve, 32mm Solvent Solar Panels and Electrical Accessories Solar Panel, 375 watts, mono crystalline Solar Pump Controller, 5kVA Surge Protection Device DC Circuit Breaker, 30AT Submersible 3 Wire Cord 2.5mm 3.5mm sq THHN wire MC4 connector Electrical Tape 3/4 x 16M Black Color Heavy Duty Railings & Frames Aluminum Railings Aluminum Clamp Angle Bar, 50mmx50mmx5mm thick Cement Drilling Items 100mmØ, G.I. Pipe, Schedule 80 (well casing) 50mmØ, G.I. Pipe, Schedule 40 Gasoline Diamond Drill Bit