

Stage 1 - Link ORARC repeaters

	Qty	Unit	Cost	Total Cost	Comments
Link Boona Mt to Sappa Bulga					
UHF Radios TX/RX (Philips 815)	2	ea	-	-	Already acquired
Rack for radio equipment	1	ea	-	-	Already acquired
RF interconnecting cables	4	ea	-	-	Already acquired
Crystals for radios	4	ea	\$ 20	\$ 80	Need to order
LDF4-50 heliax	30	m	\$ 5	\$ 150	Already acquired
Connectors for heliax	2	ea	\$ 30	\$ 60	Already acquired
Earthing kits for heliax	1	ea	\$ 20	\$ 20	Already acquired
Bandpass cavity for UHF RX	1	ea	\$ 150	\$ 150	Need to order
Repeater controller for Boona Mt	1	ea	\$ 80	\$ 80	Need to order parts and make
UHF yagis (includes spare unit)	3	ea	\$ 120	\$ 360	Need to order
Antenna clamps	2	ea	\$ 30	\$ 60	Need to order
Consumables (self amalgamating tape, cable ties bandit straps etc)	1	ea	\$ 50	\$ 50	Need to order
Battery upgarde at Boona Mt	1	ea	-	-	Already acquired
Solar upgrade at Boona Mt	1	ea	-	-	Already acquired
Link Sappa Bulga to Needle Mt					
UHF Radios TX/RX (Philips 815)	2	ea	-	-	Already acquired
Rack for radio equipment	1	ea	-	-	Already acquired
RF interconnecting cables	4	ea	-	-	Already acquired
Crystals for radios	4	ea	-	-	Already acquired
LDF4-50 heliax	30	m	-	-	Already acquired
Connectors for heliax	2	ea	-	-	Already acquired
Earthing kits for heliax	1	ea	-	-	Already acquired
Bandpass cavity for UHF RX	1	ea	-	-	Already acquired
UHF yagis	2	ea	-	-	Already acquired
Antenna clamps	2	ea	-	-	Already acquired
Consumables (self amalgamating tape, cable ties bandit straps etc)	1	ea	\$ 50	\$ 50	Need to order
LIU3 unit for linking (to be located at Sappa Bulga)	1	ea	-	-	Already acquired
Parts for modification of LIU3 unit	1	ea	\$ 100	\$ 100	Need to order
STAGE 1 TOTAL				\$ 1,160	
Stage 2 - Link to Tamworth (MT Crawney)		Not costed			
Stage 3 - Link to Orange (Mt Canobolas)		Not costed			

8. Project timing

The project timing is presented for stage 1 only. Stages 2 and 3 will be dealt with once agreement has been reached with the other Clubs involved and are not part of this proposal.