

OREGON NEXT GENERATION AMATEUR RADIO PROGRAM - DRAFT - MAY 2019

Program Element	Program	Unit Cost/ 2 Yr	No. Units / Counties								Total	Notes
1.1	Statewide	\$1,000	0								\$1,000	Publications
1.2	County Programs	\$2,000	25								\$50,000	Meeting travel reimbursements 2 persons/county, 1 meeting/yr
1.3	County Programs	\$300	25								\$7,500	Branded Apparel
1.4	Training Programs	\$20,000	0								\$20,000	Statewide training programs and conferences
Equipment Costs per County & OEM												
2.0	County	HF IC7300 PS,Tuner	SCS Dragon DR-7400	VHF RMS Gateway	Computer Upgrades	Band Pass Filters	HF Antennas	Misc cables, coax.	Other	Total	Notes	
2.1	Benton County	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Clackamas	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Clatsop	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Columbia	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Coos	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Curry	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Deschutes	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Douglas - Roseburg	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Douglas - Reedsport	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Harney	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Hood River	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Jackson	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Josephine	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Klamath	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Lane	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Lincoln	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Linn	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Marion	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Morrow	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Multnomah	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Polk	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Umatilla	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Washington	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	

		Equipment Costs per County & OEM										
2.0	County	HF IC7300 PS,Tuner	SCS Dragon DR-7400	VHF RMS Gateway	Computer Upgrades	Band Pass Filters	HF Antennas	Misc cables, coax.	Other	Total	Notes	
2.1	West Lane	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Yamhill County	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Radio, Modem, PC Upgrades	
2.1	Spare Set 1	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Spare equipment	
2.1	Spare Set 2	\$1,360	\$1,629	\$620	\$700	\$410	\$200	\$200	\$200	\$5,319	Spare equipment	
2.2	"Tech Team" Travel	\$10,000								\$10,000	Oregon in-state per diem and mileage rates for equipment installations and maintenance	
3.1	HF Gateway 1	\$1,360	\$1,500	\$620	\$700	\$410	\$200	\$200	\$2,000	\$6,990	Harney County Hybrid Gateway. New	
3.1	HF Gateway 2	\$1,360	\$1,500	\$620	\$700	\$410	\$200	\$200	\$2,000	\$6,990	Deschutes County Hybrid Gateway. New.	
3.1	HF Gateway 3	\$1,360	\$1,500	\$620	\$700	\$410	\$200	\$200	\$2,000	\$6,990	K7ODN Relocation and upgrade. Morrow Gateway	
4.1	OEM W7OEM	\$1,360	\$1,629	\$0	\$700	\$410	\$50,000	\$2,000	\$5,000	\$61,099	Redesign/ move HF Antennas, install tower, yagi antenna, add noise suppression and bandpass filters, upgrade Winlink traffic electronic integration, RF noise supression	
4.2	OEM COOP Trailer	\$1,360	\$1,629	\$0	\$720	\$410	\$200	\$100	\$855	\$5,274	Upgrade PC OS on all PCs, add Pactor 4 and headphones	
	Total Elements 1-4									\$319,456	The \$250,000 grant in 2009, with inflation, would total about \$290,000 today. Elements 1 -4 are therefore a 4% increase from the 2008 grant.	
5.0	Go-Kits, Power Systems	\$27,000								\$27,000	Five at \$4,800 ea. 2KW Generator. 2, 100 aHr batteries, 200 W solar panel, trailer, power controller/conditioner and laptop PC.Needs to be built, assembled, tested and maintained. 12 VDC power for radios and PCs.	
6.0	MESH Network Development	\$10,000								\$10,000	Funding to aide in the development a high speed digital network in the Portland Metro area. Other private groups are starting to invest in MESH. There are other states that are more advanced with major funding behind the MESH networks	
7.0	AuxComm Forum	\$40,000								\$40,000	Seed funding to establish a forum to bring together all of the diverse entitites that use Amateur Radio for auxiliary communications.	
8.0	Program Administration	\$440,400								\$440,400	Funds 2 yr, limited duration Program Analyst 2 position at OEM to administer the program and to establish /facilitate the forum. Costs from OEM include salary, benefits, supplies and services.	
	Total, Elements 5 -8									\$517,400		
	Total, Elements 1 - 8									\$836,856		