

**Office of the Chief Technology Officer
Statement of Work
(Wireless Links and Wi-Fi Access Equipment)**

C.1 SCOPE/ASSUMPTIONS:

The District of Columbia Government Office of the Chief Technology Officer requests quotations for wireless bridging equipment and Wi-Fi access point hardware to provide high-capacity wireless point-to-point links for fifty (50) locations. These links will be used to wirelessly extend data/internet services to facilities where fiber extensions are not available, such as some recreational facilities. This project will also provide wi-fi coverage at these facilities.

An OCTO Project Manger will be facilitating the project to ensure that deliverables are completed as scheduled.

C.1.1 Applicable Documents

The following is the list of hardware components that are needed to configure and implement fifty (50) wireless links as described above:

DCPR Wireless DCNet Extensions for Recreation Centers				
Item	Qty	Model#	Description	U
1	70	WA-AU-58-230V-FU-B	WipAir 5.8GHz synchronized Access Unit. Includes: Outdoor Radio Unit with integrated 23 dBiantenna (10 deg), power supply, Mounting Hardware, Outlet and screws.	
2	70	WA-SU-58-230V-FU	WipAir 5.8GHz Subscriber Unit. Includes: Outdoor Radio Unit with integrated 23 dBi antenna (10 deg),power supply, Mounting Hardware, Outlet and screws.	
3	15	AU-O9QO-100V-FU-B	GigAccess OFDM 900MHz 5MHz channel synchronized Access Unit. Includes: Outdoor Radio Unit with integrated 10 dBi antenna (60 deg), power supply, Mounting Hardware, Outlet and screws.	
4	15	HSU-O9QO-100V-FU	GigAccess OFDM 900MHz 5MHz channel High end Subscriber Unit. Includes: Outdoor Radio Unit with integrated 10 dBi antenna (60o), power supply, Mounting Hardware, Outlet and screws.	
5	170	<i>ComSite Hardware</i>	Qwik Mount II Non-Penetrating Roof Mounts	
6	100	<i>CAT-5 12' Jumpers</i>	CAT-5 12' Jumpers	
7	40	Univmount-I	UnivMount I Universal Dish Roof / Wall Mount	
8	80	65TMK1 JVI	65TMK1 JVI	
9	50	AIR-LAP1242AG-A-K9	Cisco 802.11ag LWAPP AP Dual 2.4,5GHz RP-TNC FCC Cnfg	
10	100	AIR-ANT5135D-R	Cisco 5GHz 3.5dBi Black Dipole Antenna w/RP-TNC connector	
11	100	AIR-ANT4941	Cisco 2.4 GHz,2.2 dBi Dipole Antenna w/ RP-TNC Connect	
12	15	BEFSR81	Linksys 8-Port 10/100Base-Router	
13	15	EZXS88W	Linksys 8-Port 10/100-Switch	
14	4	MR3201-CASE	open-mesh 20-packs Mesh Aps	
15	80	HG2407RD-RSP	7 dBi 2.4 GHz swivel antenna [RP-SMA]	
16	40	PLE200	Linksys 200Mbps Powerline Ethernet Adapters	
17	12	CISCO2811	Cisco 2811 w/ AC PWR,2FE,4HWICs,2PVDMS,1NME,2AIMS,IP BASE,64F/25	
18	12	NM-16ESW	Cisco 1-16 port 10/100 EtherSwitch NM	

C.2 REQUIREMENTS

C.2.1 The Office of the Chief Technology Officer will not accept any re-furbished hardware for original hardware purchases. No substitution of hardware manufacturer, model, or type will be accepted.

C.2.2 All shipments for this order should be specially labeled “**WIRELESS LINKS**”.