

RESOLUTION NO. 15-_____

WHEREAS, the Huntsville Electric Utility Board has approved Work Order BWO 374-2016, which allows for the purchase of communication equipment and labor as outlined in the Fiscal Year 2016 Budget, at an estimated cost of \$530,040.00; and

WHEREAS, the expenditure of such amount being in excess of the sum of \$25,000.00 requires the consent and approval of the City Council of the City of Huntsville, Alabama.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, for the purchase of communication equipment and labor as outlined in the Fiscal Year 2016 Budget, at an estimated cost of \$530,040.00, be, and the same is hereby approved, and the written consent and approval of the City Council of the City of Huntsville, Alabama, is hereby given to the Huntsville Electric Utility Board for the expenditure of sufficient funds from the proper fund belonging to the Huntsville Electric Utility Board.

ADOPTED this the _____ day of _____, 2015.

President of the City Council of
The City of Huntsville, Alabama

APPROVED this the _____ day of _____, 2015.

Mayor of the City of Huntsville,
Alabama

**HUNTSVILLE ELECTRIC SYSTEM
Work Order (Budget)**

Work Order #: 374-2016

Budget Code: 74

Budget Year: 2016

Description: Purchase communication equipment and labor as outlined in the FY2016 budget for the Electric and Joint Departments for fiscal year 2016. These items include substation security, building security, radios, etc. These are 2015-2016 budgeted items, budget code 74.

Budgeted Total: \$530,040.00

Prepared by: Beth Newmy **Date:** 9/17/2015
Engineering Analyst

Approved by: Stacy Cantrell **Date:** 09/18/2015
Vice President of Engineering

Authorized by: Jimmy Orr **Date:** 9/18/15
Vice President of Operations

Authorized by: [Signature] **Date:** 9/23/15
President/CEO

Approved by: Approved 9-23-15 **Date:** _____
Electric Board

Approved by: _____ **Date:** _____
City Council

Electric/Joint Capital Budget
Fiscal Year 2016



HUNTSVILLE UTILITIES
ELECTRICITY • NATURAL GAS • WATER

COMMUNICATION EQUIPMENT (74)

PC		Project Name/Description	Materials	Contract Labor	HU Labor	Total	
1	74	531405-74	Truck Radio	\$ 5,000	\$ -	\$ -	\$ 5,000
2	74	531520-74	Miscellaneous Equipment	\$ 5,000	\$ -	\$ -	\$ 5,000
3	74	531550-74	Radios for trouble trucks	\$ 7,200	\$ -	\$ -	\$ 7,200
4	74	536100-74	Security cameras & infrared cameras for Steger Substation	\$ 18,340	\$ 2,500	\$ 3,400	\$ 24,240
5	74	605000-74	Purchase networking equipment, to include firewalls, switches and routers at Substations and other locations for Fiber Optic networks and communication systems (SCADA, SmartGrid, AMI, Cyber Security)	\$ 100,000	\$ -	\$ -	\$ 100,000
6	74	605000-74	Purchase Session Border Controllers and other associated PBX equipment and software (including System/Session Manager) for upgrading capabilities for SIP interaction and planned carrier telephony transitions to toally IP based delivery of phone services	\$ 200,000	\$ -	\$ -	\$ 200,000
7	74	606000-74	Upgrade three SCADA repeaters.	\$ 27,800	\$ -	\$ -	\$ 27,800
8	74	606000-74	RTU Modernization Program - I/O boards Upgrade.	\$ 21,600	\$ -	\$ -	\$ 21,600
9	74	606000-74	Redundant fiber/radio at main TVA Delivery stations.	\$ 19,700	\$ -	\$ -	\$ 19,700
10	74	606000-74	Backhaul 4.9GHz IP/radios and antennas (CARRY-OVER).	\$ 12,400	\$ 11,400	\$ -	\$ 23,800
11	74	606000-74	Replace old radio tower at Ledges.	\$ 29,400	\$ 9,300	\$ -	\$ 38,700
12	74	606000-74	Antenna systems on E911 towers (CARRY-OVER).	\$ 27,000	\$ 30,000	\$ -	\$ 57,000
COMMUNICATION EQUIPMENT (74) TOTAL			\$ 473,440	\$ 53,200	\$ 3,400	\$ 530,040	