Account	Cost Center				
Misc. Contract Services	**Information Systems**				
001-05-2000.49650		**2020**	**2021**	**2022**	**2022**
Vendor	**Purpose**	**Request**	**Request**	**Request**	**Description of Activities**
Various	GIS				
Consolidated Computing	Outsourced work:	$ 50,000	$ 29,000	$ 10,300	On-going system & security management
	Sr Network Engineer				Upgrade and maintenance of network security, server & SAN software
	(host servers, vmWare,				Assist with networking issues as required
	& network storage				
Systems Integration	Outsourced work:	$ 105,000	$ 82,800	$ 112,000	On-going system & security management
	Sr Network Engineer, acting				Manage firewalls, security policies, network gateways, Datto backup systems, WiFi controllers, etc.
	as system administrator				Manage Exchange server, email archive, and spam filter
	(network switches, servers,				Apply updates to server operating systems and database systems
	firewalls and systems				VMware and storage array allocations
	software)				Work with outside vendors (NexGen, Vision, QDS, Cott, etc.)
					Provide guidance and training to Information Systems staff
					For more detail, see attachment
			$ 27,200	$ 27,200	Special Projects
			$ 7,680	$ 7,680	Disaster Recover & Business Continuity
			$ 3,840	$ 3,840	Exchange – store & update user contact information
			$ 4,800	$ 4,800	Expand backup of desktop systems
			$ 4,800	$ 4,800	System migrations, as required by vendors & departments
			$ 6,080	$ 6,080	Projects requested by departments
Other Consultants	for unique projects	$ 5,000	$ 6,000	$ 3,500	GIS data transformation and loading
Wiring Contractor	as required	$ 8,000	$ 5,000	$ 12,000	Network & electrical
Total		**$ 168,000**	**$ 150,000**	**$ 165,000**	