



City of Columbus Remote Access Technology

Prepared For : City of Columbus
 Customer # :
 Attention : Brett Slater
 Project : CARES ACT
 Date : 7/9/2020

Nick Geiser
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Qty.	Part #	Description	Unit Price	Extended Price	Notes
CDW Services - City Teleworker					
1	CDWSERVICES - T&M	CITY Teleworker Implementation - Setup of 3000 Teleworker Clients	\$ 159,598.80	\$159,598.80	Implement Cisco Collaboration Edge architecture for use by 3000 new City of Columbus teleworkers. In addition to existing Cisco solution components, this includes Cisco Expressway, Cisco Jabber, Cisco Webex Teams components. End user training is based on a train the trainer model.
1	CDWSERVICES - T&M	OLD UC Migration and Upgrade	\$ 41,096.40	\$41,096.40	This includes the migration of the Cisco Unified Communications applications that comprise the OLD or telecom aggregation CUCM cluster to new hardware and includes upgrading applications components to Cisco/CDW recommended version.
1	CDWSERVICES - T&M	SME UC Migration and Upgrade	\$ 41,323.20	\$41,323.20	This includes the migration of the Cisco Unified Communications applications that comprise the Session Manager Edition CUCM cluster to new hardware and includes upgrading applications components to Cisco/CDW recommended version.
1	CDWSERVICES - T&M	DPS UC Migration and Upgrade	\$ 87,226.80	\$87,226.80	This includes the migration of the Cisco Unified Communications applications that comprise the City of Columbus DPS cluster to new hardware and includes upgrading applications components to Cisco/CDW recommended version.
1	CDWSERVICES - T&M	DOT UC Migration and Upgrade	\$ 92,847.60	\$92,847.60	This includes the migration of the Cisco Unified Communications applications that comprise the City of Columbus DOT cluster to new hardware and includes upgrading applications components to Cisco/CDW recommended version.
1	CDWSERVICES - T&M	Centralized SIP	\$ 59,947.20	\$59,947.20	Implement Cisco CUBE infrastructure which will provide a centralized SIP based PSTN platform for use in the City Cisco UC environment.
1	CDWSERVICES - T&M	City Teleworker End User Training - 1.5HR Sessions/15 People/3000 End Users	\$ 89,856.00	\$89,856.00	Cisco Collaboration Edge solution end user training is based on a classroom style model and covers all 3000 City of Columbus teleworkers.
GRAND TOTAL				\$571,896.00	

Prices are contingent on final pricing approval from Manufacturer
 The terms and conditions subject to <http://www.cdw.com/content/terms-conditions/default.aspx>



Customer: City of Columbus
Project: City Teleworker Implementation
Date: 07/09/2020
Prepared By: Nick Geiser

Why CDW Services

CDW is one of the Nation's leading Information Technology Companies.

CDW Solves Business Problems through:

- Cloud
- Datacenter
- Security
- Collaboration
- and Mobility Technologies

CDW Services Include:

- Assessments
- Health Checks
- Implementation Services
- Consulting Services
- Remote Managed Services
- Configuration Services
- Aggregation Services

All CDW Services Include:

- Internal Bid Assurance and Peer Review
- Project Management
- Customer Kickoff Meeting

Service Estimate

With more than 700 experienced Architects, Engineers and Project Managers CDW has the team in place to support your organization. This Services Estimate provides you with a quick description of our solution and the next steps to move your project forward. Please feel free to reach out to your CDW contact for more information.

Description of Your Solution (Executive Summary)

At CDW we know that a fast and accurate implementation of your technical solution is critical. Our engineers execute implementations like yours every day and we are aware of the common problem areas that could delay your implementation. This service estimate outlines the professional services costs associated with the following.

City Teleworker Implementation, as follows:

- 1) Implement Cisco Collaboration Edge architecture for use by 3000 City Teleworkers
- 2) Provisioning of Cisco Jabber and/or Webex Teams clients for 3000 City teleworkers
- 3) Testing, Cutover, and Support for 3000 City Teleworkers

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 627 hours of regular Engineering hours
- 156 hours of Project Management services

Estimated Total: \$159,598.80

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
		- Services - Refine the solution to your needs
Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
Step 3	Kickoff Project	- Align Resources and Team
		- Project Kickoff Meeting



Customer: City of Columbus
Project: OLD UC Migration and Upgrade
Date: 07/09/2020
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OLD UC Migration and Upgrade, as follows:

- 1) Migration of OLD/Telecom Cisco UC Cluster to new hardware
- 2) Upgrade OLD/Telecom Cisco UC Cluster to Cisco/CDW best practice version
- 3) Testing, Cutover, and Support for Cisco UC Cluster migration and upgrade

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 145 hours of regular Engineering hours
- 36 hours of Project Management services

Estimated Total: \$41,096.40

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
		- Services - Refine the solution to your needs
Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
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Customer: City of Columbus
Project: SME UC Migration and Upgrade
Date: 07/09/2020
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SME UC Migration and Upgrade, as follows:

- 1) Migration of Session Manager Edition (SME) Cisco UC Cluster to new hardware
- 2) Upgrade Session Manager Edition (SME) Cisco UC Cluster to Cisco/CDW best practice version
- 3) Testing, Cutover, and Support for Session Manager Edition (SME) Cisco UC Cluster migration and upgrade

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 152 hours of regular Engineering hours
- 37 hours of Project Management services

Estimated Total: \$41,323.20

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
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Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
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Customer: City of Columbus
Project: DPS UC Migration and Upgrade
Date: 07/09/2020
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DPS UC Migration and Upgrade, as follows:

- 1) Migration of DPS Cisco UC Cluster to new hardware
- 2) Upgrade DPS Cisco UC Cluster to Cisco/CDW best practice version
- 3) Testing, Cutover, and Support for DPS Cisco UC Cluster migration and upgrade

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 308 hours of regular Engineering hours
- 77 hours of Project Management services

Estimated Total: \$87,226.80

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
		- Services - Refine the solution to your needs
Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
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Customer: City of Columbus
Project: DOT UC Migration and Upgrade
Date: 07/09/2020
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DOT UC Migration and Upgrade, as follows:

- 1) Migration of DOT Cisco UC Cluster to new hardware
- 2) Upgrade DOT Cisco UC Cluster to Cisco/CDW best practice version
- 3) Testing, Cutover, and Support for DOT Cisco UC Cluster migration and upgrade

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 328 hours of regular Engineering hours
- 82 hours of Project Management services

Estimated Total: \$92,847.60

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
		- Services - Refine the solution to your needs
Step 2	Align Agreement	- Finalize SOW into executable document
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Customer: City of Columbus

Project: Centralized SIP

Date: 07/09/2020

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Centralized SIP, as follows:

- 1) Implementation of Cisco Gateways to support SIP based Centralized PSTN services
- 2) Cisco UC Cluster dial plan and call routing configuration changes required to support SIP based PSTN services
- 3) Testing, Cutover, and Support for SIP based PSTN service

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 211 hours of regular Engineering hours
- 53 hours of Project Management services

Estimated Total: \$59,947.20

Next Steps

Step 1	Finalize Solution	- Hardware - Finalize Bill of Materials
		- Services - Refine the solution to your needs
Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
Step 3	Kickoff Project	- Align Resources and Team
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Customer: City of Columbus
Project: City Teleworker End User Training
Date: 07/09/2020
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City Teleworker End User Training, as follows:

- 1) 90-minute instructor led end user focused training sessions covering Cisco Collaboration Edge based Teleworker Solution
- 2) Training to be performed in a classroom style format for up to 15 Teleworkers per session
- 3) Covers 3000 City Teleworkers
- 4) Custom training documentation provided in electronic/printable format(s)

Estimated Cost (Time & Materials)

The Estimated Cost is based on previously completed and similar implementations.

Your Services Solution includes:

- 365 hours of regular Engineering hours
- 91 hours of Project Management services

Estimated Total: \$89,856.00

Next Steps

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Step 2	Align Agreement	- Finalize SOW into executable document
		- Sign SOW
Step 3	Kickoff Project	- Align Resources and Team
		- Project Kickoff Meeting