OFFICE OF THE CITY ATTORNEY

CITY ATTORNEY GLENDA D. WEBB

CITY OF TUSCALOOSA

LEGAL AFFAIRS ADMINISTRATOR

SENIOR ASSOCIATE CITY ATTORNEYS
JAMES P. WOODSON III
THOMAS D. BOBITT II

ASSOCIATE CITY ATTORNEYS
CHRISTOPHER J. ENGLAND
GRANT H. WILSON
KRISTEN L. LOVE
OTO TUAMOKUMO
SCOTT B. HOLMES



2201 UNIVERSITY BLVD. (35401) POST OFFICE BOX 2089 TUSCALOOSA, ALABAMA 35403

TELEPHONE NO. (205) 248-5140 FAX NO. (205) 349-0328

August 15, 2016

Chris Crawford, P.E. Walker Associates 917 22nd Avenue Tuscaloosa, Alabama 35401

Sean King OnePath Systems 2053 Franklin Way Marietta, Georgia 30067

RE:

Contract for City Walk Forest Lake - Fiber/Cabling Infrastructure

Our File Number: A15-0551

Dear Gentlemen:

Enclosed please find a fully executed contract change order number 2 for your files. If you have any questions or comments, please feel free to contact Kristen Love or Wendy McBride.

Sincerely yours,

Melinda Hudgins
Melinda Hudgins
Office Administrator

MLH

Enclosure

Wendy McBride, Office of the City Engineer Savannah Howell, Office of Resilence Office of the City Attorney

Prepared By: MLH
Requested: Projects Committee
Presentation on: 08/09/16
Suspension of Rules: NO

RESOLUTION

RESOLUTION AUTHORIZING CHANGE ORDER NO. 2 FOR CITY WALK-FOREST LAKE SECTION-FIBER/CABLING INFRASTRUCTURE SYSTEM & TERMINATION HARDWARE (A15-0551)

WHEREAS, heretofore, as a result of competitive bidding or as otherwise authorized by the Alabama Competitive Bid Law, Ala. Code §41·16·50, et seq. (1975) and/or Ala. Code §39·2·1, et seq. (1975), the City of Tuscaloosa awarded a contract for the above-referenced project to Onepath Systems, LLC.; and,

WHEREAS, it has been determined that a change order to the above-referenced contract is necessary for the following reasons:

Furnish the necessary labor, materials and equipment to:

Remove Alternate No. 1 - Phase 2 work from the project scope and contract

as set forth in the C.O. and accompanying documents); and,

WHEREAS, the Architect, the Engineer for the project, or the City's representative, as the case may be, have/has certified to the Council as per the attached change order request, that said change order is: (Mark applicable category)

- __a. Minor change of a total monetary value less than required for competitive bidding.
- Xb. Changes for matters relatively minor and incidental to the original contract necessitated by unforeseeable circumstances arising during the course of work.
- __c. Emergency arising during the course of work.
- __d. Change or alternates provided for in the original bidding where there is no difference in price of the Change Order from the original best bid on the Alternate.
- __e. Change of relatively minor terms not contemplated when the plans and specifications were prepared and the project was bid, and which are in the public interest and do not exceed ten (10) percent of the Contract Price.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF TUSCALOOSA as follows:

1. That the Mayor be, and he is hereby, authorized to execute that certain change order now before the Council for the above stated project in the deductive amount of

\$29,945.00 (Change Order Cost), time 0 (Calendar day extension of time), and for the reasons so stated, by and as an act for and on behalf of the City of Tuscaloosa, and the City Clerk is authorized to attest the same.

2. That the Architect or Engineer or Owner's representative, as the case may be, shall implement this change order and properly document the same pursuant to all applicable contract documents.

FUNDING REQUIRED: ⊠Yes □No	COUNCIL ACTION				
	Resolution				
	Ordinance				
	Introduced				
	Passed 2-9-10				
	2 nd Reading				
	Unanimous				
	Failed				
10. A	Tabled				
By:	Amended				
Finance Director	Comments:				

CONTRACT CHANGE ORDER NO. 2

City of Tuscaloosa, Office of the City Attorney

DATE: _	July 6, 2016	
PROJEC		- FIBER / CABLING INFRASTRUCTURE SYSTEM AND
то.	TERMINATION HARDWARE	
то:	Onepath Systems, LLC (Conf.	sorter)
TERMS:	You are hereby authorized, subject to the the following changes thereto in accorda supporting documents and to:	provisions of your Contract for this Project, to make nnce with the attached Change Order Request and
	FURNISH the necessary labor, materials a	and equipment to:
 Remo 	we Alternate No. 1 – Phase 2 work from the proje	ct scope and contract.
TOTAL A	DDITION OR REDUCTION TO CONTRAC	T PRICE:
(Note: N	umbers in parentheses are deductions).	
	L CONTRACT PRICE	\$171,445.00
	NTINGENCY/ALLOWANCE	\$0
	GINAL CONTRACT PRICE	\$ <u>171.445.00</u>
	of previous Change Orders	\$ <u>13,148.35</u>
	revised Contract Price	\$ <u>184.593.35</u>
This Char	nge Order No. 2 ☐Add ☑Deduct	\$
Revised (Contract Price this date	\$ 154,648.35
Extension calendar	n of time resulting from this Change Order _ days).	- 170 - (Indicate number of
The amou	unt of this Change Order will be the responsi	bility of The City of Tuscaloosa, Alabama
related to modificati file any fi	this change. By acceptance of this Contraction represents an equitable adjustment to the	al accord and satisfaction for all time and all cost t Modification, the Contractor hereby agrees that the ne Contract, and further, agrees to waive all right to as a result of this change, or the accumulation of
The Contr	ractor and Owner(s) hereby agree to the terr	ns of this Change Order as contained herein.
	CONSENT OF SURETY	CONTRACTING PARTIES
		Onepath Systems, LLC
	(Company)	(Contractor)
		6/ .16/ 1.
Ву:		By: (Authorized Representative)
	RECOMMENDED	CITY OF TUSCALOOSA
Desir		1
Ву:	WALKER ASSOCIATES, INC.	11/1
	/ hi left	By: Walter Maller
	(Design Engitheer or Architect)	(Mayor)

CHANGE CITY OF TUSCALOOSA ORDER OFFICE OF THE CITY ATTORNEY REQUEST OWNER: CITY OF TUSCALOOSA ARCHITECT/ENGINEER: WALKER ASSOCIATES, INC. CONTRACTOR: ONEPATH SYSTEMS, LLC PROJECT: CITYWALK - FOREST LAKE SECTION - FIBER / CABLING INFRASTRUCTURE SYSTEM AND TERMINATION HARDWARE CHANGE ORDER REQUEST NO. 2 - Final **DATE:** 7/6/2016 1. DESCRIPTION OF CHANGE: -Deductive Change Order to remove Phase 2 Work from the Contract. 2. CHANGE ORDER COSTS: Twenty nine thousand nine hundred forty five dollars and 00/100 (\$29,945.00) Proposal Attached N/A Cost Estimated/Proposal Required

Item	Quantity	Material Unit Price	Labor (Hours)	Labor Unit Price	Sub-Total Cost
a. Alternate No. 1	1 LS	N/A	N/A	N/A	\$29,945.00
b.			1 V 1 0-72 AV		420,010.00
C.					
d					
e.			100		
THE A STATE OF THE					
		ImIT	TO	TAL:	\$29,945.00

^{*}If more than 6 items, provide attachments.

- 3. INSTITUTED BY: CITY OF TUSCALOOSA
- 4. JUSTIFICATION OF NEED: Property has not been acquired for the Phase 2 work and the work will be moved to a separate City project.

Office of the City Attorney Form No. PW-01/ Rev. 01-2015

	f the fiber connection.	that was in place related to the property for the permanent
. COSTS	S REVIEW: Reviewed by V	Valker Associates, Inc.
. THIS (CHANGE ORDER IS SU	BMITTED FOR REVIEW AND APPROVAL AND IS
	Minor change of a total	monetary value less than required for competitive bidding.
	Changes for matters reby unforeseeable circular	elatively minor and incidental to the original contract necessitated mstances arising during the course of work.
	Emergencies arising du	uring the course of work.
	Change or alternates price of the Change On	provided for in the original bidding where there is no difference in der from the original best bid on the Alternate.
	Change of relatively min prepared and the Proje 10% of the Contract Pri	nor terms not contemplated when the plans and specifications were ect was bid and which are in the public interest and do not exceed ice.
ays ays were	e added due to loss of work be completed on the projec	TED: Calendar Days: One Hundred Seventy (170) Calendar time awaiting warranty improvements from a separate City site. APPROVED:
v: (hi life	BY: Vern' Vent
Tu Ct	iscaloosa's Consulting Engineer/A hris Crawford, P.E. Walker Associa	Architect Contractor - Derrick Dunkin Openath Systems 11.0
Y:		BY:
	City Representative	Owner's Legal Advisor
		BY:
		Owner's Authorized Representative

Office of the City Attorney Form No. PW-01/ Rev. 01-2015



2890 Rice Mine Road NE Tuscaloosa, AL 35406 P (205) 561-3778 | F (205) 561-3779

August 2, 2016

Ms. Savannah Howell
City of Tuscaloosa Office of Resiliency and Innovation
2201 University Boulevard
Tuscaloosa, Alabama 35401

Via Electronic Delivery: showell@tuscaloosa.com

RE: Citywalk Fiber Cabling Infrastructure – Pay Request No. 4 (FINAL)

Dear Savannah.

Please find the enclosed Application and Certification for Payment No. 4 - FINAL for the above referenced project. We have reviewed the estimate and are in agreement for payment by the City of Tuscaloosa at this time.

If you need any additional information or have any questions, please let me know.

Sincerely,

WALKER ASSOCIATES, INC.

Chris Crawford, PE

Associate

attachments: Application and Certification for Payment No. 4, Schedule of Values, SOV Detail, and

Certified Payroll

cc: File

APPLICATION AND CERTIFICATE FOR PAYMENT

TO (OWNER): City of Tuscaloosa

c/o Walker Assoc./TALA PERIOD TO: 7/13/2016 VIA (ARCHITECT): FROM (CONTRACTOR): Onepath Systems, LLC **ARCHITECT'S** 2053 Franklin Way SE PROJECT NO: Marietta, GA 30067-8712 CONTRACT FOR: Fiber Project PH-1 And PH-2 CONTRACT DATE: 7/1/2015 CONTRACTOR'S APPLICATION FOR PAYMENT Application for the below Payment is made in connection with the Contract. CHANGE ORDER SUMMARY \$171,445.00 Change Orders approved in **ADDITIONS** DEDUCTIONS 2. Net change by Change Orders (\$16,796,65) 3. CONTRACT SUM TO DATE (Line 1 + 2) previous months by Owner \$154,648.35 CO#1 12/04/2016 \$13,148,35 \$0.00 TOTAL 4. TOTAL COMPLETED & STORED TO DATE \$154,648.35 \$13,148.35 \$0.00 Approved this month (Column G on OS703) Number Date Approved 5. RETAINAGE: CO#2 7/2016 \$0.00 \$29.945.00 a. 5% of Completed Work \$4,387.00 (Column D + E on OS703) b.5% of Stored Material (Column F on OS703) Total Retainage (Line 5a + 5b or **TOTALS** \$13,148,35 \$29,945.00 Total in Column I of OS703) \$4,387,00 Net change by Change Orders (\$16,796.65) \$150,261.35 The undersigned Contractor certifies that to the best of the Contractor's knowledge, (Line 4 less Line 5 Total) information and belief the Work covered by this Application for Payment has been 7. LESS PREVIOUS CERTIFICATES FOR completed in accordance with the Contract Documents, that all amounts have been PAYMENT (Line 6 from prior Certificate) \$126,913.85 \$23,347.50 paid by the Contractor for Work for which previous Certificates for Payment were 9. BALANCE TO FINISH, PLUS RETAINAGE \$4,387.00 issued and payments received from the Owner, and that current payment shown herein is now due. (Line 3 less Line 6) State of: County of: **CONTRACTOR:** Subscribed and sworn to before me this day of Notary Public: Date 7/13/2016 My Commission expires: ARCHITECT'S CERTIFICATE FOR PAYMENT AMOUNT CERTIFIED \$27,734,50 (Attach explanation if amount certified differs from the amount applied for) In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the ARCHITECT: best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Date: the Contractor is entitled to payment of the AMOUNT CERTIFIED. This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

PROJECT: CityWalk- Forest Lake Section

APPLICATION NO: 4

CONTINUATION SHEET (Similar to AIA Document G703)

JOB: CityWalk- Forest Lake Section/ Fiber Project PH-1 and PH-2

Project Name: CityWalk- Forest Lake Section Application Number: Number 4 Application Date: 7/13/2016 Period To: 7/13/2016

Α	В	С	D	5E	F	G		H	
		I WES-1	WORK COMPLETED		4 1 5 T				
ITEM	DESCRIPTION	SCHEDULED	FROM PREVIOUS	THIS	MATERIALS	TOTAL	%	BALANCE	RETAINAGE 59
NO.	OF WORK	VALUE	APPLICATION	PERIOD	PRESENTLY	COMPLETED	(G/C)	TO	
			(D + E)		STORED	& STORED		FINISH	
					(NOT IN D OR E)	(D + E + F)		(C/G)	
1	PH1 / Mobilization/Material Storage Unit- 7.00%	\$9,905.00		\$0.00	\$9,905.00	\$9,905.00	100%	\$0.00	\$495.00
2	PH1 / Materials-(Fiber & Cat-6 Ca., Cabinet, Hardware Eqmt.)- 50.00%	\$70,750.00		\$0.00	\$70,750.00		100%	\$0.00	\$3,538.00
3	PH1 / Labor- Bore and Install Conduit- 5.00%	\$7,075.00		\$0.00	\$7,075.00		100%	\$0.00	\$354.00
4	PH1 / Labor- Install Fiber Backbone Cabling- 4.00%	\$5,660.00		\$0.00	\$5,660.00		100%	\$0.00	\$0.00
5	PH1 / Labor- Install Fiber Drop Cabling to IT-Cab on Poles- 4.00%	\$5,660.00	\$0.00	\$0.00	\$5,660.00	\$5,660.00	100%	\$0.00	\$0.00
6	PH1 / Labor- Install Copper Cat-6 Cabling in Poles- Copper Enclosures and Terminations- 7.00%	\$9,905.00	\$0.00	\$9,905.00		\$9,905.00	100%	\$0.00	\$0.00
7	PH1 / Labor- Install Fiber Optic Enclosures and Terminations- 6,00%	\$8,490.00	\$0.00	\$0.00	\$8,490.00	\$8,490.00	100%	\$0.00	\$0.00
8	PH1 / Labor- Install/Perform Fiber Optic Splicing Operations- 5.00%	\$7,075.00	\$0.00	\$0.00	\$7,075.00	\$7,075.00	100%	\$0.00	\$0.00
9	PH1 / Labor- Complete all Copper Cat-6 and Fiber Optic Testing- 5.00%	\$7,075.00	\$0.00	\$3,537.50	\$3,537.50	\$7,075.00	100%	\$0.00	\$0.00
10	PH1 / Testing Reports/ As-Built Close Out Documents and Complete all Inspection Punch List Items	\$9,905.00	\$0.00	\$9,905.00		\$9,905.00	100%	\$0.00	\$0.00
11	PH2/ Project Materials-(Fiber & Cat-6 Ca., Cabinet, Handware Eqmt.)- 50.00% Changed in CO#2- 7/16\$14,972.50	\$0.00	\$0.00			\$0.00	0%	\$0.00	\$0.00
12	PH2/ Project Labor- Install Fiber Backbone Cabiling- 10.00% Changed in CO#2-7/16\$2,994.00	\$0.00	\$0.00			\$0.00	0%	\$0.00	\$0.00
13	PH2/ Project Labor- Install/Perform Fiber Optic Splicing Operations/ Install Fiber Optic Enclosures and Terminations- 10.00% Changed in COII2-7/16\$2,995.00	- \$0.00	\$0.00		المتعارضين	\$0.00	0%	\$0.00	\$0.00
14	PH2/ Project Labor-Telecomm. Room Build Out (Eqmt, Cabinets/ Ladder Tray Systems)- 10.00% Changed in CO#2-7/16, 42,994.00	\$0.00	\$0.00			\$0.00	0%	\$0.00	\$0.00
15	PH2/ Project Labor- Install Copper Cat-6 Cabling in Confort Center- Copper Enclosures and Terminations- 10.00% Changed in CO#2-7/16. \$2,995.00	\$0.00	\$0.00			\$0.00	0%	\$0.00	\$0.00
16	PH2/ Project Labor-Complete all Copper Cat-5 and Fiber Optic Testing/ Provide all Testing Reports/ As-Bullt Close Out Documents and Complete all Inspection Punch List Items-10.00% Changed in CO42-7/16. 42,995.00	\$0.00	\$0.00			\$0.00	0%	\$0.00	\$0.00
17	Change Order #1 New Pathway Installation and Fiber Route Change	\$13,148.35	\$0.00	\$0.00	\$13,148.35	\$13,148.35	100%	\$0.00	\$0.00
				THE SEC		\$0.00	0%	\$0.00	\$0.00
						\$0.00	0%	\$0.00	\$0.00
				A CONTRACTOR AND A CONTRACTOR		\$0.00	0%	\$0.00	\$0.00
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						\$0.00	0%	\$0.00	\$0.00
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						\$0.00	0%	\$0.00	\$0.00
						\$0.00	0%	\$0.00	\$0.00
		T. 7		W 1 = 1		\$0.00	0%	\$0.00	\$0.00
110		RC HELLIN	RESTRICT D			\$0.00	0%	\$0.00	\$0.00
					Here I had all	\$0.00	0%	\$0.00	\$0.00
						\$0.00	0%	\$0.00	\$0.00
	Total	\$154,648,35	\$0.00	\$23,347,50	\$131,300,85	\$154,648.35	100%	\$0.00	\$4,387.00

Tuscaloosa CityWalk-Forest Lake Section Fiber Project Schedul Of Values- BASE BID PHASE 1 AND PHASE 2 Pay Request #_4_

item Number	Contract Item Description	Orig. Contract Amount	Change Order Amount	New Contract Amount	Amount Billed This Invoice	Amount Billed Previously	Amount Billed to Date	5% Retainage This Invoice	5% Retainage To Date	Percent Invoiced To Date	Remaining Balan
1	PH 1 / Mobilization/Material Storage Unit- 7.00%	\$9,905.00		\$9,905.00	\$0.00	\$9,905.00	\$9,905.00	\$495.00	\$495,00	100.00%	\$495.00
2	PH 1 / Materials-(Fiber & Cat-6 Ca., Cabinet, Hardware Eqmt.)-50.00%	\$70,750.00	V s	\$70,750.00	\$0.00	\$70,750.00	\$70,750.00	\$3,538.00	\$3,538.00	100.00%	\$3,538.00
3	PH 1 / Labor- Bore and Install Conduit- 5.00%	\$7,075.00		\$7,075.00	\$0.00	\$7,075.00	\$7,075.00	\$354.00	\$354.00	100.00%	\$354.00
4	PH 1 / Labor- Install Fiber Backbone Cabling- 4.00%	\$5,660.00	M.	\$5,660.00	\$0.00	\$5,660.00	\$5,660.00	\$0.00	\$0.00	100.00%	\$0.00
5	PH 1 / Labor- Install Fiber Drop Cabling to IT-Cab on Poles- 4.00%	\$5,660.00	11 15 1	\$5,660.00	\$0.00	\$5,660.00	\$5,660.00	\$0.00	\$0.00	100.00%	\$0.00
6	PH 1 / Labor- Install Copper Cat-6 Cabling in Poles- Copper Enclosures and Terminations- 7.00%	\$9,905.00	= x }	\$9,905.00	\$9,905.00	\$0.00	\$9,905.00	\$0.00	\$0.00	100.00%	\$0.00
7	PH 1 / Labor- Install Fiber Optic Enclosures and Terminations-	\$8,490.00		\$8,490.00	\$0.00	\$8,490.00	\$8,490.00	\$0.00	\$0.00	100,00%	\$0,00
8	PH 1 / Labor- Install/Perform Fiber Optic Splicing Operations- 5.00%	\$7,075.00		\$7,075.00	\$0.00	\$7,075.00	\$7,075.00	\$0.00	\$0.00	100.00%	\$0.00
9	PH 1 / Labor- Complete all Copper Cat-6 and Fiber Optic Testing- 5.00%	\$7,075.00		\$7,075.00	\$3,537.50	\$3,537.50	\$7,075.00	\$0.00	\$0.00	100.00%	\$0.00
10	PH 1 / Project Labor- Provide all Testing Reports/ As-Built Close Out Documents and Complete all Inspection Punch List Items-	\$9,905.00		\$9,905.00	\$9,905.00	\$0.00	\$9,905.00	\$0.00	\$0.00	100.00%	\$0.00
11	PH 2 / Materials-(Fiber & Cat-6 Ca., Cabinet, Hardware Eqmt.)- 59,00% Changed in CO#2-7/16.	\$14,972.50	-\$14,972.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
12	PH 2 / Labor- Install Fiber Backbone Cabling- 10.00% Changed in CO#2-7/16.	\$2,994.50	-\$2,994.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0,00%	\$0.00
13	PH 2 / Labor- Install/Perform Fiber Optic Splicing Operations/ Install Fiber Optic Enclosures and Terminations- 10.00% Changed in CO#2-7/16.	\$2,994.50	-\$2,994.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
14	PH 2 / Labor- Telecomm. Room Build Out (Eqmt. Cabinets/ Ladder Tray Systems)- 10.00% Changed in CO#2-7/16.	\$2,994.50	-\$2,994.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
15	PH 2 / Labor- Install Copper Cat-6 Cabling in Confort Center- Copper Enclosures and Terminations- 10.00% Changed in CO#2- 7/16.	\$2,994.50	-\$2,994.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
16	PH 2 / Labor- Complete all Copper Cat-6 and Fiber Optic Testing/ Provide all Testing Reports/ As-Built Close Out Documents and Complete all Inspection Punch List Items- 10.00% Changed in CO#2-7/16.	\$2,994.50	-\$2,994.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
17	Change Order #1 - New Pathway Installation and Fiber Route Change		\$13,148.35	\$13,148.35	\$0.00	\$13,148.35	\$13,148.35	\$0.00	\$0.00	100.00%	\$0.00
.=1	Contract Totals	\$171,445.00	-\$16,796.65	\$154,648.35	\$23,347.50	\$131,300.85	\$154,648.35	\$4,387.00	\$4,387.00	100.00%	\$4,387.00

SCHEDULE OF VALUES

ESTIMATE No.

B. C. No.____

4

ATTACHEMENT TO CERTIFICATE FOR PAYMENT PH-1 AND PH-2

Date: 7/13/2016

TO: OWNER City of Tuscaloosa c/o Walker Assoc./TALA	PROJECT: CityWalk- Forest Lake Section Fiber Infrastructure Project- Base Bid/Phase 1 and Phase2
FROM: CONTRACTOR Onepath Systems, LLC 2053 Franklin Way SE Marietta, GA 30067-8712	
FFIN/SS 20-4040296	

ITEM			%	
NO.	BASE BID CONTRACT/PHASE 1- DESCRIPTION OF WORK ITEMS	SCHEDULED VALUE	COMPLETE	AMOUNT; COMPLETE
1	PH1 / Project Mobilization/Material Storage Unit- 7.00%	\$9,905.00	100.00%	\$9,905.0
2	PH1 / Project Materials-(Fiber & Cat-6 Ca., Cabinet, Hardware Eqmt.)- 50	\$70,750.00	100.00%	\$70,750.0
3	PH1 / Project Labor- Bore and Install Conduit- 5.00%	\$7,075.00	100.00%	\$7,075.0
4	PH1 / Project Labor- Install Fiber Backbone Cabling- 4.00%	\$5,660.00	100.00%	\$5,660.0
5 6	PH1 / Project Labor- Install Fiber Drop Cabling to IT-Cab on Poles- 4.00% PH1 / Project Labor- Install Copper Cat-6 Cabling in Poles- Copper	\$5,660.00	100.00%	\$5,660.0
	Enclosures and Terminations- 7.00%	\$9,905.00	100.00%	\$9,905.0
7	PH1 / Project Labor- Install Fiber Optic Enclosures and Terminations-	\$8,490.00	100.00%	\$8,490.0
8	PH1 / Project Labor- Install/Perform Fiber Optic Splicing Operations-	\$7,075.00	100.00%	\$7,075.0
9	PH1 / Project Labor- Complete all Copper Cat-6 and Fiber Optic Testing-	\$7,075.00	100.00%	\$7,075.0
10	PH1 / Project Labor- Provide all Testing Reports/ As-Built Close Out Documents and Complete all Inspection Punch List Items- 7.00%	H		
		\$9,905.00	100.00%	\$9,905.00
11	PH2 / Project Materials-(Fiber & Cat-6 Ca., Cabinet, Hardware Eqmt.)-			
12	50.00% Changed in CO#2-7/16\$14,972.50 PH2 / Project Labor- Install Fiber Backbone Cabling- 10.00% Changed in	\$0.00	0.00%	\$0.00
13	CO#2-7/16\$2,994.50 PH2 / Project Labor- Install/Perform Fiber Optic Splicing Operations/ Install Fiber Optic Enclosures and Terminations- 10.00% Changed in	\$0.00	0.00%	\$0.00
	CO#2-7/16\$2,994.50	\$0.00	0.00%	\$0.00
14	PH2 / Project Labor- Telecomm. Room Build Out (Eqmt. Cabinets/		3.00.00	
	Ladder Tray Systems)- 10.00% Changed in CO#2-7/16\$2,994.50	\$0.00	0.00%	\$0.00
15	PH2 / Project Labor- Install Copper Cat-6 Cabling in Confort Center- Copper Enclosures and Terminations- 10.00% Changed in CO#2-7/16		0.00.0	30.00
16	\$2,994.50 PH2 / Project Labor- Complete all Copper Cat-6 and Fiber Optic Testing/ Provide all Testing Reports/ As-Built Close Out Documents and	\$0.00	0.00%	\$0.00
	Complete all inspection Punch List Items- 10.00% Changed in CO#2-	E . 1594		
17	7/16\$2,994.50 Change Order #1 for New Pathway Installation and Fiber Route Change	\$0.00	0.00%	\$0.00
		\$13,148.35	100.00%	\$13,148.3
IALS	THIS PAGE	\$154,648.35	100.00%	\$154,648.3