CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

CONTRACT CHANGE ORDER

DEPARTMENT OF PUBLIC WORKS

CCO NO.: 5
PROJECT NAME: 8248 - Mineta San Jose International Airport South-East Area IT Infrastructure Relocation Re-B
DATE: 8/30/2017
CONTRACTOR: WestCal Design and Build, Inc.
FILE NO.: 8248

The following changes are hereby made to CONTRACT DOCUMENTS:

ITEM	DESCRIPTION OF CHANGED WORK	UNIT	UNIT PRICE	QUANTITY	EXTENSION
1 a.	**Add to Contract** Excavate and remove existing 2-4" PVC electrical secondary conduits. Install new 1-5" PVC electrical conduit from the transformer to the switchboard including core-drilling, hand digging, backfill and surface finish with Asphalt Concrete.	LS	$40,786.27	1	$40,786.27

FUND	R.C.	DETAIL	APPN NO.
554	18607X	4081	7799

AWARD CONTRACT NO.	AWARD DATE
28031	10/6/2016

Total Cost of CHANGE	$40,786.27
Total Credit of CHANGE	$0.00
Previous CHANGE ORDERS	$62,245.50
Original CONTRACT	$414,970.00
CONTRACT Amount to Date	$518,001.77

I hereby certify that an unexpended appropriation is available in the above fund for the above contract as estimated, and that funds are available as of this date of signature.

Authorized Signature _____ Date _____

ACCEPTANCE

Contractor hereby agrees to accept the amount set forth herein as payment in full for the work described and further agrees that Contractor is entitled to no additional time or compensation for such work other than as set forth herein.

The CONTRACT TIME will be increased by 0 working days.

Contractor _____ Date _____

Senior Engineer _____ Date _____

Division Manager _____ Date _____

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CHANGE ORDER TECHNICAL JUSTIFICATION

	CCO NO.:	5
PROJECT NAME: 8248 - Mineta San Jose International Airport South-East Area IT Infrastructure Relocation Re-Bi	DATE:	8/30/2017
CONTRACTOR: WestCal Design and Build, Inc.	FILE NO.:	8248

1. Description of Change **2. Reason for Change** **3. Alternatives Considered** **4. Impact of Non-Incorporation**

1 Description of Change

Addition:

a.Excavate and remove existing 2-4" PVC electrical secondary conduits. Install new 1-5" PVC electrical conduit from the transformer to the switchboard including core-drilling, hand digging, backfill and surface finish with Asphalt Concrete.

2 Reason for Change

Initially, the Contractor installed two (2) 4” PVC conduits for the secondary conduit per the approved PG&E design. However, due to changes in the building electrical loads, a redesign by PG&E was necessary to cater for the increased electrical load. This redesign requires the 2-4” secondary conduits to be replaced with one (1) 5” secondary conduit

2 Alternatives Considered

No alterntives available. This work has to be done otherwise the building will not be

4 Impact on Non-Incorporation

These changes are required to be incorporated to ensure overall operation of the project. Non-incorporation will impact the operation of the project.

Signed_____

Sheet _1__ of _1__

Tech Just (Rev. 9/14/00)

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CHANGE ORDER NEGOTIATION SUMMARY

CCO NO.:	5
PROJECT NAME: 8248 - Mineta San Jose International Airport South-East Area IT Infrastructure Relocation Re-Bid	DATE: 8/30/2017
CONTRACTOR: WestCal Design and Build, Inc.	FILE NO.: 8248

DATE	ATTENDEES	COMMENTS
	Fai Ali, Project Manager Reb Lucett, WestCal Design and Build	Fai Ali asked the Contractor to provide the change order request on 4/3/2017 for the work described in the EE. After review, the total sum of the change order submitted by the Contractor was within 10% of the EE. City staff deems the price of $40,786.27 reasonable for the work involved.

Signed_____

Sheet _1__ of _1__

Neg Sum (Rev. 9/14/00)

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8248 - Mineta San Jose International Airport South-East Area IT Infrastructure Re-Bid
CCO #5 - Engineer's Estimate - 4/3/17

Item	Description	Unit	Quantity	Unit Price	Total
1	Removal of Existing 2-4" PVC Conduits				
	Sawcutting	LS	1	$2,500.00	$2,500.00
	Labor for hand dig	hrs	12	$125.00	$1,500.00
	Equipment for Trench Excavation	LS	1	$5,500.00	$5,500.00
	Core Drilling Concrete Under Fence and MSB	hrs	16	$125.00	$2,000.00
	Jackhammer and Equipment	LS	1	$2,500.00	$2,500.00
	Clean Up	LS	1		$500.00
2	Installation of 1-5" PVC Conduits				
	Materials	LS	1	$2,500.00	$2,500.00
	Labor for Installation	hrs	16	$125.00	$2,000.00
	Backfill and Compaction	LS	1		$7,500.00
	Electrician and Testing	LS	1		$1,500.00
	Asphalt Concrete	LS			$2,500.00
	Miscellaneous	LS	1	$1,000.00	$1,000.00
	Subtotal				$31,500.00
1	Insurance and Bond - 15%	LS			$4,725.00
2	OH and Markup, 15%	LS			$4,725.00
	Total				**$40,950.00**

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TRANSPORTATION & HYDRAULICS DIVISION

Change Order Check List
Documents Required For All Change Orders

	Submit to Division Mgr.	Keep In Project File
Purple Signature Page	**X**	X
Contract Change Order on Approved City Form	**X**	X
Change Order Technical Justification	**X**	X
Change Order Cost Estimate	**X**	X
Change Order Negotiation Summary	**X**	X
Change Order Log	**X**	X
This Change Order Checklist	**X**	X

Project: **8248-San Jose International Airport Southeast Area IT Infrstructure Relocation Re-Bid** Change Order No.: **5**

1) The Technical Justification for this Change Order Is Documented in the Project File, or, for Change Orders Over $20,000, within the body of the Cover Memo to the Director of Public Works.

Yes [x] N/A [ ], please explain below No [ ], please explain below

2) The Change Order Estimate Has Been Prepared and Is In the Project File and is dated prior to any Contractor Price Quotes.

Yes [x] N/A [ ], please explain below No [ ], please explain below

3) The Change Order Amount is Within 10% of the Change Order Estimate.

Yes [x] N/A [ ], please explain below No [ ], please explain below

4) Negotiations With the Contractor Regarding the Change Order occurred on _____ or N/A [x].

Via Correspondence, in file [ ]
Via Telephone, with notes in file [ ]
In a Meeting, with notes in file [ ]
No negotiations necessary since contractor's price quote letter was within 10% of change order estimate [x]

5) The Change Order Log is in the project file, and this change order is within the contingency amount shown on the award memo and is within the limits described in Procedure #206.

Yes [x] N/A [ ], please explain below No [ ], please explain below

Project Manager: _____ Date: _____

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CONTRACT CHANGE ORDER LOG

PROJECT: SOUTHEAST AREA IT INFRASTRUCTURE RELOCATION
CONTRACTOR: WESTCAL DESIGN AND BUILD, INC.
ADDRESS: 32108 ALVARADO BLVD #208
UNION CITY, CA 94587
TELEPHONE: 415-819-7925
FAX:

FILE NO.: 8248
FUND: 554
RC: 18607X
APPN: 7799
AWARD OF CONTRACT NO.: 28031
AWARD DATE: 10/7/17

CCO		AUTHORIZATION			DESCRIPTION	CCO AMOUNT	CONTINGENCY REMAINING TO DATE	CONTRACT AMOUNT TO DATE
No.	Item	DIV	DPW	COUNCIL				
							$62,245.50	**$414,970.00**
1	1				Provide, Install, terminate and test wires from the Main Switchboard, MSB to 200A Building Panel LP1A, 100A Panel #1 and 100A Panel #2	$8,278.89	$53,966.61	$423,248.89
2	2				Increase Size of Concrete Pad for Generator and Switchboard. Core drill and extend rigid conduits for panels 1A and 1B. Extend 12-4" communication conduits. Increase size of concrete pull box.	$18,870.01	$35,096.60	$442,118.90
3	3				Installation of 2-inch PVC conduit from main switchboard to Panel #2. Airport Escort and Portable Toilets.Addition of concrete steps on three landing. Cover for Communication Vault.Installation of Grounding System for Communication Vault.	$11,303.53	$23,793.07	$453,422.43
4	4				Installation of PG&E primary conduit. Installation of barrier posts	$23,793.07	$0.00	$477,215.50
5*	5				Replacement of 2-4" PVC Secondary conduits to 1-5" Secondary conduits and associated electrical/civil works.	$40,786.27	($40,786.27)	$518,001.77

TOTAL AMOUNTS TO DATE: **$103,031.77** **($40,786.27)** **$518,001.77**

* - The Airport is seeking approval from City Council to approve an increase to the construction contingency in the amount of $40,787 to cover for CCO #5. The matter is scheduled to be heard on the September 12, 2017 Council date.

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