

# **Board Report**

Los Angeles County
Metropolitan Transportation
Authority
One Gateway Plaza
3rd Floor Board Room
Los Angeles, CA

Agenda Number: 37.

CONSTRUCTION COMMITTEE APRIL 15, 2021

SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT

ACTION: APPROVE RECOMMENDATIONS

File #: 2021-0118, File Type: Contract

### RECOMMENDATION

RECEIVE AND FILE status report on Program Management Quarterly Change Report.

# **BACKGROUND**

At the January 26, 2018 Board meeting, the Board approved the continuation and expansion of the delegation of authority within Life of Project (LOP) budget management on all Transit and Regional Rail Capital Projects. Staff was directed to provide quarterly reports to the Board on change orders and modifications that are above \$500,000.

### **DISCUSSION**

The change activities for the reporting period between December 1, 2020 and February 28, 2021 are included in Attachment A.

### FINANCIAL IMPACT

The changes included in this report are included in the approved life-of-project budget for each project.

### IMPLEMENTATION OF STRATEGIC PLAN GOALS

Recommendation supports strategic plan goal # 5 to provide responsive, accountable, and trustworthy governance within the Metro organization by keeping the Board informed of the Projects' change orders and modifications via submitting the Change Order log on a quarterly basis.

### **NEXT STEPS**

The next Change Order Log will cover the period of March 1, 2021 through May 31, 2021 and will be presented to the June 2021 Construction Committee.

File #: 2021-0118, File Type: Contract

Agenda Number: 37.

### **ATTACHMENTS**

Attachment A - Quarterly Change Orders Log for Reporting Period of December 1, 2020 - February 28, 2021

# Prepared by:

- Crenshaw/LAX Sameh Ghaly, Sr. EO Project Mgmt., (213) 418-3369
- Regional Connector Gary Baker, EO Project Eng., (213) 893-7191
- Westside Purple Line Ext 1 James Cohen, EO Project Eng., (323) 900-2114
- Westside Purple Line Ext 2 Michael McKenna, EO Project Eng., (424) 551-4447
- Westside Purple Line Ext 3 Kimberly Ong, EO Project Eng., (424) 551-4501
- Division 20 Portal Rick Meade, Sr. EO Project Mgmt., (213) 922-7917
- Metro Center Jeanet Owens, Sr. EO Project Mgmt., (213) 418-3189
- **Metro Blue Line Resignaling -** Tim Lindholm, Sr. EO Project Mgmt., (213) 922-7297
- Willowbrooks/Rosa Parks Improvement Tim Lindholm, Sr. EO Project Mgmt., (213) 922-7297
- Report Brian Boudreau, Sr. EO Program Control, (213) 922-2474

# Reviewed by:

Bryan Pennington, Interim Chief Program Management Officer, (213) 922-7449

Phillip A. Washington Chief Executive Officer

# **CRENSHAW/LAX TRANSIT PROJECT**

# I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2020 - February 28, 2021)

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safet

PROFESSIONAL SERVICE	PROFESSIONAL SERVICES CONTRACTS									
MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount				
	(Arcadis) CONSTRUCTION CLAIMS SUPPORT SERVICES - FY21: Extend funding for support of claims and potential litigation for Crenshaw/LAX for period of performance from February 2, 2021 through December 31, 2021.		2/10/2021	2/22/2021	N/A	\$ 2,246,529				

II.	. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2020 - February 28, 2021)							
Α	A) DESIGN BUILD CONTRACT - Contract No. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS							
	CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of				
				Magnitude Cost				
		None						

### **REGIONAL CONNECTOR TRANSIT PROJECT**

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2020 - February 28, 2021)

**Change Types:** 

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

A. DESIGN BUILD CONTRACT	- CONTRACT NO. C0980	- REGIONAL CONNECTOR CONSTRUCTORS

<i>-</i>	DESIGN DOILD CONTI	REGIONAL CONTRACTIONS					
	MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's	Approved Amount
						Proposed Amount	
	C0980-MOD-187	Early Completion Incentive Agreement	5	NA	2/22/2021	NA	\$ 20,954,000
	C0980-MOD-188	2nd Hope Pedestrian Bridge - Construction	1	11/20/2020	12/22/2020	\$ 3,142,506	\$ 3,051,100
	C0980-MOD-193	LADWP Power conduit Relocations on Temple St. and Alameda St.	3	8/16/2019	2/21/2021	\$ 3,629,757	\$ 682,524

### B. PROFESSIONAL SERVICES CONTRACT

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's	Approved Amount
,					Proposed Amount	
	None					

	OTHER	AGREEMENTS
ı.	UIDER	AUREEIVIENIS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

	RACT - CONTRACT NO. C0980 - REGIONAL CONNECTOR CONSTRUCTORS		
CHANGE NOTICE/ORDER#	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C0980-CN-00233	2nd Hope Hillside Landscaping	5	Between \$500K and less than \$1M
PROFESSIONAL SERV	ICFS CONTRACTS		
Design Support Service			
CHANGE NOTICE/ORDER#	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		
CONSTRUCTION MAI	NAGEMENT SUPPORT SERVICES CONTRACTS		
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		
	None		
,			
OTHER AGREEMENTS MOD/CHANGE #		te Contractor's Proposed Amount	Approved Amount

### **Westside Purple Line Extension Section 1 Project**

#### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2020 - February 28, 2021) Change Types: 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety A. DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE MOD/CHANGE # DESCRIPTION Change Type Submission **Approval Date** Contractor's Proposed Approved Amount (if the change is a unilateral, explain in BOLD fonts) Date Amount Chemical Grouting at Wilshire/San Vicente Area (CN-00164): This Change Order covers the cost \$8,667,152.00 3 N/A 11/30/2020 N/A to install two chemical grouting blocks which surround the tunnel envelopes of BR and BL CO-6.2 tunnels at the Wilshire/San Vicente intersection. These grout blocks provide ground treatment in the area of possible hand mining work in front of the TBM to remove metal anomalies within the tunnel envelope to avoid damage to TBM's cutting tool. Wilshire/San Vicente Anomaly TBM Standby: This Change Order covers the cost for 265 N/A 2/4/2021 \$13,250,000.00 3 N/A calendar days of Daily Standby for either or both TBMs during the following events: 1) TBM(s) CO-8.1 stopped while waiting for the Wilshire/San Vicente grout block to be complete; 2) during intervention work inside the Wilshire/San Vicente grout block; 3) during other periods when one TBM is idle while the other TBM is progressing on double-shifts. A. DESIGN BUILD CONTRACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP None B. PROFESSIONAL SERVICES CONTRACTS

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS
None

### II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2020 – February 28, 2021)

A) DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE CHANGE

CN-00145	Wilshire/Western Station Radio Gap Relocation with Amplifier (design only): This change allows the Project to adhere to Metro Operations/MOW request that the radio system gap between existing radio system and new PLE1 radio system be located between two new cross-passages and be away from existing Wilshire/Western Station platform.		
CN-00145	that the radio system gap between existing radio system and new PLE1 radio system be located between two new cross-passages and be away from existing		
	wilshire/ western station platform.	4	Between \$500K - \$1M
CN-00157	Constructing Wilshire/La Cienega Station During Mining: This change removes the dependency between the TBM arrival at station and facilitates continued station construction. Both TBMs have experienced inefficient tunnel mining rates while progressing through the Reach 2 (Wilshire/La Brea to Wilshire/Fairfax) and Reach 3 (Wilshire/Fairfax to Wilshire/La Cienega) tunnels. This change allows the continued placement of the Wilshire/La Cienega Station structure while the TBM continues the tunnel drive to the station. If this CN is not implemented, work on the 2nd level exterior walls will be completed after the TBM passes through the station, negatively impacting roof concrete placement.	3	TBD
CN-00165	Additional 15 Linear Feet of Abandonment at 173 MPBX locations: This change would allow Metro to adhere to the County of Los Angeles and the California Regional Water Quality Board requirement for additional drilling and removal of the extensometer columns to a depth of 20 feet below ground surface and replacement with a grout conforming to well abandonment standards.	2	Between \$500K - \$1M
CN-00167	City of Beverly Hills (COBH) - Video Detection at Wilshire/Gale Intersection: As part of the traffic control plan for Wilshire/La Cienega appendage construction, the City of Beverly Hills (COBH) is requiring the installation of two video detection cameras at the intersection of Wilshire Blvd and Gale Drive targeting the traffic coming up from the north and south of Gale Drive. This CN will track the costs associated with this extra scope of work.	2	Between \$500K - \$1M
	Wilshire/Fairfax Station Subgrade - Differing Site Condition (DSC): This change is due to the Dispute Review Board's determination that Metro is responsible for contractor's delays associated with the subgrade at the station.	3	Between \$1M - \$5M
CN-00175	Reach 3 TBM Inefficiency from Wilshire/Fairfax Station to East of the Wilshire/San Vicente Grout Block: This CN compensates the contractor for the recognized inefficiency of the TBM mining operation in this identified stretch of the alignment. The TBM slowdown was intended to keep the TBM's moving and crews working while the grout block at the Wilshire/San Vicente intersection was being installed. This CN also minimizes the TBM standby time while it approaches the chemical grout block from the east.	3	TBD
CN-00176	Reach 3 TBM Inefficiency from East of the Wilshire/San Vicente Grout Block to Wilshire/La Cienega Station: This CN compensates the contractor for the recognized inefficiency of the TBM mining operation in this identified stretch of the alignment. TBM mining to and through the Wilshire/San Vicente grout block will most likely be inefficient. Mining is intentionally slow through the block for safety reasons.	3	TBD
CN-00177	Inefficient Movement of TBMs Across Wilshire/La Cienega Station & Mining of Tail Tracks: This CN will compensate the contractor for any inefficiencies during the mining of the tail track. Only one TBM will be mining the tail track at a time, while the other TBM will remain at Wilshire/La Cienega Station during the first TBM mining drive.	3	TBD
CN-00182	Contract C1045 Substantial Completion Milestone Change due to Wilshire/San Vicente Anomaly Impact: The Reach 3 Wilshire/San Vicente Anomaly has impacted critical path tunnel mining activities and the substantial completion date. This CN is being issued to adjust the current contract completion date and compensate the contractor for the associated extension of contract time. Contract completion milestones will be adjusted based on a review and analysis of the Time Impact Analysis as outlined in the contract.	3	TBD
BUILD CONTRACT	T - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP		=
	None		

A. DESIGN BUILD CONTRACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP							
		None					
B) PROFESSIONAL SERVICES CONTRACTS							
		None					
C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS							
		None					

# **Westside Purple Line Extension Section 2 Project**

# I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (DECEMBER 1, 2020 -FEBRUARY 28, 2021)

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-00095	Station and Bicycle Parking Architectural Features - Design and Construction changes at.  Wilshire/Rodeo and Century City Constellation Stations: This change was requested by Metro Planning. Several architectural updates have been made to the Metro Rail Design Criteria (MRDC) since the version that was included in the C1120 Contract. Some of these architectural updates are now incorporated into the final design of the stations on the Westside Purple Line Extension Section 1. This change notice provides clarifications to the station and bicycle parking architectural requirements that allow the final design to be consistent with recent updates to the MRDC, with WPLE1, and with the latest Metro Bike Hub System.	5	11/6/2020	1/7/2021	\$ 4,616,725.00	\$ 1,540,4
MOD-00100	Century City Constellation Station Main Entrance - Construction: When the Project Definition Documents (PDD) were prepared, JMB's proposed development did not have a clear and definitive scope. JMB subsequently developed their plans, closely coordinated with Metro, and the final location of the entrance to the Century City Constellation Station and related easement on JMB's property was established.	5	10/8/2020	2/4/2021	\$ 32,776,271.00	\$ 25,500,0
FESSIONAL SERVICES (	ONTRACT					
MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

# II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (DECEMBER 1, 2020 -FEBRUARY 28, 2021)

CHANGE	DESCRIPTION	Change Type	Rough Order of Magnitude Co
NOTICE/ORDER #			
CN-00107	Alternate Building Settlement Monitoring Methods: This change allows the Contractor to use alternate surveying methods to monitor building settlement without the need for access to a property where Right of Entry to install instrumentation could not be obtained from private property owners.	5	Between \$1 and \$5Million
CN-00110	Century City Constellation Station ROW - Entrance and Appendage Changes Related to Adjacent Development: The Century City Constellation Station entrance and three associated appendages will be located on private property which Metro acquired from JMB, the property owner who is concurrently developing other portions of the same property adjacent to the new station entrance and appendages. Subsequent to the issuance of CN-3.1 (MOD-15) and CN-45 (MOD-100), JMB notified Metro of changes in their development plans that will modify the agreed upon configuration of the entrance plaza, the three appendages, and the construction lease areas. JMB's revised development plans have been reviewed and coordinated with TPOG's latest design and construction schedule, and are documented in the terms and conditions of the acquisition agreement.	5	Between \$1 and \$5Million
CN-00114	Additional LABOE Monitoring Points at Century City Constellation Station: Additional geotechnical instrumentation to monitor the TBM Launch Box and Century City Constellation Station excavations were required to facilitate approval by the City of Los Angeles Bureau of Engineering to obtain the Excavation Permit in a timely manner.	5	Between \$1 and \$5Million
CN-00124	Century City Constellation Station SOE Modification due to LADWP-Power AUR Ductbanks – RFC 68:  This change allows for the Contractor to modify support of excavation to avoid conflict with LADWP-Power ductbanks with over poured concrete during the advanced utility relocation work.	5	Between \$500K and less than \$
SSIONAL SERVICES (	CONTRACTS		
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude C
CN-00072	Continuation of Engineering Support Services during Construction for WPLE 2	5	Between \$5 and \$10 Million
RUCTION MANAGE	MENT SUPPORT SERVICES CONTRACTS		
CHANGE NOTICE/ORDER#	DESCRIPTION	Change Type	Rough Order of Magnitude C
CN-00004	Continuation of Construction Management Support Services for WPLE 2	5	More than \$15 Million
RAGREEMENTS			
MOD/CHANGE #	DESCRIPTION	Change Type	Rough Order of Magnitude (
	None		+

# **Westside Purple Line Extension Section 3 Project**

SIGN BUILD CONTRACT - C11	3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7	- Salety				
MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's	Approved Amo
	(if the change is a unilateral, explain in BOLD fonts)		Date		Proposed Amount	
	None					
SIGN BUILD CONTRACT - C11	.52					
MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's	Approved Amo
	(if the change is a unilateral, explain in <b>BOLD</b> fonts)		Date		Proposed Amount	
MOD-00009	Raise vertical track alignment (Design)	7	12/30/2020	1/15/2021	\$789,743	\$721,700
CO-00035	VA Steam Tunnel Size Increase & Redundancy (Construction). This is a NTE amount to authorize	2	N/A	2/4/2021	N/A	\$850,000
	the start of construction. Total cost will be finalized under a contract modification.					
SIGN BUILD CONTRACT - C1	.53			-1		
MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's	Approved Amo
	(if the change is a unilateral, explain in <b>BOLD</b> fonts)		Date		Proposed Amount	
	Contract Closed					
OFESSIONAL SERVICES CONT	RACTS					
MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's	Approved Amo
	(if the change is a unilateral, explain in <b>BOLD</b> fonts)		Date		Proposed Amount	
MC073-MOD-00013	Extension of Construction Management Support Services Through Fiscal Year 2021	5	12/10/2020	1/19/2021	\$6,826,316	\$6,826,316
			2/9/2021			

DING MODIFICATIONS/CHA	ANGES GREATER THAN \$500K (Dec 01, 2020 - Feb 28, 2021)		
DING MODIFICATIONS/CH	110013 GREATER THAIN \$300K (Det 01, 2020 - Feb 28, 2021)		
ESIGN BUILD CONTRACT - C11	j1		
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Orde
			Magnitude
	None		
ESIGN BUILD CONTRACT - C11			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Ord
			Magnitude
	None		
ESIGN BUILD CONTRACT - C11!			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Ord
		3.1.10	Magnitude
	Contract Closed		
ROFESSIONAL SERVICES CONTI	RACTS		
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Or
			Magnitud
	None		
ONSTRUCTION MANAGEMENT	SUPPORT SERVICES CONTRACTS		
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Or
			Magnitud
1	None		

# **DIVISION 20 PORTAL PROJECT**

# I. AI.APPROVED MODIFICATIONS/CHANGES GREATER THAN 500K IN THIS REPORTING PERIOD DECEMBER 2020 - FEBRUARY 2021

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

A. DESIGN BID	BUILD CONTRACT -	CONTRACT NO. C11	36 - TUTOR PFRIN	I CORPORATION

MOD/CHANGE #	<b>DESCRIPTION</b> (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
3.2	Long lead procurement (Manholes and Special Trackwork)	5	11/9/2020	1/14/2021	\$1,840,000	\$1,840,000
5.1	Differing Site Conditions at 1st Street Viaduct	3	12/28/2020	1/6/2021	\$559,330	\$559,330
9	Valverde Utility Elements (CN 6 extraction)	6	12/3/2020	1/7/2021	\$600,000	\$600,000
11	1st Street Viaduct Spall and Repair	5	12/31/2020	1/12/2021	\$706,673	\$706,673
12	Increase Quantities for Bid Items 3 & 4 on Schedule B	5	01/05/21	1/14/2021	\$804,800	\$804,800

. DESIGN DID E	None None				
. PROFESSIONAL SERVICES CONTRACTS -CONTRACT NO. AE66758000 T.Y.LIN INTERNATIONAL					
	None				

CN/CO/MOD#	DESCRIPTION	Change Type	Rough Orde Magnitude
10	Temporary cleaning of platform transfer of scope from C1193 to C1136 (existing electrical testing requirements & LADWP P Drawing	5	Between \$5M ar
14	Install Track connection for PLE1 CWR Transport	5	Between \$500k a
19	Construction of Advanced Ductbanks and Manholes(CN 6 Extraction)	6	Between \$5M an
ESIGN BID BUILD	CONTRACT NO. C1184 - C3M		
	None		
ROFESSIONAL SER	VICES CONTRACTS- CONTRACT NO.AE66758000 T.Y.LIN INTERNATIONAL		
CN 21	Additional Scope of Design Services	5	Between \$5M and :

# METRO CENTER PROJECT (FORMERLY ESOC)

- CONTRACT NO. C1169 - S.J. AMOROSO CONSTRUCTION CO., LLC.  DESCRIPTION	Change Tone				
				1	<del> </del>
(if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
one					
CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc					
othing to Report this Period.					
CONTRACTS					
ne CWO is in support of the Board approved contract for Program Management Support Services (MSS). The services are required to supplement Metro's Configuration Management/Program lanagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the mely project delivery and resolution of Change Orders, project issues, and to provide project dministrative and management support.	5	12/28/2020	1/12/2021	\$ 603,661	\$ 603,66
of CO ne Na na	CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc thing to Report this Period.  DNTRACTS  CWO is in support of the Board approved contract for Program Management Support Services ASS). The services are required to supplement Metro's Configuration Management/Program nagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the ely project delivery and resolution of Change Orders, project issues, and to provide project	CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc thing to Report this Period.  DNTRACTS  CWO is in support of the Board approved contract for Program Management Support Services ASS). The services are required to supplement Metro's Configuration Management/Program nagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the ely project delivery and resolution of Change Orders, project issues, and to provide project	CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc thing to Report this Period.  DNTRACTS  CWO is in support of the Board approved contract for Program Management Support Services ASS). The services are required to supplement Metro's Configuration Management/Program nagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the ely project delivery and resolution of Change Orders, project issues, and to provide project	CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc thing to Report this Period.  DNTRACTS  CWO is in support of the Board approved contract for Program Management Support Services ASS). The services are required to supplement Metro's Configuration Management/Program nagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the ely project delivery and resolution of Change Orders, project issues, and to provide project	CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc thing to Report this Period.  DNTRACTS  CWO is in support of the Board approved contract for Program Management Support Services ASS). The services are required to supplement Metro's Configuration Management/Program nagement and to provide technical expertise in resolving complex issues. The benefit to Metro is the ely project delivery and resolution of Change Orders, project issues, and to provide project

CHANGE	RACT - CONTRACT NO. C1169 - S.J. AMOROSO CONSTRUCTION CO., LLC.  DESCRIPTION	Change Type	Rough Order of Magnitude Cos
NOTICE/ORDER	#		
	None		
			Between \$1M and \$5M
MOD#10	This MOD is needed for HDR to provide Design Support During Construction services including but not limited to: preparation of concept of operations for the Emergency Operations Center and Security Operations Center; low voltage systems support; design reviews; submittal reviews; answering RFIs, etc.	3	
MOD#10	Emergency Operations Center and Security Operations Center; low voltage systems support; design reviews; submittal reviews; answering RFIs, etc.	3	

# **Metro Blue Line Resignaling Project**

PPROVED MODIFICAT Change Types:	IONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERI	OD (December 1, 2020 -	February 28, 2	(021)		
· /·	2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirement	s 5 - Scope 6 - Value Eng	ineering 7 - Sa	fety		
DESIGN BUILD CONTRAC	T - Contract C1081 Metro Blue Line Resignalling - Mass Electric					
MOD/CHANGE #	<b>DESCRIPTION</b> (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					
PROFESSIONAL SERVICE	S CONTRACTS					
MOD/CHANGE #	<b>DESCRIPTION</b> (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					
CONSTRUCTION MANAG	SEMENT SUPPORT SERVICES CONTRACTS					
	None					

# II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2020 - February 28, 2021)

- 1	A DECICAL DULL D CONTRACT	C	Metro Blue Line Resignalling - Mass Electric
- 1	A. DESIGN BUILD CONTRACT	- Contract C1081	ivietro biue Line Resignalling - Iviass Electric

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
Updated CN 6.1	Train Control at Florence C&S Bungalow:		
(Replaces CN 6	This is for Modifications on the Train Control Scope to include the installation of the clean agent fire suppression system in the new train control bungalows.		
reported last	Documents affected:	-	2 720 002
quarter)	Scope Modifications to Section 01 11 00 of the Scope of Work, Subsection 1.03.A.3	5	3,729,993

# B) PROFESSIONAL SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
SECOTRANS - Task Order 6 (Mod 5)	Design Support During Construction - Project will issue a Mod 5 for approximately 825,000. Mod 4 was no cost extension. Mod 5 was issued for only 464K	5	825,000
	Design Support During Construction - Project thought it would issue a Mod 7 for approximately 500,000. Mod 6 was no cost extension. Mod 7 was issued for only 449K	5	825,000

C) CONSTRUCTION	MANAGEMENT	SUPPORT SERVICES	CONTRACTS

0143	INOCITOR MANAG	EMERT SOLI ORI SERVICES CONTRACTS			
	CHANGE	DESCRIPTION	Change Type	Rough Order of Magnitude Cost	
	NOTICE/ORDER #				
		None			

# Willowbrook/Rosa Parks Improvements Project

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2020 - February 28, 2021)

**Change Types:** 

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

MOD/CHANGE #	<b>DESCRIPTION</b> (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	Mezzanine Finishes — Bulletin 11 and RFI 470.1  Perform work on Mezzanine as per the RFI response and Bulletin 11	5	1/3/2020	6/4/2020	\$ 533,274	\$ 723,5:
(CO 67 and 67.1)	Bulletin 28 and Bulletin 28.1– Add Gross Solids Removal Device (GSRD) & Cistern  The design drawings have been revised to include a second Gross Solids Removal Device (GSRD) and Cistern at the north end of the project site.	5	N/A	2/11/2021	\$ 1,126,337	\$ 916,32
(CO 31 and 31.1)	Power Quality Study for AP1 and AP3, and Replace Distribution Board at P1B The Contractor is to perform a Power Quality Study for main distribution panels AP1 and AP3 in the TPSS room and replace the distribution board for panels P1B in electrical room E002.	5	N/A	2/26/2021	\$ 808,532	\$ 802,22

B) PROF	ESSIONAL SERVICES	CONTRACTS			
		None			

B) THIRD	PARTY AGREEME	NTS					
	CHANGE	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's Proposed	Rough Order of Magnitude Cost
	NOTICE/ORDER #			Date		Amount	
		None					

CHANGE	DESCRIPTION	Change Type	Rough Order of Magnitude Cos
NOTICE/ORDER #			
	Update Specifications RFC1 / RFC 3 / Bulletin 3		
CN 21	In conformance with the documents in the architect's Bulletin 3 dated June 6, 2019, the Contractor shall proceed with the changes in the construction of a new Customer Service and Security Building, Mobility Hub, pedestrian promenade, outdoor plaza, Blue Line platform and mezzanine extension, and renovation of two existing Green Line elevators. The revised package includes revisions to various sections in the Drawing package and Technical Specifications, including structural, civil-site, architectural, signage, electrical, and plumbing.	5	\$ 1,850,00
OFESSIONAL SERVICE	S CONTRACTS  DESCRIPTION	Change Type	Rough Order of Magnitude Co
NOTICE/ORDER #			
NO LICE/ORDER #			
HO HEL/ONDER #	Design Support During Construction		
,			
·	Design Support During Construction  GEMENT SUPPORT SERVICES CONTRACTS  DESCRIPTION	Change Type	Rough Order of Magnitude Co:
ONSTRUCTION MANA CHANGE	GEMENT SUPPORT SERVICES CONTRACTS	Change Type	Rough Order of Magnitude Co
ONSTRUCTION MANA CHANGE NOTICE/ORDER#	GEMENT SUPPORT SERVICES CONTRACTS  DESCRIPTION  None	Change Type	Rough Order of Magnitude Co
ONSTRUCTION MANA CHANGE NOTICE/ORDER#	GEMENT SUPPORT SERVICES CONTRACTS  DESCRIPTION  None		
ONSTRUCTION MANA CHANGE NOTICE/ORDER#	GEMENT SUPPORT SERVICES CONTRACTS  DESCRIPTION  None	Change Type  Change Type	Rough Order of Magnitude Co