

Office of School Facilities
Jaime G. Torrens, Chief Facilities Officer

SUBJECT: CHANGE ORDER CONFIRMATION OR APPROVAL

COMMITTEE: FACILITIES AND CONSTRUCTION

LINK TO STRATEGIC BLUEPRINT: EFFECTIVE AND SUSTAINABLE BUSINESS PRACTICES

This request for changes to the construction contract includes items for the School Board's confirmation. Attachment A represents a summary of the change items, the cause for each change, the increase or decrease to the contract, time extensions or reductions, and the action recommended to the Board. Attachments B-1 through B-7 represent the effect these changes will have on the individual project contract. These items are presented to the Board for confirmation as required by State Statute.

These items have been recommended by the Project Architect and were confirmed by the Technical Review Committee on April 10, 2019. They were found to be necessary, fair, and equitable.

The Project Architect will not receive additional fees for the items that resulted from errors and omissions in the design phase of these projects. This factor will become part of the evaluation of this firm for consideration of future work with this school system. The District will pursue recovery of costs from the Project Architect as called for in the contract.

RECOMMENDED:

That The School Board of Miami-Dade County, Florida, confirm or approve:

- B-1. Change Order Number 10 on Project Number 01339200, General Obligation Bond funded partial replacement/renovations, Cutler Bay Middle School for an additional cost of \$22,092.12.
- B-2. Final Change Order, Change Order Number 1 on Project Number 01433700, General Obligation Bond funded renovation Project, Henry H. Filer Middle School for a credit of \$107,915.58 and a time extension of 7 days.
- B-3. Change Order Number 1 on Project Number 01433800, General Obligation Bond funded renovation Project, Henry M. Flagler Elementary School for a credit of \$83,422.00.
- B-4. Final Change Order, Change Order Number 6 on Project Number 01534700, General Obligation Bond New K-8 Center School, Kendall Square K-8 Center for a no-cost time extension of 96 days.
- B-5. Change Order Number 2 on Project Number 01434800, General Obligation Bond funded replacement, renovation Project, Meadowlane Elementary School for a credit of \$146,440.30.
- B-6. Change Order Number 2 on Project Number 01509506, General Obligation Bond funded pull out to expedite black Box theatre, PE & Dining shelter, Parking, Norland Middle School for an additional cost of \$108,508.34.
- B-7. Change Order Number 5 on Project Number 01439400, General Obligation Bond funded addition, Ruth K Broad/Bay Harbor K-8 Center for an additional cost of \$2,517.18.

JCA:jb



Office of Superintendent of Schools

Board Meeting of May 8, 2019

OFFICE OF SCHOOL FACILITIES

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ATTACHMENT A

4/18/2019 11:02:30 AM

COMMITTEE: FACILITIES AND CONSTRUCTION

LINK TO STRATEGIC BLUEPRINT: EFFECTIVE AND SUSTAINABLE BUSINESS PRACTICES

Facility	CO#	Project Description	Project No.	Item	Action Req	Staff Auth.	ARG Appvd.	Type	Cause	Adjustment		Days		Description
										Requested	Authorized	Req.	Auth.	
B - 1 Cutler Bay MS	10	General Obligation Bond funded partial Replacement/Renovations	01339200	1	C	3/18/2019	4/5/2019	OM	AO	\$11,995.85	\$9,667.11	0	0	Contractor provided labor, material, and equipment to replace the specified VCT flooring for carpet at I-prep Classroom #3314.
				2	C	3/18/2019	4/5/2019	OW	OR	\$1,912.50	\$1,459.00	0	0	Contractor provided labor, material, and equipment to unclog and clean restroom at 1st, 2nd and 3rd floor at building #3 due to actions beyond the contractors responsibility.
				3	C	3/4/2019	4/5/2019	ER	EEO	\$7,237.22	\$6,820.20	0	0	Contractor provided labor, material, and equipment to install conduit and junction boxes for (6) additional wireless access points (WAP) at Building 1 as required by the design criteria.
				4	C	3/18/2019	4/5/2019	OM	MEO	\$1,633.62	\$931.50	0	0	Contractor provided labor, material, and equipment to build a new concrete slab and to encase in concrete the underground gas piping at the meter as required by gas company.



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										Requested	Authorized	Req.	Auth.	
B - 1 Cutler Bay MS	10	General Obligation Bond funded partial Replacement/Renovations	01339200	5	C	3/18/2019	4/5/2019	ER	MEE	\$4,029.37	\$3,214.31	0	0	Contractor provided labor, material, and equipment to relocate a fresh air intake wall louver to an existing rooftop opening at Building #4. Contract documents indicate louver to be installed on wall facing the parking lot; however BCC inspector advised that this location did not meet code.
B - 2 Final Change Order Henry H. Filer MS	1 Final	GOB funded Renovation Project	01433700	1	C	3/25/2019	4/5/2019	OW	OR	(\$2,550.00)	(\$2,550.00)	0	0	Credit for the unused contract allowance amount.
				2	C	3/25/2019	4/5/2019	OW	OR	(\$255.00)	(\$255.00)	0	0	Construction Manager to provide credit for CM Fee on contract allowance.
				3	A	3/25/2019	4/5/2019	OW	OR	\$0.00	\$0.00	7	7	This is a non-compensable time extension due to impact of Hurricane Irma.
				4	C	4/5/2019	4/5/2019	OW	OR	(\$5,825.33)	(\$5,825.33)	0	0	Construction Manager to provide credit for unused library shelving. This scope will be added to a project currently in design that affects this area.
				5	C	3/25/2019	4/5/2019	OW	OR	(\$99,285.25)	(\$99,285.25)	0	0	Credit for the unused contract contingency amount.
B - 3 Henry M. Flagler ES	1	GOB funded Renovation Project	01433800	1	A	3/19/2019	4/5/2019	OW	OR	(\$83,422.00)	(\$83,422.00)	0	0	Credit for the unused contract contingency amount.



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LINK TO STRATEGIC BLUEPRINT: EFFECTIVE AND SUSTAINABLE BUSINESS PRACTICES

Facility	CO#	Project Description	Project No.	Item	Action Req	Staff Auth.	ARG Appvd.	Type	Cause	Adjustment		Days		Description
										Requested	Authorized	Req.	Auth.	
B - 4 Final Change Order Kendall Square K-8 Center	6 Final	General Obligation Bond New K-8 Center School, located at S.W. 167 Avenue and S.W 95 Street, Miami, Florida 33196 - A new K-8 Center (Phase-1) with 600 Student Stations	01534700	1	A	4/2/2019	4/10/2019	UN	UD	\$0.00	\$0.00	96	96	This is a non-compensable time extension due to Florida Power and Light delaying the energization of the building.
B - 5 Meadowlane ES	2	General Obligation Bond funded replacement, renovation project	01434800	1	C	3/1/2019	4/5/2019	OW	OR	(\$3,717.31)	(\$5,000.00)	0	0	Construction Manager to provide credit for the removal of contract scope of work related to AHU 18-1. This work will be performed under a separate project.
				2	A	3/6/2019	4/5/2019	OW	OR	(\$141,440.30)	(\$141,440.30)	0	0	Credit for the unused contract contingency amount.
B - 6 Norland MS	2	Pull Out to expedite Black Box theatre, PE & dining shelter, parking	01509506	1	C	4/5/2019	4/5/2019	OM	AO	\$13,090.00	\$11,506.14	0	0	Contractor to provide labor, material and equipment for revised door hardware items not included in original contract documents.
				2	C	4/5/2019	4/5/2019	UN	UC	\$10,476.58	\$7,786.20	0	0	Contractor to provide labor, material and equipment to install 68 L.F. of 15" diameter high density polypropylene HDPE solid drainage pipe and to remove/restore an existing 4" concrete sidewalk. This work was due to inaccurate as built drawings of the area.



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Facility	CO#	Project Description	Project No.	Item	Action Req	Staff Auth.	ARG Appvd.	Type	Cause	Adjustment		Days		Description
										Requested	Authorized	Req.	Auth.	
B - 6 Norland MS	2	Pull Out to expedite Black Box theatre, PE & dining shelter, parking	01509506	3	A	4/10/2019	4/5/2019	ER	EEE	\$89,216.00	\$89,216.00	0	0	Contractor to provide material and equipment to complete theatre lighting package scope.
B - 7 Ruth K Broad/Bay Harbor K-8 Center	5	General Obligation Bond funded addition	01439400	1	C	7/30/2018	4/5/2019	OT	SR	\$7,916.29	\$2,517.18	0	0	Contractor to provide labor, material and equipment to pour concrete slurry over underground electrical conduits as required by the building code inspector.



SUMMARY OF CHANGE ORDER

CHANGE ORDER NUMBER. : 10

Facility: 6111 Cutler Bay MS

Project Number: 01339200 General Obligation Bond funded partial Replacement/Renovations

Architect: Laura M Perez & Associates Inc

EFCO:

Contractor: Link Construction Group Inc

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$10,152,800.00
PREVIOUS EXTRAS	\$451,368.98
PREVIOUS CREDITS	(\$8,765.32)
PREVIOUS APPROVED NET CHANGE	\$442,603.66
PREVIOUS APPROVED CONTRACT PRICE	\$10,595,403.66
THIS CHANGE	\$22,092.12
TOTAL NET CHANGE	\$464,695.78
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$10,617,495.78

CONTRACT STATUS	
CONTRACT AWARD DATE	May 24, 2017
ORIGINAL CONTRACT COMPLETION DATE	November 19, 2018
PREVIOUS TIME EXTENSION	23
PREVIOUS ADJUSTED COMPLETION DATE	December 12, 2018
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	December 12, 2018
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$32,011.61	0.32 %	0
OMISSIONS	\$117,763.60	1.16 %	0
OWNER REQUESTS	\$3,955.02	0.04 %	0
UNFORSEEN	\$105,507.45	1.04 %	23
OTHER	\$17,352.14	0.17 %	0
SCOPE CHANGE	\$188,105.96	1.85 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	\$464,695.78	4.58 %	23



SUMMARY OF CHANGE ORDER

FINAL CHANGE ORDER NUMBER. : 1		
Facility:	6171	Henry H. Filer MS
Project Number:	01433700	GOB funded Renovation Project
Architect:	Laura M Perez & Assoc Inc	
EFCO:		
Contractor:	Stobs Brothers Construction Co	

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$2,210,882.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$2,210,882.00
THIS CHANGE	(\$107,915.58)
TOTAL NET CHANGE	(\$107,915.58)
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$2,102,966.42

CONTRACT STATUS	
CONTRACT AWARD DATE	November 23, 2016
ORIGINAL CONTRACT COMPLETION DATE	December 22, 2017
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	December 22, 2017
TIME EXTENSION THIS CHANGE	7
ADJ. COMPLETION DATE AFTER THIS CHANGE	December 29, 2017
SUBSTANTIAL COMPLETION DATE	December 29, 2017

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$0.00	0.00 %	0
OWNER REQUESTS	(\$107,915.58)	-4.88 %	7
UNFORSEEN	\$0.00	0.00 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	(\$107,915.58)	-4.88 %	7



SUMMARY OF CHANGE ORDER

CHANGE ORDER NUMBER. : 1

Facility: 1881 Henry M. Flagler ES

Project Number: 01433800 GOB funded Renovation Project

Architect: Kvh Architects P.A.

EFCO:

Contractor: Unitech Builders Corp

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$2,850,319.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$0.00
PREVIOUS APPROVED CONTRACT PRICE	\$2,850,319.00
THIS CHANGE	(\$83,422.00)
TOTAL NET CHANGE	(\$83,422.00)
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$2,766,897.00

CONTRACT STATUS	
CONTRACT AWARD DATE	August 10, 2016
ORIGINAL CONTRACT COMPLETION DATE	November 13, 2017
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	November 13, 2017
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	November 13, 2017
SUBSTANTIAL COMPLETION DATE	November 08, 2017

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$0.00	0.00 %	0
OWNER REQUESTS	(\$83,422.00)	-2.93 %	0
UNFORSEEN	\$0.00	0.00 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	(\$83,422.00)	-2.93 %	0



SUMMARY OF CHANGE ORDER

FINAL CHANGE ORDER NUMBER. : 6		
Facility:	3031	Kendall Square K-8 Center
Project Number:	01534700	General Obligation Bond New K-8 Center School, located at S.W. 167 Avenue and S.W 95 Street, Miami, Florida 33196 - A new K-8 Center (Phase-1) with 600 Student Stations
Architect:	Zyscovich Inc	
EFCO:		
Contractor:	Link Construction Group Inc	

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$11,802,140.00
PREVIOUS EXTRAS	\$52,282.84
PREVIOUS CREDITS	(\$60,820.38)
PREVIOUS APPROVED NET CHANGE	(\$8,537.54)
PREVIOUS APPROVED CONTRACT PRICE	\$11,793,602.46
THIS CHANGE	\$0.00
TOTAL NET CHANGE	(\$8,537.54)
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$11,793,602.46

CONTRACT STATUS	
CONTRACT AWARD DATE	September 06, 2017
ORIGINAL CONTRACT COMPLETION DATE	August 03, 2018
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	August 03, 2018
TIME EXTENSION THIS CHANGE	96
ADJ. COMPLETION DATE AFTER THIS CHANGE	November 07, 2018
SUBSTANTIAL COMPLETION DATE	December 19, 2018

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$10,177.76	0.09 %	0
OWNER REQUESTS	\$0.00	0.00 %	0
UNFORSEEN	\$4,833.45	0.04 %	96
OTHER	\$22,547.10	0.19 %	0
SCOPE CHANGE	(\$46,095.85)	-0.39 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	(\$8,537.54)	-0.07 %	96



SUMMARY OF CHANGE ORDER

CHANGE ORDER NUMBER. : 2		
Facility:	3141	Meadowlane ES
Project Number:	01434800	General Obligation Bond funded replacement, renovation project
Architect:	Saltz Michelson ARCHITECTS, INC.	
EFCO:		
Contractor:	Link Construction Group Inc	

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$4,823,153.00
PREVIOUS EXTRAS	\$0.00
PREVIOUS CREDITS	(\$8,393.00)
PREVIOUS APPROVED NET CHANGE	(\$8,393.00)
PREVIOUS APPROVED CONTRACT PRICE	\$4,814,760.00
THIS CHANGE	(\$146,440.30)
TOTAL NET CHANGE	(\$154,833.30)
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$4,668,319.70

CONTRACT STATUS	
CONTRACT AWARD DATE	August 09, 2017
ORIGINAL CONTRACT COMPLETION DATE	September 26, 2018
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	September 26, 2018
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	September 26, 2018
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$0.00	0.00 %	0
OWNER REQUESTS	(\$149,833.30)	-3.11 %	0
UNFORSEEN	\$0.00	0.00 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	(\$5,000.00)	-0.10 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	(\$154,833.30)	-3.21 %	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NUMBER. : 2

Facility: 6571 Norland MS

Project 01509506 Pull Out to expedite Black Box theatre, PE & dining
Number: shelter, parking

Architect: WOLFBERG/ALVAREZ & Partners

EFCO:

Contractor: E.L.C.I. Construction Group INC.

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$3,173,456.26
PREVIOUS EXTRAS	\$5,200.00
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$5,200.00
PREVIOUS APPROVED CONTRACT PRICE	\$3,178,656.26
THIS CHANGE	\$108,508.34
TOTAL NET CHANGE	\$113,708.34
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$3,287,164.60

CONTRACT STATUS	
CONTRACT AWARD DATE	July 25, 2018
ORIGINAL CONTRACT COMPLETION DATE	April 11, 2019
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	April 11, 2019
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	April 11, 2019
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$89,216.00	2.81 %	0
OMISSIONS	\$16,706.14	0.53 %	0
OWNER REQUESTS	\$0.00	0.00 %	0
UNFORSEEN	\$7,786.20	0.25 %	0
OTHER	\$0.00	0.00 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	\$113,708.34	3.58 %	0



SUMMARY OF CHANGE ORDER

CHANGE ORDER NUMBER. : 5
Facility: 0241 Ruth K Broad/Bay Harbor K-8 Center
Project Number: 01439400 General Obligation Bond funded addition
Architect: Gurri Matute Pa
EFCO:
Contractor: Link Construction Group Inc

CONTRACT STATUS	
ORIGINAL CONTRACT PRICE	\$6,743,285.00
PREVIOUS EXTRAS	\$164,697.40
PREVIOUS CREDITS	\$0.00
PREVIOUS APPROVED NET CHANGE	\$164,697.40
PREVIOUS APPROVED CONTRACT PRICE	\$6,907,982.40
THIS CHANGE	\$2,517.18
TOTAL NET CHANGE	\$167,214.58
CREDIT TO CONTINGENCY	\$0.00
CREDIT TO ALLOWANCE	\$0.00
ADJ. CONTRACT PRICE AFTER THIS CHANGE	\$6,910,499.58

CONTRACT STATUS	
CONTRACT AWARD DATE	March 21, 2018
ORIGINAL CONTRACT COMPLETION DATE	June 14, 2019
PREVIOUS TIME EXTENSION	0
PREVIOUS ADJUSTED COMPLETION DATE	June 14, 2019
TIME EXTENSION THIS CHANGE	0
ADJ. COMPLETION DATE AFTER THIS CHANGE	June 14, 2019
SUBSTANTIAL COMPLETION DATE	N/A

CHANGE CAUSE SUMMARY:			
(Totals Including This Change Order. Errors + 15% Omissions threshold = 0 %)			
<u>TYPE</u>	<u>AMOUNT</u>	<u>Percentage</u>	<u>DAYS</u>
ERRORS	\$0.00	0.00 %	0
OMISSIONS	\$3,446.46	0.05 %	0
OWNER REQUESTS	\$0.00	0.00 %	0
UNFORSEEN	\$160,238.93	2.38 %	0
OTHER	\$3,529.19	0.05 %	0
SCOPE CHANGE	\$0.00	0.00 %	0
HURRICANE	\$0.00	0.00 %	0
Totals	\$167,214.58	2.48 %	0

LEGEND:

ORIGIN:

A-- A/E
AM-- Asbestos Mgmt.
CM-- Construction Manager
DS-- Design Services (Group)
E-- Educational Fac. Plan.
P-- Project Manager
D-- MDCPS Specialists/Depts.
DB-- Design Builder
C-- Contractor
S-- State DOE
M-- Maintenance Dept.
U-- User (Principal/Admin)
I-- UBCI

ACTION:

A-- Approve
C-- Confirm Staff/TRC Authorize
C/A-- Confirm/Approve Authorize

TYPE:

ER-- PA/E Error
HC-- Hurricane
OM-- P/A Omission
OT-- Other
OW-- Owner Request
SC-- Scope Change
UN-- Unforeseen

CAUSE:

AE-- Architectural Error
AO-- Architectural Omission
CC-- Criteria Change
CD-- Contractor Default
CE-- Contractor Error
CEE-- Civil Engineering Error
CEO-- Civil Engineering Omission
CL-- Clerical Error
CME-- Construction Manager Error
CMO-- Construction Manager Omission
CR-- Contractor Request
DBD-- Design Builder Default
DBE-- Design Builder Error
DBO-- Design Builder Omission

DBR-- Design Builder Request
EEE-- Electrical Engineering Error
EEO-- Electrical Engineering Omission
FE-- Fastrack/Coord. Error
FO-- Fastrack/Coord. Omission
ID-- Inspection Delay
MD-- Manufacturer Delay
MEE-- Mechanical Engineering Error
MEO-- Mechanical Engineering Omission
OD-- Owner Delay
OO-- Owner Omission
OR-- Owner Request
RA-- Reinstate Alternate
RD-- Rain Delay
SC-- Scope Change
SEE-- Structural Engineering Error
SEO-- Structural Engineering Omission
SR-- State/Local/City Requirement
UC-- Unforeseen Conditions
UD-- Utility Co. Delay
UP-- Unit Price
UR-- Utility Requirement