



Ad Hoc Committee Agenda Item #:	III A Action Item
Date:	December 15, 2019
To:	Magnolia Educational & Research Foundation dba Magnolia Public Schools (“ MPS ”) Ad Hoc Committee (the “ Committee ”)
From:	Alfredo Rubalcava, CEO & Superintendent
Staff Lead:	Patrick Ontiveros, General Counsel & Director of Facilities
RE:	MSA-8 Prop 39 LED Lighting Retrofit Change Orders

I. Proposed Recommendation(s)

Staff recommends and moves that the Ad Hoc Committee approve the change orders attached as Exhibit A and Exhibit B for the LED lighting retrofit project at Magnolia Science Academy-8 located at 6411 Orchard Ave in the City of Bell.

II. Background

A. General

MPS applied for and received grants for its schools under Prop 39, a state program providing funding to local educational agencies for improving energy efficiency and creating clean energy jobs. MPS received \$193,478.36 under the Prop 39 program for an LED lighting retrofit project at MSA-8.

MSA-8 is co-located on a Los Angeles Unified School District (“**LAUSD**”) owned campus and operates under a long term use agreement called a Public School Choice Facilities Agreement. As such, MPS is required to seek approvals to perform any facility upgrades, including the proposed LED lighting retrofit project to be paid for with Prop 39 funds.

B. Prior Authorizations

The LED lighting retrofit project will be completed by Vector Energy Group (“**Vector**”) pursuant to a contract dated as of June 4, 2019 by and between MPS and Vector (the “**Contract**”). The Contract between Vector and MPS was approved at the June 24, 2019 at a special meeting of Ad-Hoc (Facility) Committee.



C. Current Authorization

At the November 14, 2019 Meeting of the Board of Directors of MPS (the "**Board**"), the Board granted to the Ad Hoc Committee the authority to approve change order requests for Proposition 39 (Clean Energy Jobs Act) ("**Prop 39**") funded projects at MPS schools.

D. Change Order Requests 1 and 2

The original contract between Vector and MPS for the HVAC Project was for approximately \$74,812.16. Change Order Request 1 is for a total of \$100,155.84 and changes the scope of work "to include brand new lighting fixtures instead of lamp replacement." Change Order Request 2 is for a total of \$18,667.00 and the scope of work is to "Replace Ballast Bypass (Direct Wire) Lamps with Lamp and Driver". Change Order Request 2 is necessary to meet LAUSD requirements.

The total project cost will use the full amount of the Prop 39 grant for a LED lighting retrofit. A total of \$193,478.36 was allocated for the Project. The total cost of the contract including Change Order Requests 1 and 2 is \$193,635, \$156.64 more than the award. MPS Staff will request that the total contract amount not exceed the award amount.

III. Budget Impacts

With the exception of \$156.64, the entirety of the MSA-8 LED lighting retrofit project will be paid from Prop 39 funds. MPS Staff will endeavor to have the \$156.64 removed from the cost. Any Prop 39 amounts not used must be returned by MPS to the State.



Exhibit A

Change Order Request 1



CHANGE ORDER REQUEST

Date:	11-4-19	Change Order #:	1
To:	Magnolia Science Academy 8	Change Order Amount:	\$100,155.84
Company:	Magnolia Public Schools	Project Name:	MSA 8 Lighting Retrofit
Address:	6411 Orchard Ave	Project Number:	
	Bell, CA 90201	Original Quote#:	

CHANGE ORDER DESCRIPTION:

1. Change scope of work to include brand new lighting fixtures instead of lamp replacement
Please see Exhibit 1 for a detailed list of new scope including fixtures

2. Due to the change in scope to include more costly new fixtures, we are requesting your approval of a change in payment terms to 50% upon delivery of the materials, with the remaining 50% due at the termination of the project.

CHANGE ORDER BREAKDOWN:

Change Order Amount	\$100,155.84
Previous Adds or (Credits):	
Original Contract Amount:	\$74,812.16
Revised contract amount :	\$174,968.00

Submitted By:

Signature

AL GANCMAN

11/4/19

Printed Name

Date

Accepted By:

Signature

Printed Name

Date

EXHIBIT 1

MSA 8										
Item	BUILDING	FLOOR	INT/EXT	Space Name	Existing	VECTOR RETROFIT	Fixtures	Lamp	Units	Units
								Count	Before	After
1	Main Bldg.	1	INTERIOR	Room E102	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	2	6	6
2	Main Bldg.	1	INTERIOR	Room E102	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
3	Main Bldg.	1	INTERIOR	Room E113	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
4	Main Bldg.	1	INTERIOR	Room E113	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
5	Main Bldg.	1	INTERIOR	Boys RR	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
6	Main Bldg.	1	INTERIOR	Room E128 (Custodian)	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
7	Main Bldg.	1	INTERIOR	Girls RR	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
8	Main Bldg.	1	INTERIOR	Room E116 Supply	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
9	Main Bldg.	1	INTERIOR	Room E125	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	5	2	5	5
10	Main Bldg.	1	INTERIOR	Room E125	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
11	Main Bldg.	1	INTERIOR	Room E125	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
12	Main Bldg.	1	INTERIOR	Room E125	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
13	Main Bldg.	1	INTERIOR	Room E125	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	1	2	1	1
14	Main Bldg.	1	INTERIOR	Room E123	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	1	2	1	1
15	Main Bldg.	1	INTERIOR	Room E122	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	12	2	12	12
16	Main Bldg.	1	INTERIOR	Room D102	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
17	Main Bldg.	1	INTERIOR	Room D106	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
18	Main Bldg.	1	INTERIOR	Room D106	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
19	Main Bldg.	1	INTERIOR	Room D107	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
20	Main Bldg.	1	INTERIOR	Room D107	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
21	Main Bldg.	1	INTERIOR	Room D108	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
22	Main Bldg.	1	INTERIOR	Room D108	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
23	Main Bldg.	1	INTERIOR	Room D109	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
24	Main Bldg.	1	INTERIOR	Room D109	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
25	Main Bldg.	1	INTERIOR	Room D101 IDF	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
26	Main Bldg.	1	INTERIOR	Room E107	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	15	2	30	30
27	Main Bldg.	1	INTERIOR	Room E108	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	4	2	4	4
28	Main Bldg.	1	INTERIOR	Room E106	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
29	Main Bldg.	1	INTERIOR	Room E107	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
30	Main Bldg.	1	INTERIOR	Room E109	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
31	Main Bldg.	1	INTERIOR	Room E109	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
32	Main Bldg.	1	INTERIOR	Room E105	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	2	6	6
33	Main Bldg.	1	INTERIOR	Room E105	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	16	2	32	32
34	Main Bldg.	1	INTERIOR	Room E106	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	15	2	30	30
35	Main Bldg.	1	INTERIOR	Room E104	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
36	Main Bldg.	1	INTERIOR	Room E104	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	16	2	32	32
37	Main Bldg.	1	INTERIOR	Room E103	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
38	Main Bldg.	1	INTERIOR	Room E103	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
39	Main Bldg.	1	INTERIOR	Room E101	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
40	Main Bldg.	1	INTERIOR	Room E101	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
41	Main Bldg.	1	INTERIOR	Room D114	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
42	Main Bldg.	1	INTERIOR	Room D114	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
43	Main Bldg.	1	INTERIOR	Room D114	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
44	Main Bldg.	1	INTERIOR	Room D113	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
45	Main Bldg.	1	INTERIOR	Room D113	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
46	Main Bldg.	1	INTERIOR	Room D112	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
47	Main Bldg.	1	INTERIOR	Room D112	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
48	Main Bldg.	1	INTERIOR	Room D111	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
49	Main Bldg.	1	INTERIOR	Room D111	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
50	Main Bldg.	1	INTERIOR	Room D110	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	10	2	20	20
51	Main Bldg.	1	INTERIOR	Room D110	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	1	3	3
52	Main Bldg.	1	INTERIOR	Hallway	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	31	2	31	31
53	Main Bldg.	1	INTERIOR	Room E125	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
54	Main Bldg.	1	INTERIOR	Room E125	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
55	Building C	1	INTERIOR	Kitchen Electrical A111	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
56	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	46	2	46	46
57	Building C	1	INTERIOR	Kitchen Office	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
58	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
59	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4

EXHIBIT 1

MSA 8										
Item	BUILDING	FLOOR	INT/EXT	Space Name	Existing	VECTOR RETROFIT	Fixtures	Lamp Count	Units Before	Units After
1	Main Bldg.	1	INTERIOR	Room E102	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	2	6	6
60	Building C	1	INTERIOR	Cafeteria	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	3	2	3	3
61	Building C	1	INTERIOR	Cafeteria	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	28	2	28	28
62	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
63	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	3	2	6	6
64	Building C	1	INTERIOR	Kitchen	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
65	Building C	1	INTERIOR	Boys Locker Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	22	2	44	44
66	Building C	1	INTERIOR	Boys Locker Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
67	Building C	1	INTERIOR	Girls Locker Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
68	Building C	1	INTERIOR	Boys Locker Room	T5 2 Lamp	hubbell law4	5	1	5	5
69	Building C	1	INTERIOR	Girls Locker Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	22	2	44	44
70	Building C	1	INTERIOR	Girls Locker Room	T5 2 Lamp	hubbell law4	5	1	5	5
71	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
72	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
73	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
74	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
75	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	3	2	3	3
76	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	4	2	8	8
77	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	2	4	4
78	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	24	2	48	48
79	Building C	1	INTERIOR	MPR Room	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
80	Building C	1	INTERIOR	Parent Center	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	6	2	6	6
81	Building C	2	INTERIOR	Room C203	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	18	2	36	36
82	Building C	2	INTERIOR	Classroom + Parent Center + Library	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	21	1	21	21
83	Building C	2	INTERIOR	Room C203	T8 1 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	2	1	2	2
84	Building C	2	INTERIOR	Room C208	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	53	2	106	106
85	Building C	2	INTERIOR	Room C208	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	12	2	12	12
86	Building C	2	INTERIOR	Room C208	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
87	Building C	2	INTERIOR	Room C208	T8 2 Lamp	HUBBELL RLA24-40-HL-GEU	1	2	1	1
88	Building C	2	INTERIOR	Room C208	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
89	Building C	2	INTERIOR	Room C208	T5 2 Lamp	HUBBELL RLA24-40-HL-GEU	2	2	2	2
90	Building C	1	INTERIOR	MPR Room	Incandescent	GREEN CREATIVE 18.5 A21	52	1	52	52
91	Main Bldg.	1	INTERIOR	Room E130 (storage_	T8 2 Lamp	12T8/PER/48-840/BB18/G10/1FB BYPASS	1	2	2	2
92	None	None	EXTERIOR	Field	6 HID lamps	PHILIPS 150HB/LED/740/ND WB DL BB 2/1	6	7	42	42
93	None	None	EXTERIOR	Around Perimeter of Field	HID	PHILIPS 75HB/LED/840/ND FB 4/1	24	2	48	48
94	None	None	EXTERIOR	Handball Court	HID	PHILIPS 75HB/LED/840/ND FB 4/1	4	2	8	8
95	Main Bldg.	1 and 2	EXTERIOR	Exterior of Building	CFL	HUBBELL LNC2	46	1	46	46
96	Main Bldg.	1 and 2	EXTERIOR	Exterior of Building	CFL	Luminaire LED FFW1212-X-4000K	7	1	7	7
97	Main Bldg.	1 and 2	EXTERIOR	Exterior of Building	CFL	Luminaire LED FFW1212-X-4000K	6	1	6	6

766 1,199 1,199



Exhibit B

Change Order Request 2



CHANGE ORDER REQUEST

Date:	12-11-19	Change Order #:	2
To:	Magnolia Science Academy 8	Change Order Amount:	\$18,667
Company:	Magnolia Public Schools	Project Name:	MSA 8 Lighting Retrofit
Address:	6411 Orchard Ave	Project Number:	
	Bell, CA 90201	Original Quote#:	

CHANGE ORDER DESCRIPTION:

1. Change scope of work to replace Ballast Bypass (Direct Wire) Lamps with Lamp and Driver
 Lamp Model Number Phillips T8LED/48-4000 IF 1PK 10/1
 Driver Model Number Advance ICN-4P16-TLED-N

CHANGE ORDER BREAKDOWN:

Change Order Amount	\$18,667.00
Previous Adds or (Credits):	\$100,155.84
Original Contract Amount:	\$74,812.16
Revised contract amount :	\$193,635.00

Submitted By:

Signature

AL GANCMAN

12/11/19

Printed Name

Date

Accepted By:

Signature

Printed Name

Date