



Facility Committee Agenda Item #:	II.D- Action Item
Date:	April 12, 2018
To:	Magnolia Board of Directors
From:	Caprice Young, Ed.D., CEO & Superintendent
Staff Lead:	Patrick Ontiveros, General Counsel & Director of Facilities
RE:	Project Change Order Requests for MSA – Santa Ana

Proposed Committee Recommendation(s)

Staff recommends that Board of Directors approve MPS agreeing to potential change order 11 (“PCO 11”) (“furnish & install power & switch for basketball backboards”) from general contractor RC Construction and signing the corresponding change orders upon receipt from RC Construction Services Inc. The total cost for PCO 11 has been estimated to be approximately **\$19,210.00**. Gafcon is presently reviewing the cost estimate provided by RC Construction and will negotiate a fair and equitable price based on its own estimate.

Background

Board policy requires that all project change orders be brought to the Board for review and approval. General contractor “RC Construction Services, Inc.” has submitted a change order request. At a prior board meeting Gafcon mentioned that certain change orders would be forthcoming due to certain scope gaps in the drawings. PCO 11 is needed due to information missing from the bid set. Specifically, the electrical engineer failed to provide power to the basketball backboards limiting the utility of the gymnasium for other sporting activities, such as volleyball. No fees will be charged by the design team for making these corrections. These are installation costs that would have been incurred anyway by MPS had the omission not occurred. These are Change Order Requests. The formal change order request will be forthcoming from RC Construction on the prescribed industry form.

Budget Impacts

The Board previously approved the revised project budget for MSA-Santa Ana (\$4,459,380) which included an inter-company/school loan to cover overages above the previously approved project budget (\$3,859,380). This potential change order will be covered by the current budget.

Exhibits (attachments):

1. PCO #11



Exhibit 1

Potential Change Order #11



R.C. CONSTRUCTION SERVICES, INC
 2223 N. LOCUST AVE
 RIALTO CA 92377

Change Order Request

License # 716719

ORDER 11
 ORDER DATE 03/21/2018
 REQUESTED BY

RFI 75 & 78

TO **MAGNOLIA EDUCATIONAL & RESEARCH FOUNDATION**
 250 E. FIRST STREET, STE 1500
 LOS ANGELES CA 90012

PROJECT **275008**
MAGNOLIA GYMNASIUM
 2840 W. FIRST STREET
 SANTA ANA CA 92703

The contractor agrees to perform and the owner agrees to pay for the following changes to this contract

PLANS ATTACHED
 SPECIFICATIONS ATTACHED

Description of Work	Amount
Per RFI 75 & 78 Provide power and key switch for the basketball system	
Circle City Electric	17,513.00
GC Fee @ 7%	1,226.00
Insurance @ 1.5%	281.00
Bond @ 1%	190.00

Negative changes will lower the overall contract price requiring no additional payment by owner.

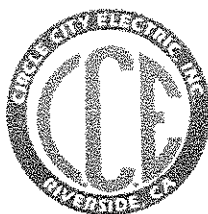
Requested Amount of Change

19,210.00

The original Contract Sum was.....	3,864,000.00
Net change by previous Change Orders	0.00
The Contract Sum prior to this Change Order	3,864,000.00
The Contract Sum will be changed by this Change Order	19,210.00
The new Contract Sum including this Change Order will be.....	3,883,210.00
The Contract Time will be changed by.....	0 Days

Approved _____ Date _____ Date _____

Contractor _____ Owner _____



PROPOSAL

CIRCLE CITY ELECTRIC, INC

18726 Van Buren Blvd, Riverside, CA 92508

(P) 951-789-6872 Ext.108 (F) 951-789-0585 (C) (951) 634-5023

License# 582166 PWCR/DIR # 1000001615

Proposal No. C06-185

Job Name: Magnolia Gym

Attn: RC Construction

Date: March 21, 2018

We propose to provide and install additional electrical for basketball courts per RFI-75 and 78. Switches provided By others.

THIS PROPOSAL EXPIRES 14 DAYS

Cost: 17,513.00

Added Time: None

EXCLUSIONS:

1. ALLOWANCES, ENGINEERING, DESIGN, PLAN CHECK, LICENCES, UTILITY COMPANY CHARGES, FEES & PERMITS
2. CUT, DEMO AND PATCH OF ASPHALT, CONCRETE AND LANDSCAPE, OR ANY STREET WORK.
3. CUT, DEMO AND PATCH OR PAINT OF WALLS FLOORS OR CEILINGS.
4. ROOF PATCH AND REPAIR.
5. POLE BASES AND FORMED CONCRETE.
6. NO ACCLERATED COST ARE INCLUDED IN THIS PROPOSAL
7. PLA, PSA AND CRA OR OTHER UNION AGREEMENTS
8. THIS PROPOSAL CONTAINS PROPRIETARY INFORMATION AND IS CONSIDERED CONFIDENTIAL TO THE RECEPIENT. IT IS SUBMITTED UPON THE EXPRESS CONDITION THAT THE INFORMATION CONTAINED HEREIN WILL NOT BE RELEASED TO COMPETITORS OR OTHERWISE BE USED DIRECTLY, OR INDIRECTLY, IN A WAY DETRIMENTAL TO THE INTREST OF CIRCLE CITY ELECTRIC, INC.
9. VANDALISM, THEFT AND DAMAGE TO ELECTRICAL EQUIPMENT AND MATERIAL STORED ON SITE.

CCE Authorized Signature:

Digitally signed by Ken Benner
DN: cn=Ken Benner, o=Circle City Electric Inc,
ou=Project Manager,
email=ken.benner@circlecityelectric.com, c=US
Date: 2018.03.21 13:16:08 -0700

Date: 21 Mar 2018

Print Name: Ken Benner

NOTE: THIS PROPOSAL WILL ACT AS A PURCHASE ORDER TO COMPLETE THE WORK ABOVE WHEN SIGNED BY BOTH PARTIES.

Acceptance of proposal: The above prices, specifications and conditions are satisfactory and are hereby accepted.
Circle City Electric is authorized to perform the work as specified.

Signature: _____

Date: _____

Print Name: _____

Company Name: _____

Incl:

Bid Summary

Material List

RFI-75 and 78

**17-0185 C06 Basketball Switches
Totals (Summary) - Bid Summary: COR**

Material	
Non-Quoted	\$2,477.30
Quotes	0.00
Sales Tax (7.75%)	191.99
Total Material	\$2,669.29
Labor	
Direct (163.96 hours @ \$75.68)	\$12,408.25
Non-Productive Labor	0.00
Total Labor (163.96 hours)	\$12,408.25
Direct Job Expenses	\$0.00
Tools and Miscellaneous Materials	0.00
Subcontracts	0.00
Job Subtotal (Prime Cost)	\$15,077.54
Overhead (15.00%)	2,261.63
Profit (0.00%)	0.00
Job Total	\$17,339.17
Bond	173.83
Job Total with Bond	\$17,513.00
Actual Bid Price	\$17,513.00
Material to Direct Labor ratio: 0.18	
Prime Cost per square foot	\$0.00
Job Total per square foot	\$0.00
Actual Bid Price per square ft	\$0.00
Labor cost per square foot	\$0.00
Labor hours per square foot	0.00
Gross Profit %	13.91
Gross Profit \$	\$2,435.46
Net Profit %	0.99

17-0185 C06 Basketball Switches

Job Number: 3787

Extension By Phase

Item #	Description	Quantity	Price U	Ext Price	Labor Hr U	Ext Lab Hr
--- 01 Raceway, Fittings & Boxes ---						
1011	3/4" EMT (Difficult)	360	57.72 C	207.79	7.50 C	27.00
1144	3/4" Liquidtight (metallic)	10	94.99 C	9.50	7.50 C	0.75
1348	3/4" GRC Elbow (Standard 90D)	8	500.00 C	40.00	0.40 E	3.20
1497	3/4" Compression Steel Ins Throat Conne	20	40.19 C	8.04	0.20 E	4.00
1577	3/4" Compression Steel Coupling	40	41.98 C	16.79	0.30 E	12.00
1587	3/4" Locknut	8	14.82 C	1.19	0.12 E	0.96
1866	3/4" GRC Coupling	8	1.43 C	0.11	0.12 E	0.96
1962	3/4" 90D LT Flex Conn w/Ins Throat	4	742.18 C	29.69	0.46 E	1.84
2279	3/4" 1-Hole Strap	4	10.87 C	0.43	4.00 C	0.16
2315	3/4" Edge Beam Clamp	56	7.14 E	399.84	40.00 C	22.40
2336	3/4" Unistrut Strap	72	62.34 C	44.88	10.00 C	7.20
2356	3/4" Conduit Hanger w/Bolt	12	44.87 C	5.38	25.00 C	3.00
2573	4" Square Deep Box (1/2 & 3/4 KO's)	9	120.74 C	10.87	0.30 E	2.70
2733	4" Square-1G Plaster Ring-1"D	5	87.25 C	4.36	0.15 E	0.75
6662	3/8" Nut	60	24.16 C	14.50	0.06 E	3.60
8244	1-1/2" x 8" Core Drill Concrete	2	0.00 E	0.00	1.10 E	2.20
16546685	3/8-16X1 Inch Hex Head Bolt	60	27.00 C	16.20	22.00 C	13.20
16546686	3/8" Lock Washer	64	14.87 C	9.52	0.03 E	1.92
16546687	3/8" Fender Washer	64	29.70 C	19.01	0.03 E	1.92
--- 01 Raceway, Fittings & Boxes Total ---				838.10		109.76
--- 02 Wire & Cable ---						
2787	#12 THHN CU Solid Wire	1,300	103.87 M	135.03	6.00 M	7.80
--- 02 Wire & Cable Total ---				135.03		7.80
--- 03 Distribution ---						
3969	20A 2P 120/240V Bolt-On Circuit Breaker	1	79.30 E	79.30	0.50 E	0.50
--- 03 Distribution Total ---				79.30		0.50
--- 05 Wiring Device & Covers ---						
4459	20A Spec Grade SP Switch	2	7.89 C	0.16	0.25 E	0.50
4702	1G SS Blank Plate	4	287.99 C	11.52	0.10 E	0.40
4716	4" Square 1G Ind Switch Cover	2	89.78 C	1.80	0.15 E	0.30
4790	4" Square Flat Blank Cover	2	34.52 C	0.69	0.12 F	0.24



Gafcon, Inc.
5960 Cornerstone Court West, Suite 100
San Diego, California 92121
Phone: (858) 875-0010

Project: 01428.001 - Magnolia Science Academy, Santa Ana
2840 West First Street
Santa Ana, California 92703

Deferred Approval Basketball System

TO:	Pritwish Gupta (Berliner Architects) Justin Zhou (Berliner Architects)	FROM:	Gary Baird (R.C. Construction Services, Inc.) 2223 N LOCUST AVENUE RIALTO, California 92377
DATE INITIATED:	03/01/ 2018	STATUS:	Open
LOCATION:		DUE DATE:	03/08/2018
COST IMPACT:	TBD	REFERENCE:	
DRAWING NUMBER:		SCHEDULE IMPACT:	TBD
Reason Code:		GC/Sub RFI#:	
GC/Sub Company:	RCCS	GC/Sub Contact:	
LINKED DRAWINGS:			
RECEIVED FROM:	Gary Baird (R.C. Construction Services, Inc.)		
COPIES TO:	David Rudge (Gafcon)		

Question from Gary Baird (R.C. Construction Services, Inc.) at 01:15 PM on 02/28/2018

Looking over the Deferred Approval of the Basketball System I noticed that there is a wench system that raises and lowers the Basketball system. So I went over the plans to see what was provided for power to make the wench raises and lowers the Basketball System. I didn't see anything.

- 1 -Please provide a drawing that indicates what you would like for the power that is needed to Raise and Lower the Basketball System.
- 2 - Where is the power coming from as well. Nothing is shown on the electrical plans

All Replies:

Electrical contractor to provide dedicated 20A/1P 120V circuit to each basketball net motor for controllability. Connect to panel L1GA, circuits 22 and 24.

See attached drawing showing the power locations.

Jonathan Bianchet
Design West Engineering
3/2/18

See Electrical comments.
Prithwish Gupta / Berliner Architects, 03/02/2018

Revision 1: See blue mark up on the 2nd page for switch location change per the discussion
03/13/2018

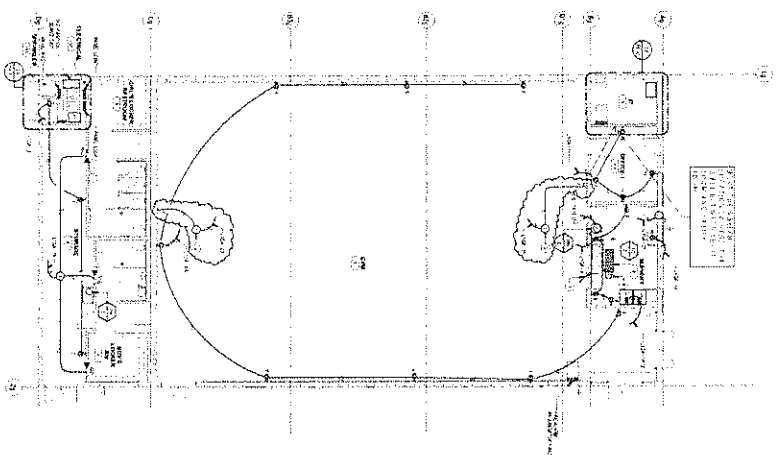
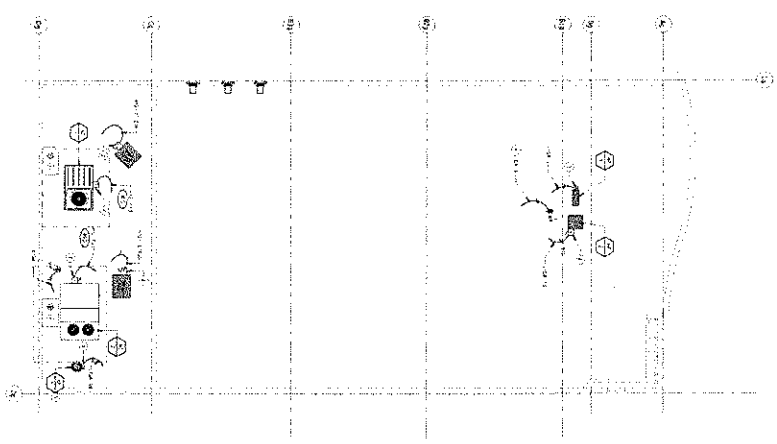
JUSTIN ZHOU / BERLINER ARCHITECTS 03/13/2018

BY _____ DATE _____ COPIES TO _____

ELECTRICAL ROOF PLAN



FIRST FLOOR POWER PLAN



GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72).
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CONSTRUCTION NOTES

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PROJECT

Magnolia Pacific
 Technology School
 Santa Ana

Prepared by: Paul
 Santa Ana, CA 92703

DATE:
 11/11/11

PROJECT:
 Building and Associates

CONSULTANTS:
 Paul
 Santa Ana, CA 92703

DATE:
 11/11/11

PROJECT:
 Building and Associates



DATE:
 11/11/11

PROJECT:
 Building and Associates

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	11/11/11
2	ISSUED FOR PERMIT	11/11/11
3	ISSUED FOR PERMIT	11/11/11
4	ISSUED FOR PERMIT	11/11/11
5	ISSUED FOR PERMIT	11/11/11
6	ISSUED FOR PERMIT	11/11/11
7	ISSUED FOR PERMIT	11/11/11
8	ISSUED FOR PERMIT	11/11/11
9	ISSUED FOR PERMIT	11/11/11
10	ISSUED FOR PERMIT	11/11/11

POWER FLOOR PLAN
 GE-1.11



Gafcon, Inc.
5960 Cornerstone Court West, Suite 100
San Diego, California 92121
Phone: (858) 875-0010

Project: 01428.001 - Magnolia Science Academy, Santa Ana
2840 West First Street
Santa Ana, California 92703

BASKETBALL KEY AND COLORS

TO:	Pritwish Gupta (Berliner Architects) Justin Zhou (Berliner Architects)	FROM:	Gary Baird (R.C. Construction Services, Inc.) 2223 N LOCUST AVENUE RIALTO, California 92377
DATE INITIATED:	03/12/ 2018	STATUS:	Open
LOCATION:		DUE DATE:	03/19/2018
COST IMPACT:	TBD	REFERENCE:	
DRAWING NUMBER:		SCHEDULE IMPACT:	TBD
Reason Code:		GC/Sub RFI#:	
GC/Sub Company:	RCCS	GC/Sub Contact:	CFS
LINKED DRAWINGS:			
RECEIVED FROM:	Gary Baird (R.C. Construction Services, Inc.)		
COPIES TO:	David Rudge (Gafcon)		

Question from Gary Baird (R.C. Construction Services, Inc.) at 11:28 AM on 02/27/2018

Questions for the Basketball Submittals.

- 1 - Key Switch Selection.
- 2 - Color for Bolt on safe edge padding.
- 3 - Color for Wall Pads.

Please see attachment.

Attachments:
Basketball.pdf

All Replies:

1. C112.066 double key switch on page 12. This double key switch controls two basketball hoops motors up and down in the gym. GC to coordinate and provide the label to clearly define which motor it controls for. See RFI 075 revision 1 blue mark up for this double key switch location on the wall between IT and office room. The other key switch indicated in the drawing on the cmu wall is not needed since we use the double key switch controlling these two basketball hoops motors.
2. Grey, see page 13.
3. Color for wall pads, please refer to the Elevation G-A2.11 for the color selection

JUSTIN ZHOU / BERLINER ARCHITECTS 03/16/2018

BY _____ DATE _____ COPIES TO _____