



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

## *Monthly Project Construction Report For the month of October 2016*

**Project:** Heart and Vascular (B, A, Shell)

**Updated:** October 26, 2016

**Contractor:** McCarthy

**Architect:** KMD

Construction Budget Status	\$	Work In Place % Complete	Schedule Status	
Award Amount:	\$26,325,383.00		Contract Award:	January 28, 2013
			Executed Contract:	April 9, 2013
Approved CO's:	\$9,251,684.69		Original Completion:	March 16, 2015
			Duration % Complete:	102%
Revised Contract:	\$35,577,067.69		Approved Time Extension:	535
Invoiced to Date:	\$35,284,289.69	99%	New Completion:	September 1, 2016
<b>Balance</b>	\$292,778.00		Project Scheduled Variance:	-105
Total Forecast Pending CO's:	\$755,189.00		Forecast Completion:	December 15, 2016
<b>Forecast Adjusted Budget</b>	\$36,332,256.69		% Complete per forecast:	96%

<b>RISK STATUS</b>	Budget: <span style="color: green;">●</span> <span style="color: yellow;">●</span> <span style="color: red;">●</span>	Schedule: <span style="color: green;">○</span> <span style="color: yellow;">○</span> <span style="color: red;">○</span>
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Incident Dashboard						
Month	Safety - CAL OSHA Incident		Regulatory Compliance / OSHPD (Notice of Non-Compliance)		Infection Control Breach	
	Yes	No	Yes	No	Yes	No
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
February	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
March	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
April	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
May	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
June	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
July	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
August	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
September	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>

Other Project Costs:	\$25,368,926.43	Total Project Costs:	\$61,701,183.12
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**GROSSMONT HEALTHCARE DISTRICT  
PROPOSITION G  
DESIGN & CONSTRUCTION SERVICES**

*Monthly Project Construction Report – October 2016  
Heart and Vascular Building*

**Safety- CAL OSHA:**

- There were no reportable incidents in October.

**Regulatory Compliance/OSHPD (Notice of Non-Compliance):**

- There were no reportable incidents in October.

**Infection Control Issues/Status:**

- Infection control barriers are in place and in compliance for October.

**Overall Progress:**

- Level B Phase 2 duct work has been corrected by Engineering-POM. Test and Air Balance (TAB) has been completed and is in the process of OSHPD review and Final Sign-off. Randal Lamb is converting the TAB to an ASI for incorporation into the documents.
- The Interim Air Handler work at the H&V North and South are completed. Punch list and ADA report by the AOR remains.
- The South Loading Dock work is complete. The landscape remains to be completed in the South Loading Dock and North H&V.
- The Helix Water line installation is ongoing with the installation of the main line and the laterals. Majority of the sections have been approved by Helix Water District (HWD) to backfill. There were concerns from HWD with the restraints for the water line under the CEP utility tunnel with how it was braced. McCarthy verified that the asbuilts match the existing restraints. South road curbs are being poured in preparation for the ring road leveling work after the Helix Water line installation.
- Commissioning is proceeding with the wrap up of the Level B TAB and with Randal Lamb issuing the ASI. This should be resolved with the close out of the H&V.



**GROSSMONT HEALTHCARE DISTRICT  
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**Construction Status Photos:**



**Landscape Install**



**Helix Water Line Lateral Install**



**South Loading Dock Install**



**H&V North IAHU1 Ceiling Soffit Work**



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**North Hardscape and Road Work**

**Design Issues:**

- n/a

**Construction Issues:**

- Helix Water District would like confirmation of the water line restraints under the CEP trunnel
- Concrete block discovered in the pathway of the Helix Water Line installation

**Corrective Action Plan** *(when applicable):*

- Design: n/a
- Construction:
  - McCarthy is excavating south of the CEP trunnel to verify the seismic bracing per asbuilt drawing
  - DCS and McCarthy is looking through asbuilt drawings to determine the utilities in the discovered concrete block

**Prepared By:** Gary Kiebel / Kevin Herr / Vicki Townsend



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

## *Monthly Project Construction Report For the month of October 2016*

**Project:** Central Energy Plant/Co-Gen

**Updated:** October 27, 2016

**Contractor:** McCarthy

**Architect:** Syska Hennessy

CEP Construction Budget Status	\$	Work In Place % Complete	Schedule Status	
Award Amount:	26,066,942.00		Contract Award:	July 11, 2012
			Executed Contract:	July 27, 2012
Approved CO's:	13,733,620.00		Original Completion:	March 2, 2015
			Duration % Complete:	164%
Revised Contract:	39,800,562		Approved Time Extension:	395 Days
Invoiced to Date:	39,248,706.00	99%	New Completion:	March 30, 2016
<b>Balance</b>	551,856.00		Project Scheduled Variance:	-268
Total Forecast Pending CO's:	1,323,325.00		Forecast Completion:	Dec 23, 2016
<b>Forecast Adjusted Budget</b>	41,123,887.00		% Complete per forecast:	96%

<b>RISK STATUS</b>	Budget:		Schedule:	
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COGEN Construction Budget Status	\$	Work In Place % Complete	Schedule Status	
Award Amount:	6,907,991.00		Contract Award:	July 11, 2012
			Executed Contract:	July 27, 2012
Approved CO's:	1,230,004.00		Original Completion:	March 2, 2015
			Duration % Complete:	164%
Revised Contract:	8,137,995.00		Approved Time Extension:	395 Days
Invoiced to Date:	7,942,376.00	98%	New Completion:	March 30, 2016
<b>Balance</b>	195,619.00		Project Scheduled Variance:	-268
Total Forecast Pending CO's:	0		Forecast Completion:	Dec 23, 2016
<b>Forecast Adjusted Budget</b>	8,137,995.00		% Complete per forecast:	96%

<b>RISK STATUS</b>	Budget:		Schedule:	
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Other CEP Project Costs:	\$17,646,343.94	Total CEP Project Costs:	\$ 58,770,230.94
Other COGEN Project Costs:	\$ 6,481,487.77	Total COGEN Project Costs:	\$ 14,619,482.77

Incident Dashboard						
Month	Safety - CAL OSHA Incident		Regulatory Compliance / OSHPD (Notice of Non-Compliance)		Infection Control Breach	
	Yes	No	Yes	No	Yes	No
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
February	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
March	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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September	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total</b>	0	10	7	3	0	10



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

## *Monthly Project Construction Report- October 2016 Central Energy Plant*

### **Safety –CAL OSHA:**

- There have been no reportable incidents in October.

### **Schedule:**

- The current schedule is now showing a completion date of December 23, 2016. The issues responsible for this delay are approval of Amended Construction Documents for supplemental steel structural supports in the old chiller #4 room and also at the points of connection for medical gas and soft cold water, and demolition of additional piping not originally identified in the project scope.

### **Regulatory Compliance/OSHPD (Notice of Non-Compliance):**

- There are 4 open Notice of non-compliance issues currently open.
- On 10/27/16 a new notice of non-compliance for painting of medical air piping was issued by the Inspector of Record.

### **Infection Control Issues/Status:**

- Infection control barriers are in place and in compliance.

### **Overall Progress:**

#### *(Interior)*

- A secondary makeup water source for the surge tank and 950T steam chiller is looking to start in early November.

#### *(Exterior)*

- All exterior punch list items are complete.

### **Existing Central Utility Plant (CUP);**

- The Prop G portion of the demolition is nearly complete. AO Reed is mobilizing early in November to finish the remaining demolition.
- The O2 tank and vaporizer interconnect piping is complete and waiting final certification.
- Tank Farm manifolds have been installed and piping is complete.
- Medical gas tie-in MOPs are in the process of being finalized and this work should start early in November.
- Bulk O2 yard screening steel is up.
- The HVSB wall has been removed and concrete columns have been placed.

### **.COGEN Status:**

- The initial L5 – Integrated Systems Test was completed on October 23, 2016. The overall test was successful in identifying some small programming issues that will need to be addressed. The hospital rode through the initial Island mode, and Emergency Power phases, but could not achieve the 2<sup>nd</sup> Island mode successfully. The issues identified were related to relay settings in the paralleling gear and our engineering team is working on a solution.



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## Construction Status Photos:



*L5 Test – From the new Control Room*



*Nitrogen and nitrous oxide manifolds*



*HVSB Wall with new column placed.*

## Design Issues:

- Closeout of EUP, Emergency Boiler, and Emergency Gas Line Replacement are all nearly complete. This will help us move forward with the close out of CEP when we get there.
- Cogen paralleling gear relay settings.
- Paralleling gear and main utility breaker sequence of operations.
- Bulk O2 connection access.
- Condensate pump return supports need OSHPD approval.

## Construction Issues:

- Interconnect piping between medical gas equipment does not have final certification.
- Painting of the medical air piping will need to be removed prior to certification.

Prepared By: Nick Aden