



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

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

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

**Updated:** November 16, 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:                  | \$9,300,305.69  |                          | Original Completion:        | March 16, 2015    |
|                                 |                 |                          | Duration % Complete:        | 102%              |
| Revised Contract:               | \$35,625,688.69 |                          | Approved Time Extension:    | 535               |
| Invoiced to Date:               | \$35,500,734.69 | 99%                      | New Completion:             | September 1, 2016 |
| <b>Balance</b>                  | \$124,954.00    |                          | Project Scheduled Variance: | -105              |
| Total Forecast Pending CO's:    | \$706,578.00    |                          | Forecast Completion:        | December 15, 2016 |
| <b>Forecast Adjusted Budget</b> | \$36,332,266.69 |                          | % Complete per forecast:    | 98%               |

|                    |   |   |
|--------------------|---|---|
| <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> |
|--------------------|---|---|

| 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 checked="" type="checkbox"/> | <input type="checkbox"/>                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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                          | 11                                  | 0  | 11                                  | 0                        | 11                                  |

|                      |                 |                      |                 |
|----------------------|-----------------|----------------------|-----------------|
| Other Project Costs: | \$25,440,401.43 | Total Project Costs: | \$61,772,668.12 |
|----------------------|-----------------|----------------------|-----------------|



**GROSSMONT HEALTHCARE DISTRICT  
PROPOSITION G  
DESIGN & CONSTRUCTION SERVICES**

*Monthly Project Construction Report – November 2016*

**Safety- CAL OSHA:**

- There were no reportable incidents in November.

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

- There were no reportable incidents in November.

**Infection Control Issues/Status:**

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

**Overall Progress:**

- Level B Phase 2 air balance has a few minor updates that need to be corrected and signed off by Randall Lamb prior to presenting to the OSHPD official on November 29, 2016.
- Installation of South Ring Road concrete curb and the South Loading Dock handrail are complete. Installation of the wayfinding sign and final landscaping is in progress of being installed.
- The Helix Water line installation has been completed and trench backfilled. The first tie-in at the north-east corner of the Heart & Vascular building is complete. The two remaining tie-ins are still pending further chlorination and back-t tests prior to proceeding. The system failed 2 out of 3 tests and must be separated, re-chlorinated, flushed, and retested. The completion date will still be December 15, 2016.
- Commissioning close-out is progressing with draft materials submitted for review.



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## Construction Status Photos:



**Landscape Install**



**Helix Water Line Tie-in**



**South Loading Dock Handrail**



**H&V Temporary Water Feed**

## Design Issues:

- n/a

## Construction Issues:

- n/a
- n/a

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

- Design: n/a
- Construction: n/a

Prepared By: Gary Kiebel / Kevin Herr / Vicki Townsend



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

## Monthly Project Construction Report For the month of November 2016

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

**Updated:** November 15, 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:                  | 13,788,524.00        |                          | Original Completion:        | March 2, 2015   |
|                                 |                      |                          | Duration % Complete:        | 164%            |
| Revised Contract:               | 39,855,466.00        |                          | Approved Time Extension:    | <b>395 Days</b> |
| Invoiced to Date:               | 39,514,056.00        | <b>99.1%</b>             | New Completion:             | March 30, 2016  |
| <b>Balance</b>                  | <b>341,410.00</b>    |                          | Project Scheduled Variance: | <b>-268</b>     |
| Total Forecast Pending CO's:    | 1,321,903.00         |                          | Forecast Completion:        | Dec 23, 2016    |
| <b>Forecast Adjusted Budget</b> | <b>41,177,369.00</b> |                          | % Complete per forecast:    | <b>96%</b>      |

|                    |   |   |
|--------------------|---|---|
| <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> |
|--------------------|---|---|

| 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:    | <b>395 Days</b> |
| Invoiced to Date:                | 8,094,928.00        | <b>99.5%</b>             | New Completion:             | March 30, 2016  |
| <b>Balance</b>                   | <b>43,067.00</b>    |                          | Project Scheduled Variance: | <b>-268</b>     |
| Total Forecast Pending CO's:     | 0                   |                          | Forecast Completion:        | Dec 23, 2016    |
| <b>Forecast Adjusted Budget</b>  | <b>8,137,995.00</b> |                          | % Complete per forecast:    | <b>96%</b>      |

|                    |   |   |
|--------------------|---|---|
| <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> |
|--------------------|---|---|

|                            |                 |                            |                  |
|----------------------------|-----------------|----------------------------|------------------|
| Other CEP Project Costs:   | \$17,667,367.00 | Total CEP Project Costs:   | \$ 58,844,736.00 |
| Other COGEN Project Costs: | \$ 6,487,008.00 | Total COGEN Project Costs: | \$ 14,625,003.00 |

| 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"/> |
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| 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 checked="" type="checkbox"/>                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| June               | <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                      | <input 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 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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" 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                          | 11                                  | 8  | 3                                   | 0                        | 11                                  |



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*Monthly Project Construction Report- November 2016  
Central Energy Plant*

**Safety –CAL OSHA:**

- There have been no reportable incidents in November.

**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 Existing Central Utility Plant (E-CUP) old chiller #4 room and also at the points of connection for medical gas and soft cold water. These OSHPD change orders have been approved and the work is in progress.

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

- There are 3 Notice of non-compliance issues currently open.

**Infection Control Issues/Status:**

- Infection control barriers are in place and in compliance.

**Overall Progress:**

*(Interior)*

- Soft water make up water for the surge tank and 950T steam chiller is forecasted to start next month.
- Medical vacuum and medical air systems are scheduled to go live to the hospital at the end of the month.

*(Exterior)*

- Exterior work at the new CEP is complete.

**Existing Central Utility Plant E-CUP);**

- The Prop G portion of the demolition is nearly complete.
- The O2 tank, piping, and alarm wiring is complete and the tank will be filled 11/15/16.
- N2 and N2O systems are online and feeding the hospital.
- Bulk O2 yard screening steel is complete, but will need modifications.
- The HVSB wall has been removed.

**.COGEN Status:**

- The turbine L5 test was completed. There are programming modifications that need to take place prior to conducting a second modified test. These changes have been identified in ASI #83. The retest will happen on December 10, 2016.



# GROSSMONT HEALTHCARE DISTRICT PROPOSITION G DESIGN & CONSTRUCTION SERVICES

## Construction Status Photos:



*New O2 tanks, vaporizers, and SS for louver wall*



*N2 & N2O systems online and functional*



*HVSB wall has been removed.*

## Design Issues:

- Closeout of Early Utilities Project, (EUP), Emergency Boiler, and Emergency Gas Line Replacement are all nearly complete. This will help us move forward with the close out of CEP.
- Medical Gas and soft cold water point of connection supplemental steel supports is complete.
- Condensate pump return supports have OSHPD approval.
- Bulk O2 screen access issues will require some modifications.

## Construction Issues:

- HVSB wall clearance issues.

Prepared By: Nick Aden