

**AGENDA**  
**FOR THE REGULAR MEETING OF THE  
CARPINTERIA SANITARY DISTRICT GOVERNING BOARD  
TO BE HELD February 17, 2015**

The regular meeting of the Governing Board will be held commencing at 5:30 p.m.  
The location of the meeting is at 5300 Sixth Street, Carpinteria, California.

**I. CALL TO ORDER**

**II. PLEDGE OF ALLEGIANCE**

**III. BOARD APPROVAL OF AGENDA** AS [SUBMITTED] [MODIFIED]  
Board President asks the Board, public, staff, and legal counsel if there are any additions and/or modifications to the Agenda.

**IV. APPROVAL OF MINUTES** AS [SUBMITTED] [MODIFIED]  
January 20, 2015

**V. PUBLIC FORUM**  
The public may address the Governing Board on items of interest to the public which are not already on this evening's agenda and are within the subject matter jurisdiction of the Board. The time allotted for this discussion shall be pursuant to Board Bylaws.

**VI. MATTERS BEFORE THE BOARD**

**A. GENERAL REPORTS:**

**1. General Manager's Status Report** (Pages 1-3)

Description: General Manager to review his written report regarding the following issues:

- Quarterly Incident Report
- ASHT Replacement Project Update
- CWEA Collection System of the Year Award Presentation
- CASA Winter Conference Report
- APWA Award
- ASCE Recognition
- January RWQCB Meeting Report
- SAMA Meeting Report
- CalTrans Linden/Casitas Bridge Replacement Update
- Operations Update

**2. FY 2014/15 Mid-Year Budget Review (Pages 4-5)**

Description: The Board to review information presented outlining the current status of the operating budget and anticipated variances for FY 2014/15.

Staff Recommendation: None.

**3. Amendment No. 4 to Cash Contract No. 395 – Carollo Engineers (Pages 6-13)  
Aerobic Digester Replacement Project Design**

Description: The Board to review and consider approving Amendment No. 4 to Cash Contract No. 395 with Carollo Engineers.

Staff Recommendation: That the Board approve Amendment No. 4 to Cash Contract No. 395.

**4. Amendment No. 2 to Cash Contract No. 414 – AIA Automation (Pages 14-17)  
Aerobic Digester Replacement Project**

Description: The Board to review and consider approving Amendment No. 2 to Cash Contract No. 414 with AIA Automation.

Staff Recommendation: That the Board approve Amendment No. 2 to Cash Contract No. 414.

**5. Board Member Photographs**

Description: The Board to have photographs taken by Board Clerk (approximately 5 minutes) for placement on the District's website and/or other media as necessary.

Staff Recommendation: None

**VII. BOARD ITEMS**

**A. COMMITTEE REPORTS**

Description: Verbal reports by the committee chairperson(s) of the following committees:

- Standing Finance Committee
- Standing Personnel Committee
- Standing Public Relations Committee
- Standing Utilities Committee
- AD-Hoc Facilities Planning Committee

**(Pages 18-20)**

**B. GENERAL ITEMS**

1. CASA Legislative Committee Report (Jeff Moorhouse)
  - Discussion of pending legislation affecting CASA member agencies.
2. LAFCO Report (Jeff Moorhouse)
3. SBCSDA (Santa Barbara – California Special Districts Association) Report
4. CSRMA Report (Jeff Moorhouse)
5. Board Member Vacation Dates
6. Future Agenda Items

**VIII. CLOSED SESSION**

**CONFERENCE WITH LEGAL COUNSEL — ANTICIPATED LITIGATION:**

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2): one case. December 10, 2013 Notice of Violation from Central Coast Regional Water Quality Control Board

**IX. RECONVENE OPEN SESSION**

**X. CLOSED SESSION REPORT**

**XI. ADJOURNMENT**

---

**FURTHER INFORMATION AVAILABLE**

A staff report providing more detailed information is available for most agenda items and may be reviewed in the District office during regular hours (Monday - Friday from 8:00 a.m. to 12:00 p.m. and/or 1:00 p.m. to 5:00 p.m.). Copies of individual reports may be requested at this office. Call (805) 684-7214 extension 10 for more information.

In compliance with the Ralph M. Brown Act and the Americans with Disabilities Act, if you need a disability-related modification, accommodation, or other special assistance to participate in this meeting, please contact the District's Board Secretary at (805) 684-7214, extension 10, at least 48 hours prior to the start of the meeting.

---

Next Ordinance Available.....#14  
Next Resolution Available.....R-279  
Posting Date.....02/13/15

**MINUTES OF THE REGULAR MEETING OF THE  
CARPINTERIA SANITARY DISTRICT GOVERNING BOARD  
January 20, 2015**

These are the **minutes** of the **regular** meeting of the Governing Board of the Carpinteria Sanitary District in the City of Carpinteria, County of Santa Barbara, and State of California.

The Governing Board of the Carpinteria Sanitary District held a regular meeting on **January 20, 2015**, at 5:30 p.m. at its District administrative office located at 5300 Sixth Street, Carpinteria, California. The agenda notice for this meeting was posted in the front window of the administrative office of the Carpinteria Sanitary District and on the District's website at least 72 hours in advance of the meeting.

**I. CALL TO ORDER**

President Damron called the meeting to order at 5:30 p.m. and noted for the record that all directors were present at tonight's meeting.

Directors Present:     Mike Damron – President  
                             Gerald Velasco – President Pro-Tem  
                             Lin Graf – Treasurer  
                             Jeff Moorhouse – Secretary  
                             Mike Modugno – Secretary Pro-Tem

Staff Present:         Craig Murray – General Manager  
                             Hamid Hosseini – Finance Director  
                             Kim Garcia – Board Clerk

Legal Counsel  
Present:                 Anthony Trembley – Musick, Peeler & Garrett, LLP

Public Present:        None

**II. PLEDGE OF ALLEGIANCE**

President Damron asked Director Moorhouse to lead those present in the Pledge of Allegiance.

**III. BOARD APPROVAL OF AGENDA**

President Damron asked if there were any modifications and/or changes to the agenda. Hearing none, the agenda was approved as submitted.

**IV. BOARD APPROVAL OF MINUTES OF THE MEETING OF December 16, 2014**

Director Graf made a motion, seconded by Director Modugno that the Board approve the Minutes of the December 16, 2014 Regular Board meeting as submitted. The motion carried by the following vote:

AYES:	5	Modugno, Velasco, Damron, Moorhouse, Graf
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

**V. PUBLIC FORUM**

None

## **VI. MATTERS BEFORE THE BOARD**

### **1. General Manager's Status Report**

General Manager reviewed his written report regarding the following:

- ASHT Replacement Project Update
- CWEA Annual Awards Dinner
- APCD Enforcement Update
- SAMA Meeting Report
- Bluffs Sewer Project Revegetation
- Administration Building Design Update
- Old Linden Sewer Update
- Operations Update

### **2. Addendum to the Annual Board Reorganization**

During the Board's last regularly scheduled meeting of December 16, 2014, the annual Board reorganization occurred. However, several assignments were inadvertently not discussed and not authorized.

After Board discussion, Director Graf made a motion, seconded by Director Velasco that the following membership assignments be certified:

- California Association of Sanitation Agencies (CASA) Executive Board/Board of Directors:  
Board Member: Jeff Moorhouse
- California Association of Sanitation Agencies (CASA) State Legislative Committee:  
Committee Member: Jeff Moorhouse
- Santa Barbara Special District Association (SBSDA) Executive Board:  
Board Member: Jeff Moorhouse

The motion carried by the following vote:

AYES:	5	Velasco, Moorhouse, Damron, Graf, Modugno
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

### **3. Change Order Nos. 4 and 5 to Cash Contract No. 416 – Aerated Sludge Holding Tank Replacement Project**

General Manager reviewed his staff report related to Change Order Nos. 4 and 5 to Cash Contract No. 416 with Cushman Contracting Corporation for the Aerated Sludge Holding Tank Replacement Project. If approved, Change Order No. 4 would result in a credit in the amount of \$22,544 and Change Order No. 5 would increase the approved contract price by \$82,411 making the revised total \$5,343,473. No change in contract time was proposed.

Director Graf made a motion, seconded by Director Velasco that the Board approve Change Order Nos. 4 and 5 to Cash Contract No. 416 with Cushman Contracting Corporation as presented. The motion carried by the following vote:

AYES:	5	Velasco, Graf, Moorhouse, Damron, Modugno
NOES:	0	None
ABSENT:	0	None
ABSTAIN:	0	None

**4. City of Carpinteria – Draft Pavement Preservation Ordinance**

General Manager reviewed his staff report related to the City of Carpinteria Draft Pavement Preservation Ordinance. General Manager said that he had a conversation with a City representative who advised that this item would not be on the next regularly scheduled City Council meeting of January 26<sup>th</sup>.

After Board discussion, there was general consensus to direct staff to monitor the status of the pavement ordinance and to continue collaborative discussion on the matter.

**VII. BOARD ITEMS**

**A. COMMITTEE REPORTS**

Standing Finance Committee

Director Graf reported on the committee meeting held on January 16, 2015.

Standing Personnel Committee

None.

Standing Public Relations Committee

None

Standing Utilities Committee

None.

Ad-Hoc Facilities Planning Committee

None

**A. GENERAL ITEMS**

CASA Legislative Committee Report

None.

LAFCO Report (Jeff Moorhouse)

Director Moorhouse reported on several LAFCO issues.

SBCSDA (Santa Barbara California Special Districts Association) Report

None.

CSRMA Report (Jeff Moorhouse)

None.

Board Member Vacation Dates

None.

Future Agenda Items

None.

**VIII. ADJOURNMENT**

There being no further items to discuss, President Damron adjourned the meeting at 6:03 p.m.

---

Michael Damron  
President

---

Gerald Velasco  
President Pro-Tem

---

Jeff Moorhouse  
Secretary

---

Mike Modugno  
Secretary Pro-Tem

---

Lin Graf  
Treasurer



# Carpinteria Sanitary District

Board of Directors Meeting  
General Manager's Status Report

TO: Board of Directors

FROM: Craig Murray, P.E. – General Manager

**SUBJECT: General Manager's Status Report**

DATE: February 17, 2015

**Quarterly Incident Report.** Attached is a summary table detailing incidents, complaints and other customer interactions during the fourth quarter of 2014.

**ASHT Replacement Project Update.** The first section of tank wall was poured on February 5<sup>th</sup> and the process went well. A system of engineered steel forms is being used to complete the concrete wall and integral walkway construction in a sequential manner. Weekly pours over a six week period will be required to finish the structure. Electrical and instrumentation work is in progress for the chemical feed system, with startup scheduled in March. Cushman's work is on schedule and, in fact, they are hoping to accelerate the work and achieve an overall completion date even earlier than anticipated. A complete electrical shutdown of the treatment facility will occur in the overnight hours of February 23<sup>rd</sup> to allow for installation of a new main breaker.

**CWEA Collection System of the Year Award Presentation.** The District was notified that it was one of three finalists for the CWEA Statewide Collection System of the Year Award. On February 10<sup>th</sup> we made a 2-hour presentation to a team of six CWEA evaluators here at the District. The presentation focused on our system operations and maintenance, capital and organizational improvements in 2013/14 and recent technological advancements we are leveraging to improve performance, specifically the ongoing transition to the Lucity CMMS platform. The winner will be announced at the CWEA Annual Conference in April in San Diego.

**CASA Winter Conference Report.** I attended the CASA Winter Conference in Palm Springs from January 21-23, 2015. The highlight was receiving the Capital Project of the Year Award with Directors Graf, Moorhouse and Velasco at the conference luncheon on Thursday for the Rincon Point Septic to Sewer Conversion Project. I also gave a presentation on this project, with Hillary Hauser as co-presenter, on Wednesday. Copies of the CSRMA Annual Report, approved for release at the conference meeting, were distributed to the Board.

**APWA Award.** The District's Rincon Point Septic to Sewer Conversion Project also received the Project of the Year Award (\$2M-\$5M Category) from the Central Coast Chapter of the American Public Works Association (APWA). Dave Rundle, Harper Lash and Ginger Andersen of Penfield & Smith accepted the award on our behalf at the chapter meeting and banquet on January 21<sup>st</sup> in Santa Maria. Our project was submitted for consideration in APWA's national award program to be held later this year.

**ASCE Recognition.** On February 19<sup>th</sup>, Dave Rundle and I will attend the 2015 National Engineers Week Awards Banquet at the Reagan Library in Simi Valley to accept the 2014/15 Project of the Year Award for the Santa Barbara/Ventura Branch of the American Society for Civil Engineers (ASCE). More information on this event can be found at <http://www.newcvsb.org/>.



**January RWQCB Meeting Report.** I attended the January 29<sup>th</sup> session of the Central Coast RWQCB meeting in Santa Barbara. Heal the Ocean was recognized by the Board with a resolution for their 15 years of work on the Rincon Point sewer project. The District was also recognized in the resolution and was complimented by the Board for its endurance and perseverance.

**SAMA Meeting Report.** I attended the February meeting of the Sanitation Agency Managers Association at the Mission Hills Community Services District in Lompoc. Enmnar Manghi of Cortech gave an excellent presentation on the public works bidding and procurement process from the perspective of equipment suppliers and manufacturer's representatives. Laguna County Sanitation District is responding to an enforcement action related to a SSO last year that impacted Orcutt Creek.

**CalTrans Linden/Casitas Bridge Replacement Update.** CalTrans' US 101 widening and bridge replacement project has been delayed, in part, by issues related to FEMA floodplain impacts. They approached the District about the possibility of carving out the realignment of our existing sewer crossing of Carpinteria Creek and undertaking this work in the Fall of 2015 to avoid schedule impacts in 2016. Doing so would require separate permitting activities that would need to be accelerated. Costs would still be borne by CalTrans, but the District (and our consultant) would procure permits directly. Staff is currently evaluating this option and consulting with permitting authorities before moving ahead with this revised project approach.

**Operations Update:** WWTP and Collection System operations updates are as follows:

- The treatment plant is operating in full compliance with our NPDES discharge permit.
- Operations staff remains focused on coordination activities related to the ASHT Replacement Project and maintenance of plant operations during construction.
- Failure of a wooden roof joist in the main generator room prompted emergency repairs. Cushman Contracting Corporation jacked up the roof and installed a new beam. Staff is evaluating replacement of the existing muffler on the roof as the existing unit is heavily corroded and may have contributed to the structural failure.
- Various non-routine maintenance activities were completed, including replacement of the drive motor for one of the final clarifiers, installation of new chlorine residual and ORP probes, and installation of a flow meter local display at Lift Station No. 4.
- The new Administration Building sign was installed by District staff.
- No SSOs or other collection system issues were reported during the period. The system is functioning well.

**CARPINTERIA SANITARY DISTRICT  
QUARTERLY SUMMARY INCIDENT REPORT  
October 1 - December 30, 2014**

<b>Date</b>	<b>Location</b>	<b>Incident/Complaint</b>	<b>Determination/Resolution</b>
<b>10/11/2014</b>	Via Real (Colorama Nursery)	High Water Alarm	Collection staff responded to a high water flow alarm from Lift Station No. 4. The high flow was determined to be coming from the Colorama Nursery. A representative of the nursery was contacted to advise them of the problem.
<b>10/24/2014</b>	Arbol Verde @ Calle Rey Mar	Blockage	Collection staff responded to a blockage call at a residence on Arbol Verde. A plumber had already been dispatched and cleared the line from the residence. Collection staff followed up with CCTV. Roots were found in the lateral which were jetted and cleared.
<b>12/22/2014</b>	Sandpoint	E-One Alarm	Collection staff responded to a reported E-One alarm. An issue had developed with the diaphragm. The issue was remedied and service was restored.



# Carpinteria Sanitary District

Board of Directors Meeting

## STAFF REPORT

TO: Board of Directors

FROM: Craig Murray, P.E., General Manager  
Hamid Hosseini, Finance Director

SUBJECT: **FY 2014/15 Mid-Year Budget Review**

DATE: February 17, 2015

**REQUESTED ACTION:** None.

**FUNDING SOURCE:** General Fund / Capital Improvement Fund (FY 2014/15)

**BACKGROUND:** This report presents a mid-year review of budget performance. It includes a simple report on actual versus projected expenditures through January 2015 and it highlights anticipated excursions from budgeted totals for individual accounts.

Overall, year to date performance in FY 2014/15 has been consistent with budget projections. As of the end of January we have expended 54% of the total operating budget. Although certain expenses trail by a month, spending to date has generally been at or below expected levels.

It is typical for certain line items (or accounts) to vary from original projections. District staff reviewed each account within the current year operating budget. A summary of anticipated account level overages or variance is presented below. For reference, the agenda packet contains a summary of year to date expenses for each individual account.

### **UTILITIES**

**Account: 5420 So. California Electric**

**Fund Variance: \$8,000**

The District's annual budget for this account is \$229,400. Near the beginning of the fiscal year, Southern California Edison changed the District's rate structure from an agricultural/pumping rate to a demand based, time-of-use (TOU) rate. This type of rate impacts energy costs, particularly during the summer months, and as a result we expect to exceed the budget for this account by approximately \$8,000.

### **REPAIRS & MAINTENANCE**

**Account: 5630 Grounds Maintenance**

**Fund Variance: \$3,600**

The approved budget for this account is \$11,500. There was a significant unanticipated tree trimming expense that the District incurred in response to spontaneous limb fall events from three large eucalyptus trees in the administration building yard. An arborist was engaged to evaluate the trees and ultimately we undertook major weight reduction in all three trees at a cost of \$4,875, exceeding the line item budget.

## **PROFESSIONAL SERVICES**

**Account: 5831 Legal Counsel**

**Fund Variance: \$20,000**

Contract legal support expenses vary over the course of any given year. The legal expenses for the first seven months of the current fiscal year are at 71% of the approved budget. Based on the nature and magnitude of legal issues in progress or pending, staff projects that the authorized budget of \$40,000 for this account will be exceeded by approximately \$20,000.

## **OTHER EXPENSES**

**Account: 6031 LAFCO Pro-Rata Costs**

**Fund Variance: \$900**

The District pays a pro-rata share of the annual LAFCO based on a formula that has been in place for many years. Typically, we receive LAFCO's preliminary budget in time to include the exact amount in our annual operating budget. This fiscal year the information was not timely received and the actual costs invoiced by LAFCO exceeded our projections by about \$900.

At this point in time, District staff is confident that we will complete the 2014/15 fiscal year well within the total projected annual operating budget of \$3,561,700. There are several individual accounts where actual expenditures will fall well below the projected totals. For example, the \$10,000 budgeted for Directors' Election Expense (Account 5226-0) will not be expended at all, as no contested election was required in November 2014. As such, the variances in individual accounts outlined above will be offset by more significant savings in other accounts.

**RECOMMENDATION:** None.

**SUGGESTED MOTION:** None.

M\_\_\_\_\_ S\_\_\_\_\_

Ayes:\_\_\_\_\_ Nays:\_\_\_\_\_ Abstentions:\_\_\_\_\_

Prepared By: \_\_\_\_\_

Craig Murray, P.E. - General Manager

\_\_\_\_\_  
Hamid Hosseini – Finance Director



# Carpinteria Sanitary District

Board of Directors Meeting

## STAFF REPORT

TO: Board of Directors

FROM: Craig Murray, P.E. - General Manager

SUBJECT: **Amendment No. 4 to Cash Contract 395 – Carollo Engineers  
Aerobic Digester Replacement Project Design**

DATE: February 17, 2015

**REQUESTED ACTION:** That the Board approve an amendment to Cash Contract No. 395 between the District and Carollo Engineers for preliminary and final design of the Aerobic Digester Replacement Project.

**FUNDING SOURCE:** CIP Project P-138 / 2012 Revenue Bonds

**BACKGROUND:** On March 20, 2012 the District approved Cash Contract No. 395, engaging Carollo Engineers (Carollo) to provide preliminary and final design services for the District's aerobic digester replacement project. Two contract amendments were authorized by the Board of Directors during the preliminary and final design phases of the project. A third amendment for construction period design engineering support, totaling \$184,131, was approved in January of this year and the currently authorized contract amount is \$728,397.

In December 2014 the Board considered a fourth amendment to Carollo's existing contract and at that time elected to defer the item to allow staff to further refine the scope of proposed additional services. District staff met with Carollo's project management team in late January and arrived at what we believe to be an appropriate level of engineering support services through project completion, startup and testing. The magnitude of the fee amendment was adjusted downward significantly through this review and refinement process.

As previously presented, to date Carollo has reviewed a far greater number of submittals than originally anticipated and they necessarily expended extensive time and resources addressing critical issues related to the stone column foundation. They have continued to support the project since the end of 2014 when their authorized budget was expended, and some level of ongoing design support is critical to a successful project outcome.

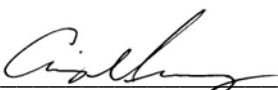
Attached herewith is an updated scope of services and fee proposal from Carollo for additional construction period engineering support. Services will be provided on a time and materials basis. A fee amendment of \$60,982 is proposed (as compared to the \$87,736 originally recommended). If approved, the revised contract amount would be **\$789,379**. The contract performance period will not change.

**RECOMMENDATION:** Staff recommends that the Board approve Amendment No. 4 to Cash Contract No. 395 between the Carpinteria Sanitary District and Carollo Engineers, increasing the authorized design fee by \$60,982 to **\$789,379**.

**SUGGESTED MOTION:** I move that the Board approve Amendment No. 4 to Cash Contract No. 395 between the Carpinteria Sanitary District and Carollo Engineers as presented.

M\_\_\_\_\_ S\_\_\_\_\_

Ayes:\_\_\_\_\_ Nays:\_\_\_\_\_ Abstentions:\_\_\_\_\_

Prepared By: \_\_\_\_\_  
Craig Murray, P.E. - General Manager

Attachments: Exhibit A – Contract Modification No. 4 Scope of Services  
Exhibit C – Fee Proposal Breakdown



## **EXHIBIT A**

### **CARPINTERIA SANITARY DISTRICT**

#### **Aerobic Sludge Storage Project**

#### **Engineering Services During Construction**

#### **Contract Modification Number 01**

#### **Scope of Services**

**January 29, 2015**

### **GENERAL**

This Scope of Services describes additional services as part of the Engineering Services During Construction (ESDC) to be provided by Carollo Engineers (Carollo) for the Carpinteria Sanitary District (District) under the Agreement between both parties dated March 20, 2012. The following tasks, defined in the January 2014 ESDC Scope of Services, require modification as detailed later in this Contract Modification.

- Project Management
- Project Meetings
- Engineering During Construction

The effort for the items outside of the January 2014 Scope of Services have been documented and reported to the Owner in the Monthly Progress Reports included with the Monthly Invoices.

Note, the January 2014 Scope of Services included Optional Items/Owner Allowances which can be authorized by the District via email or letter. These Optional services include Record Drawing production, Startup and Testing Assistance, and Punch List Assistance.

### **SCOPE OF SERVICES**

#### **TASK 1 PROJECT MANAGEMENT**

No changes requested.

#### **TASK 2 PROJECT MEETINGS**

The following project meetings are anticipated for this project:

### **Task 2.1 - Coordination with the Third-Party Construction Manager**

The level of coordination, phone calls, emails, etc are greater than expected and additional hours for this task has been requested and included in the attached work break down fee sheet.

### **Task 2.2 – Site Visits**

No changes requested.

### **Task 2.3 - Construction Meetings**

No changes requested.

## **TASK 3 BIDDING ASSISTANCE**

No modifications to this task as this portion of work is complete.

## **TASK 4 - ENGINEERING SERVICES DURING CONSTRUCTION**

The following details the Scope of Work associated with the ESDC services to be performed by Engineer during the construction phase of the Project.

### **4.1 - Submittal Review**

As January 2015 the Engineer has received and reviewed more submittals then estimated in the January 2014 Scope of Services. The Engineer estimates there will be 30 more submittals for review.

### **4.2 – Startup Testing and Requests for Interpretation Assistance**

As January 2015 the Engineer has received and reviewed more RFIs then estimated in the January 2014 Scope of Services. The Engineer will assist the District with the RFIs and with Startup and Testing as requested by the District within the limits of hours provided in Exhibit C.

### **4.3 – Design Clarifications**

The January 2014 Scope of Services assumed 2 design clarifications, to date the Engineer has processed 3 design clarifications. However, the efforts associated with the design clarifications have been within the budget and no additional fees are requested at this time.

### **4.4 – Review of Change Orders**

The January 2014 Scope of Services assumed the 3<sup>rd</sup> Party CM would review Change Orders and the number reviewed by the Engineer would be no more than 3 total. As of January 2015 the Engineer has received 3 change orders for review. However, the efforts associated with the design clarifications have been within the budget and no additional fees are requested at this time.

### **4.5 Conformed Documents**

The January 2014 Scope of Services did not include Conformed Documents (see Assumption 2, below). At the request of the Owner, conformed documents were provided.



#### **4.6 Request for Quotations**

The January 2014 Scope of Services did not include Engineer review of Request for Quotations. At the request of the District, the Engineer has reviewed 4 Requests for Quotations.

#### **4.7 Geotechnical Testing and Reviews**

The January 2014 Scope of Services included the Engineer's Geotechnical subconsultant review of submittals. However, due to excess submittals and timing of the Geotechnical subconsultant's efforts/billings they have not been billed to the District and therefore are included in this Contract Modification. In addition, at the request of the Owner and 3<sup>rd</sup> Party CM the Engineer's Geotechnical Subconsultant provided compaction testing of fill placed at the future Sludge Holding Tanks. Testing services were not included in the January 2014 Scope of Services.

### **TASK 5 – OPTIONAL ITEMS/ OWNER ALLOWANCE**

No changes to these optional items, which have not been authorized by the District, however as noted earlier can be authorized if requested by the District.

### **ASSUMPTIONS**

For ease of reference, the assumptions included in the January 2014 Scope of Services is included below with the key assumptions which set the basis for this Contract Modification **highlighted**.

The Bidding and ESDC services defined herein are based on several assumptions including:

1. The anticipated construction period of twenty-four (24) months, from Contractor Notice to Proceed (NTP) to Final Completion and Acceptance (time and services provided beyond this duration will require a modification to this Scope and Fee).
2. Engineer will **not** incorporate the addenda into conformed documents.
3. Engineer will **not** conduct, coordinate, nor document construction meetings that may be held between the District, Third-Party Construction Manager, or Contractor.
4. Engineer will **not** furnish a full time (on-site) Resident Engineer or Resident Inspector for the duration of the construction.
5. District shall contract separately with a Third Party Inspector (or a Third-Party Construction Manager) to perform on-site inspection throughout the duration of the Project.
6. All submittals, RFIs, and other documents produced and submitted by the Contractor will be handled, logged, and tracked by the Third-Party Inspector.
7. **This Scope and associated fee does not include the effort to review all anticipated submittals, shop drawings, RFIs, and other documents produced by the Contractor. The District will use their Third-Party Construction Manager to review documents. Additional**

reviews by Carollo, beyond the quantities and hours estimated herein, will require a modification to this Scope of Services and associated fees.

8. If any submittal, RFI, or other document is reviewed by the Third-Party inspector, Engineer shall not be liable and/or responsible for such review and/or the consequences of such review. Engineer shall not be liable for changes made by and/or coordination with any submittals, RFIs or other documents not reviewed by Engineer.
9. Engineer will not furnish site control surveying, geotechnical testing, or materials testing during construction. This shall be the responsibility of District and/or Third-Party Construction.
10. Engineer will not maintain field files (submittals, RFIs, COs, etc). This shall be the responsibility of District and/or Third-Party Construction.
11. Engineer will not review the Contractor monthly pay requests. This shall be the responsibility of District or the Third-Party Construction Manager.
12. Contractor shall maintain a set of active Record Drawings at the Project site, consisting of applicable red-lined markups to the Bid drawings. Review of red-lined markups for accuracy shall be the responsibility of District and/or Third-Party Construction Manager.
13. While the Engineer may develop the Record Drawings (using CADD) using the Contractor's redlines, the Third Party Construction Manager will be required to certify (sign & seal) the documents since the Engineer will not have full time inspection of the work being constructed and cannot certify the accuracy of the Contractor's redlines.
14. Submittals, RFIs, Change Orders, Design Clarifications, meetings, site visits, etc beyond the numbers estimated within the attached Fee estimate will require a modification to this Scope and Fee.

## **ESTIMATED MANHOURS AND COSTS**

The Fee Proposal Breakdown associated with completion of this Scope of Work is provided in Exhibit C, the Engineer's standard rate schedule remains the same as provided in January 2014 Scope of Services. The Project is to be billed monthly on a time and materials not to exceed basis, per the rate schedule (Exhibit B in the January 2014 Scope of Work) and per the estimated total fee in Exhibit C.

## **STANDARD OF CARE**

Carollo Engineers shall be responsible to the level of competency and standard of care presently maintained by other practicing Professional Engineers performing the same or similar type of work at the time notice to proceed is issued. Carollo and the District mutually agree that standard of care, as applied to design professionals, shall be defined as the ordinary and reasonable care required and established by expert testimony of what a reasonable and prudent professional would have done under the same or similar circumstances.

Carollo shall not be responsible for the means, methods, techniques, sequences, or procedures of construction selected by Districts or the safety precautions and programs incidental to the

work of Districts and will not be responsible for District's failure to carry out work in accordance with the Contract Documents.

Carollo has no control over the cost of labor, materials, equipment, or services furnished by others, or over District's methods of determining prices, or other competitive bidding or market conditions, practices, or bidding strategies. Cost estimates are based on the Carollo's opinion based on experience and judgment. Carollo cannot and does not guarantee that proposals, bids, or actual project construction costs will not vary from cost estimates prepared by the Carollo.

EXHIBIT C  
CARPINTERIA SANITARY DISTRICT

PROFESSIONAL ENGINEERING SERVICES FOR ENGINEERING SERVICES DURING CONSTRUCTION

Contract Modification No. 01  
January 28, 2015  
Fee Proposal Breakdown

Tasks	Task and Sub-Task Description	LABOR PORTION							Total Labor Hours	Subtotal Labor Cost	Total Labor Cost	Other Direct Costs (ODCs)	PECE	TOTAL PROJECT COSTS
		Principal In Charge	Project Manager	Sr. Project Engineer	Project Engineer	Staff Engineer	CAD Technician	Clerical / WP						
	ENGINEERING SERVICES DURING CONSTRUCTION													
1	Project Management	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0
	No changes								0	\$0	\$0	\$0	\$0	\$0
2	Project Meetings	2	4	4	4	0	0	0	14	\$2,964	\$2,964	\$0	\$161	\$3,125
	Coordination with 3rd Party CM	2	4	4	4				14	\$2,964	\$2,964	\$0	\$161	\$3,125
	Weekly Construction Teleconferences (through Nov 2015)								0	\$0	\$0	\$0	\$0	\$0
3	Bidding Phase	0	0	0	0	0	0	0	0	0	0	0	0	0
	No Changes								0	\$0	\$0	\$0	\$0	\$0
4	Engineering Services During Construction	3	7	42	58	94	24	96	324	\$48,822	\$48,822	\$5,561	\$3,474	\$57,857
	Submittal Review (30 submittals)	2	2	18	24	40		30	116	\$18,044	\$18,044	\$0	\$1,334	\$19,378
	Startup and RFI review assistance	1	4	24	32	54	8	50	173	\$26,228	\$26,228	\$0	\$1,990	\$28,218
	Geotechnical Review of Submittals/RFIs and Field Testing								0	\$0	\$0	\$5,561	\$0	\$5,561
	Conformed Documents		1		2		16	16	35	\$4,550	\$4,550		\$150	\$4,700
TOTAL BASE FEE (TASK 1 THROUGH 4)		5	11	46	62	94	24	96	338	\$ 51,786	\$ 51,786	\$ 5,561	\$ 3,635	\$ 60,982
5	Optional Items/ Owner Allowances	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0	\$0
	No Changes								0	\$0	\$0		\$0	\$0
TOTAL PROJECT COST (ESDC), TIME AND MATERIALS		5	11	46	62	94	24	96	338	\$ 51,786	\$ 51,786	\$ 5,561	\$ 3,635	\$ 60,982



# Carpinteria Sanitary District

Board of Directors Meeting

## STAFF REPORT

TO: Board of Directors

FROM: Craig Murray, P.E. - General Manager

SUBJECT: **Amendment No. 2 to Cash Contract 414 – AIA Automation  
Aerobic Digester Replacement Project**

DATE: February 17, 2015

**REQUESTED ACTION:** That the Board approve a second amendment to Cash Contract No. 414 between the District and AIA Automation for SCADA programming and configuration services for the Aerobic Digester Replacement Project.

**FUNDING SOURCE:** CIP Project P-138 / 2012 Revenue Bonds

**BACKGROUND:** On September 3, 2013 the District approved Cash Contract No. 414, engaging AIA Automation (AIA) to provide submittal review and preliminary construction period support services for the District's Aerobic Digester Replacement Project. A minor amendment to the original contract was approved in mid-2014 and the currently authorized contract total is \$24,000.

The project has advanced now to the stage where instrumentation and PLC programming by the contractor is nearing completion. Accordingly, the District requested a proposal from AIA to provide the required SCADA system programming, both at the main SCADA level and at the remote PLC locations where we have added operator interface screens. We will also require AIA to provide configuration of new fiber optic network switches, modification to our computerized alarm software system (WIN911) and related telemetry systems. These additional services were anticipated and specifically excluded from the construction contract for strategic operational and control reasons.

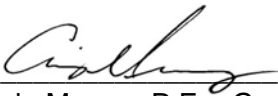
Attached to this staff report is the proposal – or price quotation – provided by AIA. A total contract amendment of \$65,860 is requested. Based on the nature and magnitude of this work, staff believes this is a reasonable proposal. If approved by the Board, the revised Cash Contract No. 414 total would be **\$89,860**. The contract performance period would be extended through the end of 2015.

**RECOMMENDATION:** Staff recommends that the Board approve Amendment No. 2 to Cash Contract No. 414 between the Carpinteria Sanitary District and AIA Automation, increasing the authorized SCADA services fee by \$65,860 to **\$89,860**.

**SUGGESTED MOTION:** I move that the Board approve Amendment No. 2 to Cash Contract No. 414 between the Carpinteria Sanitary District and AIA Automation as presented.

M\_\_\_\_\_ S\_\_\_\_\_

Ayes:\_\_\_\_\_ Nays:\_\_\_\_\_ Abstentions:\_\_\_\_\_

Prepared By: \_\_\_\_\_  
Craig Murray, P.E. - General Manager

Attachments: AIA Price Quotation and Draft Authorization Letter



# Price Quotation

AIA Automation, Inc.  
 5974 Maury Ave.  
 Woodland Hills, CA 91367  
 Tel: (818) 261-4537

Quotation Number	Project Reference	Quotation Date	Prepared By
8918.A	Aerated Sludge Holding Tank Replacement Project	February 12, 2015	Nader Vakilian

	Qty	Type	Description	Labor	Material	Extended Price
1			AB PLC and PanelView for UCP-700 Operation			
2	1	PROG	Pre Development Engineering and Specification	\$2,960.00	\$0.00	\$2,960.00
3	1	PROG	AB PanelView Configuration and Programming	\$6,475.00	\$0.00	\$6,475.00
4	1	PROG	Installation and Configuration of new Components	\$8,880.00	\$0.00	\$8,880.00
5	1	PROG	Onsite Installation and SAT	\$4,440.00	\$0.00	\$4,440.00
6						
7			AB PLC and PanelView for UCP-900 Operation			
8	1	PROG	Pre Development Engineering and Specification	\$2,960.00	\$0.00	\$2,960.00
9	1	PROG	AB PanelView Configuration and Programming	\$6,475.00	\$0.00	\$6,475.00
10	1	PROG	Installation and Configuration of new Components	\$8,880.00	\$0.00	\$8,880.00
11	1	PROG	Onsite Installation and SAT	\$4,440.00	\$0.00	\$4,440.00
12						
13			Stratix 8000 Network Installation and Configuration			
14	1	PROG	Configuration and Programming the Main Switch	\$3,330.00	\$0.00	\$3,330.00
15	1	PROG	Integration of newly installed Network Components	\$3,515.00	\$0.00	\$3,515.00
16	1	PROG	Onsite Installation and SAT	\$1,480.00	\$0.00	\$1,480.00
17						
18			Modification and Integration of Beltpress PanelView			
19	1	PROG	Modification and Programming the PanelView 600	\$3,885.00	\$0.00	\$3,885.00
20	1	PROG	Installation and Configuration of new Components	\$5,920.00	\$0.00	\$5,920.00
21	1	PROG	Onsite Installation and SAT	\$2,220.00	\$0.00	\$2,220.00
22						
23						
24						
25						
26						
27						
28					Labor Total	\$65,860.00
29					Material Total	\$0.00
30					Shipping Total	\$0.00
31						
32					Grand Total	\$65,860.00





**CARPINTERIA**  
Sanitary District

5300 Sixth Street  
Carpinteria, CA 93013

Phone (805) 684-7214 ■ Fax (805) 684-7213

February 18, 2015

Mr. Nader Vakilian  
AIA Automation, Inc.  
5974 Maury Ave.  
Woodland Hills, CA 91367

**Subject: Carpinteria Sanitary District Cash Contract No. 414  
Amendment No. 2**

Dear Nader,

This letter authorizes a second amendment to the scope of services and fee estimate for the subject agreement between AIA Automation, Inc. and the Carpinteria Sanitary District (District). A \$65,860 augmentation to the contract was authorized by the District Board of Directors at their February 17, 2015 regular meeting based on your letter proposal (price quotation) dated February 12, 2015. The required additional services include complete SCADA programming and integration services in support of the District's Aerated Sludge Holding Tank Replacement Project, including local HMI programming for three discrete PLCs and configuration of a new fiber optic switch on the new plant communication network. The revised contract amount is \$89,860 and the term of the contract is hereby extended through December 31, 2015.

Thank you very much for your assistance on this project. Please don't hesitate to contact me at 684-7214 x12 or by email at [craigm@carpsan.com](mailto:craigm@carpsan.com) with any questions or comments.

Sincerely,  
CARPINTERIA SANITARY DISTRICT

Craig M. Murray, P.E.  
General Manager

Enclosure

bcc: Mark Bennett – Carpinteria Sanitary District

P:\General\Cash Contracts\CC370\_AIA\_amend1.doc



# CARPINTERIA SANITARY DISTRICT CSD BUDGET DETAIL

January 2015

						Percentage YTD		58%	
Account Number	Description	2014/2015 Budget	Y-T-D Estimate	Y-T-D Actual	Y-T-D Variance	Unexpen. Balance	Expended Balance (%)	Current Month	
<b><u>Personnel Expenses</u></b>									
5010	Regular Salaries	1,395,900	832,171	763,733	68,438	632,167	55%	110,443	
5030	Overtime	12,500	7,452	4,348	3,104	8,152	35%	550	
5040	Special Duty Pay	36,400	21,700	19,394	2,306	17,006	53%	2,726	
5050	Directors' Fees	16,300	9,717	6,200	3,517	10,100	38%	700	
Total Wages		1,461,100	871,040	793,674	77,366	667,426	54%	114,419	
<b><u>Employee Benefits</u></b>									
5111	PERS	275,500	164,240	143,806	20,434	131,694	52%	19,945	
5112	Social Security	109,900	65,517	56,497	9,020	53,403	51%	8,634	
5120	Medical Insurance	232,000	135,333	109,724	25,609	122,276	47%	(593)	
5122	Unemployment Insurance	6,400	3,815	3,548	268	2,852	55%	3,339	
5124	Long-Term Disability	9,300	5,425	5,941	(516)	3,359	64%	0	
5126	Life Insurance	4,300	2,508	2,374	134	1,926	55%	0	
5127	Dental/Vision Self Funding Plan	40,000	23,333	14,272	9,062	25,728	36%	1,567	
5128	Workers' Compensation	120,400	70,233	109,015	(38,782)	11,385	91%	0	Payment for Entire Year
5132	Employee Physicals & First Aid	2,300	1,342	1,161	180	1,139	50%	299	
Total Employee Benefits		800,100	471,748	446,339	25,409	353,761	56%	33,191	
<b>TOTAL PERSONNEL</b>		<b>2,261,200</b>	<b>1,342,788</b>	<b>1,240,013</b>	<b>102,775</b>	<b>1,021,187</b>	<b>55%</b>	<b>147,611</b>	
<b><u>General Expenses</u></b>									
5210	Departmental Expense	11,600	6,767	5,459	1,307	6,141	47%	468	
5215	Office Supplies	6,600	3,850	1,425	2,425	5,175	22%	306	
5222	Directors Confs, Training & Misc.	15,000	8,750	5,706	3,044	9,294	38%	855	
5226	Directors Election Expense	10,000	5,833	0	5,833	10,000	0%	0	
5228	Directors Dental/Vision	12,500	7,292	4,295	2,997	8,205	34%	262	
5231	District Liability Insurance	77,100	44,975	48,840	(3,865)	28,260	63%	9,477	Advanced Payment
5241	Uniform Expenses	7,300	4,258	3,540	718	3,760	48%	494	
5242	Memberships and Dues	23,800	13,883	20,649	(6,765)	3,151	87%	992	Advanced Payment
5244	Conference & Training	24,100	14,058	3,991	10,067	20,109	17%	579	
5246	Employee Education Reimb.	1,500	875	0	875	1,500	0%	0	
5260	Vehicle Fuel Expenses	17,600	10,267	7,938	2,329	9,662	45%	1,245	
5265	Employee Mileage Reimb.	600	350	134	216	466	22%	0	
5270	Equipment Rental and Leases	4,700	2,742	2,399	343	2,301	51%	261	
5290	Licenses and Permits	34,000	19,833	13,260	6,573	20,740	39%	0	
Total General		246,400	143,733	117,635	26,098	128,765	48%	14,938	
<b><u>Environment &amp; Monitoring</u></b>									
5310	Monitoring-Equipment Expense	31,500	18,375	13,575	4,800	17,925	43%	1,395	
5320	Monitoring-Lab Work	18,000	10,500	7,195	3,305	10,805	40%	356	
5330	Prop. 65 Clean-Up Expense	10,000	5,833	0	5,833	10,000	0%	0	
Total Environment & Monit.		59,500	34,708	20,770	13,938	38,730	35%	1,751	
<b><u>Utilities</u></b>									
5410	So. California Gas	1,800	1,050	340	710	1,460	19%	165	
5420	So. California Electric	229,400	133,817	120,454	13,363	108,946	53%	18,466	
5430	Telephone	10,500	6,125	4,444	1,681	6,056	42%	608	
5440	Water	15,100	8,808	5,954	2,855	9,146	39%	797	
5450	Rubbish	5,000	2,917	2,641	275	2,359	53%	385	Advanced Payment
5480	Underground Service Alert	800	467	231	236	569	29%	32	
5490	Building Alarm System	700	408	337	72	363	48%	0	
Total Utilities		263,300	153,592	134,401	19,190	128,899	51%	20,453	

# CARPINTERIA SANITARY DISTRICT CSD BUDGET DETAIL

January 2015

Account Number	Description	2014/2015 Budget	Y-T-D Estimate	Y-T-D Actual	Percentage YTD		Expended Balance (%)	Current Month	
					Y-T-D Variance	Unexpen. Balance			
<b><u>Sludge Disposal</u></b>									
5470	Biosolids Disposal	115,000	67,083	67,209	(126)	47,791	58%	7,849	
	Total Sludge Disposal	115,000	67,083	67,209	(126)	47,791	58%	7,849	
<b><u>Supplies &amp; Equipment</u></b>									
5510	General Supplies	15,000	8,750	8,772	(22)	6,228	58%	1,532	
5521	Odor Control Chemicals	70,000	40,833	44,248	(3,415)	25,752	63%	3,278	Advanced Payment
5522	Chlorine-SO2	100,000	58,333	73,421	(15,088)	26,579	73%	10,640	Bulk Purchased
5524	Polymers	31,000	18,083	11,786	6,297	19,214	38%	0	
5525	Tools/Small Parts	2,000	1,167	542	625	1,458	27%	542	
5526	Fuel, Diesel, Lubricants	7,500	4,375	7,942	(3,567)	(442)	106%	2,353	Bulk Purchased
5527	Safety Equipment	5,700	3,325	2,348	977	3,352	41%	478	
	Total Supplies & Equipment	231,200	134,867	149,058	(14,191)	82,142	64%	18,822	
<b><u>Repairs &amp; Maintenance</u></b>									
5610	Equipment (minor)	17,900	10,442	4,161	6,280	13,739	23%	746	
5620	Building Maintenance	11,000	6,417	3,304	3,113	7,696	30%	864	
5630	Grounds Maintenance	11,500	6,708	10,566	(3,858)	934	92%	346	Tree Maintenance
5640	Vehicles Maintenance	11,600	6,767	6,064	703	5,536	52%	285	Vactor Service
5650	Treatment Plant Maintenance	47,000	27,417	24,128	3,289	22,872	51%	1,828	
5680	Pump Station Maintenance	10,500	6,125	6,906	(781)	3,594	66%	1,448	Advanced Payment
5690	Collection System Maintenance	82,000	47,833	11,166	36,667	70,834	14%	44	
	Total Repairs & Maint.	191,500	111,708	66,295	45,413	125,205	35%	5,562	
<b><u>Professional Services</u></b>									
5821	Accounting (Annual Audit)	9,100	5,308	9,100	(3,792)	0	100%	0	Payment for Entire Year
5831	Legal Counsel	40,000	23,333	28,525	(5,192)	11,475	71%	0	
5843	Computer-Related Expenses	29,000	16,917	14,132	2,785	14,868	49%	650	Advanced Payment
5844	SCADA Related Expenses	23,000	13,417	11,982	1,435	11,018	52%	3,612	Advanced Payment
5847	Public Relations	20,000	11,667	19,745	(8,078)	256	99%	740	Advanced Payment
5849	Professional Services	24,000	14,000	317	13,683	23,683	1%	0	
5851	Payroll Service-Paychex	4,800	2,800	2,153	647	2,647	45%	309	
5855	IDP/Monitoring Source Control	500	292	0	292	500	0%	0	
	Total Professional Services	150,400	87,733	85,954	1,780	64,446	57%	5,311	
<b><u>Other Expenses</u></b>									
6020	Admin Charges-SB County	10,000	5,833	0	5,833	10,000	0%	0	
6030	Debt Services Administration Fee	3,200	1,867	2,465	(598)	735	77%	0	Advanced Payment
6031	LAFCO Pro-Rata Costs	3,800	2,217	4,698	(2,481)	(898)	124%	0	Payment for Entire Year
6032	Regional Grant/Planning Costs	26,200	15,283	25,821	(10,538)	379	99%	0	Payment for Entire Year
	Total Other Expenses	43,200	25,200	32,984	(7,784)	10,216	76%	0	
<b>GRAND TOTALS</b>		3,561,700	2,101,413	1,914,320	187,094	1,647,380	54%	222,298	

**CARPINTERIA SANITARY DISTRICT**  
**CAPITAL IMPROVEMENT PROJECT (CIP) EXPENDITURES**  
**FY 2014/2015**

Date: January 2015

CIP No.	Funding Source	Description	Project Starting Date	Budget	Project Cost to Date	% Expended	YTD Expense	MTD Expense	Variance	Comments
P-132	CIP	Plum Street Sewer Replacement Project	7/1/2010	\$ 1,000,000	80,459	8%	0	0	919,541	In Design
P-138	CIP	Aerobic Digester Replacement Project	3/1/2012	\$ 6,850,000	3,052,486	45%	2,164,908	213,897	3,797,514	In Construction
P-148	CIP	Carpinteria Creek Suspended Line Crossing Restoration	2/1/2014	\$ 200,000	42,370	21%	3,612	0	157,630	In Design
P-150	CIP	Computerized Maintenance Management System	2/1/2014	\$ 50,000	53,853	108%	23,999	13,453	-3,853	In Progress
P-152	CIP/DIF	Santa Claus Lane Area Sewer Improvements	2/1/2014	\$ 180,000	0	0%	0	0	180,000	On Hold
P-154	CIP	Clarifier Mechanical Retrofit Project	4/1/2014	\$ 56,000	0	0%	0	0	56,000	Equipment Ordered
P-155	CIP	GPS Locating Unit	7/1/2014	\$ 16,000	15,884	99%	15,884	0	116	Completed Sep 2014
P-156	CIP	Sewer Lateral Jetter Package	10/1/2014	\$ 24,000	23,459	98%	0	0	541	Completed Nov 2014
P-157	CIP	PLC Replacement and Communication Upgrade	10/1/2014	\$ 90,000	54,397	60%	15,884	27,935	35,603	In Progress
	CIP	Lab and Breakroom Improvements		\$ 100,000	0	0%	23,459	0	100,000	
	CIP	Garage Building		\$ 140,000	0	0%	54,397	0	140,000	
	CIP	Admin Building Replacement Design		\$ 200,000	0	0%	0	0	200,000	In Progress
Totals				8,906,000	3,322,907		2,302,143	255,285	5,583,093	

Assessment District 2007-1 Projects

CIP No.	Funding Source	Description	Project Starting Date	Budget	Project Cost to Date	% Expended	YTD Expense	MTD Expense	Variance	Comments
P-201	Bonds	Rincon Point, Zone A	4/1/2009	\$ 5,281,217	5,159,375	98%	840,787	0	121,843	Construction Completed
Totals				\$ 5,281,217	5,159,375	98%	840,787	279,257	121,843	