

City of Garden Grove  
**INTER-DEPARTMENT MEMORANDUM**

To: Matthew J. Fertal From: Keith G. Jones  
Dept.: City Manager Dept.: Public Works  
Subject: RECOMMENDATION TO AWARD CONTRACT FOR WESTHAVEN BOOSTER PUMP STATION NATURAL GAS ENGINE DRIVEN PUMP CONVERSION PROJECT NO. 7391 Date: June 22, 2010

OBJECTIVE

To recommend that the City Council award a contract for the construction of Project No. 7391 - Westhaven Booster Pump Station Natural Gas Engine Driven Pump Conversion Project.

BACKGROUND

The emissions from natural gas engine pumps are identified as air pollutants and regulated by the South Coast Air Quality Control Management District (AQMD). More stringent emission standards and monitoring requirements have been adapted by AQMD over the last few years. The costs to operate and maintain natural gas engine pumps have increased significantly due to AQMD requirements and age of the pumps. In addition, replacement parts for these engines are usually not available due to the age and non-standardization of the engines. The Water Master Plan has identified the Westhaven Booster Pump Station as the largest and oldest pump station, and rated it to be the first priority pump station to have its natural gas engine driven pumps converted to emission free electric motor driven pumps.

This project consists of demolition and removal of existing natural gas engines, engine pads, Murphy panels, and supporting equipment; demolition and removal of existing site improvements, such as concrete curb and gutter and asphalt concrete pavement; furnishing and installation of new vertical turbine pumps and motors, switchgears, VFD and controls, and emergency generator set; providing PLC programming and SCADA system integration services; construction of masonry unit block building to house the new emergency generator set and electrical equipment, including lighting, HVAC, doors, etc.; relocation of existing natural gas service and buried power lines; replacement of existing flow meters, pipe spools, valves and fittings; and rehabilitation, repair and/or improvement of existing flow control valve, pump building, vault, pavement, sidewalk and landscaping.

ANALYSIS

Pursuant to Public Contract Code Section 20651.5, contractors were pre-qualified prior to the invitation for bids. Seven (7) bids were received from pre-qualified contractors, and opened by the City Clerk's Office at City Hall at 11:00 a.m. on May 26, 2010 (see Bid Summary Sheet).

The bid specifications provided for a specific Instrumentation System Integrator or an "or equal" substitute. Bidders were required to submit to the City any "or equal" integrator substitute 15 days before the bid submittal date to allow the City the opportunity to review

RECOMMENDATION TO AWARD CONTRACT FOR WESTHAVEN BOOSTER PUMP STATION  
NATURAL GAS ENGINE DRIVEN PUMP CONVERSION PROJECT NO. 7391

June 22, 2010

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and approve the proposed substitute integrator in advance. Neither the apparent low bidder, SCW Contracting Corporation (SCW), nor the apparent second low bidder, Pascal and Ludwig Construction (Pascal and Ludwig)) complied with this bid specification requirement. They did not use the specified integrator in their bid submittal and did not submit a proposed "or equal" integrator to the City. The failure to do so provided SCW and Pascal and Ludwig an unfair advantage in the competitive bid process. As such, the bids from both SCW and Pascal and Ludwig are non-responsive. (A copy of the relevant portion of the bid specifications is attached.)

Therefore, the third apparent low bidder, Cora Constructors, Inc., is the lowest responsive bidder with a total bid of \$2,009,000. This bid is within the current project budget. The licenses and references of the contractor have been reviewed and verified by staff, and all other documentation is in order.

The anticipated contract schedule is as follows:

|                              |                        |
|------------------------------|------------------------|
| <i>Award contract</i>        | <i>June 22, 2010</i>   |
| <i>Begin construction</i>    | <i>August 22, 2010</i> |
| <i>Complete construction</i> | <i>April 22, 2011</i>  |

FINANCIAL IMPACT

This project will be financed with Water Funds. This project will have no impact on the General Fund.

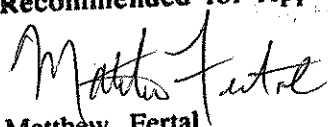
RECOMMENDATION

It is recommended that the City Council:

- Award contract to Cora Constructors, Inc. for \$2,009,000.
- Declare the bids submitted by both SCW Contracting Corporation and Pascal and Ludwig Construction as non-responsive.
- Reject all other bids.
- Authorize the City Manager to execute the agreement on behalf of the City.

  
KEITH G. JONES  
Public Works Director

  
By: Samuel Kim  
Project Engineer

**Recommended for Approval**  
  
Matthew Fertal  
City Manager

Attachments: 1) Bid Summary Sheet  
2) Location Map  
3) Construction Agreement  
4) Excerpt of Bid Specifications

**CITY OF GARDEN GROVE  
PUBLIC WORKS DEPARTMENT**

**RESPONSIVE BID SUMMARY SHEET**

PROJECT: Westhaven Booster Pump Station  
Natural Gas Engine Drive Pump  
Conversion Project No. 7391

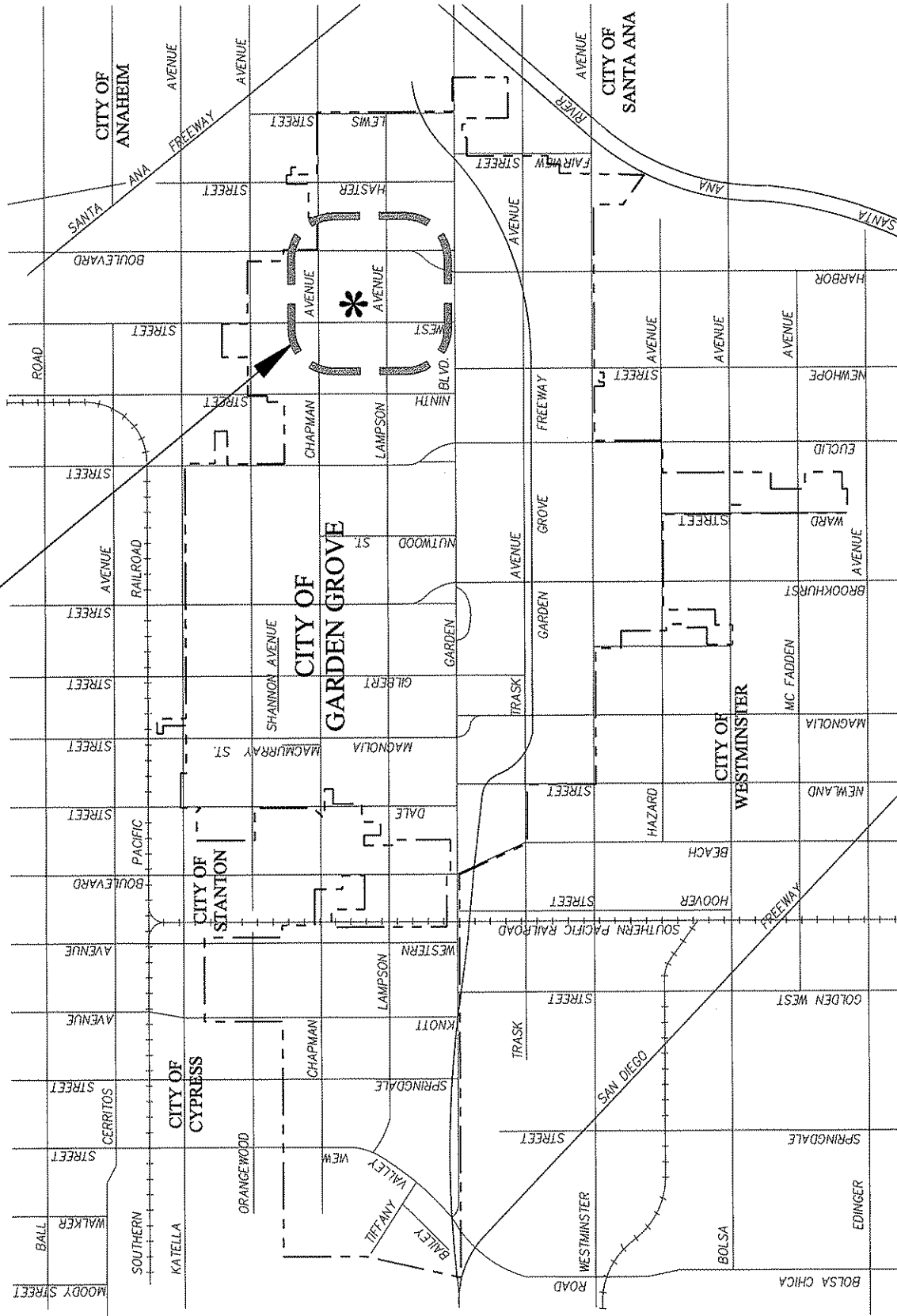
BID OPENING  
DATE: May 26, 2010  
TIME: 11:00 AM

| <u>Facility Name</u>   | <u>Engineer's Estimate</u> | <u>Contract Amount</u> |
|--|----------------------------|------------------------|
| Westhaven Booster Pump Station<br>Natural Gas Engine Drive Pump<br>Conversion Project No. 7391 | \$1,750,000                | \$2,009,000            |

| <u>Responsive Bidder's Name</u> | <u>Total Bid</u> | <u>%Under /Over Engineers Estimate</u> |
|---------------------------------|------------------|--|
| 1. Cora Constructors, Inc.      | \$ 2,009,000     | +14.8%                                 |
| 2. Tamang Electric, Inc.        | \$ 2,123,160     | +21.3%                                 |
| 3. SS Mechanical Corp.          | \$ 2,165,430     | +23.7%                                 |
| 4. Schuler Engineering Corp.    | \$ 2,187,000     | +25.0%                                 |
| 5. GCI Corporation, Inc.        | \$ 2,386,240     | +36.4%                                 |

ATTACHMENT NO. 2

PROJECT LOCATIONS

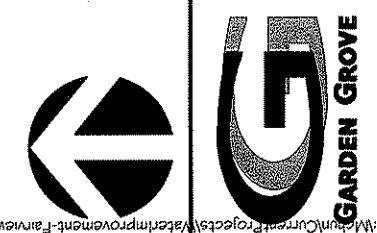


PROJECT LOCATION MAP

|                      |   |                     |             |
|----------------------|---|---------------------|-------------|
| CHECKED BY:<br>S.K.  | SCALE:<br>N.T.S.  | PROJECT NO.<br>7391 | DRAWING NO. |
| PREPARED BY:<br>M.C. | CITY OF GARDEN GROVE PROJECT #7391<br>WESTHAVEN BOOSTER PUMP STATION<br>NATURAL GAS ENGINE CONVERSION |                     |             |
| DRAWN BY:<br>M.C.    |   |                     |             |



City of Garden Grove  
Department Of Public Works



SECTION 5 - AGREEMENT

**CONSTRUCTION AGREEMENT**

THIS AGREEMENT is made this 22<sup>nd</sup> day of June, 2010, by the CITY OF GARDEN GROVE ("CITY"), and CORA CONSTRUCTORS, INC., hereinafter referred to as ("CONTRACTOR")

RECITALS:

The following recitals are a substantive part of this Agreement:

1. This Agreement is entered into pursuant to City of Garden Grove Authorization dated June 22, 2010.
2. CITY desires to utilize the services of CONTRACTOR to furnish material, equipment, and labor for the **Westhaven Booster Pump Station Natural Gas Engine Driven Pump Conversion Project, Project No. 7391**.
3. CONTRACTOR is qualified by virtue of experience, training, education, and expertise to accomplish services.

AGREEMENT

THE PARTIES MUTUALLY AGREE AS FOLLOWS:

- 5.1 **General Conditions.** CONTRACTOR certifies and agrees that all the terms, conditions and obligations of the Contract Documents as hereinafter defined, the location of the job site, and the conditions under which the work is to be performed have been thoroughly reviewed, and enters into this Contract based upon CONTRACTOR'S investigation of all such matters and is in no way relying upon any opinions or representations of CITY. It is agreed that this Contract represents the entire agreement. It is further agreed that the Contract Documents including the Notice Inviting Bids, Special Instructions to Bidders, if any, Plans, Specifications, and CONTRACTOR's Proposal, are incorporated in this Contract by reference, with the same force and effect as if the same were set forth at length herein, and that CONTRACTOR and its subcontractors, if any, will be and are bound by any and all of said Contract Documents insofar as they relate in any part or in any way, directly or indirectly, to the work covered by this Contract.

"Project" as used herein defines the entire scope of the work covered by all the Contract Documents. Anything mentioned in the Specifications and not indicated in the Plans, or indicated in the Plans and not mentioned in the Specifications, shall be of like effect as if indicated and mentioned in both. In case of discrepancy in the Plans or Specifications, the matter shall be immediately submitted to CITY'S Engineer, without whose decision CONTRACTOR shall not adjust said discrepancy save only at CONTRACTOR'S own risk and expense. The decision of the Engineer shall be final.

**SECTION 5 - AGREEMENT** (Continued)

- 5.2 Materials and Labor.** CONTRACTOR shall furnish, under the conditions expressed in the Plans and Specifications, at CONTRACTOR'S own expense, all labor and materials necessary, except such as are mentioned in the Specifications to be furnished by the CITY, to construct and complete the project, in good workmanlike and substantial order. If CONTRACTOR fails to pay for labor or materials when due, CITY may settle such claims by making demand upon the surety to this Agreement. In the event of the failure or refusal of the surety to satisfy said claims, CITY may settle them directly and deduct the amount of payments from the Contract price and any amounts due to CONTRACTOR. In the event CITY receives a stop notice from any laborer or material supplier alleging non-payment by CONTRACTOR, CITY shall be entitled to deduct all of its costs and expenses incurred relating thereto, including but not limited to administrative and legal fees.
- 5.3 Project.** The PROJECT is described as: **Westhaven Booster Pump Station Natural Gas Engine Driven Pump Conversion Project, Project No. 7391.**
- 5.4 Plans and Specifications.** The work to be done is shown in a set of detailed Plans and Specifications entitled: **Westhaven Booster Pump Station Natural Gas Engine Driven Pump Conversion Project, Project No. 7391.**

Said Plans and Specifications and any revision, amendments or addenda thereto are attached hereto and incorporated herein as part of this Contract and referred to by reference. The work to be done must also be in accordance with the General Provisions, Standard Specifications and Standard Plans of the CITY, which are also incorporated herein and referred to by, reference.

- 5.5 Time of Commencement and Completion.** CONTRACTOR shall have **twenty-one (21) calendar days from the award of the Contract** to execute the Contract and supply the CITY with all the documents and information required by the Instructions to Bidders and the other Contract Documents, including but not limited to, the necessary bonds and insurance certificates and endorsements. Once the CITY receives the executed contract and all of the other properly drafted and executed documents and information, it may issue a Notice to Proceed to the CONTRACTOR. If CONTRACTOR refuses or fails to provide the required documents and information within the twenty-one (21) calendar days, the CITY may then rescind the award of the Contract and then award the Contract to the next lowest responsive and responsible bidder.
- Upon receipt of the Notice to Proceed, CONTRACTOR agrees to submit shop drawings **within fourteen (14) calendar days**. Further, upon receipt of the Notice to Proceed, the CONTRACTOR shall diligently prosecute the work to completion within **one hundred ninety-six (196) calendar days** excluding delays caused or authorized by the CITY as set forth in Sections 5.7, 5.8 and 5.9 hereof.
- 5.6 Time is of the Essence.** Time is of the essence of this Contract. As required by the Contract Documents, CONTRACTOR shall prepare and obtain approval of all shop drawings, details and samples, and do all other things necessary and incidental to the prosecution of CONTRACTOR'S work in conformance with an approved construction

**SECTION 5 - AGREEMENT** (Continued)

progress schedule. CONTRACTOR shall coordinate the work covered by this Contract with that of all other CONTRACTORS, subcontractors and of the CITY, in a manner that will facilitate the efficient completion of the entire work in accordance with Section 5.5 herein. CITY shall have complete control of the premises on which the work is to be performed and shall have the right to decide the time or order in which the various portions of the work shall be installed or the priority of the work of other sub CONTRACTORS, and, in general, all matters representing the timely and orderly conduct of the work of CONTRACTOR on the premises.

- 5.7 **Excusable Delays.** CONTRACTOR shall be excused for any delay in the prosecution or completion of the Project caused by acts of God; inclement weather; damages caused by fire or other casualty for which CONTRACTOR is not responsible; any act of negligence or default of CITY; failure of CITY to make timely payments to CONTRACTOR; late delivery of materials required by this CONTRACT to be furnished by CITY; combined action of the workers in no way caused by or resulting from default or collusion on the part of CONTRACTOR; a lockout by CITY; or any other delays unforeseen by CONTRACTOR and beyond CONTRACTOR'S reasonable control.

CITY shall extend the time fixed in Section 5.5 herein for completion of the Project by the number of days CONTRACTOR has thus been delayed, provided that CONTRACTOR presents a written request to CITY for such time extension within fifteen (15) days of the commencement of such delay and CITY finds that the delay is justified. CITY'S decision will be conclusive on the parties to this Contract. Failure to file such request within the time allowed shall be deemed a waiver of the claim by CONTRACTOR.

No claims by CONTRACTOR for additional compensation or damages for delays will be allowed unless CONTRACTOR satisfies CITY that such delays were unavoidable and not the result of any action or inaction of CONTRACTOR and that CONTRACTOR took all available measures to mitigate such damages. Extensions of time and extra compensation as a result of incurring undisclosed utilities would be determined in accordance with SPECIAL PROVISIONS and Section 3-3 of the Standard Specifications for Public Works Construction 2009 Edition (GREEN BOOK). The CITY'S decision will be conclusive on all parties to this Contract.

- 5.8 **Extra Work.** The Contract price includes compensation for all work performed by CONTRACTOR, unless CONTRACTOR obtains a written change order signed by a designated representative of CITY specifying the exact nature of the extra work and the amount of extra compensation to be paid all as more particularly set forth in Section 5.9 hereof.

CITY shall extend the time fixed in Section 5.5 for completion of the Project by the number of days reasonably required for CONTRACTOR to perform the extra work, as determined by CITY'S Engineer. The decision of the Engineer shall be final.

**SECTION 5 - AGREEMENT** (Continued)

**5.9 Changes in Project.**

5.9.1 CITY may at any time, without notice to any surety, by written order designated or indicated to be a change order, make any change in the work within the general scope of the Contract, including but not limited to changes:

- a. In the Specifications (including drawings and designs);
- b. In the time, method or manner of performance of the work;
- c. In the CITY -furnished facilities, equipment, materials, services or site; or
- d. Directing acceleration in the performance of the work.

If CONTRACTOR believes that the written order issued as part of this Section 5.9.1 has caused an increase in costs or time, the CONTRACTOR shall submit a written request for equitable adjustment to the CITY that includes a detailed cost breakdown and time impact analysis in sufficient detail to allow the CITY to analyze the request. Said notice shall be submitted via certified mail within twenty (20) days of the CONTRACTOR'S receipt of the written order. CONTRACTOR'S failure to submit the written request for equitable adjustment within the required twenty (20) days shall constitute a waiver of any potential change order or claim for said alleged change. The CITY shall review CONTRACTOR'S request and shall provide a written response within thirty (30) days of receipt of the request either approving or denying the request.

5.9.2 A change may also be any other conflict, difficulty or issue which the CONTRACTOR believes caused any change to the CONTRACTOR'S costs or project schedule, provided CONTRACTOR gives the CITY written notice and a request for equitable adjustment that includes a detailed cost breakdown and time impact analysis in sufficient detail to allow the CITY to analyze the request. The notice shall also state the date the CONTRACTOR became aware of the issue, circumstances and source of the issue and that CONTRACTOR regards the issue as a change order. Said written notice shall be delivered to the CITY via certified mail within twenty (20) days of CONTRACTOR'S first notice of the issue. CONTRACTOR'S failure to submit the notice, which includes the written request for equitable adjustment within the required twenty (20) days shall constitute a waiver of any potential change order or claim for said alleged change. The CITY shall review CONTRACTOR'S request and shall provide a written response within thirty (30) days of receipt of the request either approving or denying the request.

5.9.3 Except as provided in this Section 5.9, no order, statement or conduct of the CITY or its representatives shall be treated as a change under this Section 5.9 or entitle CONTRACTOR to an equitable adjustment.

5.9.4 Except for claims based on defective specifications, no claim for any change under paragraph 5.9.1 or 5.9.2 above shall be allowed for any work performed more than 20 days before the CONTRACTOR gives written notice as required in paragraphs 5.9.1 and 5.9.2. In the case of defective specifications for which the CITY is responsible, the equitable adjustment shall include any increased direct cost CONTRACTOR reasonably incurred in attempting to comply with those defective specifications.



**SECTION 5 - AGREEMENT** (Continued)

- 5.9.5 If CONTRACTOR intends to assert a claim for an equitable adjustment under this Section 5.9, it must, within thirty (30) days after receipt of a denial of a request for equitable adjustment under paragraphs 5.9.1 and 5.9.2, submit a written statement to the CITY setting forth the general nature and monetary extent of such claim. The CITY may extend the 30-day period. CONTRACTOR'S failure to submit the notice of a claim, within the required thirty (30) days shall constitute a waiver of the claim by the CONTRACTOR.
- 5.9.6 No claim by CONTRACTOR for an equitable adjustment shall be allowed if made after final payment under this Agreement.
- 5.9.7 CONTRACTOR hereby agrees to make any and all changes, furnish the materials and perform the work that CITY may require without nullifying this Contract. CONTRACTOR shall adhere strictly to the Plans and Specifications unless a change there from is authorized in writing by the CITY. Under no condition shall CONTRACTOR make any changes to the Project, either in additions or deductions, without the written order of the CITY and the CITY shall not pay for any extra charges made by CONTRACTOR that have not been agreed upon in advance in writing by the CITY. CONTRACTOR shall submit immediately to the CITY written copies of its firm's cost or credit proposal for change in the work. Disputed work shall be performed as ordered in writing by the CITY and the proper cost or credit breakdowns therefore shall be submitted without delay by CONTRACTOR to CITY.
- 5.10 **Liquidated Damages for Delay.** The parties agree that if the total work called for under this Contract, in all parts and requirements, is not completed within the time specified in Section 5.5 herein, plus the allowance made for delays or extensions authorized under Sections 5.7, 5.8 and 5.9 herein, the CITY will sustain damage which would be extremely difficult and impractical to ascertain. The parties therefore agree that CONTRACTOR will pay to CITY the sum of **One Thousand and One hundred dollars (\$1,100.00) per day** for each and every calendar day during which completion of the Project is so delayed. CONTRACTOR agrees to pay such liquidated damages and further agrees that CITY may offset the amount of liquidated damages from any monies due or that may become due CONTRACTOR under the Contract.
- 5.11 **Contract Price and Method of Payment.** CITY agrees to pay and the CONTRACTOR agrees to accept as full consideration for the faithful performance of this Contract, subject to any subsequent additions or deductions as provided in approved change orders, the sum of **Two Million Nine Thousand Dollars and 00/100 (\$2,009,000.00)** as itemized in the bid proposal.

Progress payments shall be made to the CONTRACTOR on a monthly basis for each successive month as the work progresses. The CONTRACTOR shall be paid such sum as will bring the total payments received since the commencement of the work up to ninety percent (90%) of the value of the work completed, less all previous payments, provided that the CONTRACTOR submits the request for payment prior to the end of the day required to meet the payment schedule. The CITY will retain ten percent (10%) of the amount of each such progress estimate and material cost until 30 days after the recordation of the Notice of Completion.

**SECTION 5 - AGREEMENT** (Continued)

Payments shall be made on demands drawn in the manner required by law, accompanied by a certificate signed by the CITY'S Engineer, stating that the work for which payment is demanded has been performed in accordance with the terms of the Contract. Partial payments of the Contract price shall not be considered as an acceptance of any part of the work.

- 5.12 Substitution of Securities in Lieu of Retention of Funds.** Pursuant to California Public Works Contract Code § 22300, the CONTRACTOR will be entitled to post approved securities with the CITY or an approved financial institution in order to have the CITY release funds retained by the CITY to ensure performance of the Contract. CONTRACTOR shall be required to execute an addendum to this Contract together with escrow instructions and any other documents in order to effect this substitution.
- 5.13 Completion.** Within 10 days after the contract completion date of the Project, CONTRACTOR shall file with the CITY'S Engineer its affidavit stating that all workers and persons employed, all firms supplying materials, and all subCONTRACTORS upon the Project have been paid in full, and that there are no claims outstanding against the Project for either labor or material, except those certain items, if any, to be set forth in an affidavit covering disputed claims, or items in connection with Stop Notices which have been filed under the provisions of the statutes of the State of California. CITY may require affidavits or certificates of payment and/or releases from any subCONTRACTOR, laborer or material supplier.
- 5.14 CONTRACTOR 's Employees Compensation**
- 5.14.1 General Prevailing Rate.** CITY has ascertained from the State of California Director of Industrial Relations, the general prevailing rate of per diem wages and the general prevailing rate for legal holiday and overtime work in the locality in which the work is to be performed for each craft or type of work needed to execute this Contract, and copies of the same are on file in the Office of the City Engineer. The CONTRACTOR agrees that not less than said prevailing rates shall be paid to workers employed on this public works contract as required by Labor Code Section 1774 of the State of California.
- 5.14.2 Forfeiture for Violation.** CONTRACTOR shall, as a penalty to the CITY, forfeit one hundred dollars (\$100.00) for each calendar day or portion thereof for each worker paid (either by the CONTRACTOR or any subCONTRACTOR under it) less than the prevailing rate of per diem wages as set by the Director of Industrial Relations, in accordance with Sections 1770-1780 of the California Labor Code for the work provided for in this Contract, all in accordance with Section 1775 of the Labor Code of the State of California.
- 5.14.3 Travel and Subsistence Pay.** Section 1773.8 of the Labor Code of the State of California, regarding the payment of travel and subsistence payments, is applicable to this Contract and CONTRACTOR shall comply therewith.
- 5.14.4 Apprentices.** Section 1777.5, 1777.6 and 1777.7 of the Labor Code of the State of California, regarding the employment of apprentices is applicable to this Contract and the CONTRACTOR shall comply therewith if the prime contract involves thirty thousand dollars (\$30,000.00) or more or twenty (20) working days,

**SECTION 5 - AGREEMENT** (Continued)

or more; or if contracts of specialty CONTRACTORS not bidding for work through the general or prime CONTRACTOR are two thousand dollars (\$2,000.00) or more for five (5) working days or more.

**5.14.5 Workday.** In the performance of this Contract, not more than eight (8) hours shall constitute a day's work, and CONTRACTOR shall not require more than eight (8) hours of labor in a day from any person employed by him hereunder except as provided in paragraph (5.14.2) above. CONTRACTOR shall conform to Article 3, Chapter 1, Part 7 (Sections 1810 et seq.) of the Labor Code of the State of California and shall forfeit to the CITY as a penalty, the sum of twenty-five Dollars (\$25.00) for each worker employed in the execution of this Contract by CONTRACTOR or any subCONTRACTOR for each calendar day during which any worker is required or permitted to labor more than eight (8) hours in any one calendar day and forty (40) hours in any one week in violation of said Article. CONTRACTOR shall keep an accurate record showing the name and actual hours worked each calendar day and each calendar week by each worker employed by CONTRACTOR in connection with the Project.

**5.14.6 Record of Wages: Inspection.** CONTRACTOR agrees to maintain accurate payroll records showing the name, address, social security number, work classification, straight-time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed by it in connection with the Project and agrees to require that each of its subCONTRACTORS does the same. The applicable CONTRACTOR or subCONTRACTOR or its agent having authority over such matters shall certify all payroll records as accurate. CONTRACTOR further agrees that its payroll records and those of its subCONTRACTORS shall be available to the employee or employee's representative, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards and shall comply with all of the provisions of Labor Code Section 1776, in general. The CONTRACTOR shall submit copies of certified payroll reports and cancelled checks for labors, every two weeks to the Engineer. Certified payroll and cancelled checks submittals are due one month after start of construction and ever two weeks thereafter. *If the certified payroll and cancelled checks are not submitted, the CONTRACTOR will be notified that compliance is required within five (5) working days or contract work must cease. The CITY will not be responsible for any delay or acceleration charges or any incurred costs or damages as a result of the work stoppage due to CONTRACTOR's failure to comply.* Work shall be ceased in an orderly, safe fashion with all vehicle access restored. Should this not occur, CITY will correct the deficiencies and deduct the cost from funds due to the CONTRACTOR. In addition, no progress payment shall be made until the copies of certified payroll reports and cancelled checks are submitted.

**5.15 Surety Bonds.** CONTRACTOR shall, upon entering into performance of this Agreement, furnish bonds in the amount of one hundred percent (100%) of the Contract price bid, to guarantee the faithful performance of the work, and the other in the amount of one hundred percent (100%) of the Contract price bid to guarantee payment of all claims for labor and materials furnished. This Contract shall not become effective until such bonds are supplied to and approved by the CITY.

SECTION 5 - AGREEMENT (Continued)

**5.16**     Insurance.

5.16.1     CONTRACTOR is also aware of the provisions of Section 3700 of the Labor Code, which requires every employer to be insured against liability for Workers' Compensation or undertake self-insurance in accordance with the provisions of that Code, and will comply with such provisions before commencing the performance of the work of this Contract.

5.16.2     CONTRACTOR and all subCONTRACTORs shall carry workers' compensation insurance for the protection of its employees during the progress of the work. The insurer shall waive its rights of subrogation against the CITY, its officers, agents and employees and shall issue a certificate to the policy evidencing same.

5.16.3     CONTRACTOR shall at all times carry, on all operations hereunder, bodily injury, including death, and property damage liability insurance, including automotive operations bodily injury and property damage coverage; and builders' all risk insurance. All insurance coverage shall be in amounts specified by the CITY in the Insurance Requirements and shall be evidenced by the issuance of a certificate and additional insured endorsement in forms prescribed by the CITY and shall be underwritten by insurance companies satisfactory to the CITY for all operations, subcontract work, contractual obligations, product or completed operations, all owned vehicles and non-owned vehicles. Said insurance coverage obtained by the CONTRACTOR, excepting workers' compensation coverage, shall name the CITY, its Officers, Agents, Employees, Engineers, and Consultants for this Contract, and all public agencies from whom permits will be obtained and their Directors, Officers, Agents and Employees, as determined by the CITY, as additional insured on said policies. Additional insured status shall be evidenced in the form of an Additional insured Endorsement (CG 20 10 1185). A sample is included in the appendix of the specifications for reference.

For any claims related to this Project, the CONTRACTOR's insurance coverage shall be primary insurance as respects the CITY, its Officers, Agents, Employees, Engineers, and Consultants. Any insurance or self-insurance maintained by the CITY, its Officers, Agents, Employees, Engineers, and Consultants shall be excess of the CONTRACTOR's insurance and not contribute with it.

5.16.4     Before CONTRACTOR performs any work at, or prepares or delivers materials to, the site of construction, CONTRACTOR shall furnish:

- Certificates of insurance evidencing the foregoing insurance coverage and such certificates shall provide the name and policy number of each carrier and policy.
- Additional insured endorsements evidencing CITY, its Officers, Agents, Employees, Engineers, and Consultants, are additional insured on CONTRACTOR's general liability and auto policies and an additional insured endorsement giving the CITY thirty (30) days written notice of cancellation of such policies.

**SECTION 5 - AGREEMENT** (Continued)

CONTRACTOR shall maintain all of the foregoing insurance coverage in force until the work under this Contract is fully completed. The requirement for carrying the foregoing insurance shall not derogate from the provisions for indemnification of CITY by CONTRACTOR under Section 5.17 of this Contract. Notwithstanding nor diminishing the obligations of CONTRACTOR with respect to the foregoing, CONTRACTOR shall subscribe for and maintain in full force and effect during the life of this Contract, the following insurance in amounts not less than the amounts specified and issued by a company admitted and licensed in California and having a Best's Guide Rating of A-Class VII or better (claims made and modified occurrence policies are not acceptable):

|  |  |
|--|--|
| Workers' Compensation  | As required by the State of California.  |
| Employer's Liability   | \$1,000,000 per accident for bodily injury or disease.                             |
| Commercial General Liability (including operations, products and completed operations) | \$5,000,000 per occurrence for bodily injury, personal injury and property damage. |
| Automobile Liability, including non-owned and hired vehicles                           | \$1,000,000 per accident for bodily injury and property damage.                    |
| Course of Construction   | Completed value of the project with no coinsurance penalty provisions.             |

CITY or its representatives shall at all times have the right to inspect and receive the original or a certified copy of all said policies of insurance, including certificates. CONTRACTOR shall pay the premiums on the insurance hereinabove required.

- 5.17 Risk and Indemnification.** All work covered by this Contract done at the site of construction or in preparing or delivering materials to the site shall be at the risk of CONTRACTOR alone. CONTRACTOR agrees to save, indemnify and keep the CITY, its Officers, Agents, Employees, Engineers, and Consultants for this Contract, and all public agencies from whom permits will be obtained and their directors, Officers, Agents and Employees harmless against any and all liability, claims, judgments, costs and demands, including demands arising from injuries or death of persons (CONTRACTOR'S employees included) and damage to property, arising directly or indirectly out of the obligations herein undertaken or out of the operations conducted by CONTRACTOR, save and except claims or litigation arising through the sole negligence or sole willful misconduct of CITY and will make good to reimburse CITY for any expenditures, including reasonable attorneys' fees CITY may incur by reason of such matters, and if requested by CITY, will defend any such suits at the sole cost and expense of CONTRACTOR.

**5.18 Termination.**

- 5.18.1 This Contract may be terminated in whole or in part in writing by the CITY for its convenience, provided that the CONTRACTOR is given (1) not less than ten (10) calendar days written notice (delivered by certified mail, return receipt requested) of intent to terminate, and (2) an opportunity for consultation with the terminating party prior to termination.

**SECTION 5 - AGREEMENT** (Continued)

5.18.2 If termination for default or convenience is effected by the CITY, an equitable adjustment in the price provided for in this Contract shall be made, but (1) no amount shall be allowed for anticipated profit on unperformed services or other work, and (2) any payment due to the CONTRACTOR at the time of termination may be adjusted to cover any additional costs to the CITY because of the CONTRACTOR'S default.

5.18.3 Upon receipt of a termination action under paragraph (5.18.1) or (5.18.2) above, the CONTRACTOR shall (1) promptly discontinue all affected work (unless the notice directs otherwise), and (2) deliver or otherwise make available to the CITY all data, drawings, specifications, reports, estimates, summaries and such other information and materials as may have been accumulated by the CONTRACTOR in performing this Contract whether completed or in process.

5.18.4 Upon termination under paragraphs (5.18.1) and (5.18.2) above, the CITY may take over the work and may award another party an agreement to complete the work under this Contract.

5.19 **Warranty.** The CONTRACTOR agrees to perform all work under this Contract in accordance with the CITY's designs, drawings and specifications.

The CONTRACTOR guarantees for a period of one (1) year from the date of the notice of completion of the work that the completed work is free from all defects due to faulty materials, equipment or workmanship and that he shall promptly make whatever adjustments or corrections which may be necessary to cure any defects, including repairs or any damage to other parts of the system resulting from such defects. The CITY shall promptly give notice to the CONTRACTOR of observed defects. In the event that the CONTRACTOR fails to make adjustments, repairs, corrections or other work made necessary by such defects, the CITY may do so and charge the CONTRACTOR the cost incurred. The performance bond shall remain in full force and effect through the guarantee period.

The CONTRACTOR'S obligations under this clause are in addition to the CONTRACTOR'S other express or implied assurances of this Contract or state law and in no way diminish any other rights that the CITY may have against the CONTRACTOR for faulty materials, equipment or work.

5.20 **Attorneys' Fees.** If any action at law or in equity is necessary to enforce or interpret the terms of this Contract, each shall bear its own attorneys' fees, costs and necessary disbursements. Notwithstanding the foregoing, if any action is brought against the CONTRACTOR or any subCONTRACTOR to enforce a Stop Notice or Notice to Withhold, which named the CITY as a party to said action, the CITY shall be entitled to reasonable attorneys' fees, costs and necessary disbursements arising out of the defense of such action by the CITY. The CITY shall be entitled to deduct its costs for any Stop Notice filed, whether court action is involved or not.

5.21 **Notices.** Any notice required or permitted under this Contract may be given by ordinary mail at the address set forth below. Any party whose address changes shall notify the other party in writing.

**SECTION 5 - AGREEMENT** (Continued)

**TO CITY:**

City of Garden Grove  
Attention: Samuel Kim, P.E.  
13802 Newhope Street  
Garden Grove, CA 92843  
(714) 741-5534  
(714) 638-9906 Fax

**TO CONTRACTOR:**

Cora Constructors, Inc.  
Attention: Dennis Stockton  
75140 St. Charles Place, Suite A  
Palm Desert, CA 92211  
(760) 674-3201  
(760) 674-8648

**SIGNATURE ON NEXT PAGE**

SECTION 5 - AGREEMENT (Continued)

IN WITNESS THEREOF, these parties have executed this Construction Agreement on the day and year shown below.

Date: \_\_\_\_\_

"CITY"  
CITY OF GARDEN GROVE

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

Keith G. Jones  
Public Works Director

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

Matthew J. Fertal  
City Manager

ATTEST:

\_\_\_\_\_  
City Clerk

Date: \_\_\_\_\_

"CONTRACTOR"

Coca Constructors Inc

CONTRACTOR'S State License No. 766304  
(Expiration Date: 3/3/11)

By: [Signature]

Title: President

Date: 6/10/10

APPROVED AS TO FORM:

[Signature]  
City Attorney

Date 6/15/10

If CONTRACTOR is a corporation, a Corporate Resolution and/or Corporate Seal is required.



**MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF**

**CORA CONSTRUCTORS INC.**

a California Corporation

The Board of Directors held its meeting at the following place and time:

10:00 a.m.

Date: JANUARY 4, 2005

Place: 42240 Green Way, Suite A, Palm Desert, CA 92211

The sole director was present: Dennis E. Stockton who officiated as Chairman of the meeting and acted as Secretary and recorded the minutes of the meeting.

**AUTHORIZATION TO SIGN**

The purpose of this meeting is to provide Dennis E. Stockton with authority to bind the corporation by his signature for any and all documents deemed necessary to conduct the business of the corporation. The motion was made and carried unanimously.

**THEREFORE, BE IT RESOLVED**, that Dennis E. Stockton is given authority to sign any and all documents on behalf of Cora Constructors, Inc., and that such signature is binding to the corporation.

There being no further business, on motion made and carried, the meeting was adjourned at 10:10 a.m.

**RESPECTFULLY SUBMITTED**

  
\_\_\_\_\_  
Dennis E. Stockton, Secretary

**SECTION 17000  
INSTRUMENTATION AND CONTROLS GENERAL REQUIREMENTS**

**PART 1 - GENERAL**

**1.1 Description**

- A. This section provides specifications for all instrumentation and control equipment, panels, and necessary appurtenances for an integrated control system. These specifications and drawings include standards, but do not necessarily enumerate detailed specifications for all components and devices which are necessary. However, all components and devices shall be furnished and installed as required to provide complete and operable systems capable of providing the functions and meeting the performance set forth hereinafter.
- B. The Contractor will replace the Modicon P884 PLC in the existing Main Control Panel with a Modicon Quantum PLC. The new PLC shall be programmed to support the I/O from both the new and existing interface. The Contractor shall provide an Ethernet switch, communication cabling, a desktop computer and laptop computer as specified herein. The Contractor shall provide all PLC and MMI programming.

~~C. The Contractor shall retain a City approved Instrumentation System Integrator for hardware and software modifications. The approved Instrumentation System Integrators are:~~

|    | <u>Contractor</u>              | <u>Contact Person</u> | <u>Phone Number</u> |
|----|--------------------------------|-----------------------|---------------------|
| 1. | Control Automation Design Inc. | Alice Choi            | (213) 219-0655      |
| 2. | or, City approved equal        |                       |                     |

~~Equals shall be submitted 15 days before bids are due. The City has the right to review and approve or reject substitute integrators within 10 days of submission.~~

- D. Wherever submittals are required hereunder, all such submittals by the Contractor shall be submitted to the Engineer.
- E. In these Contract Documents all systems, meters, instruments, and other elements are represented schematically, and are designated by numbers, as derived from criteria in Instrument Society of America Standard ANSI/ISA S5.1. The Contractor shall assign nomenclature and instrument tags on their submittal drawings. ANSI nomenclature and numbers shall be employed exclusively throughout shop drawings, data sheets, computer programming and similar materials. Any other symbols, designations, and nomenclature unique to the manufacturer's standard methods shall not replace those prescribed above.
- F. Should an error be found in a shop drawing during installation or testing of equipment, the correction, including any field changes found necessary, shall be noted on the drawing and submitted finally "as-built" prior to acceptance of the project.
- G. The submittal shall be submitted complete at one time within 60 working days after date of Notice to Proceed. Any incomplete submittal will be rejected and returned without comments