PRE BID INFORMATION

Estimator: Jack Sal  Bid Date/Time: 3/20/19 @ 10am
Bid Title: Pala Lift Station Electrical Equipment Upgrade
Bid No: 13995
Owner: Eastern Municipal Water District
Location: 2270 Trumble Rd. Perris 92570

Estimated Cost: 2.5 Mil  Liquidated Damages 100 per day 
Time of Completion: 365 days
Location of Work: 29170 Front St. Temecula 92589
Bid Submission: MAIL  FAX  WALK-IN  EMAIL  E-BID
Prevailing Wage: YES  NO
Documents Requirements: NOTARY  BOND  LETTER  NONE
Preference: DVBE  MBE  SBE  HUB  DBE/UDBE  NONE

Contact Information
Name: Gabriel Buenagua  E-Mail: Buenagua@emwd.org
Phone: __________________________ Fax: __________________________

Job Walk Information
Mandatory: Yes  No
Date/Time: __________________________
Location: __________________________

Questions Date: 3/19/19 @
Website/Bid Service: emwd.org
Username: __________________________ Password: __________________________
# PROPOSAL PACKAGE INFORMATION SHEET

## SPECIFICATION NO. 13495

**Pala Lift Station Electrical Equipment Upgrade**

## NOTICE TO BIDDERS:

The attached Proposal Package, when completed by you and returned to this District, constitutes your Bid on this specification. Please do not submit the bound copy of the specifications or addenda with your Bid.

The envelope enclosing the proposal **MUST** be sealed and addressed as follows:

<table>
<thead>
<tr>
<th>Regular or Express Mail</th>
<th>FedEx or Hand-Deliver</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Manager, EMWD</td>
<td>General Manager, EMWD</td>
</tr>
<tr>
<td>Attention: Field Engineering Department</td>
<td>Attention: Field Engineering Department</td>
</tr>
<tr>
<td>P.O. Box 8300 / Perris, CA 92572-8300</td>
<td>2270 Trumble Rd / Perris, CA 92570</td>
</tr>
</tbody>
</table>

The envelope **MUST** be plainly marked in the upper left hand corner with the name and address of the bidder, and bear the words:

**Proposal For:**
- (Specification No.)
- (Name of Project)
- (Date and Hour)

## SIGN, COMPLETE, AND SUBMIT THE FOLLOWING:

- Proposal Sheet (C3) **Signature required!**
- Bidding Sheets & Total Bid Price - Unit Price Written In Words, Equipment/Materials List (BS)
- Bidder's Reference (C4)
- Subcontractors List (C5)
- Public Works Contractor Registration Extracts (C22) **Attach extracts of Bidder & Subs listed on C-5 Designation of Subcontractors form. Go to:** [https://cadir.secure.force.com/ContractorSearch](https://cadir.secure.force.com/ContractorSearch)
- Contractor's Licensing Statement (C6)
- Non-Collusion Declaration (C7)
- Iran Contracting Act Certification (C13) (required if bid is over $1 million)
- Cal Osha Form 300A (C16)
- Contractor's Cal Osha Compliance History and SIC Code (C17)
- Original Bid Bond (BB)

**Bid Bond to be signed By You And Your Surety Company—Surety Seal required.**
**Notary Acknowledgement required for Surety and Contractor**

## PLEASE COMPLETE & SIGN ALL REQUIRED AREAS. SUBMIT AND ATTACH ANY ADDITIONAL DOCUMENTATION WHICH CONSTITUTES YOUR BID

FAILURE TO COMPLETE THIS PROPOSAL PACKAGE MAY RENDER YOUR BID "NON-RESPONSIVE"

*Please Remove This Information Sheet Prior to Submitting Your Bid*
PROPOSAL

The undersigned hereby declares, as Bidder, that the only persons or parties interested in this proposal as principals are those named herein; that no director or any other officer or employee of the Eastern Municipal Water District is in any manner interested directly or indirectly in this proposal or in the profits to be derived from the contract proposed to be taken; that this bid is made without any connection with any person or persons making a bid for the same purpose; that the bid is in all respects fair and without collusion or fraud; that he has read the Notice Inviting Bids (or Bidding Information), Insurance Requirements and the Instructions to Bidders and agrees to all the stipulations contained herein; that he proposes and agrees that if his bid as submitted in the attached sheets, be accepted he will contract in the form so approved and furnish all items called for in accordance with the provisions of said approved form of Agreement, Insurance Requirements and the Specifications and to deliver the same within the time stipulated therein; and that he will accept in full payment therefore the prices named in said Bid Sheet.

The Bidder further agrees, that upon receipt of written notice of the acceptance of this proposal within 60 days after the day of opening bids (unless otherwise specified in the Notice Inviting Bids or Bidding Information) he will execute and return the Contract in accordance with the proposal as accepted and furnish the required bond(s) within SEVEN (7) days from the date of mailing the Notice of Acceptance of Proposal to him at his address given below, or within such time as allowed by the Engineer; and that upon his failure or refusal to do so within the said time, then the certified or cashier's check or bond accompanying this bid shall become the property of and be retained by the Eastern Municipal Water District as liquidated damages for such failure or refusal, and shall be deposited with the Treasurer of said Eastern Municipal Water District as monies belonging to the Eastern Municipal Water District; provided, that if said Bidder shall execute the Contract and furnish the required bond within the time aforesaid, his check or bond shall be returned to him thereafter.

The Bidder further declares that the surety or sureties named in the attached sheet have agreed to furnish bond in form and amount set forth in the accompanying Notice Inviting Bids (or Bidding Information) and paragraph 8-6 of the Instructions to Bidders, in the event contract is awarded on basis of this proposal.

Company: Global Power Group, Inc.

Address: 12000 Woodside Ave, Lakeside, CA 92039

Date: 8/18/19

By: Salvatore Marbrana
(Print Name) (Name should appear below)
(Signature of Owner or Officer required)

<table>
<thead>
<tr>
<th>Name(s) and Title of Member of Firm or Office of Corporation authorized to enter into a binding Contract</th>
<th>Address (if different from above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salvatore Marbrana, President</td>
<td>same</td>
</tr>
<tr>
<td>Salvador Caballos, CFO</td>
<td>same</td>
</tr>
<tr>
<td>Terry Hammen, CEO</td>
<td>same</td>
</tr>
</tbody>
</table>

For further details on this proposal, please contact:

Name: Jack Solomon
Address: 12000 Woodside Ave, Lakeside, CA 92040
Email Address: jsolomon@gpgpower.com
Telephone: (619) 433-4350

C3-1

00024 Proposal (7 day)
EASTERN MUNICIPAL WATER DISTRICT  
SPECIFICATION NO. 13495  
PALA LIFT STATION ELECTRICAL EQUIPMENT UPGRADE  

BIDDING SHEETS

The Contractor shall construct the project under these Specifications all in conformance with the Contract Drawings listed in Section P and these Specifications.

The District reserves the right to:

A. Accept or reject any or all bids on this specification;
B. Award Contract to the lowest qualified bidder, based on the total bid price;
C. Waive any defects and informalities.

The District shall be the final authority with regard to whether a bid is responsive to the call for bids and to whether a bidder is a responsible bidder under the conditions of his bid, or for any reason.

The total contract price shall include all work, materials and equipment needed to complete the project as defined in the General Conditions, Section F. The bidder shall include costs for such other items in the most appropriate category (bid item).

TO BE INSTALLED:

The District will furnish the following item(s) to be installed by the Contractor:

RTU Backplane  
Operator Interface Terminal (OIT)

The Contractor shall pick up all furnished items at the District yard. Furnished items will be loaded onto the Contractor's truck by the District.

Refer to 00100 Special Conditions Instructions, SC-2, Scope of Work for complete scope.
EASTERN MUNICIPAL WATER DISTRICT  
SPECIFICATION NO. 13495  
PALA LIFT STATION ELECTRICAL EQUIPMENT UPGRADE  

BIDDING SHEETS  

<table>
<thead>
<tr>
<th>Bid Item</th>
<th>Qty</th>
<th>Unit</th>
<th>Description (Unit Price Written in Words)</th>
<th>Unit Price (Figures)</th>
<th>Total Amount (Figures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>LS</td>
<td>Mobilization and Approved: Bonds, Insurance, Schedule of Values (see Section 01026) and Preliminary Project Schedule (PPS) (see section 01310)</td>
<td>One Hundred Twenty-Five Thousand (words)</td>
<td>$ PRESET $125,000</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>LS</td>
<td>Furnish and install Pala Lift Station Electrical Equipment Upgrade, complete and in place as specified herein and as shown on the Contract Drawings and Specifications, tested and ready for operation, all for the lump sum price of</td>
<td>TWO MILLION THREE HUNDRED FORTY-FIVE THOUSAND FIVE HUNDRED FORTY-ONE (words)</td>
<td>$ Lump Sum $2,345,541.89</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>LS</td>
<td>ADDITION OR DEDUCTION</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Circle one (If applicable):  
Addition (+)  
Deduction(-) $ |

TOTAL BID (Basis of award)  
$2,345,541.89 |
EASTERN MUNICIPAL WATER DISTRICT
SPECIFICATION NO. 13495
PALA LIFT STATION ELECTRICAL EQUIPMENT UPGRADE

BIDDING SHEETS

ADDITION OR DEDUCTION: Provision is made here for the bidder to include an addition/deduction in their bid, if desired, to reflect any last minute adjustments in prices. The addition/deduction, if made, will be proportionately applied to item(s) _______________ (fill in) and reflected in the unit prices for payment purposes. If the addition/deduction affects more than one bid item, the proportionate application of the addition/deduction shall be mutually agreed upon by the Contractor and the District at the prejob.

<table>
<thead>
<tr>
<th>Addenda and/or Letter of Clarification</th>
</tr>
</thead>
<tbody>
<tr>
<td>By submitting a bid, Bidder certifies that any addenda and letters of clarification issued to these specifications, whether acknowledged or not below, shall be made a part of the contract. Bidder further agrees to perform all labor and services and furnish all materials, tools and appliances necessary for completing the work called out in the addenda or letter of clarification.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Addenda received:</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter of Clarification received:</td>
<td>7/29/19</td>
<td>8/12/19</td>
</tr>
</tbody>
</table>

Person who inspected site of the proposed work as an employee of your firm: (Representative must have inspected the jobsite and be an employee on the company’s payroll to be considered a responsive bidder)

[Signature]
Jack Solomon
(Name)
7/10/19 & 8/1/19
(Date of Inspection)

BS-3
00020 Bidding Sheets
EQUIPMENT AND MATERIAL

Identify the name of the manufacturer for the equipment and/or material items listed below, if not specified. Acceptable manufacturers listed shall be utilized by the Contractor in his construction. No substitution of the Contractor's listed manufacturer will be permitted without written justification and the approval of the District. PRODUCTS OF MANUFACTURERS LISTED AS EQUALS TO THOSE SPECIFIED MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DISTRICT NOT LATER THAN THE TENTH (10TH) DAY PRECEDING THE DATE SET FOR RECEIPT OF BIDS.

FAILURE TO PROVIDE THIS INFORMATION MAY RENDER YOUR BID NON-RESPONSIVE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MANUFACTURER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor Switchgear/Distribution Switchboard</td>
<td><strong>EATON</strong></td>
</tr>
<tr>
<td>Motor Control Center (MCC)</td>
<td><strong>EATON</strong></td>
</tr>
<tr>
<td>Variable Frequency Drives (VFD)</td>
<td><strong>EATON</strong></td>
</tr>
<tr>
<td>Auto Transfer Switch (ATS)</td>
<td><strong>EATON</strong></td>
</tr>
</tbody>
</table>
Contractor to complete this form to list five (5) most recent projects similar to that covered in the Proposal
PLEASE DO NOT ATTACH CONTRACTOR'S EXPERIENCE SUMMARY FORMS – COMPLETE THIS FORM ONLY!

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TYPE/DESCRIPTION OF WORK</th>
<th>VALUE OF WORK PERFORMED</th>
<th>LOCATION OF WORK (CITY)</th>
<th>ENGINEER / CONTACT PERSON Address &amp; phone #</th>
<th>OWNER / CONTACT PERSON Address &amp; phone #</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Replace motor controls, MCC, VFD's and sensors</td>
<td>$549,000.00</td>
<td>San Diego</td>
<td>Ali Mohjoubfar&lt;br&gt;San Diego Civic Center&lt;br&gt;619-753-5378</td>
<td>City of San Diego&lt;br&gt;Hooman Partow&lt;br&gt;619-992-9940</td>
</tr>
<tr>
<td>2014</td>
<td>Electrical upgrades and replace VFD's</td>
<td>$434,759.00</td>
<td>San Diego</td>
<td>Mike Chalfant&lt;br&gt;10421 Pacific Center Court, Suite 100&lt;br&gt;619-935-7180</td>
<td>La Jolla Biologics&lt;br&gt;Mike Chalfant&lt;br&gt;619-935-7180</td>
</tr>
<tr>
<td>2018-2019</td>
<td>Temp power, High Voltage Switchgear, upgrades, and control upgrades</td>
<td>$3,451,685.00</td>
<td>San Diego</td>
<td>Kurt Kohler&lt;br&gt;4751 Palm Ave&lt;br&gt;La Mesa&lt;br&gt;619-713-5705 (666)&lt;br&gt;619-994-3488</td>
<td>County of San Diego&lt;br&gt;Oscar Salas</td>
</tr>
<tr>
<td>2014-2015</td>
<td>Generator Install, including concrete work and switchgear upgrades</td>
<td>$70,022.77</td>
<td>Escondido</td>
<td>Jeffery Rogers&lt;br&gt;110 West 15th Ave&lt;br&gt;Escondido&lt;br&gt;760-747-4300</td>
<td>Same&lt;br&gt;760-747-4300</td>
</tr>
</tbody>
</table>
| 2018       | Troubleshoot 12 kva system and Hook up temp power for 13 generators | $1,730,948.00          | Long Beach             | Ian Wicklow<br>1271 Millbrook Rd<br>Corona CA 92882<br>951-870-8396 | Same

BIDDER'S REFERENCE
LIST OF DESIGNATED SUBCONTRACTORS

<table>
<thead>
<tr>
<th>SPEC #:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PROJECT TITLE:</td>
<td>Pala Lift Station Electrical Upgrade</td>
</tr>
<tr>
<td>NAME OF CONTRACTOR:</td>
<td>Global Power Group Inc.</td>
</tr>
</tbody>
</table>

In compliance with the provisions of Sec. 4100-4111, inclusive, of the Public Contract Code of the State of California, and any amendments thereof, each bidder shall set forth: the name, location of the place of business, license number, portion of the work which will be done by each subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work or improvement in an amount in excess of one-half of one percent (1/2 of 1%) of the Contractor's total bid. Each portion of Subcontracted work noted in the below table must be specific and contain all major activities associated with completion of the project, outside of the services provided by the bidding Contractor. Ambiguous and/or incomplete Subcontracted work information may deem the bid nonresponsive. Each subcontractor shall possess, both at the time the bid is submitted and at all times when work is performed, a valid contractor's license for the appropriate classification necessary to perform the work for which that subcontractor is listed.

**BIDDER SHALL PROVIDE THE FOLLOWING INFORMATION:**
Company Name, Business Address, Email Address, License No., Contractor Registration No., Subcontract Work, and % Of Total Bid

*PLEASE WRITE LEGIBLY*

<table>
<thead>
<tr>
<th>LICENSED SUBCONTRACTOR'S NAME, BUSINESS ADDRESS, &amp; EMAIL ADDRESS</th>
<th>LICENSE #</th>
<th>SUBCONTRACT WORK (Be Specific)</th>
<th>% OF TOTAL BID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name:</td>
<td>DMI</td>
<td>License #: 380204</td>
<td>concrete</td>
</tr>
<tr>
<td>Address:</td>
<td>930 Boardwalk San Marcus CA 92078</td>
<td>DIR Registration #: 1000004547</td>
<td>Asphalt</td>
</tr>
<tr>
<td>Email Address:</td>
<td><a href="mailto:gbulloch@dmivausa.net">gbulloch@dmivausa.net</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
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<td>LICENSE #</td>
<td>SUBCONTRACT WORK (Be Specific)</td>
<td>% OF TOTAL BID</td>
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<td>Email Address:</td>
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</table>

(Do not list alternative subcontractors for the same work) (Use additional pages if needed)
PUBLIC WORKS CONTRACTOR REGISTRATION
(Pursuant to SB 854)

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal pursuant to Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work unless currently registered to perform public work pursuant to Section 1725.5 of the Labor Code. It shall not be a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Sections 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

BIDDERS AND THEIR SUBCONTRACTORS (listed on the Designation of Subcontractors List C-05) are to provide an extract (pdf or excel) at time of bid showing active registration from the Public Works Contractor Registration online registration at https://cadlr.secure.force.com/ContractorSearch

******************************************************************************

SUBMIT BIDDER & SUBCONTRACTORS CONTRACTOR REGISTRATION EXTRACTS WITH BID PROPOSAL (Either pdf or Excel Format)
******************************************************************************

Rev: 6/2/19  C22-1  00057 Contractor Registration
CONTRACTOR'S LICENSING STATEMENT

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of contractors. The representations made herein and in the proposal documents are made under penalty of perjury. The undersigned is hereby representing that he is properly licensed both at the time that he submits a bid as well as at the time the contract is awarded, if the contract is awarded to the undersigned.

CONTRACTOR'S CLASSIFICATION A, B & C-10

LICENSE NUMBER 870741 TYPE A, B & C-10 EXPIRATION DATE 1/31/2020

A. INDIVIDUAL CONTRACTOR

| NAME OF INDIVIDUAL CONTRACTOR: | N/A |
| BUSINESS ADDRESS:             |     |
| PHONE NUMBER:                 |     |
| SIGNATURE OF OWNER:           |     |

B. FIRM OR PARTNERSHIP

| NAME OF FIRM OR PARTNERSHIP:  | N/A |
| BUSINESS ADDRESS:             |     |
| PHONE NUMBER:                 |     |
| SIGNATURE(S) & TITLE OF MEMBERS SIGNING ON BEHALF OF THE PARTNERSHIP: |
| SIGNATURE:                    |     | TITLE:     |
| SIGNATURE:                    |     | TITLE:     |
| SIGNATURE:                    |     | TITLE:     |

C. CORPORATION

| NAME OF CORPORATION:          | Global Power Group, Inc. |
| BUSINESS ADDRESS:             | 12040 Woodside Ave Lakeside CA 92040 |
| PHONE NUMBER:                 | 619-579-1221 |
| SIGNATURE OF AUTHORIZED OFFICER OF CORPORATION: |
| SIGNATURE:                    |     | TITLE: President |

C6-1 00030 Contractors Licensing Statement
NON-COLLUSION DECLARATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the President of Global Power Group, Inc., the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or of any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on 08/19 [date], at Lakeside [city], California [state].

Signed: __________________________

Name: Salvatore Martorana
(Print Name Here)
IRAN CONTRACTING ACT CERTIFICATION

Pursuant to the Iran Contract Act of 2010 (Public Contract Code 2200-2208), Vendors/Bidders are ineligible to bid on or submit a proposal for any contract with a public entity for goods or services of one million dollars ($1,000,000) or more if the Vendor/Bidder engages in investment activities in Iran.

MUST BE SUBMITTED WITH BID PROPOSAL IF BID AMOUNT IS $1,000,000 OR MORE

Prior to bidding on, submitting a proposal, or executing a contract or renewal for a public entity contract for goods or services of $1,000,000 or more, a vendor must either: a) certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b) and is not a financial institution extending $20,000,000 or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your vendor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of $250,000 or twice the amount of the contract for which the false certification was made, contract termination, and three-year ineligibility to bid on contracts. (Pub. Cont. Code § 2205.)

OPTION #1 - CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is not on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars ($20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Vendor Name/Financial Institution (Printed) | Federal ID Number (or n/a)
--- | ---
Global Power Group Inc. | 20-36886165

By (Authorized Signature)

Printed Name and Title of Person Signing | Date Executed
--- | ---
Salvatore Martorana | 8/8/19

C13-3 00046 Iran Contracting Act Certification
**OPTION #2 – EXEMPTION**

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<table>
<thead>
<tr>
<th>Vendor Name/Financial Institution (Printed)</th>
<th>Federal ID Number (or n/a)</th>
</tr>
</thead>
<tbody>
<tr>
<td>By (Authorized Signature)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Printed Name and Title of Person Signing</th>
<th>Date Executed</th>
</tr>
</thead>
</table>
Cal/OSHA Form 300A (Rev. 7/2007)
Summary of Work-Related Injuries and Illnesses

All establishments covered by CCR Title 8 Section 14300 must complete this Annual Summary, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.

Using the Log, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the Log. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the Cal/OSHA Form 300 in its entirety. They also have limited access to the Cal/OSHA Form 301 or its equivalent. See CCR Title 8 Section 14300.35, in Cal/OSHA's recordkeeping rule, for further details on the access provisions for these forms.

### Number of Cases

<table>
<thead>
<tr>
<th>Total number of deaths</th>
<th>Total number of cases with days away from work</th>
<th>Total number of cases with job transfer or restriction</th>
<th>Total number of other recordable cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (G)</td>
<td>0 (H)</td>
<td>6 (I)</td>
<td>0 (J)</td>
</tr>
</tbody>
</table>

### Number of Days

<table>
<thead>
<tr>
<th>Total number of days away from work</th>
<th>Total number of days of job transfer or restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (K)</td>
<td>244 (L)</td>
</tr>
</tbody>
</table>

### Injury and Illness Types

<table>
<thead>
<tr>
<th>Total number of...</th>
<th>(M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Injuries</td>
<td>6</td>
</tr>
<tr>
<td>(2) Skin Disorders</td>
<td>0</td>
</tr>
<tr>
<td>(3) Respiratory Conditions</td>
<td>0</td>
</tr>
<tr>
<td>(4) Poisonings</td>
<td>0</td>
</tr>
<tr>
<td>(5) Hearing loss</td>
<td>0</td>
</tr>
<tr>
<td>(6) All other illnesses</td>
<td>0</td>
</tr>
</tbody>
</table>

Post this Annual Summary from February 1 to April 30 of the year following the year covered by the form.

---

**Facility Information**

- **Establishment name:** Global Power Group, Inc.
- **Street:** 12060 Woodside Ave
- **City:** Lakeside
- **State:** CA
- **ZIP:** 920
- **Industry description:** Electrical Contractor

**Standard Industrial Classification (SIC):**

If known (e.g., SC 3715)

49

**Employment Information**

(If you don't have these figures, use the optional Worksheet to estimate)

- **Annual average number of employees:**
- **Total hours worked by all employees last year:** 1246

**Sign here**

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

---

**Company executive**

Signature

Controller

(619) 579-1221

02/20/2019

**Date**

---

Year: 2018
Cal/OSHA Form 300 (Rev 7/2007)
Log of Work-Related Injuries and Illnesses

You must record every work-related death and every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record injuries and illnesses that meet any of the criteria recorded on this form. If you're unsure whether a case is recordable, call your local Cal/OSHA office for help.

| Case # | Employee's Name       | Date of Injury or most serious result (e.g. Loading dock north end) | Location of injury or illness | Description of injury or illness | Days away from work | Days restricted from work | Days away from work due to transfer or relocation | First aid, restricted activity or transfer | (E) | (F) |
|--------|-----------------------|-------------------------------------------------|-------------------------------|---------------------------------|---------------------|--------------------------|-----------------------------------------------|---------------------------------------------|____|____|
| 1      | Daniel Espinosa       | 1/29                                            | 17619 Oak Grove Rd, dirt road next to driveway | Pluck hit back of head and middle finger | 0 days              | 10 days                  | 0 days                          | X                                           |    |    |
| 2      | David Hernandez       | 2/10                                            | 17619 Oak Grove Rd, dirt road next to driveway | Lower back                      | 0 days              | 35 days                  | 0 days                          | X                                           |    |    |
| 3      | Angel Covarrubias     | 2/21                                            | 704 W Way Ave, (in front of the electric room) | Right shoulder                  | 0 days              | 30 days                  | 0 days                          | X                                           |    |    |
| 4      | Willy Altikuse        | 9/1                                             | 17619 Oak Grove Rd, dirt road next to driveway | Hands                           | 0 days              | 35 days                  | 0 days                          | X                                           |    |    |
| 5      | Enrico Dennis         | 3/23                                            | 704 W Way Ave, (in front of the electric room) | Finger                          | 0 days              | 15 days                  | 0 days                          | X                                           |    |    |
| 6      | Matthew Pisano        | 11/13                                           | 31 E Fwy, West of Tuscan Exit     | Neck, back, shoulder and head   | 0 days              | 99 days                  | 0 days                          | X                                           |    |    |
| 7      |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 8      |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 9      |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 10     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 11     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 12     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 13     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 14     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |
| 15     |                      | 0 days                                          |                               |                                 | 0 days              | 0 days                   | 0 days                          | X                                           |    |    |

Page Total: 0 days

Be sure to transfer these totals to the Summary page
(Form 300A) before you post II.

Page 1 of 1
C-17 Contractor's Cal/OSHA Compliance History and SIC Code

THIS DOCUMENT IS TO BE SUBMITTED WITH THE PROPOSAL PACKAGE AT TIME OF BID

Bid Date: 8/20/19
Contractor’s Standard Industry Code: 

Specification No: 
Project Name: Paula Lift Station Electrical Equipment Upgrade

Contractor name: Global Power Group, Inc.
Contractor Address: 12000 Woodside Ave., Lakeside CA 92030
Contractor License No: 870741
Phone No: 619-579-1221
Contact Person: Mike Lung

Please answer the following questions:

1. Has the Contractor been cited by Cal/OSHA or any regulatory agency for a violation related to safety or environmental issues within the past seven (7) years? No ☐ Yes ☑

   If yes, please attach all documentation specific to each violation and what actions have been taken to ensure that there is not a repeat violation.

2. Has the Contractor had a fatality or serious incident per Cal/OSHA on a jobsite within the past ten (10) years? No ☑ Yes ☐

   If yes, please attach all documentation specific to each violation and what actions have been taken to ensure that there is not a repeat violation.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Contractor's Representative signature: [Signature]
Date: 8/13/19

Failure to fully divulge, complete and submit this form “may” deem your bid non-responsive.

FOR EMWD USE ONLY: Field Engineering to forward to Risk Management for review

Approved: No ☐ Yes ☐
Reviewed by Risk Management (signature required) Date: 
Return to (Field Eng.CAR) By: 

cc: Construction Administrator
File: C-17 Contractor's Compliance History

C17-2 00052 CalOsha Compliance History & SIC Code
To Whom It May Concern:

Below is a brief explanation describing what happened at each of the two incidents.

10/02/13 incident. What happened? Electrician was inspecting electrical panel to see if there was room to install a breaker. An ARC flash occurred from an area away from the inspection was taking place. Electrician suffered injuries, was treated and fully recovered.

Status: The Serious violation was changed to General given additional information provided

Attached is the released sent to us from OSHA. In the end, we were cited for a deficiency in our Heat Illness Prevention Program, something that did not have to anything to do with the accident. We did not agree with them on this but let it go since it was minor. As stated above, the more serious violation was changed

10/29/14 incident. What happened? Laborer was drilling hangers into the ceiling in order to hang buss duct per engineer’s and customer’s specifications. Specifications showed a drilling allowance of 3 ½ inches in the ceiling. As part of the specifications, a company was hired to perform xray services to confirm that the work space was free from any electrical conduits. A path was outlined for our employees to drill into the ceiling. Our employee followed the path and drilled into an electrical conduit that was resting just over an inch from the surface of the ceiling. The electrical conduit should not have been there. Customer and engineer’s plans and xrays did not show the conduit and did not disclose the hazard. Given the method and procedures used on the project by the customer, the engineer, and their project management team, there is not way we could have prevented this accident. We were instructed where to drill.

Status: We are currently working with OSHA to solve this issue. We do not feel we were at fault. A separate civil action is taking place by the injured party against the customer and their engineer because of negligence caused by their specifications.
EASTERN MUNICIPAL WATER DISTRICT
BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, Global Power Group, Inc,
(Here insert full name and address or legal title of Contractor)

as Principal, hereinafter called the Principal, and

Allied World Insurance Company
(Here insert full name and address or legal title of Surety)

a corporation duly organized under the laws of the State of New Hampshire, as Surety,
hereinafter called the Surety, are held and firmly bound unto Eastern Municipal Water District.
Obligee, hereinafter called the Obligee, in the sum of Ten Percent of the Total Bid Amount, Dollars ($10% of the total bid amount), for the payment of which sum well and truly to be made, the said Principal and the
said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally
firmly by these presents.

WHEREAS, the Principal has submitted a bid, dated August 20, 2019, for

Pala Lift Station Electrical Equipment Upgrade, Bid No. 13466, 29170 Front St., Temecula, CA 92589
(Here insert full name, address and description of Project)

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract
with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in
the bidding of Contract Documents with good and sufficient surety for the faithful performance of such Contract
and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the
failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the
Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such
larger amount for which the Obligee may in good faith contract with another party to perform the Work covered
by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

In the event suit is brought upon this Bond by Obligee and judgement is recovered, the Surety shall pay all costs
incurred by Obligee in such suits to be fixed by the court.

Signed and sealed this 2nd day of August, 2019

CONTRACTOR AS PRINCIPAL
Company:
Global Power Group Inc.

Signature: Salvatore Martorana
Name: President

SURETY
Company: Allied World Insurance Company

(Corporate Seal)

Signature: Tara Bacon
Name: Attorney-in-Fact
Title:

This Bid Bond (BB-1) form shall be submitted to be considered a responsive bid
Notary Public Acknowledgment required for Surety and Contractor

Rev:04/06/16 BB-1 00040 Bid Bond
CALIFORNIA CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

On 8/18/19 before me, Alissa S. Hutchinson, Notary Public, (here insert name and title of the officer)

personally appeared Salvatore Martorana

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

(Seal)

Optional Information

Although the information in this section is not required by law, it could prevent fraudulent removal and reattachment of this acknowledgment to an unauthorized document and may prove useful to persons relying on the attached document.

Description of Attached Document

The preceding Certificate of Acknowledgment is attached to a document titled/to the purpose of ___________________________

containing ______ pages, and dated ________________________

The signer(s) capacity or authority is/are as:

☐ Individual(s)
☐ Attorney-in-Fact
☐ Corporate Officer(s) Title(s)

☐ Guardian/Conservator
☐ Partner - Limited/General
☐ Trustee(s)
☐ Other:

representing: __________________________

Name(s) of Persons(s) or Entity(ies) Signer Is Representing
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT
CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed
the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

On August 2, 2019 before me, Minna Huovila, Notary Public
(insert name and title of the officer)

personally appeared Tara Bacon
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Signature]
(Seal)

MINNA HUOVILA
Commission # 2133345
Notary Public - California
San Diego County
My Comm. Expires Dec 6, 2019
POWER OF ATTORNEY

Issue Date: March 26, 2019
No. 22400-A2465
Single Transaction Limit: $10,000,000

KNOW ALL MEN BY THESE PRESENTS:
Allied World Insurance Company, a New Hampshire corporation (the "Company") does hereby appoint

NAME(s):  
John Quallin
Tara Bacon
Dale Harshaw
Kyle King

FIRM:  
BB&T Insurance Services of California, Inc. 750 B Street, Suite 2400 San Diego, CA 92101

Its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the Company thereby. This Power of Attorney shall remain in full force and effect for one year from the issued date above-referenced and shall expire on close of business of the first anniversary of such Issue Date.

IN WITNESS WHEREOF, ALLIED WORLD INSURANCE COMPANY has caused these presents to be executed by the officer named below, who is duly authorized and empowered to execute on the Company's behalf.

This 26th day of March, 2019

COMMONWEALTH OF PENNSYLVANIA

STATE SEAL

Notary Public

City of Philadelphia, Philadelphia County

My Commission Expires March 28, 2020

State of Pennsylvania

County of Philadelphia

On this 26th day of March, 2019, before me came the above-named officer of ALLIED WORLD INSURANCE COMPANY, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporation thereto by authority of his office.

Notary Public

My Commission Expires: 03/28/2020

CERTIFICATE

Excerpt of Resolution adopted by the Board of Directors of the ALLIED WORLD INSURANCE COMPANY (the "Corporation"), on December 31, 2012:

RESOLVED, that the proper officers of the Corporation, the head of the surety business line for the Corporation and their appointed designees (each an "Authorized Officer" and collectively, the "Authorized Officers") be, and each hereby is, authorized to appoint one or more Attorney-in-Fact to represent and act for and on behalf of the Corporation in the transaction of the Corporation's surety business to execute (under the common seal of the Corporation, if appropriate) bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof.

RESOLVED, that in connection with the Corporation's transaction of surety business, the signatures and attestations of the Authorized Officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof.

RESOLVED, that in connection with the Corporation's transaction of surety business, the facsimile or mechanically reproduced signature of any Authorized Officer, whether made hereafter or heretofore, whenever appearing upon a copy of any Power of Attorney of the Corporation, with signatures affixed as hereabove noted, shall be valid and binding upon the Corporation with the same force and effect as though manually affixed.

RESOLVED, that in connection with the Corporation's transaction of surety business, any such Attorney-In-Fact delivering a secretarial or other certification that the foregoing resolutions shall be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-In-Fact.

RESOLVED, that the Authorized Officers be, and each hereby is, authorized to execute (under the common seal of the Corporation, if appropriate), make, file and deliver in his name and on behalf of the Corporation any and all consents, certificates, agreements, amendments, supplements, Instruments and other documents whatsoever, and do any and all other things whatsoever in connection with the Corporation's transaction of surety business, as such Authorized Officer shall in his or her absolute discretion deem or determine appropriate and any of the foregoing resolutions, the transactions contemplated thereby and any ancillary matters thereto and/or to carry out the purposes and intent thereof, such deceiving or determination to be conclusively evidenced by any such execution or the taking of any such action by such Authorized Officer.

I, Sung Lee, Secretary of the ALLIED WORLD INSURANCE COMPANY, do hereby certify that the foregoing excerpt of Resolution adopted by the Board of Directors of this corporation, and the Power of Attorney issued pursuant thereto, are true and correct, and that both the Resolution and the Power of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of the corporation, this _______ day of AUG 02, 2019.

Sung Lee, VP, Legal

All Claim Notices should be sent to the below:

Allied World Insurance Company
Attorney: Surety Department
30 South 17th Street, Suite 1600
Philadelphia, PA 19103

SUR 00046 00(05/2016)
July 29, 2019

ADDENDUM NO. 1 TO SPECIFICATION NO. 13495
Pala Lift Station Electrical Equipment Upgrade

This addendum to the specifications is for the purpose of adding, clarifying, or deleting certain information to the construction drawings and project specifications as follows:

NOTICE INVITING BID

ADD the following to NIB-4 as follows:

NIB-4. Second Mandatory Pre-Bid Walk-Through A second Mandatory walk-through will be conducted by EMWD on THURSDAY, AUGUST 1, 2019 at 9:00 a.m., Attendees will enter at 44987 Old Town Front Street, Temecula CA and then proceed to the lift station where the meeting will be conducted and attendees will sign in. (See revised Map and Directions) Those who attended the walk-through meeting on July 16, 2019 do not need to attend the second mandatory walk-through.

Please arrive promptly! All bidders must have an employee of their firm sign-in and attend the mandatory pre-bid walk-through meeting. Failure to do so shall deem your bid non-responsive.

Personal Protective Equipment (PPE). For your safety, attendees shall bring and wear hard hats, safety vests, and close-toed shoes, if construction is present.

QUESTIONS: All questions must be submitted in writing by 5:00 p.m. on TUESDAY, AUGUST 6, 2019 to Mr. Gabriel Buenagua c/o Teresa Appelt; EMAIL: buenagud@emwd.org & appeltt@emwd.org, or FAX: 951-928-6111. Questions received after this time may not be responded to.
**SPECIAL CONDITIONS**

**SC-02. Scope of Work**
Replace item 16 of Special Condition SC-02 as follows:

16. Contractor shall demolish existing switchgear, MCC, VFD, starters, reactors, air conditioner and ducts, MCP, RTU, antenna towers, conduits, cables, etc. Contractor has to demolish existing antenna tower concrete foundation with an approximate dimension of 4-ft x 4-ft x 5-ft (length x width x depth). Except for few items, all debris and equipment as a result of demolition shall be disposed off-site by the Contractor. Contractor shall return RTU, antenna tower and antenna elements to the District and deliver it to EMWD main facility at 2270 Trumble Road, Perris CA.

Add item 19 to Special Condition SC-02 as follows:

19. Cable tray supports in the building will be supported from existing trusses as shown in the control building structural as-built plans included in Appendix F (drawing SD-10533). Contractor will remove portion of the gypsum board ceiling to expose affected trusses for inspection before attaching supports as indicated in drawing D-55650 (E-013). Contractor will restore ceiling when complete to match existing including necessary insulation. Insulation shall match the R-30 rating as shown in the as-built plan. Any holes in the ceiling as a result of installation of supports shall be covered. Open slots from the “Unistrut” channels that acts as uninsulated holes shall be covered with appropriate insulating tape. Contractor shall paint the entire ceiling to match existing color (approx. 570-sq.ft).

**SECTION P - CONTRACT DRAWINGS**
REPLACE the following Drawing in its entirety with the attached Drawing:

- Drawing D-55650

**SPECIFICATIONS - DETAILED PROVISIONS**
REPLACE the following Detailed Provision in its entirety with the attached Detailed Provision:

- Section 01500 – Temporary Facilities and Controls

ADD the following Detailed Provision in its entirety:

- Section 01612 – Seismic Design Criteria

**APPENDICES**
Add the following Appendix:

- Appendix G - District Property Line APN 922-210-048
MANDATORY PRE BID WALK THROUGH

A mandatory pre-bid walk-through meeting was conducted on July 16, 2019 at 9:00am.

NOTE: Refer to EMWDs website to obtain the Pre Bid Walk-Through Sign-In Sheet.

QUESTIONS & ANSWERS

Global Power Group, Inc.

Q1. Sheet E-003 New 480 Dist board shows a 100a breaker feeding the 600a MCC.

A1. Contractor to bid per drawing E-003. Circuit breaker is sized per operating electrical loads.

Q2. Is there a fuel tank underground where the new Dist. board is to be installed?

A2. Fuel tank has been removed as shown in year 2002 as-built plan.

Q3. What do we do with all the old equipment that is removed?

A3. Refer to Special Conditions SC-02 item 16 as modified under this addendum.

Q4. Who will relocate the items on the wall where the new PLC is to go?

A4. Refer to Appendix “D – Photos” Figure 12, 13. Contractor shall relocate all items on the wall to allow space for new panel.

PCL Industrial Services

Q1. PCL would like to request that the RFI submission deadline be extended to 07/31/19.

A1. Deadline for submitting question has been extended to August 6, 2019, 5:00 PM per this addendum.

Mass Electric Construction Co.

Q1. Drawing E-025 Note #8 states "Existing overhead conduit and conductors from existing VFD to MCP shall be removed." Current documents do not provide conduit or conductor sizes to be removed. Please provide.

A1. Please see Appendix D – Photos for the Figure 3 that shows the conduits between VFDs and MCP. Conduits are approximately 2" in size.
Q2. Current documents E-004 & E-006 call for the installation of a new antenna tower. Please confirm who is responsible for the procurement of the new antenna system contractor or district?

A2. Contractor shall procure and install the antenna tower only. Refer to Special Condition SC-02 item 2, item 11 including related work mentioned in the amended SC-02 item 16. See also Section 01140 for construction sequence. See also reply to Q3.

Q3. Current documents E-004 & E-006 call for the removal of the existing and installation of a new antenna tower. Currently the existing free standing tower has radio and communications equipment installed on it. When the existing antenna tower is removed will the current equipment installed on the existing antenna need to be relocated to the new antenna. If new equipment is required please provide make, model and manufacturer.

A3. Refer to Appendix C for the required antenna tower. The District will install cables and antenna elements on the tower. District will also relocate camera and associated accessories. After contractor has completed installation of new tower and necessary conduits, allow three (3) weeks for District to install the new cables, accessories, and make the new antenna system operational. Contractor shall also provide a one (1) month advance notice stating the projected completion date of the antenna tower.

Q4. Contractor recognizes the requirement to coordinate with work being performed by SCE during construction activities. It is not clear from the bid documents how long the contractor should expect SCE to perform their work. Please confirm the duration and anticipated start date for SCE work.

A4. See Appendix E for SCE plan of service. Refer to Section 01140 for the suggested sequence of construction. Also refer to Section 01500 for required temporary facilities. SCE’s intent is to perform the work with the shortest time as possible. Expect a one (1) week duration for this work. Contractor shall be responsible for coordination with SCE.

Q5. There is talk of an extension for questions beyond July 19th. Please confirm the new deadline for RFRs.

A5. Deadline for submitting question has been extended to August 6, 2019, 5:00 PM per this addendum.
Q6. Contractor requesting if the district has available land for lay down space in the immediate surrounding area outside the Pala Lift Station Yard for contractor equipment, materials, office trailer, etc. and how much area contractor will be allowed to use.

A6. Appendix G has been added to show EMWD property (APN 922-210-048). Contractor may use the available property outside the fence. Contractor may contact the City of Temecula if they need additional temporary laydown area beyond EMWD property.

Q7. Contractor requesting if there is equipment being demolished that the district will want to keep. If so please provide a list of equipment being retained by the district and provide an address or location where contractor may need to transport equipment if required.

A7. See revision to SC-02 item 16 under this addendum.

Q8. Conduit & Cable Schedule E-010 lists Conduit No. PX-25 with four cables (PC-25A, PC-25B, PC-26A, PC-26B) run via A/G (above grade) only from two different locations (New LP1 in MCC & New MPC) to New Level Trans. LT1 & LT2 JB’s in the Wet Well Area. PX-25 isn’t shown running in the duct bank between the Control Building and the Wet Well Area but the four cables listed for conduit PX-25 are shown in cable tray and conduit in the Wet Well Area. Can it be assumed that the cables will run in cable tray in the Control Building, then through the duct bank to get to the Wet Well Area? Also, should the cables be divided in two groups, PC-25A/PC-25B and PC-26A/PC-26B, and run in two separate conduits, PX-25 and PX-26? PC-25A and PC-25B could run out of the MCC along the cable tray and through PX-25 in the duct bank to the Wet Well Area. PC-26A and PC-26B could run out of the New MCP in conduit, then along the cable tray and through PX-26 in the duct bank and over the Wet Well Area. Please advise.

A8. Please use PX-22 as shown on the Conduit & Cable Schedule E-010 and Pan Layout E-006, which is currently spare. See E-10 and E-006.

Q9. Drawing E-007 Section B calls for a future cable tray cutout in the exterior wall of the control building. Please confirm this cutout is required as part of this contract or to be performed at a later date.

A9. This cutout is required as part of this contract. Cables will be going through the building via this cutout in the subsequent permanent installation as shown on the drawing E-08, E-013.

Q10. Please confirm existing control building ceiling can support the required cable tray and cable tray loading as currently designed.

A10. See added item 19 in SC-02 in this addenda. See also Detail-1 in the revised Drawing D-55650 (E-013).
Q11. Specification F-20 – Environmental Compliance refers to a number of environmental permits from various agencies the District operates under and that action, inaction or negligence by the Contractor that violates these permits results in penalties, these penalties shall be the responsibility of the Contractor. Can a copy of these permits be provided to the Contractor?

A11. The District does not include all permits within the bidding documents. A copy of the permit along with any fines from the Agency impacted will be shared with the Contractor if there is violation of the noted permit due to the Contractor’s action, inaction or negligence.

Q12. Please confirm if hazardous waste is encountered on site. The District will be considered the generator and district personnel will be made available to sign disposal manifests.

A12. Any hazardous materials found on the site will be disposed of by the Contractor under the District’s manifest.

Q13. Specification 00064 - General Conditions, section F-25 Utilities and Substructures is unclear as to compensation for time and money. Please confirm if unknown utilities are encountered onsite additional time and money will be made available to the contractor.

A13. The Contractor will be compensated for differing site conditions should these be found and/or exist during the course of construction.

Q14. Under specification 00064 – General Conditions, section F-06 - Authority of the District, please confirm that any decisions made by the District are subject to review under applicable law.

A14. The District follows the protocol of the public contracting code. The Contractor also can utilize Section F-07 Protests and F-38 Claims as necessary.

Q15. While the contract documents contain liquidated damages for late completion by the contractor, there is no waiver of actual and consequential damages. The Contractor requests EMWD to please provide a general waiver of actual and consequential damages?

A15. The liquidated damages section of the contract describes the scope of their application. The fixed amount of liquidated damages set forth are a reasonable approximation of the harm that District would suffer due to unauthorized Contractor delays. The liquidated damages clause does not affect nor limit potential Contractor liability for actual or consequential damages arising out of Contractor’s performance or non-performance under the contract.
ATTACHMENTS:

Revised Pre-Bid Walk-thru Map and Directions
Drawing D-55650 (E-013)
01500 Temporary Facilities and Controls (Custom)
01612 Seismic Design Criteria (Custom)
Appendix G - District Property Line APN 922-210-048
Mandatory
Pre-Bid Walk-thru Map and Directions
ADDENDUM NO. 1

Pala Lift Station is located about ¾ mile from 29170 Old Town Front Street in the city of Temecula. Please see the below map. The on-ramp and off ramp on I-15 at this intersection has been modified. Map included does not reflect actual condition. Attendees will enter at 44987 Old Town Front Street, Temecula CA and then proceed to the lift station where the meeting will be conducted and attendees will sign in.
NEW 36"H X 48"W X 24"D PULL BOX, NEMA 4 ENCLOSURE

NOTES:
1. PROVIDE CONDUIT NIPPLE WITH GROUNDING BUSHING FOR THE CONDUIT RISER. SEAL ALL CONDUITS INTO TOP OF MCC, VFD'S AND MCP.

HVAC NOTES:
① INTERNAL CIRCULATION FANS FOR VFD'S PANELS.
② 6" x 40" SUPPLY AIR OPENING.
③ 6" x 40" RETURN AIR OPENING.
SECTION 01500
TEMPORARY FACILITIES AND CONTROLS

PART 1      GENERAL

1.01      SUMMARY

A. Section Includes:
   1. Furnishing, maintaining, and removing construction facilities and temporary
      controls, including temporary utilities, construction aids, barriers and
      enclosures, security, temporary controls, and removal after construction.

B. Related Sections:
   1. Section 01140 - Work Restrictions.

1.02      REFERENCES

A. OSHA - Occupational Safety and Health Act.

1.03      SUBMITTALS

A. General: For products specified to be furnished under this Section, submit product
   data in accordance to General Conditions, Section F, Labor and Construction.

1.04      TEMPORARY UTILITIES

A. Temporary Electrical Power: CONTRACTOR shall furnish, install, test and operate
   temporary equipment including generators, MCCs, VFDs, 120/240V load center.
   The CONTRACTOR should provide all the necessary electrical accessories,
   equipment, and materials for the connection including cables, cable trays, conduits,
   switches, etc.

B. Temporary Electrical Lighting:
   1. In work areas, provide temporary lighting sufficient to maintain lighting levels
      during working hours, not less than lighting levels required by OSHA and state
      agency which administers OSHA regulations where Project is located.
   2. When available, permanent lighting facilities may be used in lieu of temporary
      facilities.
      a. Prior to final acceptance of the Work, replace bulbs, lamps, or tubes used
         by CONTRACTOR for lighting.

C. Temporary Heating, Cooling, and Ventilating:
1. Heat and ventilate work areas to protect the Work from damage by freezing, high temperatures, weather, and to provide a safe environment for workers.

2. Permanent heating system may be utilized when sufficiently completed to allow safe operation.

D. Temporary Water:
1. Pay for and construct facilities necessary to furnish potable water for human consumption and non-potable water for use during construction.
2. Remove temporary piping and connections and restore affected portions of the facility to original condition before final acceptance.

E. Temporary Sanitary Facilities:
1. Provide suitable and adequate sanitary facilities that are in compliance with applicable Laws and Regulations.
2. At completion of the Work, remove sanitary facilities and leave site in neat and sanitary condition.

F. Temporary Fire Protection: Provide sufficient number of fire extinguishers of type and capacity required to protect the Work and ancillary facilities. Provide additional fire protection systems as required by the Fire Department.

G. First Aid: Post first aid facilities and information posters conforming to requirements of OSHA and other applicable Laws and Regulations in readily accessible locations.

1.05 CONSTRUCTION AIDS

A. Provide railings, kick plates, enclosures, safety devices, and controls required by Laws and Regulations and as required for adequate protection of life and property.

B. Use construction hoists and similar temporary facilities of ample size and capacity to adequately support and move loads.

C. Design temporary supports with adequate safety factor to assure adequate load bearing capability.
   1. When requested, submit design calculations by professional registered engineer prior to application of loads.
   2. Submitted design calculations are for information and record purposes only.

D. Accident Prevention:
   1. Exercise precautions throughout construction for protection of persons and property.
2. Observe safety provisions of applicable Laws and Regulations.
3. Guard machinery and equipment and eliminate other hazards.
4. Make reports required by authorities having jurisdiction and permit safety inspections of the Work.
5. Before commencing construction Work, take necessary action to comply with provisions for safety and accident prevention.

E. Protect existing structures, trees, shrubs, and other items to be preserved on Project site from injury, damage, or destruction by vehicles, equipment, worker, or other agents with substantial barricades or other devices commensurate with hazards.

1.06 SECURITY

A. Make adequate provision for protection of the Work area against fire, theft, and vandalism, and for protection of public against exposure to injury.

1.07 TEMPORARY CONTROLS

A. Dust Control:
   1. Prevent dust nuisance caused by operations, unpaved roads, excavation, backfilling, demolition, or other activities.
   2. Control dust by sprinkling with water, use of dust palliatives, modification of operations, or other means acceptable to agencies having jurisdiction.

B. Noise Control:
   1. In inhabited areas, particularly residential, perform operations in manner to minimize noise and comply with noise ordinances.
   2. In residential areas, take special measures to suppress noise during night hours.

C. Mud Control:
   1. Prevent mud nuisance caused by construction operations, unpaved roads, excavation, backfilling, demolition, or other activities.

1.08 REMOVAL

A. Remove temporary equipment before inspection for Final Completion or when directed.

B. Clean and repair damage caused by installation or use of temporary facilities.

C. Remove underground installations to minimum depth of 24 inches and grade to match surrounding conditions.

D. Restore existing facilities used during construction to specified or original condition.

March 2019

01500-3
PART 2 PRODUCTS

A. Generator:
1. The engine, generator, generator control panel, and fuel tank unit shall be manufactured in the U.S. by manufacturers currently engaged in the production of such equipment. An authorized distributor maintaining a parts depot and service facility shall be located within a 75-mile radius of the jobsite.
2. The engine-generator shall be manufactured by Caterpillar Inc. Engine Division, Generac, or Kohler or equal.
3. Rating: Minimum 800kW, 60Hz., 480V, 3 phase, 3 wire, NEMA 3R enclosure.
4. The engine-generator shall be capable of starting and running the loads listed in the Electrical Single Line Diagrams. Maximum voltage dip shall be 20%. Provide oversized generator and/or engine-generator unit to comply with this requirement.
5. Emissions: Provide the engine with emission control equipment to ensure that gaseous exhaust emissions (for NOx, HC, and CO) do not exceed the maximum levels established by the South Coast Air Quality Management District. These maximum levels shall be at manufacturer’s rated speed and load as measured by SAE-J177 and SAE-J215 recommended practices. Verification of the ability to meet these emission specifications shall be submitted.
6. Diesel day tank shall be sized for generators to run continuously for 24 hours.
7. Contractor shall use generators with a portable use permit from either South Coast Air Quality Management District, or the California Air Resources Board (preferred). Contractor will keep records of generator use and provide records to EMWD staff. When use of generator is complete, the equipment can demobilized. Temporary generator(s) cannot stay in the location for more than one (1) year, and shall not provide primary or supplement power to the facility for more than 90 calendar days.

Temporary generators shall be certified by the California Air Resources Board to Tier 2 or higher, and shall not be more than 15 years old.

Contractor shall furnish a copy of the permit or California Air Resources Board registration prior to mobilization, and shall comply with the conditions of the applicable permit.

B. MCCs/VFDs/ATS:
1. The products shall meet the specification 16160 for VFDs, specification 16250 for ATS and 16480 for Motor Control Centers and panelboards.
2. Temporary equipment shall not be more than 15 years old.
PART 3 EXECUTION

3.01 GENERAL

A. CONTRACTOR shall furnish, install, test, maintain and operate temporary equipment.

B. CONTRACTOR shall maintain adequate diesel supply so that the generators to run continuously for 12 hours.

END OF SECTION
SECTION 01612
SEISMIC DESIGN CRITERIA

PART 1  GENERAL

1.01  SUMMARY

A. Section includes: Seismic design criteria for the following:
   1. Anchorage of mechanical and electrical equipment.
   2. Seismic design and design of anchorage for small tanks fabricated off site and shipped to the Project site.
   3. Other structures or items as specified or indicated on the Drawings.

B. Related sections:
   1. The Contract Documents are complementary; what is called for by one is as binding as if called for by all.
   2. It is the CONTRACTOR’s responsibility for scheduling and coordinating the Work of subcontractors, suppliers, and other individuals or entities performing or furnishing any of CONTRACTOR’s Work.
   3. The following Sections are related to the Work described in this Section. This list of Related Sections is provided for convenience only and is not intended to excuse or otherwise diminish the duty of the CONTRACTOR to see that the completed Work complies accurately with the Contract Documents.

1.02  REFERENCES

A. American Society of Civil Engineers (ASCE):
   1. ASCE 7-10 Standard.

1.03  SYSTEM DESCRIPTION

A. Design requirements:
   1. Design in accordance with the requirements of the building code.
      a. Design for essential facility for seismic load; Risk Category IV.
      b. Site Coordinates: 33.475233°N, 117.139880°W.
      c. Site address: 29170 Old Town Front Street, Temecula CA
      d. Site Soil Classification: Site Class D
      e. Importance Factor for Anchorage of Mechanical & Elect. Equip.: I_e = 1.5.
      f. S_{DS} = 1.24
      g. S_{D1} = 0.759

   2. Do not use friction to resist sliding due to seismic forces.
3. Do not use more than 60 percent of the weight of the mechanical and electrical equipment for designing anchors for resisting overturning due to seismic forces.

4. Do not use more than 60 percent of the weight of the equipment for resisting overturning due to seismic forces.

5. Use anchor bolts or welded studs for anchors for resisting seismic forces. Anchor bolts used to resist seismic forces shall have a standard hex bolt head embedded in the concrete. Do not use anchor bolts fabricated from rod stock with an L or J-shape.

6. Do not use post installed epoxy anchors, concrete mechanical anchors, flush shells, powder actuated fasteners, sleeve anchors, or other types of anchors unless indicated on the Drawings or accepted in writing by the ENGINEER.

7. Seismic forces must be resisted by direct bearing on the fasteners used to resist seismic forces. Do not use connections that use friction to resist seismic forces.

1.04 SUBMITTALS

A. Shop drawings and calculations: Complete shop drawings and seismic calculations.

B. Calculations shall be signed and stamped by a civil or structural engineer licensed in the state where the Project is located.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

Not Used.

END OF SECTION
Appendix G

District Property Line
APN 922-210-048
August 12, 2019

ADDENDUM NO. 2 TO SPECIFICATION NO. 1349S
Pala LS Electrical Equipment Upgrade

This addendum to the specifications is for the purpose of adding, clarifying, or deleting certain information to the construction drawings and project specifications as follows:

MANDATORY PRE BID WALK THROUGH

A 2nd mandatory pre-bid walk-through meeting was conducted on August 1, 2019 and 9:00am.

NOTE: Refer to EMWD’s website to obtain the Pre Bid Walk-Through Sign-In Sheet.

QUESTIONS & ANSWERS

Global Power Group, Inc.

Q1. Can all the temp cable being used for the temporary power be Temp Power cable instead of Thhn installed in conduit?

A1. No.

Q2. All this temp cable would be installed in cable bridges for protection.

A2. No.

Q3. On Sheet E-009 TCC-06 thru TCC-09 state 10-#12’s, since this is for controls can this be 10-#18’s instead?

A3. No. Please bid using 10-#12’s.

Q4. Sheet C-006 shows electrical stub ups under the temporary ATS and MCC’s. It appears on sheet E-005 all this equipment is fed from the overhead cable tray. Please clarify where the underground conduits are to terminate.

A4. Please disregard conduits stub-ups shown in Sheet C-006 for temporary ATS and MCC. Temporary ATS and MCCs are fed from overhead.
Mass Electric Construction Co.

Q1. Drawing E-008 shows a conduit running between an existing box and the New MCP. It has a note attached to it which states "Existing Controls Rerouted to New MCP". No other information is given and this conduit is not listed on the Conduit & Cable Schedule. Please provide conduit and cable sizing for conduit to be rerouted.

A1. Use 2" conduit and 10 #14.

Q2. Drawing C-001 General Note - Soils and Foundations note #5 States "all excavated material must be placed on plastic sheeting or as directed by owner until determined NOT to be contaminated". Who is responsible for testing for "NOT Contaminated" and what test or tests are to be performed? Who is responsible for the testing costs?

A2. District would be responsible for testing and related expenses.

Q3. Drawing E-006 Note #3 calls for the new cable tray installed during temporary installation to be removed. Will the Cable Tray support Piers CTs-1 & CTs-2 need to be removed also?

A3. Yes, in Section 00100, it states that Contractor shall remove all temporary equipment, K-rail and temporary equipment concrete slabs when project construction is completed. Re-pave and restore all areas altered to prior conditions.

Q4. Drawing E-025 Shows an 2" Water Line to be demolished. Please clarify if this line is supposed to be demolished as depicted or if this is a 2" Water Line that is supposed to be installed New. Additionally, please clarify where the 2" water line originated from.

A4. The 2" water line is existing and active. This can be seen in sheets E-006 and E-005. District intends to keep this water line. A waterline with ¾” diameter copper pipe is required to tap to this pipe to install a hose bib at the heat pumps area as shown in sheet E-008. Copper pipe shall be plastic taped wrapped.

Q5. Drawing E-025 shows a Sample Cabinet, Control Box, and additional piece of equipment installed before the sample cabinet being demolished. Contractor requesting clarification(s) of what is being removed. Are these 3 items being removed supposed to be the existing Cabinet and Junction Box as shown in Figure #12 & #13 in Appendix D photos?

A5. Yes, refer to Sheet E-008 plan that indicates what is planned for that spot. Figure #12 & #13 in Appendix D photos identify equipment to be relocated. The equipment is to be relocated to allow space for new MCP and scum pump control panel.
Q6. Specification SC-02.2 States "cable trays shall have slotted bottom and ventilated tray covers. Drawing E-011, cable tray system notes #1 through #6 all mention cable tray is to be ladder type tray. Please clarify if cable tray is to be supplied as ladder type or as slotted bottom cable tray.

A6. Cable tray shall be ladder type tray inside the electrical room and slotted bottom with ventilated tray covers for the outdoor.

Q7. Drawing E-006 shows the IDF/Demarc enclosure mounted outside the control building on the west wall. Per note #10 the IDF/Demarc enclosure is to be supplied as Cube-iT-Plus by Chatsworth Products. Upon talking with Chatsworth Products the Cube-iT-Plus enclosure are intended for use in indoor environmentally controlled environments. These enclosures are not intended to be mounted outside, in plenum space or in industrial environments. Please confirm the type of enclosure to be supplied and the location the enclosure is to be mounted?

A7. The enclosure shall be located as shown on the drawing E-006. Enclosure shall be type NEMA 4X, suitable for outdoor.

Q8. In regards to the response to Q&A #11 in Addendum #1 the bidders must know the requirements of the District’s permits under which they must perform. This is especially true if the Bidders are to be held responsible for any violations of those permits. Otherwise, a Bidder could inadvertently violate a permit through no fault of its own. Please reconsider and provide the permits for review.

A8. District response will not change. Refer to Addendum 1 Q&A #11.

Q9. Drawing E-008 shows conduit tags PX-05, PX-06, PX-07 running from ductbank (NW corner of building) into building and across ceiling over to existing Emg. Standby Generator. Drawing E-010 Cable & Conduit Schedule lists the referenced conduit tags which include the remarks “Also via existing wireway”. Please clarify if conduit tags PX-05, PX-06, PX-07 are to utilize new conduit or existing wireway.

A9. Please provide new conduits.
Q1. According to UL, a new control panel cannot re-use components from another panel and be listed from the factory.
   A. If the re-used components ARE UL listed, they could be field installed.
   Question 1A: Can the owner verify that the RTU and Air Vac Unit both contain only UL listed components.
   B. Per spec section 16950-8, 105C, Factory testing is required prior to shipment.
   Question 1B: If the RTU and Air Vac Units are actually UL listable, and are installed in the field, will the factory testing requirement be waived? (To summarize this line of questioning, you cannot list a panel with used parts in it. You cannot ship a panel that is not UL listed (unless owner decides to field list). If you cannot factory witness test without those devices, there is an issue to resolve).
A1. The Air Vac components is eliminated from scope. All of the RTU components are UL listed.
   Contractor shall ask vendor to conduct applicable factory test the MCP before shipping and field test after delivery and installation.
Q2. Is the new MCP going to be in an air conditioned space? If yes, are space heaters and air conditioning required per spec section 16950 – 2.04 – A – 1 & 16950 – 2.04 – B?
A2. No, the new HVAC only provide cooling to VFDs, not the whole room.
Q3. Please provide drawings or other information on the existing Air Vac Unit.
A3. See response to Q1.
Q4. Who supplies the radio transceiver, and is it expected to be in the new MCP?
A4. This work will be performed by EMWD.
Q5. Where is the network switch to be located? If not in the MCP, who supplies it?
A5. Network switch is in the RTU cabinet. The contractor will supply the network switch.
Q6. A panel listed as 508A cannot posses any devises that are rated for hazardous locations. Will it be acceptable to house any IS barriers, or any other hazardous devices, within a smaller box nipped into the MCP?
A6. That would be acceptable. The building is located in non-hazardous area.
Q7. Please specify the enclosure type required to the MCP within the space. I.E. NEMA 4X, 12, or 7.

A7. NEMA 12

Q8. Please identify the boundaries of the hazardous locations on the interior and exterior.

A8. The building is located in non-hazardous area. The wet well is in a hazardous area.

Q9. Please identify where the Ethernet switch is located.

A9. See response to Q5.

Q10. Please provide a list of all new instruments that are to be provided by the contractor.

A10. Refer to Section 00100 - Special Conditions, SC-02 for items that will be provided by the Contractor.

Q11. Who will be performing the configuration/programming on the RTU?

A11. District will perform configuration/programming of the RTU.

**Square D/Schneider Electric**

Q1. Reference specification section 16480, 2.02.B.1 and 2.02.I.2 indicates “Switchboards shall be front accessible with fixed individually mounted or drawout mounted main protective devices and fixed individually mounted or panel mounted bolt-on protective devices.” Sheet E-003 shows drawout main and feeder breakers for the new 480V switchgear and distribution board. The standards referenced in 16480, 1.03.A are for UL489 and UL891 switchboards and not switchgear. The smallest drawout breaker frame available in the industry is 800AF and since UL891 switchboard construction is specified, is it acceptable to provide either drawout or I-Line plug on construction which provides similar benefits with the ratings indicated on the single line diagram. I-Line plug on construction has been industry proven over 50 year for industrial applications including water and wastewater facilities.

A1. Provide drawout main and feeder breakers for the new 480V switchgear and distribution board per E-003 for maintenance purpose.

Q2. Reference specification section 16480, 2.02.H.6 indicates Nema 3R enclosures shall be white (60-70) gloss on all surfaces. Please advise if ANSI medium light grey paint as specified in 2.02.H.5 is acceptable.

A2. Please provide per specification 16480. ANSI medium light grey paint as specified in 2.02.H.5 is for NEMA 1.
Q3. Reference specification section 16480, 2.04.A.5 indicates breakers shall be rated 65kAIC at 600V. Sheet E-003 calls for 65kAIC @ 480V. Please confirm breakers rated 65kAIC @ 480V are acceptable.

A3. Provide breakers per specification 16480, section 2.04.A.5. 480V on Drawing E-003 is intended to indicate equipment operating voltage.

Q4. Reference section 16160, 2.11 that a harmonic distortion study is to be provided to determine the characteristics and ratings of individual line reactors, passive filters, isolation transformers, 12 pulse VFDs, 18 pulse VFDs, or other suppression equipment necessary to achieve the specified distortion limits. Unless indicated otherwise in the specific project VFD requirements, active filters or active front end VFDs will not be allowed for suppression of harmonic distortion. Please clarify if the intent of the optional active harmonic filter shown on sheet E-003 and specified in the supplemental conditions, SC-2.2, is to allow other forms of harmonic suppression including active harmonic filters and active front end drives which can reduce the VFD footprint significantly as compared to other means of suppression, especially 18 pulse drives. Due to the specific space requirements and constraints in the existing electrical room, either active harmonic filtration or active front end makes the most efficient use of space, is the most energy efficient and still meets the intent of harmonic suppression per IEEE 519-92 and as specified by the district. Please note the VFD cabinets that include RVSS bypass may be slightly larger than shown on sheet E-013 which again makes space a concern. The existing site conditions do show harmonic filters are currently installed for at least two of the existing VFDs.

A4. The bid is to include the cost of the active harmonic filter per scope of work on Special Condition 00100, SC-02. Contractor to provide harmonic distortion study per specification 16160. Active harmonic filter might not be required if the harmonic distortion study indicates that it meets harmonic suppression requirement.

Q5. Reference sheet E-03, please clarify if the (2) VFDs for HP-1 and HP-2 are to be provided by driven equipment supplier.

A5. There are no VFD required for HP-1 and HP-2 (Heat Pumps). The label indicate air conditioners that provide cooling to the VFDs.
Eastern Municipal Water District

Paul D. Jones II, P.E.
General Manager

PE: GB
PM: AS
DFE: BM
DE: BM

PDJ:GB:ta:mf:ae
From: Global Power Group, Inc.
12060 Woodside Ave.
Lakeside, CA 92040

# of Pages: 2
By: Alissa Hutchinson

Date: 7/29/19

To: Tara Bacon/Surety Department
BB&T- John Burnham Insurance Services
750 B Street, Suite 2400
San Diego, CA 92101

Phone: (619) 525-2884
Fax: (888) 770-6295
Email: tbacon@bbandt.com

Name of Project: Pala Lift Station Electrical Equipment
Location: 29170 Front St. Temecula CA 92589 Upgrade
Owner/General Contractor: Eastern Municipal Water District
Owner/General’s Address: 2270 Trumble Rd. Perris CA 92570
Bid Date: 8/20/19 @ 10am
Invitation/Bid No.: 13498
Bid Bond % 100%
Performance/Payment Bond % 100%
Est. Start Up Date: UNKNOWN
Warranty Period: 1 YEAR
Time for Completion: 365 days
Liquidated Damages: $1,000 per day
Job Estimate: $2,500,000
Payments & Retention: 5%
Bid Bond Form Provided?: Yes

(If yes, please include form)

General Job Description: "Electrical Equipment Upgrades"

Work to be Subcontracted: (Amount) $

Additional Comments: