

# Notice to Bidders

## **THIS IS NOT AN ORDER**

ADVERTISED BID #0607-112  
RE-ADVERTISEMENT DATE: March 8, 2007

Pursuant to NRS 332.145 "Failure to receive responsible bids", TMWA is re-advertising this project to notice interested parties that no bids were received during the initial project release for the equipment listed. The generator portion of the original bid has been awarded.. Bidders have seven (7) days to submit a bid on this project and that if no bids are received, the contract may be let without further bidding. A bid document is posted on TMWA's web site for bidding this project at [http://www.tmh2o.com/about\\_us/doingbusinesswithtmwa/](http://www.tmh2o.com/about_us/doingbusinesswithtmwa/). Bidders are encouraged to check this website for Addendums that may be issued as well prior to submission of your bid.

All addendums issued prior to re-advertising this project have been incorporated into this document.

**SEALED BIDS** must be submitted to **TRUCKEE MEADOWS WATER AUTHORITY (TMWA)**, in person to 1355 Capital Blvd., Reno, NV 89502 or by mail to P.O.Box 30013, Reno, NV 89520-3013, by not later than 2:00 p.m. on March 19, 2007. Bids received after the date and time set for receipt will be **REJECTED**.

**BID OPENING** will be held publicly at 2:10 p.m. on March 19, 2007 at 1355 Capital Blvd., Reno, NV 89502 .

**BID AWARD** is scheduled to be made by March 20, 2007.

**PRICES** must be quoted FOB Reno, Nevada.

**TERM OF CONTRACT**: This is a one time purchase.

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## **SUMMARY**

### **Ridgeview #3 Pump Station Electrical Equipment Purchase**

TMWA is accepting sealed bids for the purchase of:

- One 400 Amp switch panel with automatic transfer switch for an emergency generator, power monitor, and integral 30 KVA transformer,
- Two (2) 100 HP reduced-voltage electric motor starters, and
- Two (2) 10 HP Variable-Frequency Drives

The communication system is to use a Modbus communication interface. Delivery of all equipment will be made to the Truckee Meadows Water Authority warehouse at 1355 Capital Boulevard in Reno, NV, 89502 is to be included. Suppliers may bid on any or all items. TMWA will select the best bid on an item-by-item basis. Installation will be by others and is not a part of this bid.

Justine Chambers, Purchasing/Contracts Administrator

## General Conditions

### 1) **NOTICE OF RIGHTS**

- a) TMWA reserves the right to reject any or all bids or any part thereof, and to waive any informalities or irregularities.
- b) TMWA reserves the right to require such surety as may be deemed necessary for the protection of TMWA, or to ensure the satisfactory performance of a contractor in accordance with the specifications and bid documents.
- c) TMWA reserves the right to withhold award for a period of thirty (30) days from the date of bid opening. Therefore, responses to this bid shall be valid for a period of thirty (30) days from the date required for receipt of bids.
- d) TMWA reserves the right to award in whole or in part, by item, group of items, or by section where such action would serve TMWA's best interest. Bids identified on the basis of "**ALL OR NOTHING**" will be excluded from this provision.
- e) TMWA, and its joiners, are tax exempt public entities and are not subject to federal excise, state or local taxes. Exemption numbers or certificates shall be furnished upon request.
- f) TMWA may require prior to bid award an onsite demonstration of any item proposed at bidder's expense.
- g) The Purchasing/Contracts Administrator for TMWA, acting as the Administrator of this contract, may audit any and all records pertaining hereto. He shall have access to view all equipment and facilities utilized by the Contractor. Such access shall be to determine the ability of the Contractor to perform in accordance with the provisions of these documents.
- h) **RIGHT OF JOINDER CONTRACTS:**
- i) TMWA reserves the right, pursuant to Nevada Revised Statutes 332.195 to allow other public entities, whose requirements and standards coincide herewith, to join or use this contract throughout the term of this contract.
  - ii) Any entity joining herewith shall have and reserve any and all rights held by TMWA herein and shall be given equal consideration.
  - iii) TMWA shall require any public entity joining herewith to commit and pay for such equipment or product(s) by means of their individual accounting and Purchasing & Contracts Department.

### 2) **PREPARATION OF BIDS:**

- a) Bids must be submitted in accordance with any document attached hereto and made an integral part hereof.
- b) Bids must be submitted on forms supplied by TMWA and presented according to the instructions for the submission of bids.

## General Conditions

- c) Bidders are expected to examine these documents carefully. Failure to do so will be at the bidder's risk.
  - d) Bidders are urged to proofread their bids carefully for any errors.
  - e) Any irregularities or lack of clarity in any of the bid documents should be brought to the attention of the Purchasing/Contracts Administrator as soon as possible so that corrective addenda may be furnished to all bidders.
  - f) Alterations or erasures must be crossed out and the corrections thereof printed in ink or typewritten adjacent thereto. Any corrections must be initialed, in ink, by each person signing the bid.
  - g) In the case of a difference between written words and figures, the amount stated in written words shall govern.
  - h) In the case of a difference between a unit price and the extended price, the unit price shall govern.
  - i) All prices shall be F.O.B. TMWA. No additional charges for freight, packaging, handling, insurance, etc., shall be allowed. Bidder shall be responsible for all shipping charges for items returned due to error and/or unacceptable condition.
  - j) If the bidder proposes to modify a product so as to make it conform to the requirements of this bid, he shall make a request prior to bid opening. Any request for modification will be approved or not-approved by addendum to all bidders.
  - i) TMWA reserves the right to accept or reject any or all alternatives or exceptions offered, based solely on the value of said alternatives or exceptions to TMWA.
  - k) **COLLUSION, DISCRIMINATION AND/OR PRICE FIXING:**
    - i) The bidder certifies that any and all prices which he may charge under the terms of the contract do not, and will not, violate any existing federal, state or municipal laws or regulations concerning discrimination and/or price fixing. The bidder agrees to indemnify, exonerate, and hold TMWA, and any of its joiners, harmless from liability for any such .
- 3) **SUBMISSION OF BIDS:**
- a) **Acknowledgment:**
    - i) The successful bidder understands and acknowledges, when signing this bid solicitation, that if he fails to provide the product(s) within the requirements of the delivery schedule, or if he fails to satisfy the requirements of these documents or any guarantee or warranty by not performing in accordance therewith, that such failure shall be deemed a material breach and TMWA may pursue all remedies available at law.
    - b) No bidder may assign any agreement resulting from award of this bid without the express written permission of the TMWA Purchasing/Contracts Administrator or designee.

## General Conditions

- c) All bidders must hold all valid licenses and permits required for the business they seek to perform prior to any bid being awarded. in which they operate.

However, possession of said license(s) is not a prerequisite for bidding.

- d) The entire Proposal Summary shall be enclosed in a sealed envelope addressed to Truckee Meadows Water Authority (TMWA) Attention Justine Chambers:

(Physical Address) 1355 Capital Blvd., Reno, NV 89502 (775) 834-8056

(Mailing Address) P.O. Box 30013, Reno, NV 89520-3013

- e) All signatures must be original. Copies will not be accepted.
- f) All bids must be sealed. TMWA will not be responsible for the premature opening of a bid not properly addressed or identified. Clearly identify on the outside of the envelope the following information: The Contract Number, The Descriptive Project Name, The Date and Time the Submission is Due.
- g) All bids received after the date and time set for receipt will be **REJECTED**.
- h) No bids will be accepted by Facsimile transmission.
- i) Bids may be modified by written notice provided such notice is received prior to the date and time set for receipt of bids. Facsimile modifications will not be accepted.
- j) When a bid bond is required, said bond will be acceptable only in the form of a certified check, cashier's check, or a bond issued by a reputable solvent surety company authorized to do business in the State of Nevada.

#### 4) **WITHDRAWAL OF BIDS**

- a) Bids may be withdrawn by written notice, provided such notice is received prior to the date and time set for receipt of bids.
- b) Notice of withdrawals received after the bid opening will not be considered.

#### 5) **APPEAL BY UNSUCCESSFUL BIDDER(S)**

5.1 The Truckee Meadows Water Authority Contracts Division will post the recommendation for award of this Contract on the website: [http://www.tmh2o.com/about\\_us/doingbusinesswithtmwa/](http://www.tmh2o.com/about_us/doingbusinesswithtmwa/). Any Bidder which submitted a bid to TMWA may protest the recommendation for award in accordance with the procedures set forth in NRS 338.142.

5.2 The protest must be submitted in writing to TMWA's Purchasing and Contracts Administrator. In addition to any other information required by law, the protest shall include the following information:

## General Conditions

5.3 The alleged violation(s) of:

5.3.1 Contract Documents referencing page number, item, and paragraph.

5.3.2 Nevada Revised Statutes referencing the specific chapter, section, and subsection.

5.3.3 Local codes or ordinances referencing section number.

5.4 Supporting documentation such as Nevada State Contractors Board licensing information or other detailed proof to substantiate the protest.

5.5 The Bidder filing the protest shall, at the time the protest is filed, post a bond with a good and solvent surety authorized to do business in the state of Nevada, or submit a cashiers check, money order, or certified check, to TMWA who will hold the bond or other security until a determination is made on the protest. The bond or other security submitted with the protest shall be in an amount equal to the lesser of 25 percent of the total Base Bid submitted by the Bidder filing the protest, or \$250,000.00.

5.5.1 If the protest is upheld, the bond or other security will be returned to the Bidder who submitted the protest.

5.5.2 If the protest is rejected, a claim may be made by TMWA against the bond or other security in an amount equal to the expenses incurred by TMWA because of the unsuccessful protest. Any money remaining after the claim has been satisfied will be returned to the Bidder who posted the bond or submitted the security.

5.6 The protest filed in accordance with these provisions operates as a stay of action in relation to award of the Contract until a determination is made by TMWA on the protest.

5.6.1 An unsuccessful Bidder may not seek any type of judicial intervention until TMWA has made a determination on the protest and awarded the Contract.

5.6.2 TMWA will not be liable for any costs, expenses, attorney's fees, loss of income, or other damages sustained by a Bidder, whether or not the Bidder files the protest.

5.6.3 TMWA's Administrator of Purchasing and Contracts will promptly issue a decision in writing to the protester and any other intervening party. If the protester or any other intervening party wishes to appeal the decision rendered by TMWA's Administrator of Purchasing and Contracts to the TMWA Board, such appeal shall be made within 48 hours from receipt of the decision by submitting a notice of appeal in writing to TMWA's Administrator of Purchasing and Contracts.

5.6.4 An award recommendation will be made and presented to the Truckee Meadows Water Authority for a final decision.

## General Conditions

5.7 TMWA will not consider protests unless the procedures specified in this Section are followed.

6) **AWARD OF CONTRACT**

a) TMWA will award the bid/contract on the basis of the bid or bids most advantageous in consideration of the criteria set forth in the State of Nevada Local Government Purchasing Act, Chapter 332 of the Nevada Revised Statutes. The evaluation of bids and the determination as to the quality of the product(s) offered shall be the responsibility of TMWA and will be based on information furnished by the bidder in his responding proposal, as well as other information reasonably available. In determining whether a bid is most advantageous, in addition to price, TMWA may consider the following:

- i) The ability, capacity and skill of the bidder to perform the contract or provide the service required;
- ii) Whether the bidder can perform the contract or provide the service promptly, and within the time specified without delay or interference;
- iii) The character, integrity, reputation, judgment, experience and efficiency of the bidder;
- iv) The quality of performance on previous contracts;
- v) Previous compliance of laws or ordinances by the bidder;
- vi) The financial responsibility of the bidder to perform under the contract or provide the service;
- vii) The limitations of any license the bidder may be required to possess;
- viii) The quality, availability, and adaptability of the product or service;
- ix) The ability of the bidder to provide future maintenance and/or service;
- x) The number and scope of conditions attached to the bid; and
- xi) The life cycle, maintenance and performance of the equipment or product being offered.

b) A Purchase Order, faxed, mailed or otherwise furnished by the Purchasing & Contracts Department, to the successful bidder, is a binding contract without further action by either party.

## **General Conditions**

c) After the award of bid, TMWA will post a notification of who the contract was awarded to on the web site: [http://www.tmh2o.com/about\\_us/doingbusinesswithtmwa/](http://www.tmh2o.com/about_us/doingbusinesswithtmwa/). All money order's or cashier's checks received will be returned within two (2) weeks from award of contract.

7) **TELEPHONE CONTACT:**

a) Awardee(s) shall be required to maintain telephone service such that TMWA may contact or leave a message for the Awardee(s) or their designee at any time. Awardee(s) shall provide advance notice to TMWA Purchasing & Contracts of any change in telephone number.

8) **HAZARDOUS SUBSTANCES AND MATERIAL:**

a) Awardee(s) agrees to submit complete and up-to-date Material Safety Data Sheets, herein referred to as MSDS, as defined and prescribed in 29 C.F.R. Section 1910.1200 on all chemicals/materials to be utilized in the performance of services as specified herein.

i) Awardee(s) shall submit all applicable MSDS to TMWA with the initial shipments of services.

ii) Awardee(s) shall maintain on-site MSDS for chemicals/materials in storage or in use at any TMWA Facility, and conform with all applicable safety requirements regarding same, including the labeling of all secondary containers as to their contents.

9) **INDEMNIFICATION:**

a) Awardee(s) shall be required to indemnify and hold TMWA, including its joiners, officers, employees, and its agent's harmless from any liability with respect to, but not limited to, claims for damages as a result of bodily injury, sickness, disease, death, or property damage arising or resulting from the bidder fulfilling his responsibilities according to the bid documents and subsequent contract.

10) **COMPLIANCE WITH IMMIGRATION AND NATURALIZATION LAWS:**

a) Awardee(s) shall at all times comply with Immigration and Naturalization Laws regarding eligibility of their employees or subcontractors to work in the United States.

11) **COPYRIGHTS AND PATENTS:**

a) The successful bidder hereby guarantees that he will have full legal right of all processes, programs, methods, and techniques employed under the construction, production, and performance of the contract, and agrees to pay all rents, fees, and royalties of every description on any and all patents or patent rights, or copyrights, covering said processes, programs, methods, or techniques.

## General Conditions

### 12) **WARRANTY AND GUARANTEES:**

a) The successful bidder agrees that any warranty or guarantee provided for herein or in the specifications shall not be considered as the exclusive remedy of TMWA, or its joiners, for any default in any respect by the bidder, but such warranty or guarantee shall be considered to be in addition to any right or remedy hereunder or otherwise allowed by law, equity, or statute.

### 13) **STATUS OF AWARDEE:**

a) Awardee(s) shall have the status of an "Independent Contractor" as defined by NRS 284.173, and shall not be entitled to any of the rights, privileges, benefits, and emoluments of either an officer or employee of TMWA.

b) The Awardee warrants that all persons employed by them to service in any way the equipment placed with TMWA as a result of this bid, have satisfactory past records indicating their ability and capability to accept the responsibilities anticipated with this type of work. All employees shall be required to present identification furnished by Awardee to establish their right to work on the equipment.

### 14) **ESCALATION AND DE-ESCALATION:**

a) Products supplied pursuant to the provisions of this Contract shall be subject to escalation and/or de-escalation of prices as indicated herein; (i.e., conditions brought about due to market fluctuation may result in such changes). Escalation and/or de-escalation shall be as set forth by the following provisions:

#### b) **Price Reductions:**

i) If, during the term of the contract, the successful bidder reduces any or all prices charged to any customer other than TMWA, or its joiners, for the same equipment of the equivalent quantity, quality, delivery, performance and warranty, as said equipment specified herein, the bidders shall make an equivalent reduction for TMWA, and its joiners, in corresponding prices.

#### ii) **Base Price:**

a) For purposes of bid solicitation and contract award, the base price shall be established by the respondent's proposal to this Bid. This price, once the Bid is opened and award made, shall not be changed except as provided herein.

#### iii) **Taxes:**

a) TMWA, and its joiners, as political subdivisions of the State of Nevada are eligible tax exempt entities and are not subject to sales tax or Federal Excise Tax.

## General Conditions

iv) **De-escalation:**

- a) Adjustments decreasing the "Base Price" shall be concurrent with the Contractor's price from his supplier(s). Should the Contractor have legal access to more than one supplier, he shall be aggressive in his endeavor to obtain the lowest responsive and responsible supplier capable of providing products that meet or exceed the requirements of the contract.
- b) The Contractor shall promptly notify the Purchasing/Contracts Administrator of the adjusted price, product involved, and the date of effect.

v) **Escalation:**

- a) Adjustments increasing the "Base Price" may be concurrent with the Contractor's price from his supplier(s), provided the Contractor can substantiate the necessity for such an adjustment, and that it is consistent with market conditions. Should the Contractor have legal access to more than one supplier, he shall be aggressive in his endeavor to obtain the lowest responsive and responsible supplier capable of providing products that meet or exceed the requirements of the contract.
- b) The Contractor shall promptly notify the Purchasing/Contracts Administrator of the adjusted price, product involved, and the date of effect. Notification shall be prior to the distribution of, or commitment to distribute, any product(s) affected by such an adjustment.
- c) In the event, price adjustments are inconsistent with market conditions, and in the opinion of the Purchasing/Contracts Administrator, the best interest of TMWA, and its joiners, would be served by a re-bid to the competitive market, TMWA reserves the right to waive the notification requirements of this agreement and terminate the contract without regard to the thirty (30) day written notice. The method necessary for such notice of termination shall be at the discretion of the Purchasing/Contracts Administrator.

15) **PAYMENTS:**

- a) TMWA, and its joiners, agree to provide payment in a timely fashion, to the successful bidder, when the terms and conditions of the bid and specifications have been completed and fulfilled on the part of the bidder, to the satisfaction of TMWA, or its joiners, of the bid price as presented by a complete and descriptive invoice.
- b) Prompt payment discounts shall be included in bid evaluation **ONLY** if discount period offered is fifteen (15) or more days.
- i) Discount period will be computed from the date of completed delivery/performance or from the date the correct invoice is received by the appropriate TMWA department/division accounts payable clerk, whichever is the later date. Payment is deemed to be made on the date payment is mailed to the Awardee.

## General Conditions

### 16) DEFAULT OF CONTRACT

- a) In case of default by the contractor (successful bidder), TMWA may procure the product(s) or service(s) from other sources and hold the contractor responsible for any excess cost occasioned thereby.
- b) If necessity requires the use of materials or supplies not conforming to the specifications, they may be accepted and payment shall be made at a proper adjustment in price.
- c) Default by the bidder, in any manner, including failure or refusal to furnish any product(s) and or service(s) at the price and/or within the time specified in the bid, may be considered cause to commence with proceedings against any surety held with the bid, assess a penalty equal to five percent (5%) of the total bid price.

### d) LIQUIDATED DAMAGES:

- e) Availability or payment of liquidated damages shall not preclude TMWA, or any of its joiners, from claiming and collecting damages on account of delay, price changes, loss of other contracts, loss of income, inability of TMWA, or its joiners, to fulfill other damages direct or consequential arising out of the failure of the bidder to perform under the terms, conditions and requirements of the bid documents.

### 17) ARBITRATION:

- a) Any litigation arising out of this Agreement shall be governed by the Nevada Short Trial Rules as adopted by the Nevada Supreme Court Rules.

### 18) TERMINATION:

- a) Upon thirty (30) calendar days written notice, with or without cause, either TMWA or the Awardee, may terminate this contract.

## General Conditions

Doc. No. 4001  
(March 9, 2007)

1) **GENERAL:**

- a) TMWA is accepting sealed bids for the purchase of the following equipment:

Pursuant to Nevada Revised Statutes, Chapter 332.115(d) said Equipment is “**Brands Specific**” and shall be furnished pursuant to the Specifications and Bid Documents attached hereto. It has been determined by TMWA that this equipment meets TMWA’s needs.

- One 400 Amp switch panel with automatic transfer switch for an emergency generator, power monitor, and integral 30 KVA transformer,
- Two 100 HP reduced-voltage electric motor starters, and
- Two 10 HP across-the-line electric motor starters.

Delivery of all the above equipment to the Truckee Meadows Water Authority Warehouse at 1355 Capital Boulevard in Reno, NV, 89502 is to be included.

2) **PRODUCT STATUS:**

- a) Only new product(s) shall be proposed and accepted under this contract. Bidding of demonstrator, or used product(s) shall be specifically prohibited.
- b) Product(s) supplied shall be of current design and manufacture. Product(s) furnished by the bidder having serious defects, corrosion, or scratches which tend to present an "other than new" appearance shall be promptly replaced or such defects promptly corrected by the bidder at no cost to TMWA, or its joiners. Should TMWA receive any product(s) not conforming to the requirements of these bid documents, they shall be returned and replaced at the bidder's expense.

# Special Conditions & Technical Specifications

## Special Conditions

Doc. No. 4002  
(January 31, 2007)

### **A. Definitions.**

1. Owner – Truckee Meadows Water Authority (TMWA).
2. Owner’s Representative - The authorized representative of the Owner who is assigned to the project.
3. Engineer - The Owner’s technical representative.
4. Manufacturer, Supplier, or Bidder - A manufacturer, fabricator, supplier, or vendor having a direct contract with the Owner to furnish materials or equipment covered by this specification and to be incorporated in the work by the Contractor.
5. Contractor - The person, firm or corporation licensed by the Nevada State Contractors Board having a direct contract with the Owner to install the equipment in the pump station.

**B. Submittals for Approval.** The successful bidder shall submit the following information to the Engineer for approval. Item 1 shall be submitted as part of the Bid Submission. Items 2 and 3 shall be delivered not less than ten (10) days prior to shipment of the equipment from the factory.

1. Dimensioned catalog drawings of the specific equipment.
2. Brochures or catalog cut sheets describing the specific model and type of each piece of equipment provided. All applicable sections are to be highlighted, with non-pertinent sections crossed out.
3. Any other descriptive material necessary to clearly describe all of the equipment and components offered.

**C. Information to be Submitted with Equipment Delivery.** The supplier shall submit the following information in advance of, or with delivery of the electrical equipment. Payment will not be made until all information and manuals specified are received and deemed acceptable by the Engineer.

1. Three sets of operating and maintenance manuals. If manufacturer's standard brochures and manuals are used to describe operating and maintenance procedures, such material shall be modified to reflect the model or series of equipment provided. Extraneous material shall be crossed out neatly or otherwise annotated or eliminated.

# Special Conditions & Technical Specifications

Operating and maintenance information shall consist of the name, address and telephone number of the manufacturer, his nearest representative, the nearest supplier of the manufacturer's equipment and parts, and the nearest repair center authorized to perform work on the manufacturer's equipment, as well as the following items of information:

- a) **Start-Up Procedures:** These instructions consist of equipment manufacturer's recommendations for installation, adjustment, calibration and troubleshooting.
- b) **Operating Procedures:** These instructions consist of the equipment manufacturer's recommended step-by-step procedures for starting, operating, and stopping the equipment under specified modes of operation.
- c) **Preventive Maintenance Procedures:** These instructions consist of equipment manufacturer's recommended steps and schedules for maintaining the equipment.
- d) **Overhaul Instructions:** These instructions consist of the manufacturer's directions for the disassembly, repair and reassembly of the equipment and any safety precautions that must be observed while performing the work.
- e) **Spare Parts List:** This list consists of the manufacturer's recommendations of number of parts that should be stored by the Owner and any special storage precautions that may be required.
- f) **Electrical Diagrams:** Diagrams shall show internal and connection wiring. All wires shall be marked.
- g) **Specific Information:** When items of information not included in the above list are required, they will be provided as described in the specification for the equipment.

**D. Substitutions.** Variations to the specifications contained herein will be considered. The bidder shall submit, with his proposal, documentation explaining in detail the reasons for and the advantages of variations. Bids must contain both the prices of the specified material and the substitute material.

**E. Bid Selection.** Bid selection will be based on bid prices, shipping times, compliance with the Technical Specifications, and all applicable state and local regulations governing public bidding.

**F. Delivery Dates.** The actual delivery times for the proposed equipment after submittal approval shall be listed on the Supplemental Information sheet in the Proposal. The bidder shall guarantee this delivery time. Bidders will be subject to liquidated damages if the guaranteed delivery time is not met. If the equipment is not delivered within the time stated by the manufacturer in the proposal and as listed in the Owner's purchase order, liquidated damages will be retained from the moneys owed the Supplier. The amount of liquidated damages retained by the Owner will be one-half of one percent per day of the price of the material which is late, or \$100.00 per day whichever is greater. In no case will the liquidated damages exceed 20 percent of the total order value.

## Special Conditions & Technical Specifications

**G. Delivery.** Delivery shall be coordinated with Mr. Brent Eisert, Truckee Meadows Water Authority, 775-843-2301. The specified delivery point will be the TMWA warehouse located at 1355 Capital Boulevard, Reno, Nevada 89502. Shipper must call at least 24 hours prior to delivery to ensure a forklift will be available.

**H. Acceptance/Warranty.** Equipment will be accepted, and the warranty will begin, either at the time of successful startup, or six months after delivery to TMWA, whichever comes first. The warranty will cover defects in material and workmanship for a minimum period of one year.

**I. Payment.** Payment will be made after receipt of the equipment, appurtenances, and other information required to be submitted with delivery. Invoices shall be labeled “Vista #4 Pump Station” and shall be sent to the attention of Chris Struffert, Truckee Meadows Water Authority, P.O. Box 30013, Reno, Nevada 89520-3013.

**END OF SPECIAL CONDITIONS**

# Special Conditions & Technical Specifications

## Technical Specifications

### Section 01300

#### SUBMITTALS

##### PART 1: GENERAL

##### 1.01 Procedures

- A. Items to be submitted are noted in the individual specification sections or on the Improvement Plans.
- B. Provide shop drawings, catalog cuts, calculations, and data sheets as specified and as appropriate. Clearly indicate the item being submitted when using catalog cut sheets. Submittals not so marked will not be reviewed.
- C. Submittals shall be made sufficiently in advance of construction to allow for review. In no case shall less than two weeks (14 days) be allowed for review and approval of any submittal or resubmittal.
- D. Five copies of each submittal shall be provided. One copy will be returned to the Contractor. Submittals will be marked in one of six ways as noted below.

Approved as Submitted

Approved as Noted

Disapproved Make Corrections – Resubmittal Required

Disapproved as Noted Develop Replacement – Resubmittal Required

Incomplete. Complete and Resubmit – Resubmittal Required

Incomplete. Submit Missing Portions – Resubmittal Required

- E. Submittal comments will be furnished in memo form, written directly on the submittal, or both.

END OF SECTION

# Special Conditions & Technical Specifications

## SECTION 16265

### **VARIABLE FREQUENCY CONTROLLERS**

#### **INSTALLATION SPECIFICATION**

#### **BRAND SPECIFIC EQUIPMENT IS PROVIDED BY TMWA AND INSTALLED AND TESTED BY CONTRACTOR**

### **PART 1: GENERAL**

#### **1.01 SUMMARY**

- A. Section includes variable frequency controllers.

#### **1.02 REFERENCES**

- A. Institute of Electrical and Electronics Engineers:
  - 1. IEEE C62.41-Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- B. National Electrical Manufacturers Association:
  - 1. NEMA 250-Enclosures for Electrical Equipment (1000 Volts Maximum).
  - 2. NEMA FU1-Low Voltage Cartridge Fuses.
  - 3. NEMA ICS 7-Industrial Control and Systems: Adjustable Speed Drives
  - 4. NEMA ICS 7.1-Safety Standards for Construction and Guide for Selection, Installation, and Operation of Adjustable-Speed Drive Systems
- C. International Electrical Testing Association:
  - 1. NETA ATS-Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.

#### **1.03 SUBMITTALS**

- A. Section 01300 General Conditions-Submittal Procedures: Submittal Procedures.
- B. Shop Drawings: Indicate electrical characteristics and connection requirements. Include plan and elevation views with overall and interconnection point dimensions, fuel consumption rate curves at various loads, ventilation and combustion air requirements, electrical diagrams including schematic and interconnection diagrams.
- C. Product Data: Submit data showing dimensions, weights, ratings, interconnection points, and internal wiring diagrams for engine, generator, load bank, control panel, battery, battery, rack, battery charger, exhaust silencer, vibration isolators and base tank.

# Special Conditions & Technical Specifications

- D. Test Reports: Indicate results of performance testing.
- E. Manufacturer's Field Reports: Indicate inspections, findings, and recommendations.

## **1.04 CLOSEOUT SUBMITTALS – Required of the Supplier**

- A. Operation and Maintenance Data! Submit instructions complying with NEMA ICS 7.1. Include procedures for starting and operating controllers, and describe operating limits possible resulting in hazardous or unsafe conditions. Include routine preventive maintenance schedule.

## **1.05 QUALIFICATIONS**

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience, and with service facilities within 100 miles of project.

## **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Store in clean, dry space. Maintain factory wrapping or provide additional canvas or plastic cover to protect units from dirt, water, construction debris, and traffic.
- B. Handle in accordance with manufacturer's written instructions. Lift only with lugs provided. Handle carefully to avoid damage to components, enclosure, and finish.

## **1.08 WARRANTY –Required of the Supplier**

- A. Furnish one year manufacturer warranty on site parts and labor for variable frequency controller.

## **1.09 MAINTENANCE SERVICE–Required of the Supplier**

- A. Furnish service and maintenance of variable frequency controller for one year from Date of Substantial Completion.

## **1.10 MAINTENANCE MATERIALS –Required of the Supplier**

- A. Furnish two of each: air filter.

## **PART 2: PRODUCTS**

### **2.01 SERVICE CONDITIONS**

- A. Manufacturers:

# Special Conditions & Technical Specifications

1. Square D: Altivar 58 Series Drive
  2. Allen Bradley: Power Flex 700 Series
    - a. 10 HP Motor:  
Model #21AD011GEAYNAHD0NNNN-  
ND-B5-C5-P4-S1-S9-S13  
Quantity: 2 Drives
  3. Danfoss Aqua Drive
  4. Substitutions: Not Permitted.
  5. Door mounted interfaces for the drives are to be supplied. Acceptable type: Allen Bradley "HIM", Or equal.
  6. The VFD's are to use Ethernet (Cat-5e) based communications protocol.
- B. Product Description: NEMA ICS 7, combination circuit breaker disconnect, enclosed variable frequency controller, suitable for operating indicated load. Select unspecified features and options in accordance with NEMA ICS 7.1. Silicon controlled rectifier (SCR) fuses are to be used in conjunction with the enclosed controller (RVSS) and Variable Frequency Controllers (VFC) applications. The two 10HP VFDs are to be equipped with by-pass contactors.
- C. Enclosure: NEMA 12
- D. Altitude: 4,800 feet.

## **PART 3: EXECUTION**

### **3.02 INSTALLATION –By Others**

### **3.03 FIELD QUALITY CONTROL –Required of the Supplier**

- A. Inspect and test in accordance with NETA ATS, except Section 4.
- B. Perform inspections and tests listed in NETA ATS, Section 7.16 and NEMA ICS 7.1.

### **3.04 MANUFACTURER'S FIELD SERVICES –Required of the Supplier**

- A. Prepare and start up variable frequency controller on site.

### **1.1 DEMONSTRATION AND TRAINING - Provided by supplier at Equipment Start up. The supplier shall be given 30 days notice of the date for training.**

- A. Furnish 2 hours of instruction each for two persons, to be conducted at project site with manufacturer's representative.

END OF SECTION 16265

# Special Conditions & Technical Specifications

## SECTION 16421

### ENCLOSED CONTROLLERS

#### INSTALLATION SPECIFICATION

**EQUIPMENT IS PROVIDED BY TMWA AND INSTALLED AND TESTED BY CONTRACTOR**

#### **PART 1 : GENERAL**

##### **1.1 SUMMARY**

- A. Section includes manual and magnetic motor controllers in individual enclosures.

##### **1.2 REFERENCES**

- A. National Electrical Manufacturers Association:
  - 1. NEMA AB 1 - Molded Case Circuit Breakers and Molded Case Switches.
  - 2. NEMA FU 1 - Low Voltage Cartridge Fuses.
  - 3. NEMA ICS 2 - Industrial Control and Systems: Controllers, Contractors, and Overload Relays, Rated Not More Than 2000 Volts AC or 750 Volts DC.
  - 4. NEMA ICS 5 - Industrial Control and Systems: Control Circuit and Pilot Devices.
  - 5. NEMA ICS 6 - Industrial Control and Systems: Enclosures.
  - 6. NEMA KS 1 - Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum).
- B. International Electrical Testing Association:
  - 1. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.

##### **1.3 SUBMITTALS**

- A. 01300 General Conditions - Submittal Procedures: Submittal procedures.
- B. Product Data Submit catalog sheets showing voltage, controller size, ratings and size of switching and overcurrent protective devices, short circuit ratings, dimensions, and enclosure details.
- C. Test Reports: Indicate field test and inspection procedures and test results.

##### **1.4 CLOSEOUT SUBMITTALS --Required of the Supplier**

- A. Project Record Documents: Record actual ratings of enclosed controllers.
- B. Operation and Maintenance Data Submit Replacement parts list for controllers.

# Special Conditions & Technical Specifications

## 1.5 WARRANTY

- A. Furnish one-year manufacturer warranty on site parts and labor for variable frequency controller.

## 1.6 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

## PART 2 : PRODUCTS

- A. REDUCED VOLTAGE NON-REVERSING CONTROLLERS
- B. Manufacturers:
  - 1. Square D: Altistart 48 Soft Start.
  - 2. Allen Bradley: SMC
  - 3. Substitutions: Not Permitted.
- C. Product Description: NEMA ICS 2, combination disconnect, AC general-purpose solid-state controller for induction motors rated in horsepower.
- D. Control Voltage: 120 VAC, 60 Hz.
- E. Overload Relay: NEMA ICS 2.
- F. Product Features:
  - 1. Auxiliary Contacts: NEMA ICS 2, 3 contacts programmable in addition to seal-in contact.
  - 2. Cover Mounted Pilot Devices: NEMA ICS 5, oil tight type.
  - 3. Pilot Device Contacts: NEMA ICS 5, Form Z, rated A150.
  - 4. Pushbuttons: Covered type.
  - 5. Indicating Lights: LED type. Power On (Green), Run (Red) and Fault (Amber).
  - 6. Selector Switches: Rotary type.
  - 7. Relays: NEMA ICS 2.
  - 8. Control Power Transformers: 120 volt secondary, in each motor starter. Furnish fused primary and secondary, and bond unfused leg of secondary to enclosure.
  - 9. Pump Control option.
  - 10. Rated for 4,500 feet, 100 degree F.
  - 11. Silicon controlled rectifier (SCR) fuses are to be used in conjunction with the enclosed controller (RVSS) and Variable Frequency Controllers (VFC) applications.
  - 12. Provide isolation type contact starters.
- G. Combination Controllers: Combine motor controllers with disconnect in common enclosure, using thermal magnetic circuit breaker conforming to NEMA AB 1, with integral thermal and instantaneous magnetic trip in each pole.

# Special Conditions & Technical Specifications

- H. Enclosure: NEMA ICS 6, to meet conditions. Fabricate enclosure from steel finished with manufacturer's standard gray enamel.
  - 1. Interior Dry Locations: NEMA Type 12 – IP54.

## **PART 3 : EXECUTION**

### **3.1 INSTALLATION – By Others**

### **3.2 FIELD QUALITY CONTROL - --Required of the Supplier**

- A. Inspect and test in accordance with NETA ATS, except Section 4.
- B. Perform inspections and tests listed in NETA ATS, Section 7.16.1.

END OF SECTION 16421

# Special Conditions & Technical Specifications

## SECTION 16441

### SWITCHBOARDS

#### INSTALLATION SPECIFICATION

#### **EQUIPMENT IS PROVIDED BY TMWA AND INSTALLED AND TESTED BY CONTRACTOR**

#### PART 4 : GENERAL

##### 4.1 SUMMARY

- A. Section includes main switchboard, transformer and Automatic Transfer Switch. Switchboard furnished by TMWA, installed by contractor.

##### 4.2 REFERENCES

- A. American National Standards Institute:
  - 1. ANSI C12.1 - Code for Electricity Metering.
  - 2. ANSI C39.1 - Requirements, Electrical Analog Indicating Instruments.
- B. Institute of Electrical and Electronics Engineers:
  - 1. IEEE C57.13 - Standard Requirements for Instrument Transformers.
  - 2. IEEE C62.41 - Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
- C. National Electrical Manufacturers Association:
  - 1. NEMA AB 1 - Molded Case Circuit Breakers and Molded Case Switches.
  - 2. NEMA FU 1 - Low Voltage Cartridge Fuses.
  - 3. NEMA KS 1 - Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum).
  - 4. NEMA PB 2 - Deadfront Distribution Switchboards.
  - 5. NEMA PB 2.1 - General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or Less.
- D. International Electrical Testing Association:
  - 1. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems.

##### 4.3 SUBMITTALS

- A. 01300 General Conditions - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Indicate front and side views of enclosures with overall dimensions shown; conduit entrance locations and requirements; nameplate legends; size and number of bus bars for each phase, neutral, and ground; and switchboard instrument details.

# Special Conditions & Technical Specifications

- C. Product Data Submit electrical characteristics including voltage, frame size and trip ratings, fault current withstand ratings, and time-current curves of equipment and components.
- D. Test Reports: Indicate results of factory production and field tests.

## 4.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

## 4.5 DELIVERY, STORAGE, AND HANDLING –Required of the Supplier

- A. Deliver in **48 inch** maximum width shipping splits, individually wrapped for protection and mounted on shipping skids.
- B. Handle in accordance with NEMA PB 2.1. Lift only with lugs provided. Handle carefully to avoid damage to switchboard internal components, enclosure, and finish..

## 4.6 MAINTENANCE MATERIALS –Required of the Supplier

- A. Furnish two of each key.

## PART 5 : PRODUCTS

### 5.1 DISTRIBUTION SWITCHBOARDS

- A. Manufacturers:
  - 1. GE Electrical.
  - 2. Siemens.
  - 3. Square D.
  - 4. Cutler Hammer.
  - 5. Substitutions: General Conditions - Not Permitted.
- B. Product Description: NEMA PB 2, enclosed switchboard with electrical ratings and configurations as indicated on Drawings.
- C. Service Conditions:
  - 1. Temperature: **100 degrees F.**
  - 2. Altitude: **4,500 feet.**
- D. Device Mounting:
  - 1. Main Section: Individually mounted.
  - 2. Distribution Section: Panel mounted.
  - 3. Auxiliary Section: Individually mounted.
- E. Bus:
  - 1. Material: Copper, standard size.
  - 2. Connections: Bolted, accessible from front for maintenance.
- F. Ground Bus: extend length of switchboard.

# Special Conditions & Technical Specifications

- G. Line and Load Terminations: Accessible from front only of switchboard.
- H. Utility Metering Compartment: Furnish metering transformer compartment for Sierra Pacific Power Company's (SPPCO's) use, in accordance with SPPCO requirements.
- I. Pull Section: Size as indicated on Drawings. Arrange as indicated on Drawings.
- J. Future Provisions: Fully equip spaces for future devices with bussing and bus connections, insulated and braced for short circuit currents.
- K. Enclosure: Type 3R.
- L. Align sections at front and rear.
- M. Finish: Manufacturer's standard light gray enamel over external surfaces. Coat internal surfaces with minimum one coat corrosion-resisting paint, or plate with cadmium or zinc.
- N. Shunt Trip Devices: 24 VDC Provide as indicated on drawings.

## 5.2 POWER MONITOR:

- A. Manufacturers:
  - 1. Square D PM850
  - 2. Or approved equal.
- B. Product Description: Square D PM850, 3 Element Wye System, 277-480 V, 125V AC or DC Control Power, 3 KYZ Pulse Outputs, with Ethernet Protocol, to be furnished as integral part of the main switchboard with KIID remote mounting kit and (3) 600.5 CTs capable of mounting around bus bars.

## 5.3 AUTOMATIC TRANSFER SWITCH

- A. Manufacturers:
  - 1. Eaton with Microprocessor.
  - 2. Zenith with Microprocessor.
  - 3. Or approved equal.
- B. Product Description: EATON BIHINBA30600XSU, NEMA ICS 10, automatic transfer switch, open type, delayed transition, mounted integral to the Main Switchboard.
- C. Configuration: Electrically operated, mechanically held transfer switch.
- D. Rating: 400 Amp, 277/480 volt, three phase, 4 wire, 3 pole.
- E. Interrupting Capacity: 100 percent of continuous rating.
- F. Service Conditions: NEMA ICS 10.
  - 1. Temperature: 100 degrees F.
  - 2. Altitude: 4,500 feet above sea level.
- G. Product Features:
  - 1. Indicating Lights: Mount in cover of enclosure to indicate NORMAL SOURCE AVAILABLE, ALTERNATE SOURCE AVAILABLE, switch position.

## Special Conditions & Technical Specifications

2. Test Switch: Mount in cover of enclosure to simulate failure of normal source.
  3. Return to Normal Function: Pushbutton or switch on front cover to initiate manual transfer from alternate source to normal source.
  4. Transfer Switch Auxiliary Contacts: Indication that the transfer switch is not in “auto” position shall be provided through a form C auxiliary contact.
  5. Normal Source Monitor: Monitor each line of normal source voltage and frequency; initiate transfer when voltage drops below 85 percent or frequency varies more than 3 percent from rated nominal value.
  6. Alternate Source Monitor: Monitor alternate source voltage and frequency; inhibit transfer when voltage is below 85 percent or frequency varies more than 3 percent from rated nominal value.
  7. Engine kill contact – blocks the running of the generator in the event of a shunt trip.
- H. Automatic Sequence of Operation:
1. Initiate Time Delay to Start Alternate Source Engine Generator: Upon initiation by normal source monitor.
  2. Time Delay To Start Alternate Source Engine Generator: 0 to 10 seconds, adjustable.
  3. Initiate Transfer Load to Alternate Source: Upon initiation by normal source monitor and permission by alternate source monitor.
  4. Time Delay Before Transfer to Alternate Power Source: 0 to 5 minutes, adjustable.
  5. Initiate Retransfer Load to Normal Source: Upon permission by normal source monitor.
  6. Time Delay Before Transfer to Normal Power: 0 to 30 minutes, adjustable; bypass time delay in event of alternate source failure.
  7. Time Delay Before Engine Shut Down: 0 to 5 minutes, adjustable, of unloaded operation.
  8. Alternate System Exerciser: Transfer load to alternate source during engine exercising period.
- I. Enclosure:
1. Enclosure: Open Type, integral part of switchgear.
- J. Product purchase and shipping requirements:
1. The ATS shall be purchased locally, within 100 miles of project site, through an Eaton authorized distributor. The equipment supplier shall ship the ATS directly to the switchboard manufacturer’s assembly plant for mounting and installation into the switchboard. Documentation of Eaton authorized supplier shall be included with the equipment quote and submittal packages.
- 5.4 SOLID STATE CIRCUIT BREAKER
- A. Product Description: UL489, Main Circuit Breaker Device.
- B. Solid-State Circuit Breaker: Electronic sensing, timing, and tripping circuits for adjustable current settings; instantaneous trip; and adjustable short time trip, long time trip and ground fault.

# Special Conditions & Technical Specifications

## 5.5 MOLDED CASE CIRCUIT BREAKER

- A. Product Description: NEMA AB 1, molded-case circuit breaker. Branch Feed Breaker Devices.
- B. Magnetic Field-Adjustable Trip Circuit Breaker on 250 amp frame and higher.

## 5.6 TRANSIENT VOLTAGE SURGE SUPPRESSOR

- A. Product Description: TVSS Unit, 480Volt, (4-wire + Gnd) WYE, 180Ka / per phase with phase status lights, Form C contacts for remote monitoring and audible alarm. Mounted integral to switchboard.

## 5.7 DRY-TYPE TRANSFORMER

- A. Product Description: 30kVA, 480V - 240/120V, 3 Phase, Dry-Type, copper windings. Floor-Mounted **NEMA 3R**. Provide primary and secondary circuit breaker protection in switchboard.

## 5.8 FIELD QUALITY CONTROL –Required of the Supplier

- A. Inspect and test in accordance with NETA ATS, except Section 4.
- B. Perform inspections and tests listed in NETA ATS, Section 7.1 and Section 7.22.3.

## 5.9 ADJUSTING –Required of the Supplier

- A. The equipment shall be Tested, adjusted, and balanced in accordance with manufacturer's specifications.

## 5.10 DEMONSTRATION AND TRAINING - Provided by supplier at Equipment Start up. The supplier shall be given 30 days notice of the date for training.

- A. Switchboard manufacturer and Eaton shall provide a minimum of 2 hours demonstration and training session. Training session shall be performed at project site at time specified by TMWA. Demonstration shall include operation of transfer switch and switchboard in normal and emergency modes.

## 5.11 WARRANTY –Required of the Supplier

- A. Furnish one year manufacturer warranty on site parts and labor for variable frequency controller.

END OF SECTION 16441

# Proposal Summary

(March 9, 2007)

**BID #** 0607-112

**BID TITLE:** Ridgeview #3 Pump Station Electrical Equipment Purchase

**CASH DISCOUNT** of \_\_\_\_\_ % may be taken in addition to the price(s) stated for the terms of \_\_\_\_\_ days from receipt of the equipment and a correct invoice.

**INSTRUCTIONS:** Price your proposal based on the following format. If additional space is required, attach a supplemental page to this form. Incomplete proposals not containing all the requested information may be rejected at the option of the Owner. Bidders may bid on all or individual pieces of equipment for this bid. TMWA reserves the right to award this Contract on the bases of what is most advantageous to TMWA. TMWA may award the bid to one, two, three, or four bidders.

Reminder: All bidders must submit dimensioned catalog drawings of the specific equipment.

## Spec # 16265 Variable Frequency Drives – Brand Specific

	Unit Price	Total Price
1. Two (2) 10 HP Variable Frequency Drives	\$	\$
1a. Delivery of 10 HP Variable Frequency Drives to the TMWA warehouse	\$	
Total Price for item 4 & 4a	\$	
Submittals will be provided to TMWA within how many weeks from the date the purchase order is issued		
Guaranteed delivery time for the equipment from the date of approved submittals		
Make of Equipment Proposed		
Model of Equipment Proposed		
Model Year of Product Proposed		
Number of Years this Model has been in Production:		
Term of Warranty (Full Parts & Labor – minimum 1 year)		
Parts & Service Center: Closest Authorized Repair Center to Reno, NV within 40 miles:		
Company Name: _____		
Mailing Address: _____		
Street Address: _____		
City, State & Zip Code: _____		
Telephone Number _____		
Does this product meet or exceed the requirements of this bid document?		

# Proposal Summary

## Spec #16421 Reduced-Voltage Electric Motor Starters -Brand Specific

	Unit Price	Total Price
2. Two (2) 100 HP reduced-voltage electric motor starters	\$	\$
2a. Delivery of two (2) 100 HP motor starters to the TMWA warehouse	\$	
Total Price for item 3 & 3a	\$	
Submittals will be provided to TMWA within how many weeks from the date the purchase order is issued		
Guaranteed delivery time for the equipment from the date of approved submittals		
Make of Equipment Proposed		
Model of Equipment Proposed		
Model Year of Product Proposed		
Number of Years this Model has been in Production:		
Term of Warranty (Full Parts & Labor – minimum 1 year)		
Parts & Service Center: Closest Authorized Repair Center to Reno, NV within 40 miles:		
Company Name: _____		
Mailing Address: _____		
Street Address: _____		
City, State & Zip Code: _____		
Telephone Number _____		
Does this product meet or exceed the requirements of this bid document?		

# Proposal Summary

## SPEC #16441 Electrical Switchboard – Brand(s) Specific

Bidder must provide documentation from Eaton that the Bidder is an Eaton authorized supplier with bid submission.

3. One (1) 400 Amp Electrical switchboard including ATS, power monitor, and integral 30 KVA transformer	\$
3a. Delivery of switchboard, ATS, monitor, and transformer to the TMWA warehouse	\$
Total Price for item 2 & 2a	\$
Submittals will be provided to TMWA within how many weeks from the date the purchase order is issued	
Guaranteed delivery time for the equipment from the date of approved submittals	
Weight of palletized switchgear will be _____ pounds.	
Dimensions of palletized switchgear will _____" L x _____" W x _____" H.	
Make of Equipment Proposed	
Model of Equipment Proposed	
Model Year of Product Proposed	
Number of Years this Model has been in Production:	
Term of Warranty (Full Parts & Labor –minimum 1 year)	
Parts & Service Center: Closest Authorized Repair Center to Reno, NV within 40 miles:	
Company Name: _____	
Mailing Address: _____	
Street Address: _____	
City, State & Zip Code: _____	
Telephone Number _____	
Does this product meet or exceed the requirements of this bid document?	

# Proposal Summary

## BIDDER INFORMATION:

Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State / Zip Code: \_\_\_\_\_  
Complete Telephone Number: \_\_\_\_\_  
Complete Fax Number: \_\_\_\_\_

## LICENSING INFORMATION:

Business License Number: \_\_\_\_\_  
Date Issued: \_\_\_\_\_  
Date of Expiration: \_\_\_\_\_  
Name of Licensee: \_\_\_\_\_  
Address of Licensee: \_\_\_\_\_  
City, State, Zip Code of Licensee: \_\_\_\_\_

Telephone Number of Licensee: \_\_\_\_\_

Taxpayer Identification Number: \_\_\_\_\_

## DISCLOSURE OF PRINCIPALS:

a) **Individual and/or Partnership:**

Owner 1) Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip Code: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_

Owner 2) Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip Code: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_

Other 1) Title: \_\_\_\_\_  
Name: \_\_\_\_\_

Other 2) Title: \_\_\_\_\_  
Name: \_\_\_\_\_

# Proposal Summary

b)

**Corporation:**

State in which Company is Incorporated: \_\_\_\_\_

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

Name of Corporation: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

President's Name: \_\_\_\_\_

Vice-President's Name: \_\_\_\_\_

Other 1) Name: \_\_\_\_\_

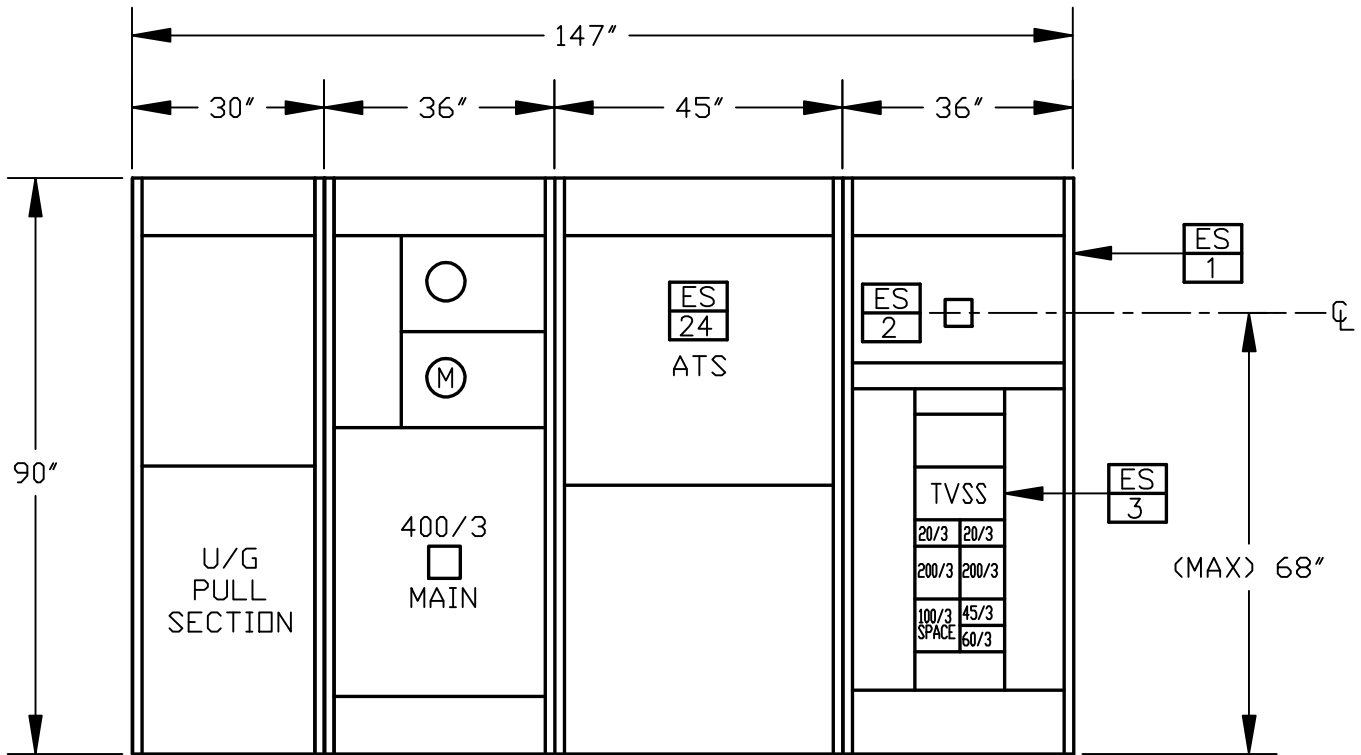
Title: \_\_\_\_\_

Other 2) Name: \_\_\_\_\_

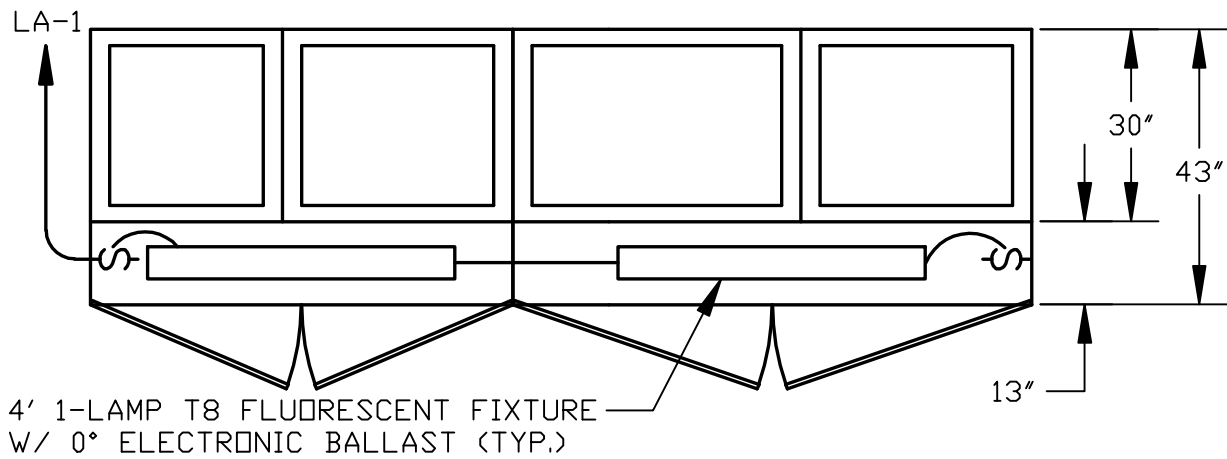
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FRONT INTERIOR ELEVATION



PLAN VIEW

B  
E7

**SWITCHBOARD DETAIL**  
SCALE: N.T.S.