

**CASITAS MUNICIPAL WATER DISTRICT
REQUEST FOR QUOTATION
February 17, 2015**

1. INTRODUCTION

The Casitas Municipal Water District (Casitas) is requesting quotations to provide and deliver one 600 horsepower medium voltage Variable Frequency Drive (VFD) rated motor to the Rincon Pump Plant at Casitas Dam, Ventura County, California. It is Casitas' intent to receive quotations that include all services, including labor, materials, testing and equipment necessary to provide the motor described by this Request for Quotation.

All work shall be proposed to be performed in accordance with State, Federal and local County laws and codes.

2. QUOTATION SUBMITTAL

The quotation should be submitted in written form to Casitas Municipal Water District, 1055 North Ventura Avenue, Oak View, California 93022, Attention: Neil Cole. Quotations will be accepted until **March 3, 2015, by 4:00 p.m.** Pacific Standard Time. No quotations will be accepted after that time and date. The firm shall submit one copy of the quotation. The quotation may be faxed to 805 649-4485 or emailed to ncole@casitaswater.com.

3. BACKGROUND

Casitas Municipal Water District operates and maintains the Rincon Pump Plant. The Rincon Pump Plant consists of 4 pump and motor units, with one 600 horsepower unit having a VFD. The motor for the VFD unit needs to be replaced.

4. PROJECT AND SCOPE

The goal of the project is to provide and deliver one 600 horsepower medium voltage motor to the Rincon Pump Plant. Installation of the motor is not part of this Request for Quotation.

The attached motor specification provides details on the motor requirements.

5. CONTRACT DOCUMENTS

The contract documents shall consist of the (1) Provider's Quotation, (2) Casitas' Request for Quotation, (3) Agreement of changes to the Request for Quotation and Purchase Order issued by Casitas.

6. SPECIAL CONDITIONS

(a) Project Location and Access. The motor shall be delivered to the Rincon Pump Plant at 1890 Casitas Vista Road, Ventura, California.

(b) Provider Requirements. The selected provider will provide all labor, materials, equipment, mobilization, testing, analysis, administration, design and other work necessary to provide and deliver the motor. The selected provider will be responsible for the tasks of acquiring and scheduling all materials, labor and equipment, and for all other efforts required to complete the project.

7. QUOTATION CONTENT

It is the intent of this Request for Quotation to seek only those quotations that will directly address the particular project of Casitas Municipal Water District. The Providers submitting quotations need not provide any general information about the firm, but only that particular information that specifically addresses the needs of this project. The scope provided by the quotation should address not only the details in the Request for Quotation, but should also address those issues and relative points that may not have been described in the Request For Quotation, which the provider believes to be pertinent to this particular project specified. The quotation should contain the following elements:

(a) Experience. The quotation content should begin with the experience of the motor manufacturer.

(b) Work Plan and Time Frame. The quotation should include a delivery time frame for the motor.

(c) Lump Sum Fee. The quotation shall include the lump sum fee to provide and deliver the motor.

(d) Conflicts. The firm shall identify any conflicts which they believe could affect the project work and the ability to complete on schedule.

8. SELECTION

The selection of the provider to complete the work will be based upon the following criteria:

(a) Qualifications and experience of the motor manufacturer.

(b) The warranty provided.

(c) The quality of the motor and how closely the motor meets the requirements of Casitas as stated in the attached motor specifications.

- (d) The efficiency of the motor and the noise level of the motor.
- (e) The proposed time and schedule required to construct and deliver the motor.

Casitas reserves the right to reject any and all quotations that are considered unacceptable by Casitas or to waive any minor irregularities if so deemed by Casitas for any reason. If Casitas is unable to enter into agreement with the selected provider for any reason, it reserves the right to award the contract to the next most qualified provider who submitted a quotation. The same selection process would be used to select the alternate provider. Casitas reserves the right to retain all quotations for a period of forty-five (45) days and to reject any and all quotations for any reason at the sole discretion of Casitas, with or without cause.

10. **CONTRACT**

It is expected that the selected provider will enter into a Purchase Order agreement with Casitas to provide the tanks.

11. **CASITAS CONTACT**

Neil Cole
Principal Civil Engineer
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MOTOR SPECIFICATIONS FOR RINCON PUMP PLANT UNIT #1

1. Inverter Duty rated
2. AC current
3. 3 phase
4. 60 cycle
5. 2300 volts
6. Qty 1
7. Hp 600
8. RPM 1800
9. Type WP11
10. NEMA MG1, 31 Vertical, solid shaft, High Thrust
11. 1.15 S.F.
12. Class F insulation
13. 2 cycle impregnation VPI
14. 3300ft ALT
15. 50 degrees C ambient temperature rise, class B rise
16. Premium efficiency
17. 20,000 lbs. Down thrust (bearing # for existing GE motor is 7230B-5GS)
18. 10:1 speed range
19. Class F rise @ service factor/ class B temperature rise @ 1.0 S.F. measured by resistance method
20. Load inertia (lb-ft²) : NEMA
21. 2 cold starts/ 1 hot
22. Insulated upper bearing
23. Shaft grounding ring
24. 120v space heaters
25. Special balance
26. RTD-100 Ohm, 3ld tcr .00385 platinum, manufacture to include recommended settings for RTD relay for warning and fault settings in °C, (TEC System s.r.i. NT538 protection relay for RTD's on AB Power Flex 7000A MV air-cooled Drive.
27. Tapped ¾" NPT in oil reservoirs for thermowells (upper & lower) Ashcroft Control Inst. T420T05030 XBX range 20/90°C
28. Motor shall mount to existing Johnston vertical Turbine pump 14CC-11"- 13". (base measurement 30 5/8" OD existing GE frame #L5011VP30) without modification.
29. Shaft measurements – shaft dia. 2.625 in, key .625in. X 4.850in.