

# City of Hollywood, Florida

2600 HOLLYWOOD BLVD. • P.O. Box 229045 • ZIP 33022-9045

DATE: April 16, 2015

RE: BLANKET ORDER # B002480

PRODUCT/SERVICE: Maintenance & Repair of Wells, High Service Pumps & Motors

Condo Electric Motor Repair V# 6260 Attn: Mohamed Hallaj 3615 E. 10 Ct. Hialeah, Florida 33013 Telephone Contact: 305-691-5400 Fax: 305-691-6564 Email: mohcondo@bellsouth.net

Dear Vendor:

This is to inform you that the City of Hollywood, Florida is entering into a Blanket Order with your Company based on one of the following:

	FORMAL BID #	
	INFORMAL BID #	DATED:
	RENEWAL OF FORMAL BID #	DATED:
	EXTENSION OF FORMAL BID/RFP#	DATED:
	WRITTEN QUOTATION #	DATED:
	VERBAL QUOTATION PER	DATED:
	STATE OF FLORIDA CONTRACT #	DATED:
	BROWARD COUNTY BID #	
$\boxtimes$	OTHER: Piggyback of Sunrise Bid # 12(27)12-13-12-19-H	

The term of this order is 5/1/2015 through 4/30/2016.

The estimated dollar value is **\$145,000.00**.

The obligations of the City of Hollywood under this order are subject to the availability of funds lawfully appropriated for its purpose by the City Commission and are subject to the terms and conditions contained on the Purchase Order form.

The City of Hollywood Departments will issue hard copy orders against this Blanket Order as your authorization to deliver. All invoices must reference each unique document number.

If you have any questions, please contact Joel Wasserman at (954) 921-3223

c: Public Utilities Water Treatment Plant Underground Utilities Finance



Procurement Services Division 2600 Hollywood Blvd. • Room 303 • P. O. Box 229045 • Hollywood, Florida 33022-9045 Phone (954)921-3299 • Fax (954)921-3086

March 13, 2015

Condo Electric Motor Repair Attn: Mohamed Hallaj 3615 E. 10 Ct. Hialeah, Florida 33013

Dear Vendor:

Our Agreement for Maintenance and Repair of Wells, High Service Pumps and Motors based upon Sunrise Bid#12(27 12-13-12-19-H, Blanket Purchase Order B002480, expires April 30, 2015.

The City of Hollywood would like to renew the agreement for a one (1) year renewal period under the terms and conditions utilizing Blanket Purchase Order B002480 (copy attached).

Please advise your interest in renewing this Agreement by marking the appropriate response, signing, and returning this correspondence.

If you are unable to renew this agreement, please explain reason(s) in a separate letter.

Thanks for your help with this matter and as always, please call me at 954-921-3223 if you have questions.

A response as soon as possible would be appreciated.

Sincerely,

Joel Wasserman, Director Procurement Services Division

JW/dm

l agree:

I disagree:

Date

Name: & signature)

"An Equal Opportunity and Service Provider Agency"



## PROCUREMENT SERVICES DIVISION

DATE:	March 13, 2015 FILE	E: PR-15-101
то:	Steve Joseph, Director, Public Utilities	
FROM:	Joel Wasserman, Director, Procurement Services	
	Blanket Contract Renewal for the Maintenance & Repair of Wells, Pumps & Motors -B002480-Condo Electric Motor Repair.	High Service

## **ISSUE:**

The current period of the above contract expires April 30, 2015. The contract is renewable for a one (1) year period if it is determined to be in the City's best interest and the vendor agrees to the renewal in writing.

#### **EXPLANATION:**

Notification of Intent to Renew must be mailed to the vendor thirty (30) calendar days in advance of the contract expiration date. Accordingly, it is requested that you give this matter your immediate attention thereby providing a timely reply to preclude contract expiration.

If you do not want to renew this contract, please explain the reason(s) in a separate memo. Also note that this contract will expire on the date mentioned above and if a new contract is to be established, you must submit bid specifications.

## **RECOMMENDATION:**

Please reply as soon as possible by returning this memo appropriately filled out, signed and dated along with the attached Contract Renewal Evaluation Form.

Date: 324

To: Joel Wasserman, Procurement Services

The Director of Public Utilities recommends the following:

	RENEW the contract under the same terms and conditions. The Budget According Number to be charged is WTP. 42.4011.00762.536.03117 - \$50,00 WWTP (PLANT) 42.4041.00782.536.005224 - \$40,000 WWTP CHAS 4041.00782.536.005224 - \$40,000 WWTP CHAS 4041.000782.536.005224 - \$40,000 WWTP CHAS 4041.000782.536.000 WWTP CHAS 4000 WWTP CHAS 40000 WWTP CHAS 4000 WWTP CHAS 4000 WWTP CHAS 4000 WWTP CHAS 4	00
	_ DO NOT renew this contract. See attached memo explaining the reason(s).	
	DO NOT renew this contract. DO NOT prepare a replacement bid (items/services	s <del>¶10</del> ⊇⊇
**********	longer needed).	HAR
By: Title		OF HOLLYWOOD EMENT SERVICES
Page 1 and 1		



## PROCUREMENT SERVICES DIVISION

Department/Office Contract Renewal Evaluation

Date: 32415					
Department/Office: +0	Division/Area: VOWCP				
Contact Person: HUBERT	BARNES	Title: WWCP			
	997	Contact Email	H BARNESE!	Hanywoodauka	
Purchase Order/Blanket Purch		002480			
Contract Expiration Date:	430/15		4	1	
Vendor: Condo ELEC	TRIC MOTORS		MOLTAMED	HAURS	
Contact phone number:		Contact Email:			
Good/Service:		Solicitation #:			
1. How would you rate the qualit	y of goods/services	?			
Excellent Goo	d 🗌	Satisfactory	Poc	pr	
2. How would you rate the court	teousness vendor's	personnel?			
Excellent Goo	d 🗌	Satisfactory	Poc	pr	
3. With regards to the goods or services provided, how satisfied are you with the following items? (Please check one per category)					
	Excellent	Good	Satisfactory	Poor	
Overall Quality					
Value					
Frequency of Contact	M				
Responsiveness to request					
4. Are all goods/services on the contract being performed at the agreed upon time and manner?					

Yes No

If no, please explain?

5. If you contacted the vendor, were all your questions or any issues resolved to your complete satisfaction?

Yes No Did not need to contact

If no, please explain?



## PROCUREMENT SERVICES DIVISION

Department/Office Contract Renewal Evaluation

6. Has the invoicing been timely, accurate and in accordance with the contract?

Yes 🗌 No

If no, please explain?

7. Does the Department/Office recommend renewing a contract based upon the available renewal options when the current agreement expires?

Yes 🗌 No

If no, please explain?

8. Please state any additional comments about your experience with this vendor and the goods/services provided:

JOSEPH TEVE Department/Office Director's Name: 3/24/15 Department/Office Director's Signature:



# City of Hollywood, Florida

2600 HOLLYWOOD BLVD. • P.O. Box 229045 • ZIP 33022-9045

## DATE: August 8, 2013

## RE: BLANKET ORDER # B002480

PRODUCT/SERVICE: Maintenance & Repair of Wells, High Service Pumps & Motors-Revised

Condo Electric Motor Repair Attn: Mohamed Hallaj 3615 E. 10 Ct. Hialeah, Florida 33013 Telephone Contact: 305-691-5400 Fax: 305-691-6564

Dear Vendor:

This is to inform you that the City of Hollywood, Florida is entering into a Blanket Order with your Company based on one of the following:

	Formal Bid #	
	INFORMAL BID #	DATED:
	RENEWAL OF FORMAL BID #	DATED:
	EXTENSION OF FORMAL BID/RFP#	DATED:
	WRITTEN QUOTATION #	DATED:
	VERBAL QUOTATION PER	DATED:
	STATE OF FLORIDA CONTRACT #	DATED:
	BROWARD COUNTY BID #	
$\boxtimes$	OTHER: Piggyback of Sunrise Bid # 12(27)12-13-12-19-H	

The term of this order is 5/1/2013 through 4/30/2015.

The estimated dollar value is **\$145,000.00**.

The obligations of the City of Hollywood under this order are subject to the availability of funds lawfully appropriated for its purpose by the City Commission and are subject to the terms and conditions contained on the Purchase Order form.

The City of Hollywood Departments will issue hard copy orders against this Blanket Order as your authorization to deliver. All invoices must reference each unique document number.

If you have any questions, please contact Janice English at (954) 921-3345

c: Public Utilities Water Treatment Plant Underground Utilities Finance

#### CONTRACT NO. (13)C-09-H BETWEEN THE CITY OF SUNRISE, FLORIDA AND CONDO ELECTRIC MOTOR REPAIR, CORP. FOR ELECTRIC MOTOR & PUMP REPAIR & REPLACEMENT

THIS CONTRACT between the City of Sunrise, a municipal corporation of the State of Florida whose address is 10770 West Oakland Park Boulevard, Sunrise, Florida, 33351 (hereinafter referred to as "the City" or "the Owner") and Condo Electric Motor Repair, Corp. a Corporationauthorized to do business in the State of Florida, (hereinafter referred to as the "Contractor or Vendor"), whose address is 3615 East 10th Court, Hialeah, Florida 33013 and whose Federal Identification Number is 59-2500665, incorporates all Terms and Conditions and requirements of Bid or RFP number 12(27)12-13-12-19-H and Vendor' response by reference.

In consideration of the mutual terms and promises set forth below, the City and the Contractor agree as follows:

#### 1. Services

The Contractor's responsibility under this contract is for Electric Motor & Pump Repair and as further stated as attached hereto in Exhibit "A", which is attached and made a part of this contract.

The City's representative/liaison during the performance of this contract shall be Rick Smith, telephone number (954)888-6043 or designee.

The Contractor's representative/liaison during the performance of this Contract shall be <u>Mohamed</u> Hallaj, telephone number <u>305-691-5400</u>. The Contractor's 24 hour response line shall be 786-229-9869 Mohamed Hallaj, or 786-586-6153 Hector Gomez Sr., or Gary Kowalawski 786-586-1725, or Jose Spinolda 786-586-6165 for work required after hours, weekends and holidays.

#### 2. Payments

The Contractor will bill the City at the completion of each job for services rendered toward the completion of the work defined herein at the rates listed in Exhibit "B". Submit invoices to:

City of Sunrise Attn: Accounts Payable Dept. 10770 W. Oakland Park Blvd. Sunrise, FL 33351

Invoices received from the Contractor pursuant to this contract will be reviewed and approved by the City's representative, indicating that services have been rendered in conformity with the contract and then will be sent to the Finance Department for payment. Invoices will generally be paid within thirty (30) days following the City representative's approval.

<u>Final Invoice</u>: In order for both parties herein to close their books and records, the Contractor will clearly state "<u>final invoice</u>" on the Contractor's final/last billing to the City. This certifies that all services have been properly performed and all charges and costs have been invoiced to the City. Since this account will thereupon be closed, any and other further charges, if not properly included on this final invoice, or which are in excess of the not to exceed amount, are waived by the Contractor.

City Initials

Vendor Initials

#### 3. Initial Contract Period and Contract Renewal

The initial Contract period shall be for two (2) years, commencing on February 1, 2013. In addition, contingent upon Budget approval, the City reserves the right to unilaterally renew the contract for two (2) additional one (1) year periods, under the same terms, conditions and specifications, by written notification to the vendor by the Purchasing Director.

In the event the services are scheduled to end either by contract expiration or by termination by the City of Sunrise (at the City's discretion), the Contractor shall continue the services, if requested by the City, until new services can be completely operational. At no time shall this transitional period extend more than one hundred eighty (180) days beyond the expiration date of the existing contract. The Contractor will be reimbursed for this service at the rate in effect when this transitional period clause is invoked by the City.

#### 4. Access and Audits

The Contractor shall maintain adequate records related to all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion of this contract. The City shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit during normal business hours, at the Contractor's place of business.

#### 5. <u>Truth-In-Negotiation Certificate</u>

Signature of this contract by the Contractor shall also act as the execution of a truth-in-negotiation certificate certifying that the wage rates, over-head charges, and other costs used to determine the compensation provided for in this contract are accurate, complete and current as of the date of the contract and no higher than those charged the Contractor's most favored customer for the same or substantially similar service. The said rates and costs shall be adjusted to exclude any significant sums should the City determine that the rates and costs were increased due to inaccurate, incomplete or noncurrent wage rates or due to inaccurate presentation of fees paid to outside Contractors. The City shall exercise its rights under this clause within three (3) years following final payment.

#### 6. Insurance Requirements

Contractor agrees to maintain, on a primary basis and at its sole expense, at all times during the life of this contract the following insurance coverage, limits, including endorsements described herein. The requirements contained herein, as well as City's review or acceptance of insurance maintained by Contractor is not intended to and shall not in any manner limit or qualify the liabilities or obligations assumed by Contractor under this Contract.

<u>Commercial General Liability:</u> Contractor agrees to maintain Commercial General Liability at a limit of liability not less than \$500,000 Each Occurrence, and \$1,000,000 Annual Aggregate. Coverage shall not contain any endorsement(s) excluding nor limiting Product/Completed Operations, Contractual Liability or Cross Liability.

<u>Business Automobile Liability:</u> Contractor agrees to maintain Business Automobile Liability at a limit of liability not less than \$500,000 Each Occurrence. Coverage shall include liability for Owned, Non-Owned & Hired automobiles. In the event Contractor does not own automobiles, Contractor agrees to maintain coverage for Hired & Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

City Initials

Vendor Initials \_ HS

Worker's Compensation Insurance & Employers Liability: Contractor agrees to maintain Worker's Compensation Insurance & Employers Liability insurance.

Additional Insured: Contractor agrees to endorse the City as an Additional Insured on the Commercial General Liability with the following, or similar endorsement providing equal or broader Additional Insured coverage, the CG 2026 07 04 Additional Insured – Designated Person or Organization endorsement or the CG2010 07 04 Additional Insured – Owners, Lessees, or Contractors – Scheduled Person or Organization endorsement, including the additional endorsement of GC2037 10 01 Additional Insured – Owners, Lessees, or Contractors shall be required to provide back coverage for the contractor's "your work" as defined in the policy and liability arising out of the products-completed operations hazard. The Additional Insured shall read "City of Sunrise."

<u>Waiver of Subrogation:</u> Contractor agrees by entering into this contract to a Waiver of Subrogation for each required policy herein. When required by the insurer, or should a policy condition not permit Contractor to enter into a pre-loss agreement to waive subrogation without an endorsement, then Contractor agrees to notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy, which includes a condition specifically prohibiting such an endorsement, or voids coverage should Contractor enter into such an agreement on a pre-loss basis.

<u>Certificate(s) of Insurance</u>: Contractor agrees to provide City a Certificate(s) of Insurance evidencing that all coverage, limits and endorsements required herein are maintained and in full force and effect. Said Certificate(s) of Insurance shall include a minimum thirty (30) day endeavor to notify due to cancellation or non-renewal of coverage.

The Certificate Holder address shall read:

City of Sunrise Attn: Purchasing Director Purchasing Division 1601 NW 136 Ave, Bldg A, Suite 101 Sunrise, FL 33323

<u>Umbrella or Excess Liability:</u> Contractor may satisfy the minimum liability limits required above for Commercial General Liability or Business Auto Liability under an Umbrella or Excess Liability policy. There is no minimum Per Occurrence limit of liability under the Umbrella or Excess Liability; however, the Annual Aggregate limit shall not be less than the highest "Each Occurrence" limit for either Commercial General Liability or Business Auto Liability. Contractor agrees to endorse City as an <u>"Additional Insured"</u> on the Umbrella or Excess Liability, unless the Certificate of Insurance states the Umbrella or Excess Liability provides coverage on a "Follow-Form" basis.

<u>Right to Revise or Reject</u>: City reserves the right, but not the obligation, to revise any insurance requirement, not limited to limits, coverages and endorsements based on insurance market conditions affecting the availability or affordability of coverage; or changes in the scope of work / specifications affecting the applicability of coverage. Additionally, the City reserves the right, but not the obligation, to review and reject any insurance policies failing to meet the criteria stated herein or any insurer providing coverage due to its poor financial condition or failure to operate legally.

7.	Performance & Payment Bonds	🗵 Not Applicable	
City I	initials at	Vendor Initia	ls_}

#### 8. Termination For Governmental Non-Appropriations

The City is a bona fide governmental entity of the State of Florida with a fiscal year ending on September 30 of each calendar year. If the City does not appropriate sufficient funds to purchase the quantities required under this contract for any of the City's fiscal years subsequent to the one in which the contract is executed and entered into, then this contract shall be terminated effective upon expiration of the fiscal year in which sufficient funds to continue satisfaction of the City's obligation under this contract were last appropriated by the City and the City shall not, in this sole event be obligated to make any further purchases beyond said fiscal year.

#### 9. Termination For Cause

This Agreement may be terminated by either party upon three (3) calendar days written notice to the other party, should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination. In the event the Contractor abandons this Agreement or causes it to be terminated by the CITY, the Contractor shall indemnify the CITY against any loss pertaining to this termination. In the event that the Contractor is terminated by the CITY for cause and it is subsequently determined by a court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Section 10, and the provisions of Section 10, shall govern.

#### 10. Termination For Convenience

This contract may be terminated by the City without cause upon thirty (30) days written notice to the Contractor. In the event of such a termination without cause, the Contractor shall be compensated for all work completed and accepted by the City's Representative as authorized herein, together with reimbursable expenses incurred. In such event, the Contractor shall promptly submit to the City its invoice for final payment and reimbursement under the terms of this contract.

#### 11. Indemnification

CONTRACTOR shall indemnify and hold harmless CITY, its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of CONTRACTOR and persons employed or utilized by CONTRACTOR in the performance of this Contract. This indemnification shall survive the term of this Contract.

Contractor agrees that any work prepared for City which is eligible for copyright protection in the United States or elsewhere shall be made for hire as a commissioned work. If any such work is deemed for any reason not to be work made for hire, Contractor assigns all right, title and interest in the copyright win such work, included but not limited to, copyrights in text, two-dimensional and three dimensional representations or animations, and all extensions and renewals thereof, to City, and agrees to provide all assistance reasonably requested by City in the establishment, preservation and enforcement of its copyright in such work, such assistance to be provided at City's expense but without additional compensation to Contractor. Contractor agrees to waive all artist's rights and moral rights under Federal, State or international law, relating to the work developed or produced, including without limitation and any and all rights of identification of authorship and any and all rights of approval, restriction or limitation on use of subsequent modification.

12. Independent Contractor

The Contractor is an independent Contractor under this contract. Personal services provided by the Contractor shall be by employees of the Contractor and subject to supervision by the Contractor, and are not officers, employees, or agents of the City. Personnel policies, tax City Initials \_\_\_\_\_\_ Vendor Initials \_\_\_\_\_\_

responsibilities, purchasing policies and other similar administrative procedures applicable to services rendered under this contract shall be those of the Contractor.

#### 13. <u>Authority to Practice</u>

The Contractor hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the City's representative upon request.

#### 14. Severability

If any term or provision of this contract or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this contract, or the application of such terms or provision to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this contract shall be deemed valid and enforceable to the extent permitted by law.

## 15. <u>Governing Law/Jurisdiction/Venue</u>

This Contact shall be construed in accordance with and governed by the law of the State of Florida. Venue for any action arising out of or relating to this Contract shall lie in Broward County, Florida. Both parties hereby agree to waive a jury trial and will proceed to a trial by judge, if necessary. Except as set forth in paragraph 11, each party will be responsible for their own attorney's fees and costs.

#### 16. Successors and Assigns

The City and Contractor bind themselves, their successors, assigns and legal representatives to the other party hereto and to successors, assigns and legal representatives of such other party in respect to covenants, agreements and obligations contained in this contract. The Contractor shall not assign this contract without written consent of the City.

#### 17. <u>Subcontracting</u>

The City reserves the right to accept the use of a subcontractor, or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this contract. If a subcontractor fails to perform or make progress, as required by this contract, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the Contractor shall promptly do so, subject to acceptance of the new subcontractor by the City.

#### 18. <u>Conflict of Interest</u>

The Contractor represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required hereunder, as provided for in Section 112.311, Florida Statutes. The Contractor further represents that no person having any interest shall be employed for said performance.

#### 19. Contingent Fees

The Contractor warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Contractor to solicit or secure this contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Contractor, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this contract.

City Initials \

Vendor Initials

#### 20. Nondiscrimination

The Contractor warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, or sexual orientation.

#### 21. <u>Public Entity Crimes</u>

As provided in Sections 287.132 and 287.133, Florida Statutes, by entering into this contract or performing any work in furtherance hereof, the Contractor certifies that it, its affiliates, suppliers, subcontractors and Contractors who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by Section 287.133(3)(a), Florida Statutes.

#### 22. Modifications of Work

If the City requires miscellaneous additional work or materials not delineated in the Bid but within the general Scope of Work, the Contractor shall submit a detailed written proposal to the authorized City representative. If the proposal is approved, the Contractor shall receive authorization to proceed by receipt of a purchase order incorporating the Contractor's proposal.

The City reserves the right to make changes in Scope of Services, including alterations, reductions therein or additions thereto. Upon receipt by the Contractor of the City's notification of a contemplated change, the Contractor shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the City of any estimated change in the completion date, and (3) advise the City if the contemplated change shall affect the Contractor's ability to meet the completion dates or schedules of this contract. The parties agree to negotiate in good faith changes in the Scope of Services that may occur.

If the City so instructs in writing, the Contractor shall suspend work on that portion of the Scope of Services affected by a contemplated change, pending the City's decision to proceed with the change.

If the City elects to make the change, the City shall initiate a Contract Amendment and the Contractor shall not commence work on any such change until such written amendment is signed by the Contractor and approved and executed by the City's representative and Purchasing Director.

#### 23. Notice

All written notices required in this contract shall be sent by certified mail, return receipt requested, and if sent to the City, shall be mailed to:

Purchasing Director City of Sunrise 10770 W. Oakland Park Blvd. Sunrise, FL 33351

cc: City Attorney City of Sunrise 10770 W. Oakland Park Blvd. Sunrise, FL 33351

If sent to the Contractor, shall be mailed to: City Initials

Vendor Initials

Condo Electric Motor Repair, Corp. Attn: President 3615 East 10th Court, Hialeah, Florida 33013

#### 24. No Damages for Delay

The CONTRACTOR shall not be entitled to any claim for damages including, but not limited to,loss of profits, loss of use, home office overhead expenses, equipment rental and similar costs, on account of delays in the progress of the Project from any cause whatsoever including an act or neglect of the CITY, adverse weather conditions, and act of God, strike, war or national disaster or emergency, unusual delay in deliveries, unusual delay in procuring permits, differing site conditions, unavoidable casualties or other causes beyond the CONTRACTOR'S control, or by delay authorized by the CITY, or by other causes which the CONTRACTOR determines may justify delay. The CONTRACTOR'S sole recovery and sole remedy for any such delay shall be a reasonable extension of time and a revision to the Project Schedule as determined by the CITY. However, additional costs to the CONTRACTOR or delays in the CONTRACTOR'S performance caused by improperly timed activities shall not be the basis for granting a time extension. If the CONTRACTOR wishes to make a claim for an increase in time of performance, written notice of such claim shall be made to the CITY within ten (10) working days after the occurrence of the event, or the first appearance of the condition giving rise to such claim. The CITY'S representative shall determine whether or not the CONTRACTOR is entitled to a time extension for the delay. The failure of the CONTRACTOR to give such notice shall constitute a waiver of any claim under this section.

#### 25. Entirety of Contract

The City and the Contractor agree that this contract sets forth the entire contract between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto with the same formality as this contract. Any alteration of the Terms & Conditions of this contract must be contained in the Deviation Page after approval by the City Attorney and Vendor to be binding.

# [REMAINDER OF PAGE INTENTIONALLY LEFT BLANK AND SIGNATURES FOLLOW ON ATTACHED PAGE]

	NO.
Vendor Initials	JIS_
vonuor mutuus	7

IN WITNESS WHEREOF, the Purchasing Director, authorized to execute same by City Commission, has made and executed this contract on behalf of the City the day and year below written and Contractor has hereunto set its hand the day and year below written.

**CITY OF SUNRISE** 

By:

Print: Ann Potter Acting Purchasing Director Title: 25 3 Date:

itness phalfar

CONDO ELECTRIC MOTOR REPAIR, CORP.

By:

Print: Hector Gomez

Title: President

Date: 1-21-13

City Initials

Vendor Initials

## **CONTRACT DEVIATION PAGE**

The following paragraphs are to replace the existing paragraphs in the contract or if indicated, are an addition or deletion to the contract.

\_\_\_\_\_

## 36. Terms Relating To Price

Unless otherwise noted by the City, all prices shall be firm through the period of the Contract or purchase order and shall not be subject to increase. In the event of a manufacturer's or Vendor's price decrease during the Contract period, the City shall receive the full benefit of such price reduction on any undelivered goods or services on an existing purchase order and on any subsequent order placed during the Contract period. The Director of Purchasing must be notified in writing of any price reduction within five (5) days of the effective date. Failure to report price reductions may result in cancellation of Contract for cause, pursuant to these Terms and Conditions.

In the event of a manufacturer's price increase during the Contract period, the Vendor shall submit proof from the manufacturer of said increase, and the City may accept the price increase at the time of Contract renewal, or terminate or re-bid the Contract, in whole, or in part, whichever is in the best interest of the City.

The cost of all services as bid herein shall remain firm for the first year of the Contract. Costs for subsequent years and any extension term years shall be subject to an adjustment only if increases occur in the industry. However, unless very unusual and significant changes have occurred in the industry, such increases shall not exceed 5% per year or, the latest yearly percentage increase in the All Urban Consumers Price Index (CPI-U) (National) as published by the Bureau of Labor Statistics, U.S. Dept of Labor whichever is less. The yearly increase, or decrease in the CPI shall be that latest index published and available ninety (90) days prior to the end of the Contract year then in effect compared to the index for the same month one year prior. Any requested cost increase shall be fully documented and submitted to the City at least sixty (60) days prior to the anniversary date of the Contract. In the event the CPI or industry costs decline, the City shall have the right to receive, from the Vendor, a reasonable reduction in costs that reflect such cost changes in the industry.

The City may, after examination, refuse to accept the adjusted costs if they are not properly documented, increases are considered to be excessive, or decreases are considered to be insufficient. In the event the City does not wish to accept the adjusted costs and the matter cannot be resolved to the satisfaction of the City, the Contract may be cancelled by the City upon giving thirty (30) days written notice to the Vendor.

37. Security

All personnel shall report to the Security Guard or Operator on duty at any each site for check-in upon arrival at any Utility location. Photo identification of person, their purpose of visit and contact person at Utilities who will accompany while on City property shall be required for entry. Upon leaving the premises, all personnel shall be required to check out with the Security Guard or Operator on duty. Contractor shall be responsible for complying with these procedures. The Contractor shall be required to complete and return the attached SECURITY PROCEDURE FORM, Exhibit "C".

City Initials

Vendor Initials

## CITY OF SUNRISE

By:

Print: Ann Potter

Title: Acting Purchasing Director Date: 1/25/13

# Witness Holly Lapho Con Witness

CONDO ELECTRIC MOTOR REPAIR, CORP.

By:

Print: Hector Gomez

Title: President

Date: 1-21-13

City Initials\_

Vendor Initials

#### EXHIBIT A – SPECIFICATIONS

#### 1. <u>SCOPE</u>

The qualified Contractor shall provide services for the installation, repair, modification and replacement of various types of electric motors and pumps. These services shall include, but are not limited to, all appurtenances and ancillary equipment directly associated with the installation, repair, modification and replacement of a motor or pump such as valves, mixers, piping, gear boxes, gauges, and belts. Pumps are used to pump substances such as water, sewage, air, sludge or chemicals.

An example of services to be provided are the rewinding of stators and motors, replacement of bearings and seals, complete motor repair, rewinding of transformers, machining, repair of pumps, repair of gear boxes, repair of valves, repair of air compressors, repair of blowers, repair of mixers, piping, to provide crane service when required.

When necessary, the Contractor shall obtain all necessary permits from Federal, State and local agencies and licenses necessary to complete the work. The Contractor shall produce engineering drawings.

The Contractor shall provide other services as required including, but not limited to the following; special foundations, welding, crane service, machining, construction, installation of replacement and/or owner furnished and/or new equipment, structural support, electrical panel controls, addition, replacement, repair, or modification of electrical equipment to make a complete operational unit.

#### 2. **DEFINITIONS**

The following terms used in the Contract Documents shall, unless the context indicates otherwise, have the meanings set forth below:

- 2.1 **Contractor** means the bidder who is awarded the contract.
- 2.2 EASA Standards means the Electrical Apparatus Service Association's Standards for electrical Apparatus Sales and Service industry.
- 2.3 Any emergency is a motor or pump rebuild that has been given priority and will be worked continuously so that it will be returned to City of Sunrise in the shortest possible time.
- 2.4 HP means horsepower.
- 2.5 HZ means hertz.
- 2.6 **IPS** inch per second.
- 2.7 MILS one thousandth of an inch.
- 2.8 MS Micro seconds.

2.9 N.E.M.A. - National Electrical Manufacturing Association.

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- 2.10 Qualified Service Person means the person performing any inspection or repair must have skill, training and technical expertise related to the construction and operation of the electrical equipment such as VFDs, speed controls, Flomatcher, soft starts, and auto transformer starts. Qualified service person must be able to troubleshoot equipment failures and have certification of technical training for such equipment.
- 2.11 The rebuild of a motor shall consist of rewinding of the stator, replacement of bearings, seals and any machine work required to ensure proper bearing fit, balancing and testing the rotor, painting and testing.
- 2.12 The reconditioning/refurbishing of a motor shall consist of cleaning, dipping and baking of the stator, replacement of bearings, any machine work required to ensure proper bearing fit, balancing and testing the rotor, painting and testing.
- 2.13(a) Re-build of a pump shall consist of new pump impeller, bearings, seals, gaskets, shaft sleeve, wear rings, pump shaft (if necessary), mechanical seal or packing gland and any machine work required to ensure proper fit, balancing, vibration testing in accordance with the manufacturer's instructions.
- 2.13(b) **Re-conditioning/refurbishing** of a pump shall consist of new pump impeller (if necessary), bearings, seals, gaskets, wear rings(if necessary), mechanical seal or packing gland and any machine work required to ensure proper fit, balancing, vibration testing in accordance with the manufacturer's instructions.
- 2.14 RMS Recon Figurable Machining System.
- 2.15 **RPM** means revolutions per minute.
- 2.16 **Specifications** means the Specification for Electric Motor Reconditioning and Rewind, which is included in the Invitation For Bid.
- 2.17 TEFC means totally enclosed fan cooled.
- 2.18 **TIR -** Total Indicator Reading.
- 2.19 UL means Underwriters Laboratory.
- 2.20 UL Listed means electric motors listed by UL and requiring UL certification.
- 2.21 Utilities Facility Site: shall mean Sawgrass Utility Complex, Springtree Utility Complex, Southwest Treatment Facilities, pump station and lift station sites, and any other location, as required.
- 2.22 Vaughen's Pricing Guide means the latest edition of Vaughen's Electric Motor Price Guide and any supplements thereto. Vaughen's Price Publishing Co., Inc., 9400 Mc Knight Road, Suite 203, Pittsburgh, PA 15237, phone: 800-828-4436, fax:412-367-4884; e-mail sales @ vaughens.com.

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- 2.23 VPI Process means vacuum pressure impregnating process utilized in the sealing of electric motors.
- 2.24 Stator Rewinds include: Dismantle, test strip, clean; make and Insert Insulation coils; connect, dip and bake, assemble, test and paint, one (1) year warranty (per Vaughens). Prices include all labor, material, overhead, and profit. Extras are calculated at the same percent of Vaughens. "Extra Priced by Frame Time.

#### 3. **QUALIFICATIONS:**

Contractor shall have a minimum of eight (8) qualified employees on their overhaul crew,

Contractor shall have a minimum shop area of 10,000 square feet with two shifts. If there is an emergency, Contractor must have employees to work continuously until the job is complete. Contractor's facility shall be sufficient size to store all motors and pumps requiring work under roofed structures. Under no circumstances shall motors be stored in the open without protective covers.

Contractor must provide Underwriter's Laboratory Certification for all rebuilt Class One and Two explosion-proof motors for hazardous locations. The certification must be provided when repaired motor is returned to the Contract Administrator. If the UL certification is subcontracted, the company doing the certification must be approved by the Contract Administrator prior to any repair work being performed.

Contractor must be able to perform vibration analysis and balancing at City of Sunrise's site or field locations.

Contractor must be fully equipped and capable of meeting all specifications and requirements of the bid. All subcontractors must be approved. Any changes of subcontractors must have prior approval by the Purchasing Division.

#### 4. <u>GENERAL REQUIREMENTS:</u>

- 4.1. The Contractor shall have the capability to respond to a minimum of three (3) sites at the same time. A minimum of two (2) full service technicians per service vehicle shall come prepared with the necessary tools, materials, parts, labor and equipment and parts needed to perform and complete all tasks. A technician fluent in English shall be present for any onsite work. The Contractor shall be EASA (Electrical Apparatus Society of America) registered. The contractor shall have a full service machine shop able to accommodate up to a 500 H.P. motor.
- 4.2 The Contractor shall have the capability, at a minimum, to repair/rebuild, refurbish and/or recondition the following:
- 4.2.1 Open Drip Proof, 110V/220V, 60Hz, single phase or 230/460V, 60Hz, 3 phase.
- 4.2.2 Totally enclosed fan cooled, 110V, 60Hz, 1 phase or 230/460V, 60Hz, 3 phase. Size for both A & B from fractional H.P. up to, and including 500 H.P.
- 4.2.3 Vertical hollow shaft well motors: Totally enclosed fan cooled (TEFC) and weatherproof drip proof (WPDP) in sizes 5 H.P. through 500 H.P.
- 4.2.4 Totally explosion proof motors, 1800 RPM, 230/460 Volt, 3 phase, 60Hz, for hazardous locations, Class I, Groups A, B, C, D and Class II, Groups E, F, G.
- 4.2.5 Wound rotor motor horizontal and vertical open, drip proof and totally enclosed 3 phase, 480 or 4160 volt, 60Hz, in sizes 75 H.P. through 500 H.P.

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- 4.2.6 Totally enclosed fan cooled, DC motors, wound stator and permanent magnet stators with wound rotors, speed from 0-1750 RPM on 0 to 90 Volts D.C.
- 4.2.7 Dry type transformers.
- 4.2.8 Magnetic drive and variable frequency drive (VFD) 0-500 H.P.
- 4.2.9 All types of motors and dry type transformers including but not limited to the following: Toshiba, Sterling, G.E., U.S., Lincoln, Westinghouse, Marathon, EM, Baldor, Century, I. T. E., FGM, Aurora and Peabody Barnes.
- 4.2.10 All types of submersible pumps and motors including, but not limited to the following: Pleuger, EMU, Flygt, Myers, Crane Deming, KSB, CLOW, PB/Barnes, and IDP
- 4.2.11 All types of self --priming pumps including, but not limited to the following: Gorman Rupp, Smith & Loveless, Crane Deming, Crown, and Fairbanks Morse.
- 4.2.12 All types non-submersible pumps including, but not limited to the following: Turbine/Centrifugal/Spilt-Case.
- 4.2.13 All types of valves sized from 6"-36" including, but not limited to the following: gate, plug, hydraulic, and globe.
- 4.2.14 All types of piping sized from 6"-36" including, but not limited to the following: Ductile Iron, Steel, Stainless Steel and High Density Poly Ethylene.
- 4.2.15 All types of air compressors and blowers including, but not limited to the following: Ingersoll Rand, Spencer, Hoffman and Lamson.
- 4.2.16 All types of gearbox and mixer drive units including, but not limited to the following: Jones and AT, Sumitomo, Westee, Sew-euro, Nord, Reliance, Morse, Wallace and Tierman, Delsoyd, Walker-Process, Flyte, Lightnin and Hypower.
- 4.2.17 All types of control panels.

#### 5. **QUALITY CONTROL CLAUSE**:

The Contractor shall establish a complete quality control program to assure the requirements of the Contract are provided as specified. The Contractor's basic quality control program should be provided to the City of Sunrise with the bid. The program should include, but not be limited to the following:

- 5.1 A method of identifying deficiencies in the quality of services performed <u>before</u> the level of performance is unacceptable.
- 5.2 Vendor Complaints made by users and processed through the Purchasing Division are to be corrected within fourteen (14) days of formal complaint. Written response to the Purchasing Division and the Using Division is required. Failure to properly resolve complaints within fourteen (14) calendar days may result in the cancellation of this contract.
- 5.3 An Evaluation Form (Exhibit "D") will be completed by the Contract Administrator three to six months prior to the expiration of the initial contract period and any renewal periods. The evaluation will be considered when making a recommendation to the Director of Purchasing to renew the contract. A score of 31 or less and/or an overall rating of poor or unsatisfactory may be cause not to renew your contract with the City of Sunrise and automatic suspension which will bar your firm from bidding on any City of Sunrise contracts for three months. A score of 22 or less may result in debarment which will result in your firm not being awarded any City of Sunrise contracts during the debarment period  $\int d$

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#### VENDOR RESPONSIBILITIES:

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- 6.1 Provide competent supervision.
- 6.2 Provide competent workers. Vendor agrees to utilize only experienced responsible people in the performance of work.

6.3 All contractor's personnel must wear uniforms with vendor's company name and wear photo ID's. Additional and unknown at this time, security procedures may be required including background and/or criminal investigations. Any additional security procedures required by the City of Sunrise City of Sunrise other than uniforms and ID badges may be the responsibility of the contractor.

- 6.4 Take precautions necessary to protect persons or property against injury or damage and be responsible for any such damage, or injury that occurs as a result of their fault or negligence.
- 6.5 Contractor must provide at their own expenses an interpreter with any employee who cannot speak English that is sent to a City of Sunrise site to do repairs.
- 6.6 The Vendor shall be responsible on a daily basis to maintain a clean work site, to remove debris, and to dispose of it properly at the vendor's expense. Vendor will be responsible for disposal of hazardous waste materials that may be a result of repair work performed, at vendor's expense. Whenever disposing of hazardous material, the Department of Natural Resource Protection shall be contacted by contractor for proper disposal instructions. This requirement shall be solely the Contractor's responsibility. Contractor shall keep the Contract Administrator informed.
- 6.7 The Contractor shall be responsible for all repairs, performance of all equipment parts, services offered in the bid. The Contractor is in no way relieved of the responsibility for the performance of all equipment/parts/repairs furnished, or of assuring the timely delivery of materials, parts, etc. even if it is not of their manufacture.
- 6.8 The Vendor shall be responsible for all necessary measurements and for the accurate fitting of all work. The Vendor shall be responsible for any damage to the facility or any equipment inside during this contract. Any such damage will be repaired by the Vendor at his/her expense and to the satisfaction of City of Sunrise.
- 6.9 The Contractor shall be responsible for notifying the Contract Administrator of any warranties or guarantees, and the terms contained therein covering replacement components.
- 6.10 Contractor shall be responsible for supervision of any sub-contractors.
- 7. <u>WARRANTY</u>: 7.1 All mate
  - 7.1 All materials, labor and workmanship and replacement parts and supplies shall be fully warranted and guaranteed to include a minimum of one (1) year warranty against defects in materials and workmanship for electric motor rewind work and a minimum of one hundred twenty (120) day warranty against defects in materials

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and workmanship for electric motor reconditioning work performed, from date of completion and acceptance. Any repairs made under warranty shall include any weekends and holiday rates, if repairs are required during that time.

7.2 The Contractor is required to expressly warrant that all replacement parts are new and free from defects, warranted for their merchantability and meet the performance specifications of the original equipment.

#### 8. WORKMANSHIP:

Where not more specifically described in any of the various sections of these specifications, workmanship shall conform to all of the methods and operations of best standards and accepted practices of the trade or trades involved, and shall include all items of fabrication, construction or installation regularly furnished or required for completion of the services. All work shall be executed by personnel skilled in their respective lines of work.

#### 9. <u>EMERGENCY SERVICE</u>:

Units delivered by City of Sunrise personnel should be given "priority" as emergency repairs. Due to the nature of services provided to the community and restrictions imposed on the City of Sunrise by State and Federal statutes and regulations, ordering departments may occasionally require emergency repairs. Around-the-clock, three shift repair work will be requested by the contract administrator during these situations. Emergency repairs must be in progress within two (2) hours after authorization.

#### 10. HOURS OF SERVICE:

Regular hours shall be from 8 AM to 5 PM, Monday through Friday. Work may continue past a normal eight (8) hour work shift, if needed. Overtime hours shall be from 5:01 PM to 7:59 A.M, Monday through Friday, and all hours Saturday and Sunday. Overtime hours must be approved by the requesting Division prior to repairs.

#### 11. TRANSPORTATION:

- 11.1 Contractor shall be responsible for pickup at City of Sunrise Facility and return delivery of equipment.
- 11.2 All transportation of equipment for work ordered under the agreement resulting from this bid shall be at the Contractor's expense and risk.
- 11.3 Equipment must be transported in the position of normal operation, whether vertically or horizontally.
- 11.4 All motors must be covered and protected against adverse weather conditions while in transit. Under no circumstances shall motors be stored in the open or without protective covers.

#### 12. COMPLETION TIME:

Pick up shall be made within one (1) working day after a request from the contract administrator for a written estimate. Repaired units, up to 250 HP should be returned within seven (7) working days after receipt of purchase order. Motors 251 HP and over, should be repaired and returned within twenty-one (21) working days, after receipt of purchase order. Any exceptions to delivery requirements must be noted on the written

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estimate. The time limits may be extended for good cause by written authorization of the contract administrator. Units delivered by City of Sunrise personnel, should be given "priority" as emergency repairs. Emergency repairs must be completed as if for the Contractor's most favored customer, including warranty on parts and repairs.

13. City of Sunrise reserves the right to question the number of shop or machine hours on any given estimate. City of Sunrise and vendor must agree to their mutual satisfaction the number of hours on the estimate. If a mutual agreement cannot be reached, the City of Sunrise reserves the right to competitively quote the repairs.

#### 14. <u>PROTECTIVE COATINGS</u>:

Bidders shall be aware of the highly corrosive effects of hydrogen sulfide that is present at some job sites. Contractor shall provide corrosion resistant protective coatings where needed on equipment as a part of any repairs.

#### 15. EQUIPMENT:

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Type and sizes of the equipment include the following:

- 15.1 Open Drip Proof, Frame type T or U, 1800 R.P.M., 110V/220V, 60 HZ, Single Phase or 230/460/416V, 3 Phase.
- 15.2 Totally enclosed fan cooled, Frame type T or U, 1800 RPM, 110/220V, 60 HZ, 1 Phase or 230/460V/4160V, 60 HZ, 3 Phase.
- 15.3 Vertical hollow shaft well motors: Totally enclosed Fan Cooled (T.E.F.C.) and weather proof drip proof (W.P.D.P.) in sizes 5 H.P. through 400 H.P.
- 15.4 Totally explosion proof motors, 1800 RPM, 230/460 Volt, 3 phase, 60 Hz for hazardous locations, class 1, Groups A,B,C,D and Class 11, Groups E,F,G.
- 15.5 Submersible Pumps, 1800 RPM, 230/460V, 3 Phase Various Horsepower.
- 15.6 Closed Coupled Pumps, Horizontal Split Case Pumps and Vertical Turbine Pumps.

#### 16. MACHINING:

Contractor must have a full on site machine shop. All machine work is on a straight hourly rate. When machine work is necessary, list as a separate item when doing a written estimate.

#### 17. CRANE SERVICE:

17.1 Contractor shall supply crane and/or special lifting equipment with operator when required for repairs.

## 17.2 Mobilization charge shall include all charges to get crane on site.

17.3 Some locations will require a minimum 80 ton crane with 150 ft. boom.

#### 18. **GENERAL INSTRUCTIONS:**

 18.1 Repairs shall consist of all work necessary to fulfill orders placed by authorized employees.

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- 18.2 All repairs, retrofits and/or replacements must be performed to meet all applicable codes, laws, and regulations.
- 18.3 Work performed may be turnkey or any portion thereof including removal, installation and alignment at the site.
- 18.4 Any electrical and/or mechanical disconnection and re-connection of motors will be done by the City of Sunrise.
- 18.5 When specifically requested by the City of Sunrise, the contractor will install, reconnect, do larger type alignment and perform startup on site. Contractor will be paid as per labor charge quoted for these services.
- 18.6 When requested, contractor shall do a vibration and on line test in the presence of a City of Sunrise representative and submit a written report at no additional cost.
- 18.7 Only new parts or refurbished parts, certified and warranted as new and are equal or better quality shall be used for repairs.
- 18.8 Used parts will be returned to the City of Sunrise.

#### 19. **DISASSEMBLY AND INSPECTIONS:**

#### General information to be included on the written estimate:

- 19.1 Upon receipt of motor, the insulation resistance shall be read and recorded, as part of the written estimate.
- 19.2 If the motor windings have failed, a description of failure and probable cause of failure shall also be recorded.
- 19.3 The written estimate will also indicate the general condition of the motor to include any problem which would prevent the motor from performing efficiently.
- 19.4 Any physical damage will be indicated as to bearings (worn, dry, overgrazed), transmission device problems (worn sheave, damaged, coupling) and shaft or housing damage.

#### 20. WINDING INSTRUCTIONS:

#### 20.1 Winding removal and core preparation:

Before windings are removed as stator core inter laminar insulation test (core loss test) shall be performed and the results recorded. Old winds shall be removed by using either a "Vapor-Phase" solvent system or a controlled temperature "Burn-out" oven. In either case, the method used must allow removal of the winding without the use of any excessive heat which might warp the stator frame or harm the laminations. Upon removal of the winding and insulation, the core shall be inspected for cleanliness and absence of burrs, sharp edges and damage iron. In the event the slots are not clean, the iron shall be sandblasted. Any damaged core iron shall be removed or individually treated to return the core to its original laminated condition. The iron and frame shall be in a first class condition in every respect

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before the rewinding procedure begins. A second stator core inter laminar insulation test shall be performed and the results recorded.

#### 20.2 Winding materials:

- 20.2.1 Class "F" (minimum) insulation systems will be used in rewinding motors unless exceptions are stated on the purchase order (Class "F" 155 C).
- 20.2.2 All materials used in rewinding shall be guaranteed to be capable of a specified minimum temperature class as defined by ANSI/NEMA MG-1 standards.
- 20.2.3 Data of the original material fabricator shall be available to substantiate the temperature class of each material used.
- 20.2.4 Magnet wire shall be copper.
- 20.2.5 Insulating varnish shall be of polyester type.
- 20.2.6 All material of the insulation class shall be compatible.
- 20.3 Winding method:
  - 20.3.1 Coils shall be machine wound with all wires individually tensioned to obtain uniformity and freedom from "crossovers".
  - 20.3.2 Proper form shapes shall be used to insure adequate end room clearance and prevent "buried" coils.
  - 20.3.3 All connections, jumpers and leads shall be laced down in a neat, secure manner with adequate clearance from end bells.
  - 20.3.4 The winding shall be installed in a secure manner and shall not be twisted and/or skewed while banding.
  - 20.3.5 All motors and transformers must be rewound and connected as per the original winds and name plate information.
  - 20.3.6 All leads shall be flexible, minimum 12" in length, tinned and terminated with approximate sized, pressure type lugs which have been die crimped.
  - 20.3.7 All windings shall be the same style as found on the original.
- 20.4 Varnish Application:
  - 20.4.1 All random wound equipment shall be preheated to minimum temperature of 300 F for a minimum of one hour.
  - 20.4.2 The equipment shall then be allowed to cool to approximately 130 F and dipped. If conflicts exists between this specification and the varnish manufacturer's recommendation, the manufacturer's method will be used.

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- 20.4.3 In applying the insulating varnish, the recommendation of the manufacturer should be followed with respect to specific gravity, viscosity and curing cycle for the particular varnish in question.
- 20.4.4 A minimum of two (2) dips and bakes shall be scheduled to insure a good coating.
- 20.4.5 The baking shall be done in a temperature controlled, forced ventilation oven to give the best and most uniform cure.
- 20.4.6 When specified, the above procedure will not apply and the stator shall be insulated using a VPI (vacuum pressure impregnation) process.
- 20.4.7 In an emergency situation a rapid process system may be used provided approval is obtained from City of Sunrise.

#### 21. MECHANICAL REPAIRS:

- 21.1 The frame and shields, fans, conduit boxes and other mechanical parts will be inspected for damage, with particular attention given to machined surfaces, environmental seal surfaces and gaskets, corroded bolts and tapped screw threads. Damaged or defective parts will be repaired or replaced.
- 21.2 Shafts will be visually inspected for excessive wear, damaged keyways and surface condition. If required, shafts will be replaced or repaired. Tolerances for shafts and bearings on all motors will be checked for conformance as below:

#### 21.2.1 Shaft Journals

21.2.1.1	Diameter + .0000";0005"
21.2.1.2	No more than .0005" taper
21.2.1.3	No more than .0005" TIR (shaft mounted between centers)
21.2.1.4	Finish to be 2-5 RMS (polished)

#### 21.2.2 Anti-friction Bearing to Shaft Fit

- 21.2.2.1 No more than .0005" TIR (shaft mounted between centers)
  - 21.2.2.2 No more than .0005"
- 21.2.2.3 Tolerances for bearing to shaft fit as specified by motor (or bearing) manufacturer, (i.e. solid shaft tolerances may differ from hollow shaft).
- 21.2.2.4 Finish to be 10-15% MS

#### 21.2.3 Shaft Straightness

21.2.3.1 New shaft, not in rotor, mounted between centers, no more than .0025" TIR at center of shaft.

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Shaft centered in chuck (one end) and steady rest near other

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end, not to exceed .00015" TIR at end of shaft extension for 5/8" to 1-5/8" diameter shafts inclusive and .002" at end of shaft extension for over 1-5/8" diameter shafts inclusive.

#### 21.2.3.3 Tolerances for anti-friction bearing to housing fit will conform to motor (or bearing) manufacturer's specification for both fixed and floating bearings.

21.2.3.4 After final assembly, repaired rotors will be checked by dynamic balancing to ensure overall "case" vibration levels Less than stated below:

Rated Speed RPM	Maximum Amplitude, Inches
3000-4000 inclusive	.001
1500-2999 inclusive	.0015
999-and less	.0025

#### 21.3 **Bearing replacement and housing repair**

- 21.3.1 Bushing-When necessary, material shall be equal to original housing where possible. Metalizing is acceptable.
- 21.3.2 Bearings to be C3 without exception. Where applicable, anti-friction bearing shall be doubled sealed.

21.3.2.1	Bearing inst 21.3.2.1.1	allation Shaft surface to be clean and contaminate free.
(8)	21.3.2.1.2	Bearing to shaft to be free of burrs, necks and/or contaminates.
	21.3.2.1.3	Bearing to be heated for installation in a thermostatically controlled oven with temperatures not to exceed 230 F.
	21,3.2.1.4	Bearings are not to be handled at any time with bare hands.
	21.3.2.1.5	Bearings must be examined prior to installation for contaminates and/or foreign material.

21.3.2.1.6 Verification of bearing and bearing application VS. manufacturer's recommendation is a necessity.

#### 21.4 Shaft repair

21.4.1 Metalizing is acceptable when .040 inches or less is required to obtain original dimensions.

21.4.2 When .040 inches or more is required, the shaft shall be welded or replaced. This will require prior approval from the City of Sunrise and should be Vendor Initials City Initials

included in the written estimate.

- 21.5 Pump repair
  - 21.5.1 All pump repairs shall be completed using OEM factory parts installed in accordance with the manufacturer's instructions and specifications.
  - 21.5.2 Copies of all manufacturer's invoices for parts shall be provided with invoice for payment.

#### 21.6 Miscellaneous

- 21.6.1 If a cooling fan requires replacement, new fan shall be of non-corrosive material.
- 21.6.2 Fan replacement shall be equal to the original or better.
- 21.6.3 Any external motor hardware requiring replacement, i.e. wiring boxes, fan covers, bearing caps and etc., shall be equal to the original or better and should be noted on the written estimate for approval.
- 21.6.4 On all TEFC motors, the opening between stator and motor connection box is to be sealed with potting compound. Compound shall be Crouse-Hines Chico or equal to the original or better.

#### 22. FINAL ASSEMBLY:

- 22.1 All machined surfaces cleaned and contaminate free.
- 22.2 All threaded holes tapped to maximum depth.
- 22.3 All gasketed surfaces prepared for re-assembly.
- 22.4 Motor frame completely free of excess paint, varnish, etc.
- 22.5 Motor feet are to be cleaned including bolt holes.
- 22.6 All air intake screens to be in place and secured.
- 22.7 Provision for in-service lubrication eliminated.
- 22.8 All cooling fans are to be secure.
- 22.9 During re-assembly, all mechanical fits shall be double checked for proper fit and alignment.
- 22.10 All finished machine surfaces shall be cleaned of all varnish and foreign materials.
- 22.11 The bore of the stator laminations and the periphery of the rotor must be clean and free of contaminates and/or any foreign material.
- 22.12 A high grade metal protector shall be applied to all unprotected machined surfaces, such as shafts, machined flange fit surfaces, etc.
- 22.13 All wiring boxes shall have new gaskets between box and stator housing as well as between the split wiring box halves, properly installed to prevent water entry to box.

#### 23. PAINTING:

- 23.1 Motors and pumps shall be blasted, cleaned, and primed with polyamide epoxy 3-5 mils thick. Finish paint shall be aliphatic urethane 1.5-2.5 thick. Color shall be gray, but may vary if specified on the purchase order.
- 23.2 Any design changes such as horse power re-rating, speed, etc. shall be shown as new name plate data, with the date shown on the new name plate. The old or

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original name plate shall be left intact. Name plates which are missing or are not legible shall be replaced with a new name plate giving as much information as is possible. All new name plates installed by the repair shop are to be fabricated from a high grade stainless steel.

#### 23.3 Testing:

- 23.3.1 A check for balanced phase current for deviations more than five percent (5%). A resistance check with an accurate resistance bridge, or microohmmeter will be made when deviations are greater than five percent (5%). These current readings shall be recorded.
- 23.3.2 A dielectric test by megohmeter at twice rated voltage for one minute. Readings to be recorded. Resistance values shall not be less than published National Electric Manufacturer's Association (N.E.M.A), rewind standards for rated voltages.
- 23.3.3 Seismic vibration readings of each bearing shall be measured and recorded. Filter out readings shall be recorded for each bearing for both displacement 1000 - inch (mils) and velocity Inches per second (I.P.S.).
- 23.3.4 After 60 minutes running time bearing cap temperatures shall be measured and recorded.

#### 23.3.5 **Tolerances:**

Any motor which exceeds any of the following specifications shall be deemed unacceptable.

23.3.5.1.	Seismic Vibration Reading Rated Speed (RPM)	<u>as</u> Maximum Amplitude
(inch		
	3000-4000	0.001
	1500-2999	0.0015
	1000-1499	0.0002
	999-less	0.002
23.3.5.2	<u>Temperature</u> Bearing cap temperature following:	es shall not exceed the
23.3.5	5.2.1 Air cooled finned n	notors - 140 F
23.3.	5.2.2 Air cooled non-finr	ned motors - 160 F

#### 24. **RECORD:**

A failure report shall be filled out for each motor repaired and returned with the motor.

- 25. Additional work, requiring authorization, that may be done as per cost specified on bid sheet included but not limited to the following:
  - Repair of stator core damage that is not the result of winding burn out. 25.1
  - 25.2Repair of end bells, repair or replacement of J-boxes, repair of mounting feet or any repair to the motor frames. Vendor Initials

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- 25.3 The repair or replacement of cooling fans.
- 25.4 Repair of shaft keyways.
- 25.5 Shaft bearing journal repair over .040 inches.

#### 26. MOTOR RECONDITIONING SPECIFICATIONS:

- 26.1 All motor reconditioning work shall include labor and materials to accomplish the following scope of work:
  - 26.1.1 Dismantle, test and inspect;
  - 26.1.2 Clean, dip and bake;
  - 26.1.3 Metallize and machine shaft and end bells as required;
  - 26.1.4 Dynamic balancing as required;
  - 26.1.5 Replace bearings as required;
  - 26.1.6 Assemble, test and paint;
  - 26.2 All work shall be accomplished in accordance with Electrical Apparatus Service Association (EASA) Standards, 1331 Baur Boulevard, St. Louis, MO 63132 and in accordance with the following specifications:
    - 26.2.1 Prior to dismantling of the motor, inspect motor by turning rotor to identify a sprung shaft, rubbing, bearing noise or roughness, and excessive endplay. Contractor shall record findings.
    - 26.2.2 Perform megohmeter, surge comparison test and DC high potential ground test in accordance with EASA Standards, Sections 3.4.1, 3.5.5.1 and 8.0 Record results.
    - 26.2.3 After dismantling of motor, inspect in accordance with EASA Standards, Sections 2.1, 2.2, 2.4, 2.5, 2.7 and 3.0. Check the rotor between centers on a lathe for shaft runout. Check bearing fits using bearing manufacturer's data for dimensions and tolerances. Record all bearing fits, shaft runout, and defects discovered.
    - 26.2.4 All motor windings will be steam cleaned using detergent and rinsed with clean steam.
    - 26.2.5 The motor will be baked dry in a controlled temperature oven following standard shop procedures. After the first bake, allow motor windings to cool down to normal temperature.

Perform megohmeter test on the windings. The minimum acceptable

reading is one megohm plus one megohm for each 1000 volts of

26.2.6 City Initials

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operating voltage. If reading is unacceptable, inspect motor windings for cleanliness. If windings are not clean (i.e., dirt, grease, detergent residue), steam clean motor windings again.

26.2.7 If windings are clean, back the motor windings again in a controlled temperature oven following standard shop procedures. After second back, allow motor windings to cool to normal temperature. Perform megohmeter test on the windings. If readings are unacceptable, then contact the ordering department for further instructions.

26.2.8 If readings are acceptable, dip and bake motor windings.

26.2.9 Dip motor by completely submerging windings until all pores are filled. Bake windings until varnish is cured in accordance with motor manufacturer specifications. Class F varnishes will be required for all motors. The vacuum pressure impregnation process and epoxy resin is required if the motor is used in severe temperature or moisture service areas as determined by the department.

- 26.2.10 Bake windings in a controlled temperature oven.
- 26.2.11 Reassemble the motor using high temperature grease. Record type of grease used.
- 26.2.12 Install new bearings in accordance with EASA Standards, Section 2.2, using motor manufacturer's specifications for type and size of bearings. If existing bearings are different from manufacturer's specifications, contact the department for further instructions.
- 26.2.13 Use loose fit bearings (C-3 class) on all 3600 RPM motors.
- 26.2.14 On motors with sleeve bearings, the shaft must be blocked to prevent bearing damage during shipment. A non-hardening sealant compound, RTV silicone, Permatex® #2 or equal is to be used during assembly on all end bells, bearing caps, etc., to prevent moisture and fumes from entering the motor on all TEFC or explosion-proof motors. Check fans, covers, and guards for proper fit and function. Repair or replace defective items.
- 26.2.15 After motor reassembly perform meghometer test and surge comparison test in accordance with EASA Standards, Sections 3.4.7, 3.5.5.1 and 8.0. Record results.
- 26.2.16 All rotors for motors 5 HP and larger are to be dynamically balanced to National Electrical Manufacturer Association (NEMA) Standard MG1-12.05 for Integral Horsepower Electric Motors. (EASA Standards, Section 2.6).

 26.2.17
 Motors 25 HP and larger will require spectrum analysis. Copies of the vibration spectrum plots from the test and runs are to be Vendor Initials

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furnished to the department. Spectrum analysis will be conducted in the vertical, horizontal and axial directions on both bearings. A frequency range of 0-1000 HZ will be required for sleeve bearing and 0-2000 Hz for ball bearings. Any DC armature operating above 100 RPM shall be balanced to appropriate standards.

26.2.18 Perform no-load test in accordance with EASA Standard, Section 3.4.7.4. Record RPM, bearing temperatures and coast down. Check and mark magnetic center on shaft. Perform spectrum analysis as previously described.

#### 27. MOTOR REWIND SPECIFICATIONS:

- 27.1 All electric motor rewind work shall include labor and materials to accomplish the following scope of work:
  - 27.1.1 Dismantle, test, inspect, strip and clean;
  - 27.1.2 Make and insert coils;
  - 27.1.3 Connect dip and bake coils;
  - 27.1.4 Metallized and machine shaft and end bells as required;
  - 27.1.5 Dynamic balancing as required;
  - 27.1.6 Replace bearings as required;
  - 27.1.7 Assemble, test and paint;
- 27.2 All work will be accomplished in accordance with EASA Standards and in accordance with the following specifications:
  - 27.2.1 Prior to dismantling of motor, inspect motor by turning rotor to identify a spring shaft, rubbing, bearing noise or roughness, and excessive endplay. Record findings.
  - 27.2.2 Perform megohmeter test, surge comparison test and DC high potential ground test in accordance with EASA Standards, Sections 3.4.1, 3.5.5.1 and 8.0. Record results.
  - 27.2.3 After dismantling of motor, inspect motor in accordance with EASA Standards, Sections 2.1, 2.2, 2.4, 2.5, 2.7 and 3.0. Check the rotor between centers on a lathe for shaft runout. Check bearing fits using bearing manufacturer's data for dimensions and tolerances. Record all bearing fits, shaft runout, and defects discovered.
  - 27.2.4

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Strip coils in accordance with EASA Standards, Section 1.5. Coils will be burned out in a controlled temperature oven. The maximum temperature during burnout will not exceed 750°F. After stipping, examine and test laminations for blowholes, shorts, and hot spots in accordance with EASA Standards, Section 3.4. Repair as necessary Vendor Initials

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prior to rewinding.

- 27.2.5 Sandblast and thoroughly clean slots and frames. Check for cracks or broken welds and repair as necessary. Check motor for cracks and flaws. Record findings.
- 27.2.6 Make and insert coils in accordance with EASA Standards, Section 3.1. Class F insulation will be required for all motors. Silicone rubber insulated "T" leads are required.
  - 27.2.7 Dip motor by completely submerging windings until all pores are filled. Bake windings until varnish is cured in accordance with

motor manufacturer's specifications. Class H varnishes will be required for all motors. The vacuum pressure impregnation process and epoxy resin is required if the motor is used in severe temperature of moisture service areas as determined by the ordering department.

- 27.2.8 Bake windings in a controlled temperature oven.
- 27.2.9 After varnishing and baking, perform megohmeter test, surge comparison test, and DC high potential ground test in accordance with EASA Standards, Section 3.4.7, 3.5.5.1 and 8.0. Record results.
- 27.2.10 If required, perform full load test in accordance with EASA Standards, Section 3.4.7.5. Record results.
- 27.2.11 Reassemble the motor using high temperature grease. Record type of grease used.
- 27.2.12 Install new bearings in accordance with EASA Standards, Section 2.2, using motor manufacturer's specifications for type and size of bearings. If existing bearings are different from manufacturer's specifications, contact the department for further instructions.
- 27.2.13 Use loose fit bearings (C-3 class) on all 3600 RPM motors. On motors with sleeve bearings, the shaft must be blocked to prevent bearing damage during shipment.
- 27.2.14 A non-hardening sealant compound, RTV silicone, Permatex® #2 or equal is to be used during assembly on all end bells, bearing caps, etc., to prevent moisture and fumes from entering the motor on the TEFC or explosion-proof motors.
- 27.2.15 Check fans, covers, and guards for proper fit and functions. Repair or replace defective items.
- 27.2.16 After reassemble preform megohmeter test, surge comparison test, and DC high potential ground test in accordance with EASA Standards, Section 3.4.7, 3.5.5.1, and 8.0. Record results.

All rotors for motors are to be dynamically balanced to NEMA

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Standard MG-12.05 for Integral Horsepower Electric Motors. Vendor Initials

EASA Standards, Section 2.6. Motors 25 HP and larger will require spectrum analysis. Copies of the vibration spectrum plots from the test stand runs are to be furnished to the department. Spectrum analysis will be conducted in the vertical, horizontal and axial directions on both bearings. A frequency range of 0-1000 HZ will be required for sleeve bearing and 0-2000 HZ for ball bearings. Any DC armature operating above 100 RPM shall be for balanced to appropriate standards.

- 27.2.18 Perform no-load test in accordance with EASA Standards, Section 3.4.7.4. Record RPM, bearing temperature and coast down. Check and mark magnetic center on shaft. Perform spectrum analysis as previously described. If requested, perform full load test in accordance with EASA Standards, Section 3.7.5. Record results.
- 27.2.19 Provide a description of work performed and results from inspections and test. Return old bearings to the department.

#### 28. PROCEDURES FOR SERVICE WORK:

#### 28.1 Contractor Notified

When service is required, the contract administrator will contact the awarded vendor notifying them that there is a motor needing repair and that an estimate/repair worksheet has been prepared for contractor and user input. The using division will fill out the top portion of the worksheet and fax the worksheet to the contractor. The contractor will make arrangements to pickup the motor and prepare an estimated (using the same worksheet). When the estimate is prepared, the contractor will fax it to the contract administrator. Test reports must be provided with the estimate. The contractor will authorized the actual repairs by providing the contractor with a purchase order.

#### 28.2 Contractor's Pricing

All motor rewind/rebuild/repair work will be priced in accordance with the latest edition of Vaughen's Pricing Guide, National Average Prices, latest edition, which shall automatically adjust pricing for the work with the exception of labor rates offered on the bid sheets. The percentage of National Average Prices shall remain fixed throughout the contract period and any renewals. Labor rates for machinist shall also remain firm during the initial contract period and any renewals.

Stator Rewinds include: Dismantle, test strip, clean; make and Insert Insulation coils; connect, dip and bake, assemble, test and paint, one (1) year warranty (per Vaughens). Prices include all labor, material, overhead, and profit. Extras are calculated at the same percent of Vaughens. "Extra Priced by Frame Time.

When preparing the estimate worksheet, the contractor shall make a copy of the correct page from Vaughen's and highlight the specific charges and any adders from Vaughen's. The percentage of Vaughen's Price Guide, National Average, that is bid shall include pick up, tear down, inspection, a written estimate (using the estimate/repair work sheet.), the actual repairs including adders, reassembly, and return delivery. The percent bid shall remain constant throughout the contract period and any renewal periods.

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#### 28.3 Repairs Not Wanted

In the event repairs are not practical/wanted, the contractor will return the unit to the City of Sunrise fully assembled at no charge to the City of Sunrise.

## 28.4 <u>Comparison Prices for New Motors vs. Repairs</u>

On the estimate worksheet, there is a section for the contractor to fill out with information on the cost of a new motor versus the cost of the repair for comparison purposes. For motors with a purchase price less than \$3,500.00, the contract administrator may purchase the motor from the contractor. Any replacement motors costing the City of Sunrise \$2,500.00 or more, must be done on a competitive basis.

#### 28.5 Additional Parts

Any parts required for repairs that are not included in Vaughen's Pricing Guide, will be on a "pass through" basis and will be paid at contractor's cost.

#### 28.6 "Pass Through"

The contractor shall provide all required parts and materials to repair motors. <u>Vaughen's Pricing Guide</u> National Average Prices includes all labor, material, overhead and profit. In the rare case when parts are not included in <u>Vaughen's</u> <u>Pricing Guide</u>, these parts will be paid on a "pass through" basis at contractor's cost. i.e. The contractor will charge the City of Sunrise the same invoice prices charged by the suppliers. A copy of the Contractor's invoice(s) from the supplier for such parts and materials shall be submitted with the contractor's invoice for payment. In cases where the contractor manufactures their own parts, the contractor will charge the City of Sunrise a price no higher than charged and invoiced to their most favored customer. The City of Sunrise reserves the right to request verification.

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#### EXHIBIT "B"-PRICING

- 1. Random Wound AC Motors Stator Rewinds including adders will be calculated less 55 % of the National Average as per Vaughen's Price Guide. (Vaughen's page A1-3)
- 2. Emergency electric motor renairs for Random Wound AC Motors Stator Rewinds including adders requested on a three shift basis will be calculated less 30% of the National Average as per Vaughen's Price Guide. (Vaughen's page A1-3)
- 3. Rewind renairs extras machined parts for Submersible Pumps including adders will be calculated less 55% of the National Average as per Vaughen's Price Guide. (Vaughen's pages, PR1-2, PR1-7, PR1-9, PR1-11,13,15,17 25)
- 4. Emergency Submersible Pump repairs including adders requested on a three shift basis will be calculated less 30% of the National Average as per Vaughen's Price Guide. (Vaughen's pages, PR1-2, PR1-7, PR1-9, PR1-11,13,15,17 25)
- 5. Charge for VPI (Vacuum pressure impregnation) treatment is at \$ 5.00/per horsepower
- 6. Labor for mechanic/machinists, in shop or on site, all hours, as required \$ 45.00/per hour.

#### 7. Crane Service

- 7.1 Crane service with operator, when required for repairs \$ <u>105.00/per hour</u>.
- 7.2 Mobilization charge(one time charge to get crane on-site) <u>\$262.50/ per hour</u>
- Crane service, 80 ton crane with 150 foot boom and operator, when required for repairs, \$205.00/per hour.
  - 8.1. Mobilization charge (one time charge to get crane on site) \$512.50.
  - 8.2 Minimum charges for crane(s), if any \$ 262.50.

Item No	. DESCRIPTION		Price
1	AC Random Wound, TEFC, 5 HP, 460v, 3 phase, 1200RPM, vertical frame		
	L215HP10, ID #5K215QPL6021 rewind, clean, dip, and bake, AC stator, two new	1	
<u></u>	ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.1	\$	√415.80
2	AC Random Wound, TEFC, 10 HP, 460v, 3 phase, 1200 RPM, horizontal Frame		
	256T, ID #07GP25046701G, rewind, clean, dip, and bake, AC stator, two new ball	ሱ	150 75
	bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.2	\$	456.75
3	AC Random Wound, TEFC, 15HP, 460v, 3 phase, 720 RPM, horizontal Frame		
3	326TS, ID #B0597028493-001R-3, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item		
	No.3	\$	830.70
	AC Random Wound, TEFC, 20HP, 460v, 3 phase, 1800 RPM, verical Frame	Ψ	000.10
4	256TPH, ID #B0397024932-S0-001F, rewind, clean, dip, and bake, AC stator, two		
	new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item		
	No.4	\$	479.25
	AC Random Wound, TEFC, 40HP, 460v, 3 phase, 1465 RPM, horizontal Frame		
5	324T, ID #R908A, inverter duty, rewind, clean, dip, and bake, AC stator, two new		
	ball bearings, all tests, Metalized shaft; VPI, dynamically balanced, as per item		
	No.5	\$	745.65
6	AC Random Wound, ODP, 50HP, 460v, 3 phase, 1800 RPM, horizontal Frame		
	326TS, ID #R-4922-01-161, rewind, clean, dip, and bake, AC stator, two new ball	<b>^</b>	
	bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.6	\$	848.70
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· · · ' `       7	AC Random Wound, TEFC, 60HP, 460v, 3 phase, 3600 RPM, horizontal Frame 364TS, ID # 5K364BL1156 CY102006, rewind, clean, dip, and bake, AC stator, inverter duty, two new ball bearings, all tests, Metalized shaft, dynamically balanced, as per item No.7	1,046.25
. 8	AC Random Wound, WP1, 60HP, 460v, 3 phase, 1800 RPM, vertical Frame - 364VPA, ID # G0802172936-100R-3, inverter duty, rewind, clean, dip, and bake,	<b></b> )
	AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.8	986.40
lt	em No. DESCRIPTION	Price
9	AC Random Wound, ODP, 75HP, 460v, 3 phase, 3600 RPM, horizontal Frame 364TS, ID # 14M096W889C2, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.9 \$	
1	AC Random Wound, TEFC, 75HP, 460v, 3 phase, 1200 RPM, vertical Frame	3
1	AC Random Wound, TEFC, 100HP, 460v, 3 phase, 900 RPM, vertical Frame L447VP16, ID #PN6122041, rewind, clean, dip, and bake, AC stator, two new ball	1,358.10
1:	AC Random Wound, ODP, 125HP, 460v, 3 phase, 3600 RPM, horizontal Frame	1,993.50
1:	item No.12 \$ AC Random Wound, TEFC, 150HP, 460v, 3 phase, 1800 RPM, horizontal Frame	1,686.60
14	AC Random Wound, TEFC, 200HP, 460v, 3 phase, 1800 RPM, horizontal Frame	1,759.50
1	AC Random Wound, WP1, 200HP, 460v, 3 phase, 1200 RPM, veritcal Frame 5006P, ID # B07695313R-A1 inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item	2,439.45
16	AC Random Wound, ODP, 250HP, 460v, 3 phase, 1800 RPM, vertical Frame	2,667.60
17	No.16 AC Random Wound, TEFC, 250HP, 460v, 3 phase, 1200 RPM, vertical Frame	2,702.70
18	item No.17 AC Random Wound, TEFC, 350HP, 460v, 3 phase, 1200 RPM, vertical Frame	3,406.50
Ci		3,302.10

19 20	<ul> <li>AC Random Wound, TEFC, 350HP, 460v, 3 phase, 1800 RPM, horizontal Frame S449SS, ID #E09TG02273714, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.19</li> <li>AC Random Wound, TEFC, 400HP, 460v, 3 phase, 1200 RPM, vertical Frame 5009P, ID # B0597037040-001R-1, inverter duty, rewind, clean, dip, and bake, AC</li> </ul>		2,846.70
	stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.20	\$ 3	3,688.20
	SUBMERSIBLE PUMP REPAIRS		
	6.2HP, 230v, 3 phase, 1800 RPM, Model #FA10.22w, serial #650050338, rewind,		
21	clean, dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller		
	(medium difficulty level)	\$	377.55
	10HP, 230v, 3 phase, 1800 RPM, Model #FA10.33w, serial #650050223, rewind,		
22	clean, dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller		
	(medium difficulty level)	\$	440.55
	20HP, 230v, 3 phase, 1800 RPM, Model #FA10.65, serial #6501165312, rewind,		
23	clean, dip and bake, replace 2 bearings and seal, all tests, metalize & turn bearing		
	journal, bore & sleeve 2 bearing housings, balance rotor & impeller (medium	ሱ	C70 4 C
	difficulty level)	\$	570.15
24	25HP, 480v, 3 phase, 1800 RPM, Model #FA1566e, serial #650065305, rewind,		
24	clean, dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller (medium difficulty level)	\$	643.95
	56 HP, 480v, 3 phase, 1800 RPM, Model #FA15.96, serial #496228, rewind, clean,	Ψ	040.00
25	dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller,		
20	metallize & turn bearing journal & seal surface, metalize shaft, replace winding		
	overloads, machine seal seat surface (medium difficulty level)	\$ 1	,755.00

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## EMERGENCY SERVICE

	26 Labor hours for mechanic/machinists, in shop or on-site all hours, for machine work,		
	not specified in Vaughen's \$	(	45.00/hr.
0	27 Crane Service, with operator.	( . ]	105.00/hr.
	28 Mobilization Charge. \$	í	262.50/ea.
	29 Crane Service, 80 ton crane with 150 foot boom with operator. \$	ĺ	205.00/hr.
	30 Mobilization Charge \$	ì	512.50/ea.

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#### EXHIBIT "C"

#### SECURITY PROCEDURE FORM

The Vendor shall be responsible for and required to complete a VENDOR PASS REQUEST FORM, with photo identification of all personnel authorized to be at Utility sites. Changes in personnel, additions and/or deletions, shall be reported to the City's designated representative in the Utilities Department within twenty-four (24) hours of the change in writing via fax to 954-846-7404.

All personnel shall report to the Security Guard or Operator on duty at each site for check-in upon arrival at any Utility location. Photo identification of person, their purpose of visit, and name of contact person at Utilities, shall be required for entry.

Vendor shall ensure that only authorized Vendor employees, subvendors or agents shall have access to Vendor City vehicles, work site, equipment, work products, reports, electronic data and any and all other information in any written or verbal format pertaining to the City of Sunrise. Vendor shall not admit any unauthorized personnel onto any Utility site. Vendor will not release, discuss or share any information on Utility system, equipment and or operations, to any non-City personnel.

Upon leaving Utilities premises, all personnel shall be required to check out with the Security Guard or Operator on duty.

This requirement and responsibility of Vendor shall remain for the Agreement term and Agreement extensions. Any references of Vendor personnel herein shall include employees, subvendors or agents of Vendor. This facility access requirement is to assure security to City's facilities and shall be considered a material term of this Agreement. Vendor shall have no claim or rights against City for its failure to comply with this requirement and shall be responsible to timely complete its work under the terms of the Agreement.

The foregoing has been read and is acknowledged by the following authorized representative.

Conclu Electric Motr Reform (Company Name) By:\_\_\_\_\_\_\_ Its:\_\_\_\_\_\_ Date:\_\_\_\_\_\_ (- 21-13

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## "SAMPLE" VENDOR PASS REQUEST

 Vendor-Name
 Vendor Address
Vendor Contact Name
Vendor Contact Phone Number
List of Contractor Employees Requiring Entry to City of Sunrise Utility Facilities (Attach copy of Picture Identification (State or Federal) for all persons listed)

Name	Work to be Performed
······	
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## EXHIBIT "D"

## VENDOR CONTRACT EVALUATION FORM FOR REPAIRS

1.	Contract No.					
2.	Contract Title:					
3.	voluor ivallio.					
4,	Vendor Contact Person:					
5.	vendor FEID Number:					
6.	Contract Administrator/Title:					
7.	Person Doing the Evaluation:					
8,	Division:					
9.	Phone Number				<u></u>	
10.	OVERALL RATING (Please Circle) Unsatisfactor	y; Poor	; Fair;	Good; I	Exceller	nt
11.	Vendor complaint forms sent to this vendor during Attach copies if yes.	the cor	itract p	eriod?_		-
12.	Numerical Score:					
13.	Recommended for future contracts? (Please Circle)	) Yes;	No;	Conditi	onal	
	SPECIFIC RATING (Rate numerically 1 to 5 with		est)			
1.	Cooperation with Contract Administrator and other City of Sunrise personnel.	1	2	3	4	5
2.	Vendor Quality Control Program.	1	2	3	4	5
3.	Vendor suggested methods of cost reduction.	1	2	3	4	5
4,	Provided proper supervision.	1	2	3	4	5
5.	Provided competent workers.	1	2	3	4	5
6.	Quality of workmanship.	1	2	3	4	5
7.	Informed Contract Administrator about warranties and warranty period.	1	2	3	4	5
8.	Vendor called back for same problem.	1	2	3	4	5
9.	Completion times met as per contract.	1	2	3	4	5
10.	Repairs completed as specified in contract.	1	2	3	4	5
11.	Vendor maintained a clean work site, removed any debris and disposed of it properly	1	2	3	4	5

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		Bid Title: Electric Motor & Pump Repair				ABULA	TION	TABULATION SHEET				
		Bid No.: 12(27)12-13-12-19-H				•• 5						
				CONDO				DONE			Ţ	TAW
Item	Est.		Unit	Extended	-	Unit	ш	Extended	Unit		Exte	Extended
	Qty.	DESCRIPTION	Price	Total	_	Price		Total	Price	٥	To	Total
	2	AC Random Wound, TEFC, 5 HP, 460v, 3 phase, 1200RPM, vertical frame L215HP10, ID #5K215QPL6021 rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.1	\$ 415.80	\$ 831.60	\$	427.14	ф	854.28	\$ 463.50		ស	927.00
	0	AC Random Wound, TEFC, 10 HP, 460v, 3 phase, 1200 RPM, horizontal Frame 256T, ID #07GP25046701G, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty,VPL, dynamically balanced, as per item No.2	\$ 456.75	\$ 1,370.25	25 <b>\$</b>	548.64	ф	1,645.92	\$ 613	613.50		1,840.50
	2	AC Random Wound, TEFC, 15HP, 460v, 3 phase, 720 RPM, horizontal Frame 326TS, ID #B0597028493-001R-3, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.3	\$ 830.70	\$ 1,661.40		\$1,089.72	↔	2,179.44	\$1,077.00		6 10	2,154.00
	<del></del>	AC Random Wound, TEFC, 20HP, 460v, 3 phase, 1800 RPM, verical Frame 256TPH, ID #B0397024932-S0-001F, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty,VPL, dynamically balanced, as per item No.4	\$ 479.25	\$ 479.25	<del>৫</del> 52	575.10	မ	575.10	\$ 707	707.50	بە	707.50
	~	AC Random Wound, TEFC, 40HP, 460v, 3 phase, 1465 RPM, horizontal Frame 324T, ID #R908A, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, Metalized shaft; VPI, dynamically balanced, as per item No.5	\$ 745.65	\$ 745.65	<del>ک</del> وی	997.92	÷	997.92	\$1,258.00		۲- ۲-	1,258.00
	~	AC Random Wound, ODP, 50HP, 460v, 3 phase, 1800 RPM, horizontal Frame 326TS, ID #R-4922-01-161, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.6	\$ 848.70	\$ 848.70	\$ 20	891.00	\$	891.00	\$1,209.00		\$	1,209.00
	N	AC Random Wound, TEFC, 60HP, 460v, 3 phase, 3600 RPM, horizontal Frame 364TS, ID # 5K364BL1156 CY102006, rewind, clean, dip, and bake, AC stator, inverter duty, two new ball bearings, all tests, Metalized shaft, dynamically balanced, as per item No.7	\$1,046.25	\$ 2,092.50		\$1,389.42	φ	2,778.84	\$1,674.00		с, Ф	3,348.00
	~	AC Random Wound, WP1, 60HP, 460v, 3 phase, 1800 RPM, verical Frame 364VPA, ID # G0802172936-100R-3, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball hearines all tests. VP1. dynamically balanced, as ner item No.8	386 40 386 40	07 986 586 40		\$1 315 QR	ť	1 315 08	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			1 565 00

		Bid Title: Electric Motor & Pump Repair			TABULAT	TABULATION SHEET			
				CONDO		DONE RITE		TAW	
No. 1	Est.	DESCRIPTION	Unit	Extended	Unit Price	Extended	Unit	Extended	ed
			\$1.193.85	\$ 1.193.85	\$1.244.70	\$ 1.244.70	\$1.697.00		00.7
10	2	AC Random Wound, TEFC, 75HP, 460v, 3 phase, 1200 RPM, verical Frame 405VPA-TE, ID # GIR136S10S1570131R-2, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.10	\$1,358.10		\$1,629.72		\$2,113.00		6.00
	~	AC Random Wound, TEFC, 100HP, 460v, 3 phase, 900 RPM, verical Frame L447VP16, ID #PN6122041, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, inverter duty, VPI, dynamically balanced, as per item No.11	\$1,993.50	\$ 1,993.50	\$2,393.28	\$ 2,393.28	\$3,070.50	\$ 3,070.50	0.50
5		AC Random Wound, ODP, 125HP, 460v, 3 phase, 3600 RPM, horizontal Frame 404TS, ID # 099C1365 16K022W45963, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.12	\$1,686.60	\$ 1,686.60	\$1,740.42	\$ 1,740.42	\$2,465.00	\$ 2,465.00	5.00
13	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	AC Random Wound, TEFC, 150HP, 460v, 3 phase, 1800 RPM, horizontal Frame 445TE, ID # C0298028046-001R-01, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.13	\$1,759.50		\$2,187.00	3			3.00
14	~	AC Random Wound, TEFC, 200HP, 460v, 3 phase, 1800 RPM, horizontal Frame 447TS, ID # J0320013401-100R-01, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, VPI, dynamically balanced, as per item No.14	\$2,439.45	\$ 2,439.45	\$2,710.26	\$ 2,710.26	\$3,860.00	\$ 3,860.00	0.00
15	2	AC Random Wound, WP1, 200HP, 460v, 3 phase, 1200 RPM, verical Frame 5006P, ID # B07695313R-A1 inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.15	\$2,667.60	\$ 5,335.20	\$3,201.12	\$ 6,402.24	\$4,848.50	\$ 9,697.00	7.00
9	~	AC Random Wound, ODP, 250HP, 460v, 3 phase, 1800 RPM, verticalFrame 445VP, ID # C0297033996-001R-01, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.16	\$2,702.70	\$ 2,702.70	\$2,633.04	\$ 2,633.04	\$3,986.00	\$ 3,986.00	6.00

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		Bid Title: Electric Motor & Pump Repair			TABULAT	<b>TABULATION SHEET</b>		
		Bid No.: 12(27)12-13-12-19-H						
				CONDO		DONE RITE		TAW
Item	Est.		Unit	Extended	Unit	Extended	Unit	Extended
No.	Qty.	DESCRIPTION	Price	Total	Price	Total	Price	Total
17	2	AC Random Wound, TEFC, 250HP, 460v, 3 phase, 1200 RPM, vertical Frame 449VP, ID # R0520085485-0001-R-0002, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.17	\$3,406.50	\$ 6,813.00	\$3,534.84	\$ 7,069.68	\$4,873.50	\$ 9,747.00
18	ი	AC Random Wound, TEFC, 350HP, 460v, 3 phase, 1200 RPM, vertical Frame L5011VP24, ID #PN6102005, inverter duty, rewind, clean, dip, and bake, AC stator, two new ball bearings, all tests, VPI, dynamically balanced, as per item No.18	\$3,302.10	\$ 9,906.30	\$4,750.92	\$ 14,252.76	\$6,918.00	\$ 20,754.00
19	<u></u>		\$2,846.70	\$ 2,846.70	\$3,959.28	\$ 3,959.28	\$5,766.50	\$ 5,766.50
20	~	00 RPM, erter ball em	\$3,688.20	\$ 3,688.20	\$5,111.64	\$ 5,111.64	\$7,502.00	\$ 7,502.00
		SUBMERSIBLE PUMP REPAIRS		1				
21	-	l s lty	\$ 377.55	\$ 377.55	\$2,810.00	\$ 2,810.00	\$ 493.50	\$ 493.50
22	ი	10HP, 230v, 3 phase, 1800 RPM, Model #FA10.33w, serial #650050223, rewind, clean, dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller (medium difficulty level)	\$ 440.55	\$ 1,321.65	\$2,885.00	\$ 8,655.00	\$ 583.00	\$ 1,749.00
23	ব	ngs	\$ 570.15	\$ 2,280.60	\$4,786.00	\$ 19,144.00	\$1,226.00	\$ 4,904.00
24	4	25HP, 480v, 3 phase, 1800 RPM, Model #FA1566e, serial #650065305, rewind, clean, dip and bake, replace 2 bearings and seal, all tests, balance rotor & impeller (medium difficulty level)	\$ 643.95	\$ 2,575.80	\$4,352.00	\$ 17,408.00	\$ 894.50	\$ 3,578.00

	Bid Title: Electric Motor & Pump Repair			<b>TABULAT</b>	<b>TABULATION SHEET</b>			
	Bid No.: 12(27)12-13-12-19-H							
			CONDO		DONE			TAN
Item E	Est.	Unit	Extended	Unit	Extended	Unit		Extended
No. G	Qty. DESCRIPTION	Price	Total	Price	Total	Price		Total
	56 HP, 480v, 3 phase, 1800 RPM, Model #FA15.96, serial #496228, rewind, clean, dip and bake, replace 2 bearings							3
25	1 overloads, machine seal seat surface (medium difficulty level)	\$1,755.00	\$ 1,755.00	\$9,195.00	\$ 9,195.00	\$1,836.00	\$	1,836.00
	EMERGENCY SERVICE							
	Labor hours for mechanic/machinists, in shop or on-site all							
26	50 hours, for machine work, not specified in Vaughen's	\$ 45.00	ω	\$ 60.00	\$ 3,000.00	\$ 50.00	69	2,500.00
27	20 Crane Service, with operator.	\$ 105.00	\$ 2,100.00	\$ 40.00	\$ 800.00	\$ 40.00	€9	800.00
28	5 Mobilization Charge.	\$ 262.50			۰ ج		φ	•
29	20  Crane Service, 80 ton crane with 150 foot boom with operator.	\$ 205.00	\$ 4,100.00	\$ 225.00	\$ 4,500.00	\$ 55.00	Ś	1,100.00
30	6 Mobilization Charge	\$ 512.50	\$ 3,075.00	\$1,200.00	\$ 7,200.00		Ś	1
	Estimate for parts not furnished under Specifications on a "Pass		2					
31	1 Through" basis		\$ 50,000.00		\$ 50,000.00		69	50,000.00
	TOTAL: (Items 1 - 31)		\$123,245.05		\$ 186,914.22		\$	\$ 155,813.50