

CITY OF MIAMI BEACH

CITY HALL 1700 CONVENTION CENTER DRIVE MIAMI BEACH, FLORIDA 33139
www.miamibeachfl.gov



COMMISSION MEMORANDUM

To: Mayor David Dermer and
Members of the City Commission

Date: February 4, 2004

From: Jorge M. Gonzalez
City Manager

A handwritten signature in black ink, appearing to read 'Jorge', written over the printed name of the City Manager.

Subject: **REQUEST FOR APPROVAL TO AWARD CONTRACTS TO CONDO ELECTRIC MOTOR REPAIR INC, AND TAW MIAMI SERVICE CENTER., PURSUANT TO INVITATION TO BID NO. 47-02/03 FOR THE ELECTRIC MOTOR REWIND AND REPAIR SERVICES IN THE ESTIMATED ANNUAL AMOUNT OF \$300,000.**

ADMINISTRATION RECOMMENDATION

Approve the Award.

FUNDING

	Funding is available from the following Public Works Account Numbers:
\$75,000	Account No. 425.0410.000.342
\$100,000	Account No. 425.0420.000.342
\$125,000	Account No. 191.4400.000.481

ANALYSIS

The purpose of this Invitation to Bid No. 47-02/03 (the "Bid") is to establish a contract, by means of sealed bids, to the lowest and best bidder(s) for the electric motor rewind and repair services, on an as needed basis.

The work specified in the Bid consists of furnishing all labor, machinery, tools, means of transportation, supplies, equipment, materials and services necessary for the repair and replacement of various types of electric motors on an as-needed basis. The repair services to be provided are the rewinding of stators and rotors, replacements of bearings and seals, complete motor repair, rewinding of transformers, machining, crane services, and additional services when required. Additionally, the Bid Specifications allows for the acquisition of new motors, the purchase of repair or replacement of parts, and repair services in the field or in the bidders' shop, as determined by the City.

The Bid was issued on August 18, 2003, with an opening date of September 19, 2003. A pre-bid conference was held on August 27, 2003. BidNet® issued bid notices to 10 prospective bidders, resulting in six (6) vendors requesting bid packages, which resulted in the receipt of two (2) responsive bids, and four (4) non-responsive bids.

ANALYSIS (cont.)

As part of the Bid requirements, bidders were required to comply with a minimum qualifications requirement that required their shops to meet or exceed the minimum industry standards. This resulted in the following 2 bidders meeting all necessary qualification requirements:

- 1) Condo Electric Motor Repair, Inc.
- 2) TAW Miami Service Center

These qualified bidders will be required to provide quotes for each motor for rewind and/or repair, on an as needed basis. Each work order will be awarded to the bidders' that provides the lowest and best quote.

All Public Works motors are Underwriters Laboratories (UL), and must be repaired by an approved UL certified shop. The following bidders were deemed non-responsive for not being UL certified:

- 1) FGM Electric Co.
- 2) Miami Industrial Motor Inc.
- 3) TAC Armature and Pumps.

In addition to the three (3) firms listed above, Electrix USA, Inc. was deemed non-responsive, for not meeting the warranty requirement of Section 2.17, entitled "Warranty", which states that the successful bidder will be required to warranty all work performed for a minimum of 1 year. Additionally, minimum specification Number 17, requires that the warranty shall include all labor for a minimum of 1 year from the date of installation.

The tabulated results of the responsive bidders are attached (**See Attachment #1**) with the not to exceed hourly labor rates of the various types of repair required (**See Attachment #2**). Historically, on the open-market (without formal competitive bidding), the City has paid labor rates between \$22.00 and \$24.00 per hour.

References have been checked by Procurement staff, Condo Electric Motor Repair, Inc, and TAW Miami Service Center, both came highly recommended. Pursuant to the reference checks, the information provided indicates that these Companies provide quality work and completes all jobs within the required completion dates.

Public Works conducted a site visit to Condo Electric Motor Repair, Inc, and TAW Miami Service Center to **ensure compliance** with the minimum qualification requirements as stated in the Bid, and determined that the 2 bidders met the minimum qualification requirements.

The contract term will become effective upon execution of contract book, and will expire on December 31, 2004. Provided bidders will agree to maintain the same price, terms and conditions of the current contract, the contracts may be extended for an additional two (2) years, on a year-to-year basis.

CONCLUSION

The Administration recommends that contracts be awarded to Condo Electric Motor Repair Inc., and TAW Miami Service Center, pursuant to Bid No. 47-02/03, for the electric motor rewind and repair services in the estimated annual amount of \$300,000.

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**ATTACHMENT No.1
 PRE QUALIFICATION OF SHOP**

PRE QUALIFICATIONS OF SHOPS

PRE QUALIFICATION REQUIREMENT FOR SHOPS.	Condo Electric Motor Repair, Inc.	FGM Electric Co.	TAW Miami Service Center	Miami Industrial Motor Inc.	Electrix USA, Inc.	TAC Armature and Pumps.
Ability to trace, monitors, and log all repair work.	yes	yes	yes	yes	yes	yes
Bearings used shall be FAG or SKF only.	yes	yes	yes	yes	yes	yes
VPI required on form coil jobs.	yes	yes	yes	yes	yes	yes
Magnet wire type inverter rated wire	yes	yes	yes	yes	yes	yes
Varnish to be solvent free UL (United Listing) approved	yes	yes	yes	no	yes	yes
Motor shop must be UL (United Listing) certified.	yes	no	yes	no	yes	no
2300/4160-volt test panel on site.	yes	yes	yes	no	yes	yes
Motor shop must have Department Environmental Regulation Management (DERM) certified paint booth	yes	yes	yes	no	yes	yes
Motor shop must have DERM certificated pollution control	yes	yes	yes	yes	yes	yes
Motor shop must have DERM certificated wastewater treatment	yes	yes	yes	yes	yes	yes

PRE QUALIFICATION OF SHOP Cont.

PRE QUALIFICATION REQUIREMENT FOR SHOPS.	Condo Electric Motor Repair, Inc.	FGM Electric Co.	TAW Miami Service Center	Miami Industrial Motor Inc.	Electrix USA, Inc.	TAC Armature and Pumps.
Fully enclosed dust free sand blast facilities with minimum of 350 cubic	yes	yes	yes	yes	yes	yes
Rewind area must be a clean air-conditioned/good ventilated environment.	yes	yes	yes	yes	yes	yes
All machines welding must be TIG or spray welding	yes	yes	yes	yes	yes	yes
Must have a lathe with at least 48" swing 120" between center.	yes	yes	yes	yes	yes	yes
One year past history of varnish test certificates on file	yes	yes	yes	yes	yes	yes
Motor shop must have dynamic balance and trim balance capabilities	yes	yes	yes	yes	yes	yes

The listed Bidders certified their shops with the understanding that the **City reserves the right to visit and inspect their facility to ensure compliance** with the minimum requirement as stated herein the Bid

ATTACHMENT No.2

COST NOT TO EXCEED TABULATION SHEETS.

Repair Required	Condo Electric Motor Repair, Inc.	FGM Electric Co.	TAW Miami Service Center	Miami Industrial Motor Inc.	Electrix USA, Inc.	TAC Armature and Pumps.
Dismantle, Inspect & clean all Parts	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Brushers	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Brush-Holder	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Insulator Bars	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Thermal-Overloads	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Heater	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Shaft	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Bearing Journals	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Key-ways	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
End Bells	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Replace Slip-rings	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Repair Slip-rings	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Bearing (Roller-Ball)	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Babbitt Bearings	\$11.50 / hr.	\$18.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Electrical Wiring	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Rewind Rotor	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Rewind Stator	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Coils	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Balance Rotor	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Balance Rotor & Armature	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Bake & Dip	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.

COST NOT TO EXCEED TABULATION SHEETS Cont.

Repair Required	Condo Electric Motor Repair, Inc.	FGM Electric Co.	TAW Miami Service Center	Miami Industrial Motor Inc.	Electrix USA, Inc.	TAC Armature and Pumps.
Assemble, Test and Refinish Unit	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
New Falk Coupling (Type)	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Overhead Bride, 1 to 5 tons	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Floor Crane	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Horizontal/Vertical presses, 5 to 120 tons	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Lathes, 24 to 72 inches swing	\$11.50 / hr.	\$18.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Dynamic Bal. machines, 0 to 12,000#s	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Wire and/or power gun metalizing equipment	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Milling Machines 6ft minimum	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Heliarc & Tig Welding equipment	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Bearing Heater 5 to 15 inches	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Bearing Pullers, Hydraulic to 40 tons	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Portable Balancers	\$11.50 / hr.	\$17.00 / hr.	\$15.00 / hr.	N/A	\$45.00 / hr.	\$50.00 / hr.
Vibration Testers	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Laser Aligners	\$11.50 / hr.	N/A	\$15.00 / hr.	N/A	\$90.00 / hr.	\$50.00 / hr.
Sandblasting Cabinets	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Water Blasting Machines	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Facilities to produce Form Wound Coils	\$11.50 / hr.	N/A	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	N/A
Air Conditioned isolated area for rewinding	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	N/A	\$45.00 / hr.	\$50.00 / hr.

COST NOT TO EXCEED TABULATION SHEETS Cont.

Repair Required	Condo Electric Motor Repair, Inc.	FGM Electric Co.	TAW Miami Service Center	Miami Industrial Motor Inc.	**Electrix USA, Inc.	TAC Armature and Pumps.
Painting (see #14 of section 3.0)	\$11.50 / hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Other repairs will be negotiated.	X	X	X	X	X	X
Emergency Service Cost (See #6 of section 3.0)	\$12.95 / hr.	\$20.00 / hr.	\$22.00 / hr.	\$52.50 / hr.	\$75.00 / hr.	\$75.00 / hr.
Over time cost (Section 2.16)	\$12.95 / hr.	\$20.00 / hr.	\$22.00 / hr.	\$70.00 / hr.	\$75.00 / hr.	\$75.00 / hr.
Crane Service	\$85.00/hr	\$120.00 / hr.	\$65.00 / hr.	\$150.00 / hr.	\$106.00	\$75.00
Crane Service for four (4) hours (See #8 of section 3.0) flat fee	\$340.00	\$480.00	\$260.00	\$450.00	\$424.00	\$200.00
Regular hourly rate for machine work (See #7 of section 3.0)	\$11.50 / hr	\$18.00 / hr.	\$15.00 / hr.	\$45.00 / hr.	\$65.00 / hr.	\$50.00 / hr.
Hourly labor rate for repairs (in accordance with Section 2.16 of the Special Conditions)	\$11.50/hr.	\$15.00 / hr.	\$15.00 / hr.	\$35.00 / hr.	\$45.00 / hr.	\$50.00 / hr.
Delivery Days	1 to 3 days	4 days	5 days	N/A	N/A	5 days
Warranty Years for Parts (Page 33). (A minimum of one year warranty)	1 year	1 year	1 year	1 year	1 year	1 year
Warranty Years for Labor (Section 2.17). (A minimum of one year warranty)	1 year	1 year	1 year	1 year	1 year	1 year

- The Prices on this tabulation are "Cost not to exceed".
- THE CITY HAS THE OPTION TO NEGOTIATE ALL OF THE ABOVE COSTS.
- An "X" indicates an acceptance to negotiate other repairs not listed.
- **Electrix USA, Inc will provide 90 days on recondition motor on both warranties for parts and labor.