

**CITY OF MIAMI BEACH
COMMISSION ITEM SUMMARY**



Condensed Title:

Request for Approval to Award a Contract to Ditch Witch of Central and South Florida, in the Amount of \$50,296.37, Pursuant to Invitation to Bid No. 42-02/03, for the Purchase and Delivery of a Trencher for the Public Works Department.

Issue:

Whether to award a contract to Ditch Witch of Central and South Florida, pursuant to Bid No. 42-02/03?

Item Summary/Recommendation:

The City had previously issued Invitation to Bid No. 78-01/02 for the purchase of a Trencher. However, only one bid was received from Vermeer Southeast Sales and Services Inc. ("Vermeer") for \$57,100 which included a one (1) year extended warranty. Based on the fact that only one bid was received as a result of specifications that may have restricted competition, the City Manager exercised his authority to reject the sole bid received.

By re-bidding this purchase with revised specifications, the City received two bids, and realized a savings of almost \$7,000, and will receive a better extended warranty than the one previously proposed by Vermeer.

The Public Works Department is currently renting a Ditch Witch, Model # 4010 Trencher, from Poes Tool & Equipment Rental Inc., at an estimated annual cost of \$77,760.

It is in the City's best interest to purchase its own trencher at a cost of \$48,947.93, which includes a major component limited warranty beginning on date of delivery for a period of 1000 hours of use or one year, whichever occurs first. There is a one (1) year extended warranty at a cost of \$1,348.44, which includes parts and labor on the major components of the trencher for a grand total of **\$50,296.37**.

Advisory Board Recommendation:

N/A

Financial Information:

Source of Funds:		Amount	Account	Approved
<div style="border: 1px solid black; width: 50px; height: 50px; display: inline-block;"></div> Finance Dept.	1	\$50,296.37	510.1780.000.673	
	2			
	3			
	4			
	Total			

City Clerk's Office Legislative Tracking:

Fred Beckmann

Sign-Offs:

Department Director	Assistant City Manager	City Manager
FB:	RCM:	JMG:

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AGENDA ITEM C2A

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: July 30, 2003

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 A CONTRACT TO DITCH WITCH OF CENTRAL AND SOUTH FLORIDA INC., IN THE AMOUNT OF \$50,296.37, PURSUANT TO INVITATION TO BID NO. 42-02/03, FOR THE PURCHASE AND DELIVERY OF A TRENCHER FOR THE PUBLIC WORKS DEPARTMENT.**

ADMINISTRATION RECOMMENDATION

Approve the award.

FUNDING

\$50,296.37 Funding is available from the Fleet Management Division
Account No. 510.1780.000.673

ANALYSIS

Invitation to Bid No. 42-02/03 (the "Bid") is for the purchase and delivery of a trencher. The trencher will be used by the Street Lighting Division under Public Works Department for the repair and replacement of all underground conduits in the City's street lighting system. The Bid for the trencher was issued with required minimum specifications, which included a combination of performance and design specifications in order to meet the required work for the repair and replacement of all possible underground conduit work within the City of Miami Beach. **(See Attachment #1)**

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Commission Memorandum
Bid No. 42-02/03
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It is in the City's best interest to purchase its own trencher at a cost of \$48,947.93, which includes a major component limited warranty beginning on date of delivery for a period of 1000 hours of use or one year, whichever occurs first. There is a one (1) year extended warranty at a cost of \$1,348.44, for a grand total of **\$50,296.37**.

The Bid was issued on May 19, 2003, with opening date of June 30, 2003. A pre-bid conference was held on June 13, 2003. BidNet issued 8 notices to prospective bidders which resulted in the receipt of two (2) bids from the following bidders:

- 1) Ditch Witch of Central and South Florida.
- 2) Vermeer Southeast Sales & Service, Inc.

BID TABULATION

DITCH WITCH OF CENTRAL & SOUTH FLORIDA	VERMEER SOUTHEAST SALES & SERVICE
MFG: DITCH WITCH	MFG: VERMEER
MODEL #: RT70H	MODEL #: RT700
DELIVERY: 30 DAYS ARO	DELIVERY: 30-60 DAYS ARO
WARRANTY: 1 YEAR OR 1000 HOURS	WARRANTY: 1 YEAR OR 1000 HOURS
TOTAL: \$48,947.93	TOTAL: \$57,100
EXTENDED WARRANTY: \$1,348.44 (INCLUDES PARTS AND LABOR)	EXTENDED WARRANTY: \$1,363.00 (INCLUDES PARTS ONLY)
GRAND TOTAL: \$50,296.37	GRAND TOTAL: \$58,463

CONCLUSION

The Administration recommends that the contract be awarded to the lowest and best bidder, Ditch Witch of Central and South Florida Inc. in the amount of \$50,296.37, pursuant to Bid No. 42-02/03, for the purchase and delivery of a trencher for the Public Works Department.

**PURCHASE AND DELIVERY OF A TRENCHER
BID #42-02/03**

3.0 MINIMUM SPECIFICATIONS

Purpose and Necessity

The trencher is to be used by the Street Lighting Division for the repair and replacement of all underground conduct in the City's street lighting system. The trencher:

1. Must be capable of cutting through a minimum of 4 inches of asphalt combined with a minimum of 12" of compacted lime rock in a smooth and efficient manner and without undue stress on the machine.
2. Trencher attachment shall be of a chain type with a tooth pattern that will provide as little kickback as possible in the aforementioned material.
3. Trencher must produce a minimum depth of 48 inches and minimum trench width of 8 inches.
4. A strongly desired option: Auxiliary hydraulic hand tool connection (if possible)
5. Equipment shall **meet the specification or equal** as it will be used daily in often adverse/weather conditions.

Minimum Specifications

General

Specifications:

- riding unit
- 70 horsepower class **minimum**
- four wheel hydrostatic ground drive
- hydrostatic attachment drive
- rubber tires
- shall be delivered with an operator's manual, a service and repair manual, and a parts manual.
- Shall have warning light or gauge to monitor fuel level, engine oil pressure, charging volts or amps, engine temp and hydraulic oil temp, to include and audible alarm or automatic shut down system.
- Shall include training of a minimum of 2 hours for a minimum of 4 City of Miami Beach employees.
- Shall include an hour meter on driver's console.

ATTACHMENT #1
BID #42-02/03 – SPECIFICATIONS
PAGE 2 OF 3

Engine

Specifications:

- liquid cooled
- shall have cold start assist system.
- At least 70 horsepower.
- Neutral safety start switch on attachment drive to ensure engine won't start if attachment is engaged or similar

Controls

Specifications:

- Located conveniently for operator accessibility and safety preferably near operator's seat
- Rear attachment controls & operator's seat to swivel 90-180 degrees for safety purposes
- Operator's seat to slide backward/forward and should be able to accommodate various sized operators.
- Must be equipped with automotive alarming system such as horn.

Hydraulic System

Specifications:

- Tractor to have oil cooler and hydraulic oil reservoir
- Tank must be visible externally (i.e. glass or similar) for checking hydraulic oil
- Hot oil shuttle that pulls hot oil from system to re-circulate oil thru oil cooler, reservoir, and filter cooling and cleaning the oil.

Backfill Blade

Specifications:

- Six-way hydraulic backfill blade controlled by operator's station.

Brakes

Specification:

- Foot operated service brake for normal braking
- Shall have mechanical parking brake

Ground Drive

Specifications:

- Trench or transporting through hydrostatic drive with infinitely variable speed control forward and reverse.
- Two-speed gearbox and two-speed ground drive motor for four different ground drive speeds or similar alternative.
- Creep switches and foot pedal with creep override

ATTACHMENT #1
BID #42-02/03 – SPECIFICATIONS
PAGE 3 OF 3

Attachment Drive

Specifications:

- hydrostatic pump with infinitely variable speed control

Trencher Attachment

Specifications:

- Digging attachment capable of digging 8 inches wide and 48 inches deep.
- Adjustable digging chain tension by means of positive boom adjustment bolt located outside of boom tube.

Trencher Chain

Specifications:

- Digging chain with tensile strength of 97,000 lbs minimum.

Trencher Teeth

Specifications:

- made of steel (or equal alloy)
- bolt-on adapters using rock/frost type bit with carbide insert.

The manufacturer or distributor shall ensure the equipment offered for consideration will perform the job/tasks indicated above under “**Purpose and Necessity**”.