

**CITY OF MIAMI BEACH
COMMISSION ITEM SUMMARY**



Condensed Title:

Acceptance of the Manager's Recommendation Relative to the Ranking of Firms Pursuant to RFP No. 64-02/03 for the Infrastructure Management System (IMS) for the City of Miami Beach.

Issue:

Shall the Commission approve the Manager's recommendation relative to the rankings of firms and authorize negotiation with the top ranked firm of Camp Dresser and McKee (CDM)?

Item Summary/Recommendation:

At the present time, the Public Works Department does not have a computerized public works management system to manage functions such as: infrastructure asset management, service request management, work order management, and GIS implementation.

Prospective Consultants / Vendors were asked to submit proposals for a complete suite of infrastructure management application software; and for the procedures and costs of the data conversion. Proposals were to include specifications for all software, hardware and training and services.

On November 14, 2003, the Procurement Division received 6 responses of this RFP. Two of the six responses were deemed non-responsive; they did not include the demonstration compact disk that was requested by Addendum # 4. The non-responsive Consultants were: TRDI and CADD Centers of Florida.

Responsive Consultants who provided RFP's included:

- Camp Dresser and McKee (CDM)
- GBA Master Series, Inc.
- Hansen
- Woolpert LLP

The Evaluation Committee convened on four separate occasions to evaluate the four responsive Consultants as to their qualifications and software demonstration. After reviewing all proposals and demonstration the committee ranked the firms as follows:

- First: Camp Dresser and McKee (CDM)
- Second: Woolpert LLP.
- Third: Hansen
- Fourth: GBA Master Series, Inc.

The Administration recommends approval of the Manager's recommendation relative to the ranking of firms and authorize negotiations with Camp Dresser and McKee.

Advisory Board Recommendation:

N/A

Financial Information:

Source of Funds:	Amount	Account	Approved

City Clerk's Office Legislative Tracking:

Bob Halfhill, Assistant Public Works Director

Sign-Offs:

Department Director	Assistant City Manager	City Manager

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AGENDA ITEM C70
DATE 2-25-04

CITY OF MIAMI BEACH

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COMMISSION MEMORANDUM

To: Mayor David Dermer and
Members of the City Commission

Date: February 25, 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: **A RESOLUTION OF THE MAYOR AND THE CITY COMMISSION OF THE CITY OF MIAMI BEACH ACCEPTING THE RECOMMENDATION OF THE CITY MANAGER PERTAINING TO THE RANKING OF QUALIFICATIONS RECEIVED PURSUANT TO REQUEST FOR PROPOSALS (RFP) NO. 64-02/03 FOR INFRASTRUCTURE MANAGEMENT SYSTEM (IMS) FOR THE CITY OF MIAMI BEACH; AUTHORIZING THE ADMINISTRATION TO ENTER INTO NEGOTIATIONS WITH THE TOP-RANKED FIRM OF CAMP DRESSER AND MCKEE (CDM), AND SHOULD THE ADMINISTRATION NOT BE ABLE TO NEGOTIATE AN AGREEMENT WITH THE TOP RANKED FIRM; AUTHORIZING THE ADMINISTRATION TO NEGOTIATE WITH THE SECOND-RANKED FIRM OF WOOLPERT LLP.**

ADMINISTRATIVE RECOMMENDATION

Adopt the Resolution.

ANALYSIS

The Public Works Department does not have a computerized public works management system to manage functions such as: infrastructure asset management, service request management, work order management, and GIS implementation.

The Public Works Department has been working closely with the Information Technology Department towards identifying the software requirements which will combine the above functions resulting in a better, streamlined, more efficient operation of Public Works facilities and that will improve customer service.

The proposed Infrastructure Management System will provide integrated software applications to enhance the inventory, management and maintenance of all public works assets such as: water, sewer, storm water, streets, streetlights, street furniture and equipment.

The IMS system will include the following:

Infrastructure Asset Management

Inventory Condition Assessment
Schedule Maintenance
Scheduled Inspections
System Analysis

Service Request Management

Customer Complaint Tracking
Service Order Generation

Work Order Management

Work Order Generation
Work Order Scheduling
Warehouse (Parts and Materials) Inventory

Prospective Consultants / Vendors were asked to submit proposals for a complete suite of infrastructure management application software; and for the procedures and costs of the data conversion. Proposals were to include specifications for all software, hardware and training and services. Additionally, the Consultant / Vendor would be responsible for the correct recording and placement of all features and attributes.

On January 8, 2003, the Public Works Department requested authorization from the City Commission to issue a Request for Proposal (RFP) to secure a Consultant that would provide the complete Infrastructure Management System. During the time that the Commission approved the issuance of this RFP, and the actual date it was issued, the Public Works Department and IT provided in-depth research on the required software and hardware to support the IMS initiative.

This RFP was issued to BidNet on August 27, 2003 with an RFP opening date of November 14, 2003. BidNet in turn contacted 70 vendors, of which 59 downloaded the RFP package. A Pre-Proposal conference was held on September 19, 2003, Consultants were briefed on all documentation that needed to be submitted with the response. Additionally, they were informed on the scope of service and the weight criteria to be used by the Evaluation Committee for this project.

On November 14, 2003, the Procurement Division received 6 responses of this RFP. Two of the six responses were deemed non-responsive; they did not include the demonstration compact disk that was requested by Addendum # 4. The non-responsive Consultants were: TRDI and CADD Centers of Florida.

Responsive Consultants who provided RFP's included:

Camp Dresser and McKee (CDM)
GBA Master Series, Inc.
Hansen
Woolpert LLP

The City Manager via Letter to Commission (LTC) No. 283-2004, appointed an Evaluation Committee ("the Committee") consisting of the following individuals:

- Robert Halfhill, Project Administrator
- Larry Kientz, Information Technology Specialist III
- Leonardo Francis, Project Coordinator
- Kee Eng, Assistant Public Works Director, City of Hollywood
- Evette Reyes, Information Technology, GIS Specialist
- James Watts, Public Works Director, City of Sunny Isles Beach
- Philip Cousins, Miami Beach Citizen
- Autumn Moore, Miami Beach Citizen

On January 12, 2004, the Committee convened and was provided with the project overview and background information by Mr. Leonardo Francis, Project Coordinator. Committee member, Larry Kientz, was unable to attend this or any other Committee Meeting and was replaced by an alternate, Gary Kokorian, P.E., Engineer III. Additionally, Committee Member, James Watts was unable to attend any of the meetings. During the first Evaluation Committee meeting, the Committee reviewed references secured by the Procurement staff. The evaluation criteria listed below was explained, discussed and used to evaluate and rank the respondents:

- Quality of Proposed Approach
- Ability to Perform
- Workload
- Past Performance
- Applications Software
- Performance through the demonstration project
- Cost

A listing of the evaluation criteria, with weights, is attached.

Consensus at the end of the meeting was to invite all 4 firms to provide a 1.5 hour demonstration project, with a 30 minute qualifications presentation followed by one hour of question and answer session. The Procurement staff coordinated and scheduled presentations, one presentation per day per company.

The Consultants provided their demonstration/presentation on the following dates:
Friday, January 23, 2004 – Camp Dresser and McKee (CDM)
Wednesday, January 28, 2004 – GBA Master Series, Inc.
Thursday, January 29, 2004 – Hansen
Friday, January 30, 2004 – Woolpert LLP

The Committee reconvened on Monday, February 2, 2004 to deliberate and rank the Consultants. During deliberations, the Committee members discussed their individual ranking of the seven firms and arrived at the following Committee ranking:

	Bob Halfhill	Autumn Moore	Leonardo Francis	Phillip Cousins	Evette Reyes	Kee Eng	Gary Kokorian
CDM	465 (1)	490 (1)	435 (1)	380 (2)	460 (1)	485 (2)	415 (1)
WOOLPERT	420 (2)	415 (2)	425 (2)	405 (1)	450 (2)	500 (1)	400 (2)
HANSEN	350 (3)	300 (3)	300 (4)	350 (3)	350 (3)	400 (3)	335 (4)
GBA	305 (4)	150 (4)	390 (3)	340 (4)	340(4)	365 (4)	390 (3)

CDM - 5-1st Place Votes (5x1= 5)
2-2nd Place Votes (2x2=4)

Score: 9

WOOLPERT- 2-1st Place Votes (2x1=2)
5-2nd Place Votes (5x2=10)

Score 12

HANSEN - 5-3rd Place Votes (5x3=15)
2-4th Place Votes (2x4=8)

Score 23

GBA - 2-3rd Place Votes (2x3=6)
5-4th Place Votes (5x4=20)

Score 26

LEGEND:

First: Camp Dresser and McKee (CDM)
Second: Woolpert LLP.
Third: Hansen
Fourth: GBA Master Series, Inc.

Camp Dresser and McKee (CDM) was deemed to be the first ranked firm based on the experience and qualifications of their team, which consisted of the following Consultants:

Azteca Systems, Inc. - is the recognized leader in providing Enterprise-GIS Asset Maintenance Management and CMMS software for the Public Works Department.

CHS S.A. - in business since 1993, CHS S.A. specializes in municipal civil engineering and consulting services. CHS has a quality management system in accordance with ISO 9001-2000 and approved by Bureau Verities Quality International (Bevin). CHS will provide service for the following market applications:

- Digital Mapping Services
- Software Design and Development

ESRI - provides support to municipal agencies by designing, developing and implementing geographic-based information management systems. The firm is the largest and most experienced GIS organization in the world, bringing experience, state-of-the-art technology, and a history of success in working with thousands of private enterprises, local governments, and utility GIS users around the world.

IDAS - specializes in Geographic Information Systems (GIS) and Document Management software, training, technical support and implementation consulting services.

The following are references secured by the Procurement staff in reference to CRM's past performance on similar projects:

Angelo Marino
Chief Assessor/GIS Coordinator
City of Nashua, New Hampshire

"CDM has provided excellent quality work for all of the projects they have been awarded. I am extremely confident in the quality and performance that I have an open ended contract for future projects as the need arises. You will not be disappointed with any project that they are awarded."

Michael R. O'Brien
GIS Coordinator
City of Auburn, Maine

"CDM bends over backward to provide the City of Auburn with quality services in the on-going development and maintenance of our GIS. Auburn has been associated with CDM for over 9 years and they continue to be accessible and exceptionally responsive to our changing needs. CDM delivers on-time and at a reasonable cost. I highly recommend CDM to assist you with your project"

Peter L. Bityou
 Water Operations Engineer
 Elgin, Illinois

“Camp Dresser & McKee (CDM) was hired on December 17, 1997 to develop City of Elgin's Water Department Geographic Information System (GIS). Since then CDM was hired by the City of Elgin to perform additional work in relation to updating water GIS, prototype & field portable maintenance information system, developed data maintenance tools & processes, assisted the City in selection and implementation of work order management system, process & implementation of water service connection locations to GIS database, creation of water service connection card program, and provided training for City's staff. Since CDM has a successful track record with the City of Elgin, CDM will deserve our consideration in our future projects.”

Mr. Daniel Nvule
 Massachusetts Water Resources Authority

“We have had 3 GIS/Database contracts with CDM. The one I have described above was the last one. I found CDM's staff to be very responsive to our needs and they also produced high quality work in a timely fashion.”

Below is a draft summary for the breakdown of costs prepared from the proposal, presented by CDM. These costs may vary after contract negotiations.

Cost Quotations Summary (IMS RFP 64-02/03)	CDM
Appendix IV: Data Conversion Costs	\$472,631
Appendix V: Software Training & Education Cost	\$119,700
Appendix VI: Software Installation Cost	\$203,482
Appendix VII: Application Software License Fees & Modification Cost Summary form	\$76,395
Appendix VIII: Application Software Annual Maintenance Fee summary form	\$16,807
	annual fee is 22% of software cost
TOTAL	\$889,015

Note: For uniform comparison, the maximum number of licenses (20 seats) requested in the proposal were used to do the cost summary calculations.

COST

The consultant (CDM) has provided, in their proposal, a preliminary schedule indicating that complete implementation will take a little under 2 years (March 2004 to Dec 2005).

The additional costs, such as, user hardware upgrades, purchase of server hardware, management of the MS Sequel Server database system, purchase of additional ArcGIS software licenses, and additional operations and management staffing for system's support are yet to be determined. There may be other costs associated with any additional Optional Functions the City may want to add to the system. Many of these costs will be finalized after contract negotiations are completed and/or after the end of Phase I - Initial Data Conversion and implementation.

CONCLUSION

The Administration recommends that the Mayor and City Commission adopt the attached resolution which accepts the City Manager's recommendation, and authorizes the Administration to enter into negotiations with the top-ranked firm of Camp Dresser and McKee (CDM), and should the Administration not be able to negotiate an agreement with the top ranked firm; authorizing the Administration to negotiate with second-ranked firm of Woolpert LLP.