



MEMORANDUM

GOE
AGENDA ITEM NO. 3 (U)

TO: Honorable Chairperson and Members
Board of County Commissioners

DATE: May 13, 2003

FROM: Steve Shiver
County Manager

SUBJECT: Request for Approval to
Advertise for Membrane Element
Manufacturers for the South
Miami Heights Water Treatment
Plant
RFQ No. 55

It is recommended that the Board approve this Request for Qualifications (RFQ) for Membrane Element Manufacturers for the South Miami Heights Water Treatment Plant attached in substantially completed form and prepared by the Department of Procurement Management for the Miami-Dade Water and Sewer Department.

RFP TITLE: Membrane Element Manufacturers for the South Miami Heights Water Treatment Plant

RFQ NO: 55

RFP DESCRIPTION: Miami-Dade County through the Miami-Dade Water and Sewer Department (WASD) is in the process of designing a 25 million gallon per day (mgd) water treatment plant using a membrane process for the South Miami-Dade area. The County is interested in receiving qualifications from membrane element manufacturers (MEMs) that meet the qualification criteria outlined in the RFQ. Up to six (6) MEMs that meet the qualification requirements of this solicitation will be invited to submit one set of their membrane elements for performance testing during a County's pilot testing period. Testing will be performed by Camp, Dresser & McKee, Inc., the County construction consultant.

Up to six (6) MEMs that demonstrate satisfactory compliance with the performance criteria during the testing period will be "pre-approved" for competitive bidding as part of the water plant construction contract.

This RFQ will serve only as a pre-qualification instrument.

TERM: One (1) year

FUNDING SOURCE: The purpose of this RFQ is to pre-qualify proposers only. There is, therefore, no funding source.

COST ESTIMATE: None

USING/ MANAGING AGENCY: Water and Sewer Department

CONTRACT MEASURES: None

EST. ADVERTISEMENT DATE: Ten days after adoption by the BCC, unless vetoed by Mayor.



MEMORANDUM

(Revised)

TO: Honorable Chairperson and Members
Board of County Commissioners

DATE: May 6, 2003

FROM: Robert A. Ginsburg
County Attorney

SUBJECT: Agenda Item No.

Please note any items checked.

- "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)

Approved _____ Mayor Agenda Item No.

Veto

Override

RESOLUTION NO.

RESOLUTION AUTHORIZING THE COUNTY MANAGER TO ADVERTISE A REQUEST FOR QUALIFICATION FOR AND ON BEHALF OF MIAMI-DADE COUNTY TO OBTAIN A POOL OF QUALIFIED MEMBRANE MANUFACTURERS TO SUBMIT ONE SET OF MEMBRANE ELEMENT FOR PERFORMANCE TESTING, TO EXERCISE ANY CANCELLATION AND RE-ADVERTISEMENT PROVISIONS AND TO EXERCISE ALL OTHER RIGHTS CONTAINED THEREIN.
RFQ NO. 55

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board approves the advertisement of Request for Qualification No. 55, in substantially the form attached hereto and made a part hereof; and authorizes the County Manager to advertise same for and on behalf of Miami-Dade County and to exercise any cancellation and re-advertisement provisions and any other rights contained therein.

The foregoing resolution was offered by Commissioner _____, who moved its adoption. The motion was seconded by Commissioner _____ and upon being put to a vote, the vote was as follows:

Bruno A. Barreiro
Jose "Pepe" Diaz
Sally A. Heyman
Jimmy L. Morales
Dorrin D. Rolle
Katy Sorenson

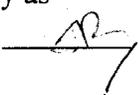
Dr. Barbara Carey-Shuler
Betty T. Ferguson
Joe A. Martinez
Dennis C. Moss
Natacha Seijas
Rebeca Sosa

Sen. Javier D. Souto

The Chairperson thereupon declared the resolution duly passed and adopted this 6th day of May, 2003. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF COUNTY
COMMISSIONERS

HARVEY RUVIN, CLERK

Approved by County Attorney as
to form and legal sufficiency. 

By: _____
Deputy Clerk

REQUEST FOR QUALIFICATIONS
FOR
Membrane Element Manufacturers for the South Miami-Heights Water Treatment Plant
RFQ No. 55

PRE-PROPOSAL CONFERENCE TO BE HELD ON
May 14, 2003 at 10:00 a.m. (Local Time)
at
Miami-Dade Water and Sewer Department
3071 SW 38 Avenue
Miami, Florida 33146

ISSUING DEPARTMENT:
DEPARTMENT OF PROCUREMENT MANAGEMENT
for
Water and Sewer Department

Contracting Officer: Oscar Willumsen, Jr.
Telephone: (305) 375-1416

PROPOSALS ARE DUE AT THE ADDRESS SHOWN BELOW
NO LATER THAN
Friday, May 30, 2003 at 2:00 p.m. (Local Time)
at
CLERK OF THE BOARD
STEPHEN P. CLARK CENTER
111 NW 1st STREET, 17TH FLOOR, SUITE 202
MIAMI, FLORIDA 33128-1983

PROPOSALS WILL BE OPENED PROMPTLY AT THE TIME AND PLACE SPECIFIED. PROPOSALS RECEIVED AFTER THE FIRST PROPOSAL HAS BEEN OPENED WILL NOT BE OPENED AND WILL NOT BE CONSIDERED. THE RESPONSIBILITY FOR SUBMITTING A PROPOSAL TO THE CLERK OF THE BOARD ON OR BEFORE THE STATED TIME AND DATE IS SOLELY AND STRICTLY THE RESPONSIBILITY OF THE PROPOSER. MIAMI-DADE COUNTY IS NOT RESPONSIBLE FOR DELAYS CAUSED BY ANY MAIL, PACKAGE OR COURIER SERVICE, INCLUDING THE U.S. MAIL, OR CAUSED BY ANY OTHER OCCURRENCE.

MIAMI-DADE COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER AND DOES NOT DISCRIMINATE BASED ON AGE, GENDER, RACE OR DISABILITY.

Rev. 2/5/03

TABLE OF CONTENTS

Section

1.0 Overview and Proposal Procedures.....04

2.0 Scope of Services.....16

3.0 Proposal Format.....17

4.0 Evaluation/Selection Process.....20

Attachments.....

Form A-1 Cover Page for Technical Proposal

Form A-2 Affidavit of Miami-Dade County Proposer
Registration for Oral Presentation

Form A-3 Acknowledgment of Addenda

Form A-4 Disability Non-Discrimination Affidavit

Form A-5 Local Preference Information

Form A-7.1 Proposer’s Disclosure of Subcontractors and Suppliers

Form A-7.2 Proposer’s Disclosure of Fair Subcontracting Policies

Form A-8.1 Affirmative Action Plan Exemption Affidavit

Form A-8.2 Affirmative Action Plan/Procurement Policy Affidavit

Form A-10 Miami-Dade County Collection of Taxes, Fees and Parking
Tickets Affidavit

Form A-12 Code of Business Ethics

Form A-13 Domestic Violence Leave Affidavit

Appendix A EPA Primary and Secondary Drinking Water Standards
Table A-1 to Table A-5

DEFINITIONS

The following words and expressions used in this solicitation shall be construed as follows, except when it is clear from the context that another meaning is intended:

- a) The word "Board" to mean Miami-Dade County's Board of County Commissioners.
- b) The word "County" to mean Miami-Dade County, a political subdivision of the State of Florida.
- c) The words "Pool" or "Pool Members" to mean qualified firms selected and awarded contracts as a result of this solicitation.
- d) The words "Proposer", "Submitter" or "Respondent" to mean the person, firm, entity or organization submitting a response to this Solicitation.
- e) The words "Scope of Services" to mean Section 2.0 of this Solicitation, which details the work to be performed by the Contractor or Consultant.
- f) The word "Solicitation" to mean this Request For Proposal (RFP) or Request For Qualification (RFQ) or Request For Information (RFI) document, and all associated addenda and attachments.
- g) The words "Subcontractor" or "Subconsultant" to mean any person, firm, entity or organization, other than the employees of the Contractor, who contracts with the Contractor to furnish labor, or labor and materials, in connection with the Work or Services to the County, whether directly or indirectly, on behalf of the Contractor.
- h) The words "Work", "Services", "Program", "Project" or "Engagement" to mean all matters and things that will be required to be done by the Contractor in accordance with the Scope of

Services and the terms and conditions of this Solicitation.

- i) The words "Work Order" to mean an assignment of work issued by the County to an awardee to perform work specified in the assignment's scope of services.
- j) The words "Work Order Request Solicitation" to mean the solicitation document requesting proposals from Pool Members.

SECTION 1.0 - RFQ OVERVIEW AND PROPOSAL PROCEDURES

1.1 INTRODUCTION/BACKGROUND

Miami-Dade County through the Miami-Dade Water and Sewer Department (WASD) is in the process of designing a 25 million gallon per day (mgd) water treatment plant using a membrane process for the South Miami-Dade area. The County will be testing membrane elements from qualified manufacturers in a pilot test unit which is capable of operation as either a two-stage or three stage unit. A Process and Instrumentation Diagram (P&ID) for the pilot test unit is provided as Figure No. 1. The County is interested in receiving qualifications from membrane element manufacturers (MEMs) that meet the qualification criteria outlined in Section 3.2(3). Up to six (6) MEMs that meet the qualification requirements of this solicitation will be invited to submit one set of their membrane elements for performance testing during a limited period in the County's pilot test unit operating as a two-stage unit. Membrane elements that demonstrate satisfactory compliance with the performance criteria in Table One and Table Two during the pilot testing will be "pre-approved" for competitive bidding as part of the water plant construction contract. Only those membranes that are "pre-approved" by the County will be allowed to bid on the actual water plant construction contract. The attached performance criteria will be finalized by the County after qualifications of MEM's have been evaluated and prior to the start of pilot testing for membrane element pre-approval. This RFQ will serve only as a pre-qualification instrument. The additional testing and bidding will be performed by Camp, Dresser & McKee, Inc., the County's construction consultant.

1.2 RFQ TIMETABLE

The anticipated schedule for this RFQ and contract approval is as follows:

- RFQ available for distribution: May 7, 2003
- Pre-Proposal Conference: May 14, 2003
- Location: Miami-Dade Water and Sewer Department
3071 SW 38 Avenue
Miami, Florida 33146
- Deadline for receipt of questions: May 19, 2003
- Deadline for receipt of proposals: May 30, 2003 at 2:00 P.M. (Local Time)
(See Section 1.4 for location)
- Evaluation/Selection process: Starts the week of June 2, 2003
- Oral presentations, if conducted: Week of T.B.A., if necessary
- Projected Award Notification Date: September 2003
- Projected element submittal: September 2003

1.3 RFQ AVAILABILITY

Copies of this solicitation package can be obtained through Department of Procurement Management - Bids and Contracts Section, 111 NW 1st Street, Suite 2350, Miami, FL 33128-1989 at a cost of \$10.00 for each solicitation package and an additional \$5.00 fee for a request to receive the solicitation package through the United States Postal Service. For your convenience we now accept VISA and MasterCard. To request the solicitation package through the United States Postal Service, mail your request with the following information: the

solicitation number and title, the name of Proposer's contact person, Proposer's name, complete address to be mailed to, telephone number and fax number, along with a \$15.00 check or money order made payable to: Miami-Dade Board of County Commissioners.

Proposers or Respondents who obtain copies of this Solicitation from sources other than the County's Department of Procurement Management's Bids and Contracts Section risk the potential of not receiving addenda, since their names will not be included on the list of firms participating in the process for this particular Solicitation. Such Proposers or Respondents are solely responsible for those risks (**see Section 1.8**)

1.4 PROPOSAL SUBMISSION

All proposals must be submitted on 8 1/2" X 11" paper, neatly typed on one side only, with normal margins, and spacing. The original document package must not be bound and the document package copies should be individually bound. **An unbound one-sided original and 10 bound copies (a total of 11)** of the complete proposal must be received by **the deadline for receipt of proposal specified in this RFQ Timetable (see Section 1.2)**. The original and all ten (10) copies must be submitted in a sealed envelope or container stating on the outside the Proposer's name, address, telephone number, the RFQ number, RFQ title, and Proposal Due Date to:

**Clerk of the Board
Stephen P. Clark Center
111 NW 1st Street, 17th Floor, Suite 202
Miami, FL 33128-1983**

Hand-carried proposals may be delivered to the above address **ONLY** between the hours of 8:00 a.m. and 4:30 p.m., Mondays through Fridays, excluding holidays observed by the County. Proposers are responsible for informing any commercial delivery service, if used, of all delivery requirements and for ensuring that the required address information appears on the outer wrapper or envelope used by such service.

The Technical (Quality) Proposal must be signed by an authorized officer of the Proposer who is legally authorized to enter into a contractual relationship in the name of the Proposer. The submittal of a proposal by a Proposer will be considered by the County as constituting an offer by the Proposer to perform the required services.

1.5 PRE-PROPOSAL CONFERENCE

A pre-proposal conference has been scheduled for **the date, time and place specified in this RFQ Timetable (see Section 1.2)**. Attendance is recommended but not mandatory. Proposers are requested to inform the RFQ Contracting Officer of the number of persons expected to attend no later than 24 hours before the scheduled date. Proposers are encouraged to submit any questions in writing to the RFQ Contracting Officer (**see Section 1.6**) in advance of the pre-proposal conference.

1.6 CONE OF SILENCE

Pursuant to Section 2-11.1(t) of the Miami-Dade County Code, as amended, a "Cone of Silence" is imposed upon each RFP or RFQ after advertisement and terminates at the time the County Manager issues a written recommendation to the Board of County Commissioners. The Cone of Silence **prohibits any communication** regarding RFPs or RFQs between, among others:

- potential proposers, service providers, lobbyists or consultants **and** the County's professional staff including, but not limited to, the County Manager and the County Manager's staff, the Mayor, County Commissioners or their respective staffs;

- the Mayor, County Commissioners or their respective staffs **and** the County's professional staff including, but not limited to, the County Manager and the County Manager's staff; or
- potential proposers, service providers, lobbyists or consultants, any member of the County's professional staff, the Mayor, County Commissioners or their respective staffs **and** any member of the respective selection committee.

The provisions do not apply to, among other communications:

- oral communications with the staff of the Vendor Information Center, the responsible Procurement Agent or Contracting Officer, provided the communication is limited strictly to matters of process or procedure already contained in the solicitation document;
- oral communications at pre-proposal conferences, oral presentations before selection committees, contract negotiations during any duly noticed public meeting, public presentations made to the Board of County Commissioners during any duly noticed public meeting; or
- communications in writing at any time with any county employees, official or member of the Board of County Commissioners unless specifically prohibited by the applicable RFP or RFQ documents.

Proposers must file a copy of any written communications with the Clerk of the Board, which shall be made available to any person upon request. The County shall respond in writing and file a copy with the Clerk of the Board, which shall be made available to any person upon request. Written communications may be in the form of e-mail, with a copy to the Clerk of the Board at CLERKBCC@MIAMIDADE.GOV.

In addition to any other penalties provided by law, violation of the Cone of Silence by any proposer shall render any RFP award or RFQ award voidable. Any person having personal knowledge of a violation of these provisions shall report such violation to the State Attorney and/or may file a complaint with Ethics Commission. Proposers should reference Section 2-11.1(t) of the Miami-Dade County Code for further clarification.

This language is only a summary of the key provisions of the Cone of Silence. Please review Miami-Dade County Administrative Order 3-27 for a complete and thorough description of the Cone of Silence.

All Proposers will be notified in writing when the County Manager makes an award recommendation to the Board of County Commissioners.

The Contracting Officer for this RFP is:

Name and Title: Oscar Willumsen, Jr., Procurement Contracting Officer
Name of Agency: Department of Procurement Management
Address: 111 N.W. 1st Street, 13th Floor
Miami, FL 33128
Telephone: (305) 375-1416
Fax: (305) 375-1083
e-mail: oscwill@miamidade.gov

1.7 CONTRACT MEASURES

Intentionally Left Blank

1.8 ADDITIONAL INFORMATION/ADDENDA

Requests for additional information or clarifications must be made in writing and received by the County's Contracting Officer for this RFQ, in accordance with **Section 1.6** above, no later than the deadline for receipt of questions specified in the RFQ Timetable (**see Section 1.2**). The request must contain the RFQ number and title, Proposer's name, name of Proposer's contact person, address, phone number, and facsimile number.

Electronic facsimile requesting additional information will be received by the RFQ Contracting Officer at the fax number specified in **Section 1.6** above. Facsimiles must have a cover sheet which includes, at a minimum, the Proposer's name, name of Proposer's contact person, address, number of pages transmitted, phone number, facsimile number, and RFQ number and title.

The County will issue responses to inquiries and any other corrections or amendments it deems necessary in written addenda issued prior to the Proposal Due Date. Proposers should not rely on any representations, statements or explanations other than those made in this RFQ or in any written addendum to this RFQ. Where there appears to be conflict between the RFQ and any addenda issued, the last addendum issued shall prevail.

It is the Proposer's responsibility to assure receipt of all addenda. The Proposer should verify with the designated RFQ Contracting Officer prior to submitting a proposal that all addenda have been received. Proposers are required to acknowledge the number of addenda received as part of their proposals (**see attached Form A-3**).

Proposers who obtain copies of this RFQ from sources other than the County's GSA Procurement Management's Bids and Contracts Section risk the potential of not receiving addenda, since their names will not be included on the Vendor List for this particular RFQ. Such Proposers are solely responsible for those risks.

1.9 PROPOSAL GUARANTEE DEPOSIT

No Proposal Guarantee Deposit is required for this RFQ.

1.10 MODIFIED PROPOSALS

A Proposer may submit a modified proposal to replace all or any portion of a previously submitted proposal up until the Proposal Due Date. The Evaluation/Selection Committee will only consider the latest version of the proposal.

1.11 WITHDRAWAL OF PROPOSALS

Proposals shall be irrevocable until contract award unless the proposal is withdrawn. A proposal may be withdrawn in writing only, addressed to the County contact person for this RFQ (in accordance with **Section 1.6**), prior to the Proposal Due Date or upon the expiration of Four Hundred Fifty (450) calendar days after the opening of proposals.

1.12 LATE PROPOSALS, LATE MODIFICATIONS AND LATE WITHDRAWALS

Proposals received after the Proposal Due Date are late and will not be considered. Modifications received after the Proposal Due Date are also late and will not be considered. Letters of withdrawal received either after the Proposal Due Date or after contract award, whichever is applicable, are late and will not be considered.

Proposals will be opened promptly at the time and place specified. Proposals received after the first proposal has been opened will not be opened and will not be considered. The responsibility

for submitting a proposal to the Clerk of the Board on or before the stated time and date is solely and strictly the responsibility of the Proposer. Miami-Dade County is not responsible for delays caused by any mail, package or couriers service, including the U.S. mail, or caused by any other occurrence.

1.13 RFQ POSTPONEMENT/CANCELLATION

The County may, at its sole and absolute discretion, reject any and all, or parts of any and all proposals; re-advertise this RFQ; postpone or cancel, at any time, this RFQ process; or waive any irregularities in this RFQ or in the proposals received as a result of this RFQ.

1.14 COSTS INCURRED BY PROPOSERS

All expenses involved with the preparation and submission of proposals to the County, or any work performed in connection therewith, shall be borne by the Proposer(s). No payment will be made for any responses received, nor for any other effort required of or made by the Proposer(s) prior to commencement of work as defined by a contract approved by the Board of County Commissioners.

1.15 BUSINESS ENTITY REGISTRATION

Miami-Dade County requires business entities to complete a registration application with Department of Procurement Management before doing business with the County. Proposers need not register with the County to present a proposal; however, the selected Proposer(s) must register prior to award of a contract as failure to register may result in the rejection of the Proposal. To register, or for assistance in registering, contact the **VIC at (305) 375-5773**.

It is the responsibility of the business entity to update and renew its application concerning any changes such as new address, telephone number, commodities, etc. during the performance of any agreement obtained as a result of this RFP.

Section 2-11.1(d) of Miami-Dade County Code as amended by Ordinance 00-1, requires any county employee or any member of the employee's immediate family who has a controlling financial interest, direct or indirect, with Miami-Dade County or any person or agency acting for Miami-Dade County from competing or applying for any such contract as it pertains to this solicitation, must first request a conflict of interest opinion from the County's Ethic Commission prior to their or their immediate family member's entering into any contract or transacting any business through a firm, corporation, partnership or business entity in which the employee or any member of the employee's immediate family has a controlling financial interest, direct or indirect, with Miami-Dade County or any person or agency acting for Miami-Dade County and that any such contract, agreement or business engagement entered in violation of this subsection, as amended, shall render this Agreement voidable. For additional information, please contact the Ethics Commission hot line at 305 579-2593.

1.16 ORAL PRESENTATIONS

The County may require Proposers to give oral presentations in support of their proposals or to exhibit or otherwise demonstrate the information contained therein. If required, the presentations are anticipated to be conducted on the date indicated in this **RFQ Timetable (see Section 1.2)**.

1.17 PROPOSER REGISTRATION AFFIDAVIT

Proposers are advised that in accordance with Section 2-11.1(s) of the Code of Miami-Dade County, the attached Proposer Registration for Oral Presentation Affidavit (**see attached Form A-2**) must be completed, notarized and included with the proposal submission. Lobbyists specifically include the principal, as well as any agent, officer or employee of a principal, regardless of whether such lobbying activities fall within the normal scope of employment of

such agent, officer or employee.

Individuals substituted for or added to the presentation team after submittal of the proposal and filing by staff, **MUST** register with the Clerk of the Board and pay all applicable fees.

NOTE: Other than for the Oral Presentation, Proposers who wish to address the County Commission, County Board or Committee concerning any actions, decisions or recommendations of County personnel regarding this RFQ must also register with the Clerk of the Board (Form BCCFORM2DOC) and pay all applicable fees.

1.18 EXCEPTION TO THE RFQ

Proposers may take exceptions to any of the terms of this RFQ unless the RFQ specifically states where exceptions may not be taken. All exceptions taken must be specific, and the Proposer must indicate clearly what alternative is being offered to allow the County a meaningful opportunity to evaluate and rank proposals, and the cost implications of the exception (if any).

Where exceptions are taken, the County shall determine the acceptability of the proposed exceptions. The County, after completing evaluations, may accept or reject the exceptions. Where exceptions are rejected, the County may insist that the Proposer furnish the services or goods described herein or negotiate an acceptable alternative.

All exceptions shall be referenced by utilizing the corresponding Section, paragraph and page number in this RFQ. However, the County is under no obligation to accept any exceptions. If no exception is stated, the County will assume that the Proposer will accept all terms and conditions.

1.19 PROPRIETARY/ CONFIDENTIAL INFORMATION

Proposers are hereby notified that all information submitted as part of, or in support of, proposals will be available for public inspection after opening of proposals, in compliance with Chapter 119, Florida Statutes, popularly known as the "Public Record Law."

The proposer shall not submit any information in response to this solicitation, which the proposer considers to be a trade secret, proprietary or confidential. The submission of any information to the County in connection with this solicitation shall be deemed conclusively to be a waiver of any trade secret or other protection, which would otherwise be available to proposer. In the event that the proposer submits information to the County in violation of this restriction, either inadvertently or intentionally, and clearly identifies that information in the proposal as protected or confidential, the County shall endeavor to redact and return that information to the proposer as quickly as possible, and if appropriate, evaluate the balance of the proposal. The redaction or return of information pursuant to this clause may render a proposal nonresponsive.

1.20 NEGOTIATIONS

Intentionally left blank

1.21 RIGHTS OF PROTEST

A recommendation for contract award or rejection of all proposals may be protested by a proposer in accordance with the procedures contained in Sections 2-8.3 and 2-8.4 of the County Code, as amended, and as established in Administrative Order No. 3-21.

As a condition of initiating any protest, the protester shall present to the Clerk of the Board a non-refundable filing fee payable to the Clerk of the Board in accordance with the schedule

provided below.

<u>Award Amount</u>	<u>Filing Fee</u>
\$25,001- \$100,000	\$500
\$100,001- \$500,000	\$1,000
\$500,001- \$5 million	\$3,000
over \$5 million	\$5,000

Any question, issue, objection or disagreement concerning, generated by, or arising from the published requirements, terms, conditions or processes contained or described in the solicitation document shall be deemed waived by the protester and shall be rejected as a basis for a protest unless it was brought by that proposer to the attention, in writing, of the procurement agent, buyer, contracting officer or other contact person in the County department that issued the solicitation document, at least two working days (not less than 48 hours) prior to the hour of the due date for proposal submission.

The foregoing notwithstanding, the protest may not challenge the relative weight of the evaluation criteria or the formula specified for assigning points therefore contained in the request for proposals ("RFP") or request for qualifications ("RFQ") specifications.

All protests shall be submitted in writing to the Clerk of the Board pursuant to the procedures established in Section 2-8.4 and Administrative Order No. 3-21. The protest shall state with particularity the specific facts and grounds on which it is based, and shall include all pertinent documents and evidence and shall be accompanied by the corresponding filing fee. This shall form the basis for review of the protest and no other facts, grounds, documentation or evidence not contained in the protester's submission to the Clerk of the Board at the time of filing the protest shall be permitted in the consideration of the protest, except for such additional evidence as is allowed during the course of the protest proceedings.

A. Award Recommendations Over \$100,000

Award recommendations for contracts and purchases involving the expenditure of over \$100,000 will be in writing, signed by the issuing department to each competing proposer announcing the recommended award, and a copy shall be deposited with the Clerk of the Board on the same day it is mailed. Any protest proposer must be filed with the Clerk of the Board within ten (10) working days of the date of the award recommendation letter. Within two (2) working days of that filing, the protester shall supply the County Attorney and each proposer in the competitive process with a true copy of each document that was filed with the protest. A hearing examiner shall be appointed to hear the protest and submit a written report and recommendation to the County Manager within twenty (20) working days of the filing of the protest (maximum 25 working days if hearing examiner consents to extension request).

Failure to timely file any written protest shall constitute a waiver of the right to protest the award recommendation.

B. Award Recommendations Over \$25,000 and up to \$100,000

Award recommendations for contracts and purchases involving the expenditure of over \$25,000 up to and including \$100,000 shall be posted by 9:00 a.m., every Monday in the lobby of the Stephen P. Clark Center, 111 NW 1st Street, Miami, FL 33128. Such recommendations shall be in writing and shall identify the proposer to whom the award is being recommended and the basis therefor. It is the responsibility of the proposer to monitor such bulletin after proposal submission to ascertain that a recommendation for award has been made. Participants can call the Awards Line at 305-375-4724 or (800)

510-4724, or contact the person identified on the cover page of the solicitation.

Any protest by a proposer must be filed with the Clerk of the Board within five (5) working days of the posting of the award recommendation, together with the \$500.00 nonrefundable filing fee. Award recommendations for which a protest is not received within the five (5) working day period shall be awarded in accordance with the department's recommendation. Not later than twenty (20) working days from the filing of the protest, the Director of the issuing department shall review the written recommendation for award and the written protest, and after consultation with the County Attorney, shall issue a recommendation to the County Manager for final disposition of the protest.

The department shall provide an opportunity to settle the protest by mutual agreement within five (5) working days of the filing of the protest.

Failure to timely file any written protest shall constitute a waiver for the right to protest the award recommendation.

C. Award Recommendations \$25,000 and Less

Award recommendations for contracts and purchases involving the expenditure of \$25,000 or less are considered final and may not be protested.

This RFQ is to select up to six (6) MEMs that will comprise a pool and does not provide for any dollar expenditure by the County. As such, Section 1.21.C applies.

1.22 LOCAL PREFERENCE

The evaluation and ranking of proposals is subject to Ordinance No. 01-21, which, except where Federal and State law mandates to the contrary, provides that a preference be given to a local proposer if in the final ranking it is within 5% of the highest ranked proposer and the highest ranked proposer is a non-local business. Local business means the proposer has a valid occupational license issued by Miami-Dade County, at least one year prior to the proposal due date, to do business in Miami-Dade County that authorizes the business to provide the goods, services or construction to be purchased, and a physical business address located within the limits of Miami-Dade County from which the vendor operates or performs business. Post Office Boxes are not verifiable and shall not be used for the purpose of establishing said physical address. If the County extends local preferences to other Counties, those Counties will participate in local preference considerations.

The Proposer should complete, sign and submit the attached **Form A-5** "Local Business Preference" with the Technical Proposal in order to be considered for Local Preference.

1.23 RULES, REGULATIONS AND LICENSING REQUIREMENTS

The Proposer shall comply with all laws, ordinances and regulations applicable to the services contemplated herein, especially those applicable to conflict of interest and collusion. Proposers are presumed to be familiar with all Federal, State and local laws, ordinances, codes, rules and regulations that may in any way affect the goods or services offered, especially Executive Order No. 11246 entitled "Equal Employment Opportunity" and as amended by Executive Order No. 11375, as supplemented by the Department of Labor Regulations (41 CFR, Part 60), the Americans with Disabilities Act of 1990 and implementing regulations, the Rehabilitation Act of 1973, as amended, Chapter 553 of Florida Statutes and any and all other local, State and Federal directives, ordinances, rules, orders, and laws relating to people with disabilities.

1.24 REVIEW OF PROPOSALS FOR RESPONSIVENESS

Each proposal will be reviewed to determine if the proposal is responsive to the submission requirements outlined in the RFQ. A responsive proposal is one which follows the requirements of the RFQ, includes all documentation, is submitted in the format outlined in the RFQ, is of

timely submission, and has the appropriate signatures as required on each document. Failure to comply with these requirements may result in a proposal being deemed non-responsive.

1.25 CRIMINAL CONVICTION

Pursuant to Miami-Dade County Ordinance No. 94-34, "Any individual who has been convicted of a felony during the past ten years and any corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten years shall disclose this information prior to entering into a contract with or receiving funding from the County." Accordingly, Criminal Record Affidavit forms are available upon request at GSA Procurement Management/Office of Vendor Assistance at (305) 375-5287 for those individuals or firms requesting to disclose this information only.

1.26 QUARTERLY REPORTING WHEN SUB-CONTRACTORS ARE UTILIZED

Proposers are advised that when subcontractors or subconsultant are utilized to fulfill the terms and conditions of this contract, Miami-Dade County Resolution No. 1634-93 will apply to this contract. This resolution requires the selected Proposer to file quarterly reports as to the amount of contract monies received from the County and the amounts thereof that have been paid by the contractor directly to Black, Hispanic and Women-Owned businesses performing part of the contract work.

Additionally, the listed businesses are required to sign the reports, verifying their participation in the contract work and their receipt of such monies. For purposes of applicability, the requirements of this resolution shall be in addition to any other reporting requirements required by law, ordinance or administrative order.

1.27 INSPECTOR GENERAL REVIEWS

A. INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL REVIEW

Pursuant to Miami-Dade County Administrative Order 3-20 and in connection with any award issued as a result of this RFQ, the County has the right to retain the services of an Independent Private Sector Inspector General ("IPSIG"), whenever the County deems it appropriate to do so. Upon written notice from the County, the selected Proposer shall make available, to the IPSIG retained by the County, all requested records and documentation pertaining to this RFQ or any subsequent award, for inspection and copying. The County will be responsible for the payment of these IPSIG services, and under no circumstance shall the Proposer's cost for this RFQ be inclusive of any charges relating to these IPSIG services. The terms of this provision herein, apply to the Proposer, its officers, agents, employees and assignees. Nothing contained in this provision shall impair any independent right of the County to conduct, audit or investigate the operations, activities and performance of the selected Proposer in connection with this RFQ or any contract issued as a result of this RFQ. The terms of this provision are neither intended nor shall they be construed to impose any liability on the County by the selected Proposer or third party.

B. MIAMI-DADE COUNTY INSPECTOR GENERAL REVIEW

According to Section 2-1076 of the Code of Miami-Dade County, as amended by Ordinance No. 99-63, Miami-Dade County has established the Office of the Inspector General which may, on a random basis, perform audits on all County contracts, throughout the duration of said contracts, except as otherwise provided below. The cost of the audit any Contract issued as a result of this RFQ shall be one quarter (1/4) of one (1) percent of the total contract amount which cost shall be included in the total proposed amount. The audit cost will be deducted by the County from progress payments to the selected Proposer. The audit cost shall also be included in all change orders and all contract renewals and extensions.

Exception: The above application of one quarter (1/4) of one percent fee assessment shall not apply to the following contracts: (a) IPSIG contracts; (b) contracts for legal services; (c) contracts for financial advisory services; (d) auditing contracts; (e) facility rentals and lease agreements; (f) concessions and other rental agreements; (g) insurance contracts; (h) revenue-generating contracts; (i) contracts where an IPSIG is assigned at the time the contract is approved by the Commission; (j) professional service agreements under \$1,000; (k) management agreements; (l) small purchase orders as defined in Miami-Dade County Administrative Order 3-2; (m) federal, state and local government-funded grants; and (n) interlocal agreements. ***Notwithstanding the foregoing, the Miami-Dade County Board of County Commissioners may authorize the inclusion of the fee assessment of one quarter (1/4) of one percent in any exempted contract at the time of award.***

Nothing contained above shall in any way limit the powers of the Inspector General to perform audits on all County contracts including, but not limited to, those contracts specifically exempted above.

1.28 PUBLIC ENTITY CRIMES

Pursuant to Paragraph 2(a) of Section 287.133, Florida Statutes, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal for a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit proposals on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and, may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 for CATEGORY TWO (\$10,000) for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

1.29 REQUIRED LISTING OF SUBCONTRACTORS AND SUPPLIERS ON COUNTY CONTRACTS

Ordinance 97-104, requires a bid or proposal for a County or Public Health Trust contract involving the expenditure of \$100,000 or more include a listing of subcontractors and suppliers who will be used on the contract, and provides failure to include the required listing shall render the bid or proposal non-responsive. The required listing must be submitted even though the bidder or proposer will not utilize subcontractors or suppliers on the contract. In the latter case, the listing must expressly state no subcontractors, or suppliers, as the case may be, will be used on the contract. Timely submission of a properly completed and signed "Subcontractor/Supplier Listing, Form A-7.1 (a copy of which is included in this RFQ) constitutes compliance with the listing requirements of the Ordinance. In order to be deemed properly completed, the word "NONE" must be entered under the appropriate heading of Form A-7.1 if no subcontractors or suppliers will be used on the contract.

FORM A-7.1, OR A COMPARABLE LISTING MEETING THE REQUIREMENTS OF ORDINANCE NO. 97-104, MUST BE COMPLETED AND SUBMITTED EVEN THOUGH THE PROPOSER MAY NOT UTILIZE SUBCONTRACTORS OR SUPPLIERS FOR THIS PROPOSAL. THE PROPOSER SHOULD ENTER THE WORD "NONE" UNDER THE APPROPRIATE HEADING ON FORM A-7.1 IN THOSE INSTANCES WHERE NO SUBCONTRACTORS OR SUPPLIERS WILL BE USED ON THIS PROPOSAL.

1.30 FAIR SUBCONTRACTING POLICIES (Ordinance 97-35)

All selected Proposers on County contracts in which subcontractors may be used shall be

subject to and comply with Ordinance 97-35 as amended, requiring Proposers to provide a detailed statement of their policies and procedures for awarding subcontracts which:

- a) notifies the broadest number of local subcontractors of the opportunity to be awarded a subcontract;
- b) invites local subcontractors to submit bids/proposals in a practical, expedient way;
- c) provides local subcontractors access to information necessary to prepare and formulate a subcontracting bid/proposal;
- d) allows local subcontractors to meet with appropriate personnel of the Proposer to discuss the Proposer's requirements; and
- e) awards subcontracts based on full and complete consideration of all submitted proposals and in accordance with the Proposer's stated objectives.

All Proposers seeking to contract with the County shall, as a condition of award, provide a statement of their subcontracting policies and procedures (**see attached Form A-7.2**). Proposers who fail to provide a statement of their policies and procedures may not be recommended by the County Manager for award by the Board of County Commissioners.

The term "local" means having headquarters located in Miami-Dade County or having a place of business located in Miami-Dade County from which the contract or subcontract will be performed.

The term "subcontractor" means a business independent of a Proposer that may agree with the Proposer to perform a portion of a contract.

The term "subcontract" means an agreement between a Proposer and a subcontractor to perform a portion of a contract between the Proposer and the County.

1.31 AFFIRMATIVE ACTION/NON DISCRIMINATION OF EMPLOYMENT, PROMOTION AND PROCUREMENT PRACTICES (ORDINANCE NO. 98-30)

In accordance with the requirements of Ordinance No. 98-30, all firms with annual gross revenues in excess of \$5 million seeking to contract with Miami-Dade County shall, as a condition of award, have a written Affirmative Action Plan and Procurement Policy on file with the County's Department of Business Development. Said firms must also submit, as a part of their proposals/bids to be filed with the Clerk of the Board, an appropriately completed and signed Affirmative Action Plan/Procurement Policy Affidavit (**see attached Form A-8.2**). Firms whose Boards of Directors are representative of the population make-up of the nation are exempt from this requirement and must submit, in writing, a detailed listing of their Boards of Directors, showing the race or ethnicity of each board member, to the County's Department of Business Development. Firms claiming exemption must submit, as part of their proposal/bids to be filed with the Clerk of the Board, an appropriately completed and signed Exemption Affidavit (**see attached Form A-8.1**) in accordance with Ordinance 98-30. These submittals shall be subject to periodic reviews to assure that the entities do not discriminate in their employment and procurement practices against minorities and women-owned businesses.

It will be the responsibility of each firm to provide verification of their gross annual revenues to determine the requirement for compliance with the Ordinance. Those firms that do not exceed \$5 million annual gross revenues must clearly state so in their bid/proposal.

1.32 AFFIDAVIT- PAID FEES, TAXES, PARKING TICKETS AND OBLIGATIONS ARE NOT IN ARREARS

In accordance with Section 2-8.1 (c) of the Miami-Dade County Code, and as amended by County Ordinance No. 00-30, and Section 2-8.1(h) as amended by Ordinance No. 00-67, the

Proposer shall certify that all delinquent and currently due fees, taxes, parking tickets are paid and that Proposer is not in arrears on obligations to the County. (See attached **Form A-10.**)

1.33 CODE OF BUSINESS ETHICS

In accordance with Section 2-8.(1) of the Code of Miami-Dade County each person or entity that seeks to do business with Miami-Dade County shall have or shall adopt a Code of Business Ethics ("Code") and shall, prior to execution of any contract between the contractor and the County, submit an affidavit stating that the contractor has adopted a Code that complies with the requirements of Section 2-8.1(i) of the Miami-Dade County Code (see attached Form A-12). Any person or entity that fails to submit the required affidavit shall be ineligible for contract award.

1.34 BANKRUPTCY

Any proposer who, at the time of proposal submission, is involved in an ongoing bankruptcy as a debtor, or in a reorganization, liquidation, or dissolution proceeding, or if a trustee or receiver has been appointed over all or a substantial portion of the property of the proposer under federal bankruptcy law or any state insolvency law, may be non-responsive.

1.35 DOMESTIC VIOLENCE LEAVE AFFIDAVIT

Prior to entering into any contract with the County, a firm desiring to do business with the County shall, as a condition of award, certify that it is in compliance with the Domestic Leave Ordinance, 99-5 and Section 11A-60 of the Miami-Dade County Code. This Ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during each of twenty (20) or more calendar work weeks in the current or preceding calendar year. In accordance with Resolution R-185-00, the obligation to provide domestic violence leave to employees shall be a contractual obligation. The County shall not enter into a contract with any firm that has not certified its compliance with the Domestic Leave Ordinance (see attached Form A-13). Failure to comply with the requirements of Resolution R-185-00, as well as the Domestic Leave Ordinance may result in the contract being declared void, the contract being terminated and/or the firm being debarred.

1.36 ORDINANCES, RESOLUTIONS AND/OR ADMINISTRATIVE ORDERS

To request a copy of any ordinance, resolution and/or administrative order cited in this Solicitation, the Proposer must contact the Clerk of the Board at (305) 375-5126.

SECTION 2.0 - SCOPE OF SERVICES

2.1 INTRODUCTION

Miami-Dade County through the Miami-Dade Water and Sewer Department (WASD) is in the process of designing a 25 million gallon per day (mgd) water treatment plant using a membrane process for the South Miami-Dade area. The County will be testing membrane elements from qualified manufacturers in a pilot test unit which are capable of operation as either a two-stage or three stage unit. A P&I Diagram for the pilot test unit is provided as **Figure No. 1**. The County is interested in receiving qualifications from membrane element manufacturers (MEMs) that meet the qualification criteria outlined in Section 3.2(3). Up to six (6) MEMs that meet the qualification requirements of this solicitation will be invited to submit one set of their membrane elements for performance testing during a limited period in the County's pilot test unit operating as two-stage unit. Membranes elements that demonstrate satisfactory compliance with the performance criteria in **Table One** and **Table Two** during the pilot testing will be "pre-approved" for competitive bidding as part of the water plant construction contract. The attached performance criteria will be finalized by the County after qualifications of MEM's have been evaluated and prior to the start of pilot testing for membrane element pre-approval. This RFQ will serve **only** as a pre-qualification instrument. The additional testing and bidding will be performed by Camp Dresser & McKee Inc. (CDM), the County's Consultant.

2.2 OBJECTIVES

The objective of this RFQ is to pre-qualify up to six Membrane Element Manufacturers (MEMs) that meet or exceed the required criteria.

2.3 SCOPE OF WORK

- A. Membrane Element Manufacturer, hereinafter referred to as "MEM", shall submit their qualifications to the County for initial screening and approval.
- B. The pre-qualified MEM shall furnish one set of twenty-one (21) four (4) inch diameter membrane elements for pilot testing in the County's trailer mounted two-stage pilot plant at no cost to the County.
- C. The MEMs and their Product(s) that meet the RFQ's minimum criteria will be pre-qualified and pilot tested. Those MEMs whose products meet the membrane performance criteria will be listed as pre-approved MEMs and their membrane elements listed as pre-approved products in a competitive bid for construction of the County's new South Miami-Miami Heights Water Treatment Plant.
- D. As part of the construction contract, the pre-approved MEM will be required to submit a membrane system warranty for their elements with a minimum duration of five (5) year.

SECTION 3.0 - PROPOSAL FORMAT

3.1 INSTRUCTIONS TO PROPOSERS:

Proposers should carefully follow the format and instructions outlined below, observing format requirements where indicated. All materials (except for plans and schematics, if any) are to be submitted on 8 1/2" X 11" pages, neatly typed on one side only, with normal margins and spacing. All documents and information must be fully completed and signed as required. The original document package must not be bound. The document package copies should be individually bound. Proposals that do not include the required documents may be deemed non-responsive and may not be considered for contract award.

3.2 CONTENTS OF TECHNICAL PROPOSAL:

The Proposal shall be written in sufficient detail to permit the County to conduct a meaningful evaluation of the proposed services. It must include:

1) Cover Page

The attached **Form A-1** is to be used as the cover page for the Proposal. This form must be fully completed and signed by an authorized officer of the Proposer submitting the proposal.

2) Table of Contents

The table of contents should outline in sequential order the major areas of the proposal. All pages of the proposal, including the enclosures, must be clearly and consecutively numbered and correspond to the table of contents.

3) Qualifications

MEM shall provide adequate proof that:

- a) the offered membrane element model(s), or membrane elements of similar membrane materials of construction which may be considered predecessor membrane element models to those being offered, has/have been in successful service in at least three (3) potable water municipal installations for a minimum period of twelve (12) months since beneficial use.
- (b) the membranes meet the Environmental Protection Agency's (EPA) primary and secondary drinking water standards during the performance period.
- (c) that each installation has an aggregate permeate production capacity using the offered membrane or predecessor element model(s) of at least one million gallons per day (1 mgd) and one installation of at least 5 mgd as evidence by a copy of the plant operating-permit issued by the corresponding regulatory agency having jurisdiction over the installation.

4) Experience

- a - The MEM shall provide adequate proof, to be qualified, that the MEM has a minimum of five (5) years experience in the manufacture and supply of membrane elements for the treatment of raw ground water having water quality characteristics similar to that listed in **Table One**. In particular, the MEM shall list recent experience in the removal/reduction of hardness and nitrates from groundwater supplies using their product(s).
- b - The MEM shall submit a list of municipal water installations to which they have

supplied membranes in the United States since 1990. Include Contact name and telephone number, membrane element model number(s) and number of elements provided.

5) Performance

The MEM shall submit along with their qualifications the projected performance of their product(s) in treating the Projected Raw Water Quality presented in **Table One**. The projections shall indicate anticipated performance of the membrane element(s) in meeting the required permeate quality.

6) Production Capability

The MEM shall provide information on the membrane production capabilities of the production plant along with the anticipated approval and delivery schedule (timetable) for up to 5300 membrane elements. The minimum production capability shall be of 500 elements/week.

7) Quality Control Process

The MEM shall submit a description that indicates to what standards or under what manufacturing quality criteria are the membrane elements manufactured. For example, NSF International (formerly National Sanitation Foundation), ASTM International (formerly American Society for Testing and Material), Underwriters Laboratory (UL), International Organization for Standardization (ISO), etc.

8) Financial Strength

The MEM shall submit evidence of financial strength: (a) a copy of latest audited financial statement; (b) a written letter of commitment to offer a minimum five (5) year membrane system warranty for the elements; and (c) three letters of references, one which shall be from a financial institution and two from purchasers of at least 500 membrane elements within the last twelve months.

9) Affidavits/Acknowledgements

The Proposer must complete, sign as required, and submit the following documents as part of its Technical Proposal:

- Form A-1 Cover Page of Technical Proposal
- Form A-2 Affidavit of Proposer Registration for Oral Presentations (**see Section 1.17**)
- Form A-3 Acknowledgement of Addenda (**see Section 1.8**)
- Form A-4 Disability Nondiscrimination Affidavit
- Form A-5 Local Preference Information (**see Section 1.22**)
- Form A-7.1 Proposer's Disclosure of Subcontractors and Suppliers (**see Section 1.30**)
- Form A-7.2 Proposer's Disclosure of Fair Subcontracting Policies (**see Section 1.31**)
- Form A-8.1 Affirmative Action Plan Exemption Affidavit (if applicable) – **See Section 1.33**
- Form A-8.2 Affirmative Action Plan Affidavit (**see Section 1.33**)
- Form A-10 Miami-Dade County Collection of Taxes, Fees and Parking Tickets Affidavit
- Form A-12 Code of Business Ethics
- Form A-13 Domestic Violence Leave Affidavit

3.3 PROPOSAL PREPARATION REQUIREMENTS

Proposers must follow instructions of Section 1.4, "Proposal Submission". The proposal must consist of one unbound and 10 bound copies and must be submitted in a sealed envelope or container that should be addressed as follows:

Proposer's Name
Proposer's Address
Proposer's Telephone Number

Clerk of the Board
Stephen P. Clark Center
111 NW 1st Street, 17th Floor, Suite 202
Miami, FL 33128-1983

RFQ No. **55**

RFQ Title: Membrane Element Manufacturers for the South Miami-Heights Water Treatment Plant

Proposal Due Date:

SECTION 4.0 - EVALUATION/SELECTION PROCESS

4.1 INTRODUCTION

Following the opening of the proposal packages, the proposals will be evaluated by an Evaluation/Selection Committee appointed by the County Manager. The committee will be comprised of appropriate County personnel from multiple departments and may include members of the community, as deemed necessary, with the appropriate experience and/or knowledge, striving to ensure that the committee is balanced with regard to both ethnicity and gender.

4.2 TECHNICAL PROPOSAL EVALUATION

The Evaluation/Selection Committee will first evaluate and rank responsive proposals on the Technical (Quality) criteria listed below. The criteria are itemized with their respective weights for a maximum total of One Hundred (100) points per each Evaluation/Selection Committee member, for all Technical criteria. A proposer may receive the maximum points or a portion of this score depending on the merit of its proposal, as judged by the Evaluation/Selection Committee in accordance with:

<u>Criteria</u>	<u>Points</u>
1. Qualification	25
2. Experience	20
3. Performance	20
4. Production Capability	15
5. Quality Control	10
6. Financial Strength	10

Upon completion of the Quality Criteria evaluation, rating and ranking, the Committee may choose to conduct oral presentation(s) with the Proposer(s) that the Evaluation/Selection Committee deems to warrant further consideration based on the best rated Proposal(s); i.e., those offering the highest quality of service to the County. Upon completion of the oral presentation(s), the Evaluation/Selection Committee will re-evaluate, re-rate and re-rank the Proposals in consideration based upon the written documents combined with the oral presentation.

4.3 LOCAL PREFERENCE POINTS

The evaluation and ranking of proposals is subject to Ordinance No. 01-21, which, except where Federal and State law mandates to the contrary, provides that a preference be given to a local proposer if in the final ranking it is within 5% of the highest ranked proposer and the highest ranked proposer is a non-local business. Local business means the proposer has a valid occupational license issued by Miami-Dade County, at least one year prior to the proposal due date, to do business in Miami-Dade County that authorizes the business to provide the goods, services or construction to be purchased, and a physical business address located within the limits of Miami-Dade County from which the vendor operates or performs business. Post Office Boxes are not verifiable and shall not be used for the purpose of establishing said physical address. If the County extends local preferences to other Counties, those Counties will participate in local preference considerations.

The Proposer should complete, sign and submit the attached **Form A-5** "Local Business

Preference" with the Technical Proposal in order to be considered for Local Preference.

4.4 OVERALL RANKING

Following the Proposal Evaluation process, the Evaluation/Selection Committee will select up to six (6) highest ranked, qualified Proposers (or a lesser number should fewer firms qualify) as pre-qualified MEMs. These MEMs will submit to the County one set of twenty-one (21) four (4) inch diameter member elements for pilot testing at no cost to the County within thirty (30) calendar days after notification by the County. Up to six (6) MEMs meeting the testing criteria will be recommended to participate on the County's water plant construction contract.

Form A-1

PROPOSER'S NAME (Name of firm, entity or organization):

FEDERAL EMPLOYER IDENTIFICATION NUMBER:

NAME AND TITLE OF PROPOSER'S CONTACT PERSON:

Name: _____ Title: _____

MAILING ADDRESS:

Street Address: _____

City, State, Zip: _____

TELEPHONE: (____) _____	FAX: (____) _____	E-MAIL ADDRESS: _____
-----------------------------------	-----------------------------	---------------------------------

PROPOSER'S ORGANIZATIONAL STRUCTURE:

____ Corporation ____ Partnership ____ Proprietorship ____ Joint Venture

____ Other (Explain): _____

IF CORPORATION,
Date Incorporated/Organized: _____
State Incorporated/Organized: _____
States registered in as foreign corporation: _____

PROPOSER'S SERVICE OR BUSINESS ACTIVITIES OTHER THAN WHAT THIS SOLICITATED REQUEST FOR:

LIST NAMES OF PROPOSER'S SUBCONTRACTORS OR SUBCONSULTANTS FOR THIS PROJECT:

PROPOSER'S AUTHORIZED SIGNATURE

The undersigned hereby certified that this proposal is submitted in response to this solicitation.

Signed By: _____ Date: _____
Print Name: _____ Title: _____

Form A-2

AFFIDAVIT OF MIAMI-DADE COUNTY
LOBBYIST REGISTRATION FOR ORAL PRESENTATION

(1) Project Title: _____ Project No.: _____
(2) Department: _____
(3) Firm/Proposer's Name: _____
Address: _____ Zip: _____
Business Telephone: (____) _____

(4) List All Members of the Presentation Team Who Will Be Participating in the Oral Presentation:

Table with 4 columns: NAME, TITLE, EMPLOYED BY, TEL. NO. and multiple rows for listing team members.

(ATTACH ADDITIONAL SHEET IF NECESSARY)

The individuals named above are Registered and the Registration Fee is not required for the Oral Presentation ONLY. Proposers are advised that any individual substituted for or added to the presentation team after submittal of the proposal and filling by staff, MUST register with the Clerk of the Board and pay all applicable fees.

Other than for the oral presentation, Proposers who wish to address the county commission, a county board or county committee concerning any action, decision or recommendation of county personnel regarding this solicitation MUST register with the Clerk of the Board (Form BCCFORM2DOC) and pay all applicable fees.

I do solemnly swear that all the foregoing facts are true and correct and I have read or am familiar with the provisions of Section 2-11.1(s) of the Code of Metropolitan Dade County as amended.

Signature of Authorized Representative: _____
Title: _____
STATE OF _____
COUNTY OF _____

The foregoing instrument was acknowledged before me this _____,
by _____, a _____, who is personally known
(Individual, Officer, Partner or Agent) (Sole Proprietor, Corporation or Partnership)
to me or who has produced _____ as identification and who did/did not take an oath.

Signature of person taking acknowledgement)
(Name of Acknowledger typed, printed or stamped)
(Title or Rank) (Serial Number, if any)

Form A-3

ACKNOWLEDGEMENT OF ADDENDA

Instructions: Complete Part I or Part II, whichever is applicable.

PART I: Listed below are the dates of issue for each Addendum received in connection with this solicitation.

Addendum #1, Dated _____, 200__

Addendum #2, Dated _____, 200__

Addendum #3, Dated _____, 200__

Addendum #4, Dated _____, 200__

Addendum #5, Dated _____, 200__

Addendum #6, Dated _____, 200__

Addendum #7, Dated _____, 200__

Addendum #8, Dated _____, 200__

Addendum #9, Dated _____, 200__

PART II:

___ No Addendum was received in connection with this solicitation.

Authorized Signature: _____ Date: _____

Print Name: _____ Title: _____

Federal Employer Identification Number: _____

Firm Name: _____

Address: _____

City/State/Zip: _____

Telephone: _____ Fax: _____

Form A-4
DISABILITY NONDISCRIMINATION AFFIDAVIT

CONTRACT REFERENCE: _____

NAME OF FIRM, CORPORATION, OR ORGANIZATION: _____

AUTHORIZED AGENT COMPLETING AFFIDAVIT: _____

POSITION: _____ PHONE NUMBER: (____) _____

I, _____, being duly first sworn state:

That the above named firm, corporation or organization is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The Americans with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 U.S.C. 12101-12213 and 47 U.S.C. Sections 225 and 611 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private Entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Rehabilitation Act of 1973, 29 U.S.C. Section 794

The Federal Transit Act, as amended 49 U.S.C. Section 1612

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631

Signature

Date

SUBSCRIBED AND SWORN TO (or affirmed) before me on _____ (Date)

by _____ (Affiant) He/She is personally known to me or has

presented _____ as identification.

(Type of Identification)

(Signature of Notary)

(Serial Number)

(Print or Stamp Name of Notary)

(Expiration Date)

Notary Public _____

Notary Seal
(State)

FORM A-5
LOCAL BUSINESS PREFERENCE

Proposals submitted for this solicitation will be reviewed by the Evaluation/Selection Committee for Local Business Preference in accordance with Miami-Dade County Ordinance 94-166 as amended by Ordinance 01-21 and Resolution No. R-514-02, defining local business preference. A local business is defined as a proposer, which has a valid occupational license issued by Miami-Dade or Broward County at least one year prior to the proposal due date, to do business in Miami-Dade or Broward County and that authorizes the proposer to provide the goods, services or construction to be purchased; and, has a physical business address located within the limits of Miami-Dade and Broward County from which the proposer operates or performs business. (A Post Office Box is unacceptable.) **If the Proposer is a local firm as defined above, the Proposer shall submit a copy of its Miami-Dade or Broward Occupational License, which shall have been in effect one year prior to the proposal due date; and, evidence in the form of a lease or other such documentation, that is proof that the Proposer is located in Miami-Dade or Broward County.**

PLEASE CHECK IF APPLYING FOR LOCAL PREFERENCE YES NO

Proposer: _____

Federal Employer Identification Number: _____

Contact Name: _____

Address: _____

City/State/Zip: _____

Telephone: (____) _____ Fax: (____) _____

I hereby certify that to the best of my knowledge and belief all the foregoing facts are true and correct.

Signature of Authorized Representative: _____

Title: _____

Date: _____

STATE OF _____
COUNTY OF _____

SUBSCRIBED AND SWORN TO (or affirmed) before me on _____,
(Date)

by _____ He/She is personally known to me or has
(Affiant)

presented _____ as identification.
(Type of Identification)

(Signature of Notary) (Serial Number)

(Print or Stamp Name of Notary) (Expiration Date)

Notary Public _____ 31
(State)

Notary Seal

**FORM A-7.1
SUBCONTRACTOR/SUPPLIER LISTING
(Ordinance 97-104)**

Firm Name of Prime Contractor/Proposer _____ RFP Name _____

RFP Number _____

This form, or a comparable listing meeting the requirements of Ordinance No. 97-104, **MUST** be completed by all bidders and proposers on County contracts for purchase of supplies, materials or services, including professional services which involve expenditures of \$100,000 or more, and all bidders and proposers on County or Public Health Trust construction contracts which involve expenditures of \$100,000 or more. **This form, or a comparable listing meeting the requirements of Ordinance No. 97-104, must be completed and submitted even though the bidder or proposer will not utilize subcontractors or suppliers on the contract. The bidder or proposer should enter the word "NONE" under the appropriate heading of Form A-7.1 in those instances where no subcontractors or suppliers will be used on the contract.** A bidder or proposer who is awarded the contract shall not change or substitute first tier subcontractors or direct suppliers or the portions of the contract work to be performed or materials to be supplied from those identified except upon written approval of the County.

Business Name and Address of First Tier Subcontractor/Subconsultant	Principal Owner	Scope of Work to be Performed by Subcontractor/Subconsultant	(Principal Owner) Gender Race
Business Name and Address of Direct Supplier	Principal Owner	Supplies/Materials/Services to be Provided by Supplier	(Principal Owner) Gender Race

I certify that the representations contained in this Subcontractor/Supplier Listing are to the best of my knowledge true and accurate.

Signature of Proposer's Authorized Representative _____ Print Name _____ Print Title _____ Date _____

32

FORM A-7.2

**FAIR SUBCONTRACTING POLICIES
(Ordinance 97-35)**

FAIR SUBCONTRACTING PRACTICES

In compliance with Miami-Dade County Ordinance 97-35, the Proposer submits the following detailed statement of its policies and procedures for awarding subcontracts:

I hereby certify that the foregoing information is true, correct and complete.

Signature of Authorized Representative: _____

Title: _____ Date: _____

Firm Name: _____ Fed. ID No. _____

Address: _____ City/State/Zip: _____

Telephone: (____) _____ Fax: (____) _____



FORM A-8.1
AFFIRMATIVE ACTION PLAN
EXEMPTION AFFIDAVIT
(Ordinance 98-30)

Project No. _____
Project Name: _____

I being duly first sworn, upon deposes that _____ has a Board of Directors
Name of Company

which is representative of the population make-up of the nation and hereby claims exemption in accordance with the
requirements of Ordinance 98-30. Said bidder has a current Board of Directors Disclosure form, as required by Ordinance 98-30,
processed and approved for filing with the Miami-Dade County Department of Business Development (DBD) under the file
No. _____ and the expiration date of _____.

Witness: _____ Signature _____ Signature

Witness: _____ Signature By: _____ Legal Name and Title

The foregoing instrument was acknowledged before me this _____ day of _____, 20 _____

FOR A CORPORATION, PARTNERSHIP OR JOINT VENTURE:

By: _____ having the title of _____
with _____

[] a corporation [] partnership [] joint venture

PLEASE NOTE:

Ordinance 98-30 requires that firms that have annual gross revenues in excess of five (5) million dollars to have an affirmative
action plan and Procurement Policy on file with the County. Firms that have Boards of Directors that are representative of the
population make-up of the nation are exempt and must complete the affidavit.

For questions regarding these requirements contact the Miami-Dade County Department of Business Development at (305) 349-5960.

THIS EXEMPTION AFFIDAVIT MUST BE PROPERLY EXECUTED BY THE BIDDER
AND RETURNED TO:

MIAMI-DADE COUNTY
DEPARTMENT OF BUSINESS DEVELOPMENT
COURTHOUSE CENTER
175NW 1st AVENUE
28th FLOOR
MIAMI, FLORIDA 33128



FORM A-8.1
AFFIRMATIVE ACTION PLAN
EXEMPTION AFFIDAVIT
(Ordinance 98-30)

Project No. _____
Project Name: _____

I being duly first sworn, upon deposes that _____ has a Board of Directors
Name of Company

which is representative of the population make-up of the nation and hereby claims exemption in accordance with the
requirements of Ordinance 98-30. Said bidder has a current Board of Directors Disclosure form, as required by Ordinance 98-30,
processed and approved for filing with the Miami-Dade County Department of Business Development (DBD) under the file
No. _____ and the expiration date of _____.

Witness: _____ Signature _____ Signature _____

Witness: _____ Signature _____ By: _____ Legal Name and Title _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20 _____

FOR A CORPORATION, PARTNERSHIP OR JOINT VENTURE:

By: _____ having the title of _____

with _____

[] a corporation [] partnership [] joint venture

PLEASE NOTE:

Ordinance 98-30 requires that firms that have annual gross revenues in excess of five (5) million dollars to have an affirmative
action plan and Procurement Policy on file with the County. Firms that have Boards of Directors that are representative of the
population make-up of the nation are exempt and must complete the affidavit.

For questions regarding these requirements contact the Miami-Dade County Department of Business Development at (305) 349-5960.

THIS EXEMPTION AFFIDAVIT MUST BE PROPERLY EXECUTED BY THE BIDDER
AND RETURNED TO:

MIAMI-DADE COUNTY
DEPARTMENT OF BUSINESS DEVELOPMENT
COURTHOUSE CENTER
175NW 1st AVENUE
28th FLOOR
MIAMI, FLORIDA 33128

35



FORM A-8.2
AFFIRMATIVE ACTION PLAN/PROCUREMENT POLICY
AFFIDAVIT
(Ordinance 98-30)

I being duly first sworn, upon oath deposes that _____ has a current Affirmative Action Plan and/or Procurement Policy, as required by Ordinance 98-30, processed and approved for filing with the Miami-Dade County Department of Business Development (DBD) under the file No. _____ and the expiration date of _____

Witness: _____ Signature _____ Signature _____

Witness: _____ Signature _____ By: _____ Legal Name and Title _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20 _____

FOR AN INDIVIDUAL ACTING IN HIS OWN RIGHT:

By: _____

FOR A CORPORATION, PARTNERSHIP OR JOINT VENTURE:

By: _____ having the title of _____ with _____ a _____ corporation partnership joint venture.

DOES NOT APPLY-MY COMPANY'S REVENUE IS LESS THAN \$5 MILLION

Signature _____ Date _____

PLEASE NOTE:

Ordinance 82-37 requires that all property licensed architectural, engineering, landscape architectural, and land surveyor, have an affirmative action plan on file with the County.

Ordinance 98-30 requires that firms that have annual gross revenue in excess of five (5) million dollars have an affirmative action plan and procurement policy on file with the County. If your firm does not have an annual gross revenue in excess of five (5) million dollars: check the above, sign and return this affidavit only. Firms that have a Board of Directors that are representative of the population make-up of the nation are exempt and must complete and return THE EXEMPTION AFFIDAVIT only.

For questions regarding these requirements, please contact the Miami-Dade County Department of Business Development at 305-349-5960

THIS AFFIDAVIT MUST BE PROPERLY EXECUTED BY THE BIDDER AND RETURNED TO:

MIAMI-DADE COUNTY
DEPARTMENT OF BUSINESS DEVELOPMENT
COURTHOUSE CENTER
175NW 1st AVENUE
28th FLOOR
MIAMI, FLORIDA 33128

36

Form A-10
PROPOSER'S AFFIDAVIT THAT MIAMI-DADE COUNTY TAXES,
FEES AND PARKING TICKETS HAVE BEEN PAID
 (Section 2-8.1(c) of the Code of Miami-Dade County, as amended by Ordinance No. 00-30)
and
THAT PROPOSER IS NOT IN ARREARS TO THE COUNTY
 (Section 2-8.1(h) of the Code of Miami-Dade County, as amended by Ordinance No. 00-67)

I, _____, being first duly sworn, hereby state and certify that the foregoing statements are true and correct:

1. that I am the Proposer (if the Proposer is an individual), or the _____ (fill in the title of the position held with the Proposer) of the Proposer.

2. that the Proposer has paid all delinquent and currently due fees or taxes(- including but not limited to, real and personal property taxes, utility taxes, and occupational taxes)collected in the normal course by the Miami-Dade County Tax Collector, and County issued parking tickets for vehicles registered in the name of the above proposer, have been paid.

3. that the Proposer is not in arrears in excess of the enforcement threshold under any contract, final non-appealable judgement, or lien with Miami-Dade County, or any of its agencies or instrumentalities, including the Public Health Trust, either directly or indirectly through a firm, corporation, partnership or joint venture in which the Proposer has a controlling financial interest For purposes hereof, the term "enforcement threshold" means any arrearage under any individual contract, non-appealable judgement, or lien with Miami-Dade County that exceeds \$25,000 and has been delinquent for greater than 180 days. For purposes hereof, the term "controlling financial interest" means ownership, directly or indirectly, of ten per cent or more of the outstanding capital stock in any corporation, or a direct or indirect interest of ten per cent or more in a firm, partnership, or other business entity.

By: _____, 20 _____
 Signature of Affiant Date

 Printed Name of Affiant and Title

 Federal Employer Identification Number

 Printed Name of Firm

 Address of Firm

SCRIBED AND SWORN TO (or affirmed) before me this _____ day of _____, 20 _____.

by _____ . He/She is personally known to me or has presented

 Signature of Notary Serial Number

 Print or Stamp Name of Notary Expiration Date

Notary Public – State of _____

37

Notary Seal

Form A-12
Code of Business Ethics

In accordance with Section 2-8.1(i) of the Miami-Dade County Code, each person or entity that seeks to do business with the County shall adopt a Code of Business Ethics ("Code") and shall, prior to execution of any contract between the contractor and the County, submit an affidavit stating that the contractor has adopted a Code that complies with the requirements of Section 2-8.1(i) of the Miami-Dade County Code. Any person or entity that fails to submit the required affidavit shall be ineligible for contract award. The Code of Business Ethics shall apply to all business that the contractor does with the County and shall, at a minimum, require that the contractor:

- Comply with all applicable governmental rules and regulations including, among others, the Miami-Dade County Conflict of Interest and Code of Ethics Ordinance and the False Claims Ordinance.
- Comply with all applicable rules and regulations regarding Disadvantaged Business Enterprises, Black Business Enterprises, Hispanic Business Enterprises and Women Business Enterprises (hereinafter collectively Minority Business Enterprises, "MBEs") and Community Small Business Enterprises (CSBE5) and shall specifically prohibit the following practices:
 - Pass-through Requirements. The Code shall prohibit pass-throughs whereby the prime firm requires that the MBE or CSBE firm accept payments as a MBE or CSBE and pass through those payments or a portion of those payments to another entity including, but not limited to the owner/operator of the prime firm;
 - Rental Space, Equipment or Flat Overhead Fee Requirements. The Code shall prohibit rental space requirements, equipment requirements, and/or flat overhead fee requirements, whereby the prime firm requires the MBE or CSBE firm to rent space or equipment from the prime firm or charges a flat overhead fee for the use of space, equipment, secretary, etc.;
 - Staffing Requirements. The Code shall prohibit the prime firm from mandating, as a condition to inclusion in the project, that a MBE or CSBE hire, fire, or promote certain individuals not employed by the prime firm, or utilize staff employed or previously employed by the prime firm.
 - MBE or CSBE staff utilization. The Code shall prohibit the prime firm from requiring the MBE or CSBE firm to provide more staff than is necessary and then utilizing the MBE or CSBE staff for other work to be performed by the prime firm.
 - Fraudulently creating, operating or representing MBE or CSBE. The Code shall prohibit a prime firm including, but not limited to, the owners/operators thereof from fraudulently creating, operating or representing an entity as a MBE or CSBE for purposes of qualifying for certification as a MBE or CSBE.
- The Code shall also require that on any contract where MBE or CSBE participation is purported, the contract shall specify essential terms including, but not limited to, a specific statement regarding the percent of participation planned for MBEs or CSBEs, the timing of payments and when the work is to be performed.
- The failure of a contractor to comply with its Code of Business Ethics shall render any contract between the contractor and the County voidable, and subject violators to debarment from future County work pursuant to Section 10-38(h)(2) of the Code. The Inspector General shall be authorized to investigate any alleged violation by a contractor of its Code of Business Ethics.

CODE OF BUSINESS ETHICS

[Section 2-8.1(i), Code of Miami-Dade County]

I, being duly sworn, hereby state and certify that this firm has adopted a Code of Business Ethics that is fully compliant with the requirements of Section 2-8.1(1) of the Code of Miami-Dade County as amended. I further acknowledge that failure to comply with the adopted Code of Business Ethics shall render any contract with Miami-Dade County voidable, and subject this firm to debarment from County work pursuant to Section 10-38(h)(2) of the Code of Miami-Dade County as amended. I further acknowledge that failure to submit this affidavit shall render this firm ineligible for contract award.

By: _____
Signature of Affiant

_____ 20 ____
Date

Printed Name and Title of Affiant

Federal Employer Identification Number

Printed Name of Firm

Address of Firm

SUBSCRIBED AND SWORN TO (of affirmed) before me this _____ day of _____, 20 ____

He/She is personally known to me or has presented _____ as identification.
Type of Identification

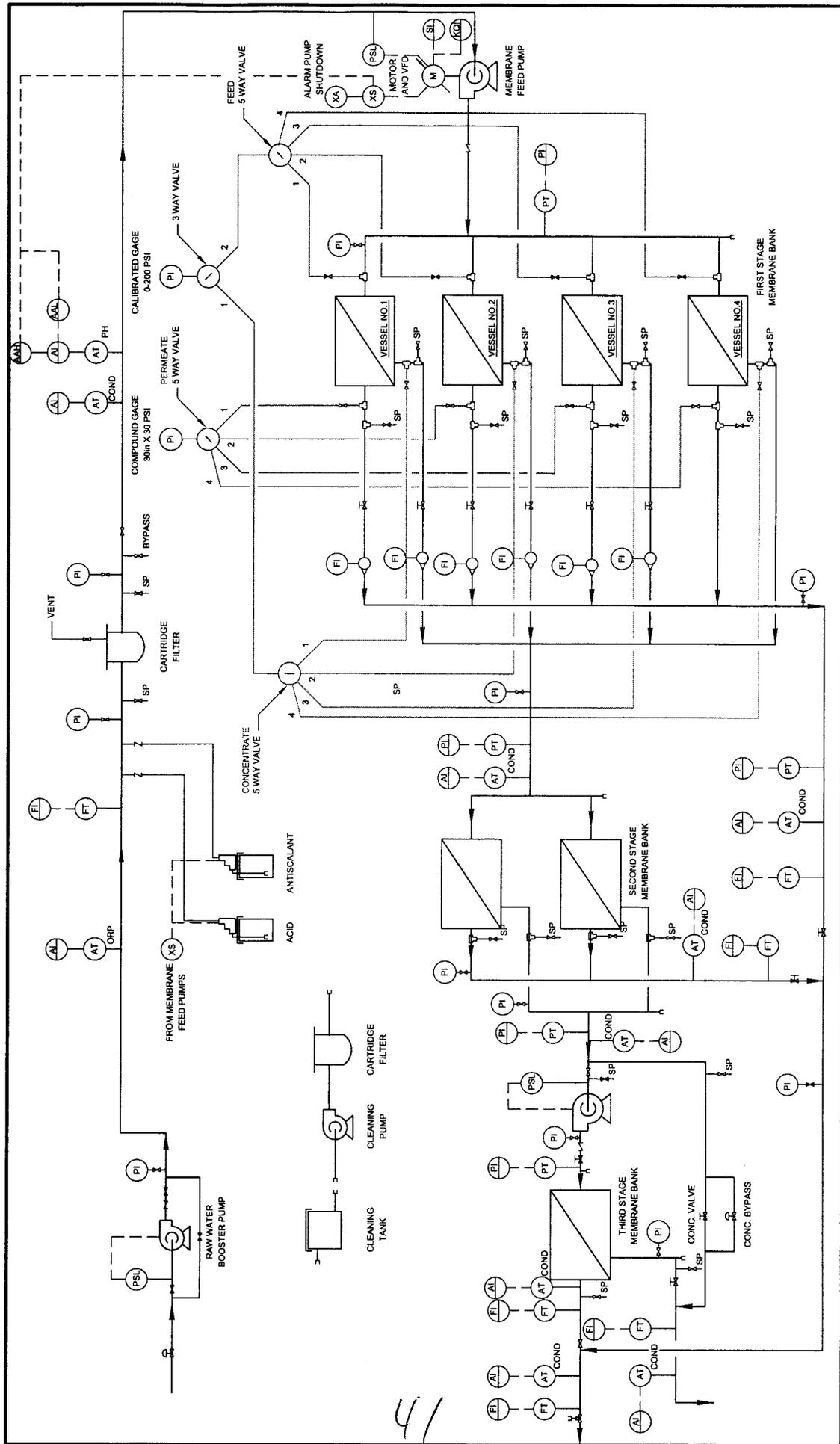
Signature of Notary

Serial Number

Print or Stamped Name of Notary

Expiration Date

Notary Public, State of _____



P:\6430\34599\30P\REPORT\ fig-1 02/20/02 15:52:04 18:38:14 Chinneryag

Figure No. 1
Miami-Dade Water and Sewer Dept.
4:2:1 Array Pilot Test Unit

TABLE ONE

PROJECTED AND REQUIRED WATER QUALITY PERFORMANCE CRITERIA

PARAMETER/CONSTITUENT	UNIT	PROJECTED RAW WATER QUALITY	REQUIRED PERMEATE QUALITY
			Stages 1&2
Bicarbonate	Mg/L	190-280	<175
Barium	Mg/L	0.01-0.02	
Calcium	Mg/L	70-115	
Chloride	Mg/L	8-45	
Color	CU	1-15	<1.0
Fluoride	Mg/L	0.07-0.1	
Hydrogen Sulfide	Mg/L	*	
Iron (Dissolved)	Mg/L	0.15-0.3	
Magnesium	Mg/L	3.0-4.8	
Nitrate	Mg/L as N	1.0- 8.0	<1.0
pH (non-acidified)	--	7.0 - 7.2	
Potassium	Mg/L	3.0-13	
Silica	Mg/L as SiO ₂	4.0-5.0	
Silt Density Index (Post Cartridge Filter) (15 min. @ 30 psi)	--	<4.0	N.A.
Sodium	Mg/L	12-25	
Strontium	Mg/L	0.8-1.1	
Sulfate	Mg/L	20-74	
Temperature	°C	25°	
Sum of Ions	Mg/L	450-590	<300
Total Hardness	Mg/L as CaCO ₃	205-310	4-40
Total Organic Carbon	Mg/L as C	*	<1.0
Total Trihalomethane** Formation Potential	Mg/L	*	<0.04
Haloacetic Acid Formation Potential***	Mg/L	*	<0.03

* Data not yet available

** At formation conditions of pH 8.5, chlorine dose of 6.0 mg/l, water temperature of 24° C, and 72-hour contact time.

*** Total formation potential for the five haloacetic acids regulated under the Disinfectants/Disinfection By-products Rule at formation conditions of pH 8.5, chlorine dose of 6.0 mg/l, water temperature of 24° C, and 72-hour contact time.

K2

Table A-1
 Florida Administrative Code Chapter 62-550
 Primary Drinking Water Standards

<i>Parameters</i>	<i>MCL (mg/L)</i>
Inorganic Contaminants	
Antimony	0.006
Arsenic, Total	0.01
Asbestos	7 MFL
Barium, Total	2
Beryllium	0.004
Cadmium, Total	0.005
Chromium, Total	0.1
Cyanide (as free Cyanide)	0.2
Fluoride (also a Secondary Standard)	4
Lead, Total	0.015
Mercury, Total	0.002
Nickel	0.1
Nitrate (as N)	10 (as N)
Nitrite (as N)	1 (as N)
Total Nitrate and Nitrite	10 (as N)
Selenium, Total	0.05
Sodium	160
Thallium	0.002

Abbreviations used:

MCL = maximum contaminant level;

MFL = million fibers per liter;

mg/L = milligrams per liter

Table A-2
 Florida Administrative Code Chapter 62-550
 Primary Drinking Water Standards

<i>Parameters</i>	<i>MCL (mg/L)</i>
Volatile Organic Contaminants	
1,1-Dichloroethylene (75-35-4)	0.007
1,1,1-Trichloroethane (71-55-6)	0.2
1,1,2-Trichloroethane (79-00-5)	0.005
1,2-Dichloroethane (107-06-2)	0.003
1,2-Dichloropropane (78-87-5)	0.005
1,2,4-Trichlorobenzene (120-82-1)	0.07
Benzene (71-43-2)	0.001
Carbon tetrachloride (56-23-5)	0.003
cis-1,2-Dichloroethylene (156-59-2)	0.07
Dichloromethane (75-09-2)	0.005
Ethylbenzene (100-41-4)	0.7
Monochlorobenzene (108-90-7)	0.1
o-Dichlorobenzene (95-50-1)	0.6
para-Dichlorobenzene (106-46-7)	0.075
Styrene (100-42-5)	0.1
Tetrachloroethylene (127-18-4)	0.003
Toluene (108-88-3)	1
trans-1,2-Dichloroethylene (156-60-5)	0.1
Trichloroethylene (79-01-6)	0.003
Vinyl chloride (75-01-4)	0.001
Xylenes (total) (1330-20-7)	10

Abbreviations used:

MCL = maximum contaminant level;

MFL = million fibers per liter;

mg/L = milligrams per liter

44

Table A-3
 Florida Administrative Code Chapter 62-550
 Primary Drinking Water Standards

<i>Parameters</i>	<i>MCL (mg/L)</i>
Pesticides and PCBs	
2,3,7,8-TCDD (Dioxin) (1746-01-6)	3×10^{-8}
2,4-D (94-75-7)	0.07
2,4,5-TP (Silvex) (93-72-1)	0.05
Alachlor (15972-60-8)	0.002
Atrazine (1912-24-9)	0.003
Benzo(a)pyrene (50-32-8)	0.0002
Carbofuran (1563-66-2)	0.04
Chlordane (57-74-9)	0.002
Dalapon (75-99-0)	0.2
Di(2-ethylhexyl)adipate (103-23-1)	0.4
Di(2-ethylhexyl)phthalate (117-81-7)	0.006
Dibromochloropropane (DBCP) (96-12-8)	0.0002
Dinoseb (88-85-7)	0.007
Diquat (85-00-7)	0.02
Endothall (145-73-3)	0.1
Endrin (72-20-8)	0.002
Ethylene dibromide (EDB) (106-93-4)	0.00002
Glyphosate (1071-83-6)	0.7
Heptachlor (76-44-8)	0.0004
Heptachlor epoxide (1024-57-3)	0.0002
Hexachlorobenzene (118-74-1)	0.001
Hexachlorocyclopentadiene (77-47-4)	0.05
Lindane (58-89-9)	0.0002
Methoxychlor (72-43-5)	0.04
Oxamyl (vydate) (23135-22-0)	0.2
Pentachlorophenol (87-86-5)	0.001
Picloram (1918-02-1)	0.5
Polychlorinated biphenyl (PCB) (1336-36-3)	0.0005
Simazine (122-34-9)	0.004
Toxaphene (8001-35-2)	0.003

45

Table A-4
Florida Administrative Code Chapter 62-550
Primary Drinking Water Standards

<i>Parameters</i>	<i>MCL</i>
Radionuclides	Picocuries per Liter (pCi/L)
Combined radium-226 and radium-228	5
Gross alpha particle activity including radium-226 but excluding radium and uranium	15

TABLE TWO

MEMBRANE SYSTEM PERFORMANCE CRITERIA

PARAMETER	STAGES 1 & 2
Minimum Permeate Capacity (gpm)	17.5
Design Recovery %	85%
Maximum Transmembrane Pressure* (psi) During Prequalification Test	100
Membrane Element Diameter - Nominal (inches)	4
Element Length - Nominal (inches)	40
Area per Element (ft ²)	80-85
Maximum Average Permeate Flux Rate (gfd)	15
Maximum Average Stage One Permeate Water Flux (gfd)	17
Number of Membrane Elements per Pressure Vessel	7
Number of Stages	2
Total Number of Pressure Vessels	3
Number of First Stage Pressure Vessels	2
Number of Second Stage Pressure Vessels	1

Table A-5
 Florida Administrative Code Chapter 62-550
 Secondary Drinking Water Standards

<i>Parameters</i>	<i>MCL (mg/L)</i>
Secondary Standards	
Aluminum	0.2
Chloride	250
Copper, Total	1
Fluoride (also a Primary Standard)	2
Iron, Total	0.3
Manganese, Total	0.05
Silver	0.1
Sulfate	250
Zinc, Total	5
Color	15 color units
Odor	3 TON
pH	6.5-8.5
Total Dissolved Solids	500 ***
Foaming Agents (MBAS)	0.5

Abbreviations used:

MCL = maximum contaminant level

mg/L = milligrams per liter