



THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA  
SCHOOL BOARD ADMINISTRATION BUILDING  
1450 Northeast Second Avenue  
Miami, FL 33132

**BIDDER QUALIFICATION FORM**

**BID NO.** 017-GG06

**BID TITLE** Chiller Service Contract

Direct all inquiries to Procurement Management Services:

BUYER NAME: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

PHONE: (305) \_\_\_\_\_

FAX NUMBER \_\_\_\_\_

TDD PHONE (305) 995-2400

Bids will be accepted until 2:00 PM on December 12, 2006 in room 351, School Board Administration building, 1450 NE 2nd Avenue, Miami, FL., 33132, at which time they will be publicly opened. Bids may not be withdrawn for 120 days after opening. (Refer to Instructions to Bidders, para. IV.B.)

THE SUBMISSION OF THE BID BY THE VENDOR, ACCEPTANCE AND AWARD OF THE BID BY THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA, AND SUBSEQUENT PURCHASE ORDERS ISSUED AGAINST SAID AWARD SHALL CONSTITUTE A BINDING, ENFORCEABLE CONTRACT. UNLESS OTHERWISE STIPULATED IN THE BID DOCUMENTS, NO OTHER CONTRACT DOCUMENTS SHALL BE ISSUED.

I. A. **BIDDER CERTIFICATION AND IDENTIFICATION**

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid; and I certify that I am authorized to sign this bid for the bidder.

B. Vendor certifies that it satisfies all necessary legal requirements as an entity to do business with the School Board of Miami-Dade County, Florida.

II. **INDEMNIFICATION**

The Bidder shall hold harmless, indemnify and defend the indemnities (as hereinafter defined) against any claim, action, loss, damage, injury, liability, cost or expense of whatsoever kind or nature including, but not by way of limitation, attorney's fees and court costs arising out of bodily injury to persons, including death, or damage to tangible property arising out of or incidental to the performance of this Contract (including goods and services provided thereto) by or on behalf of the Bidder, whether or not due to or caused in part by the negligence or other culpability of the indemnity, excluding only the sole negligence or culpability of the indemnity. The following shall be deemed to be indemnities: The School Board of Miami-Dade County, Florida and its members, officers and employees.

III. PERFORMANCE SECURITY, is required on this bid. YES ☐ NO ☐

Refer to **INSTRUCTIONS TO BIDDERS**, para. VII., and VI.

IF PERFORMANCE SECURITY IS REQUIRED, PLEASE INDICATE THE TYPE TO BE FURNISHED:

Performance Bond ☐ Check (Cashier's, Certified, or equal) ☐

**An original, manual signature is required on the Bidder Qualification Form.**  
**(Bidder is requested to use blue ink)**  
**(Do not use pencil)**

**Legal Name of Vendor** \_\_\_\_\_

**Mailing Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

**Telephone No.** \_\_\_\_\_ **E-mail address** \_\_\_\_\_

**By: Signature (Original)**

**Of Authorized Representative** \_\_\_\_\_ **Date** \_\_\_\_\_

**Name (Typed or Printed)**

**Of Authorized Representative** \_\_\_\_\_ **Date** \_\_\_\_\_

# INSTRUCTIONS TO BIDDERS

## NOTICE OF ESTABLISHMENT OF A CONE OF SILENCE

The School Board of Miami-Dade County Public Schools enacts a Cone of Silence from issuance of a solicitation to written recommendation of award. All provisions of School Board Rule 6Gx13-8C-1.212 apply.

### I. PREPARATION OF BIDS

**A. BIDDER QUALIFICATION FORM** qualifies the bidder and the bid and must be completed and submitted as page 1 of the bid.

**1. PERFORMANCE SECURITY.** The form of performance security the bidder will submit, when required to do so, must be furnished. Performance security shall not be submitted with the bid.

**2. BIDDER CERTIFICATION AND IDENTIFICATION.** Bid must contain an original manual signature from an authorized representative. An unsigned bid will be considered non-responsive.

**B. INSTRUCTIONS TO BIDDERS.** Defines conditions of the bid.

**1. ORDER OF PRECEDENCE.** Any inconsistency in this bid shall be resolved by giving precedence in the following order:

- A. Specifications
- B. Special Conditions
- C. Instructions To Bidders

**2. FOR M/WBE designated bids.** The SPECIAL CONDITIONS-Minority/Women owned and controlled Business Participation Statement and the M/WBE Certification Application MUST be completed and SUBMITTED with the bid if the bidder is not certified by Miami-Dade County Public Schools. Failure to submit the completed application with the bid will be considered non-responsive.

**C. BID PROPOSAL FORM.** Defines requirement of items to be purchased, and must be completed and submitted as page 2 and subsequent pages, if any, of the bid. The bidder should indicate his/her name in the appropriate space on each page.

**1. ITEM SPECIFICATION.** Specifying a certain brand, make or manufacturer is to denote the quality, type, and standard of the article desired. Articles offered must be new merchandise only, of equal or superior grade. On blank lines provided, the bidder is requested to insert the brand name, manufacturer's number and other information necessary to sufficiently identify article offered. Failure to do so may prevent consideration of the item. Also, refer to paragraph X. Packaging.

**2. PRICES.** Prices are requested in units of quantity specified in the bid specifications. In case of a discrepancy in computing the total amount of bid, UNIT PRICE quoted will govern. All prices bid shall include delivery F.O.B. destination, freight prepaid (bidder pays and bears freight charges. Bidder owns goods in transit and files any claims) and shall include all cartage, drayage, packing, etc., delivered to and unloaded at the receiving station at the site designated in BID PROPOSAL FORMS and there received by the designated agent of the Board.

**3. TAXES.** The Board does not pay Federal Excise and State taxes on direct purchases of tangible personal property. The applicable tax exemption number is shown on the purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of Board-owned real property as defined in Chapter 192 of the Florida Statutes.

### II. SUBMITTING OF BIDS

**A. BID FORMS AND ENVELOPES.** Bids must be submitted on forms furnished by the Board and in sealed envelopes.

Envelopes must be clearly marked with bid number, bid title and bid opening.

**B. ERASURES OR CORRECTIONS.** When filling out the bid proposal form, bidders are required to complete bid proposal in ink.

- 1. Use of pencil is prohibited.
- 2. Do not erase or use correction fluid to correct an error.
- 3. All changes must be crossed out and initialed in ink.

Those bids for individual items that do not comply with items 1, 2 and 3 above will be considered non-responsive for that item(s).

**C. PLACE, DATE AND HOUR.** Bids shall be submitted by U.S. Mail, Courier/Express Service, or deposited in the BID BOX located in Room 351, 8:00 A.M. to 4:30 P.M., Monday through Friday, SCHOOL BOARD ADMINISTRATION BUILDING, 1450 N.E. Second Avenue, Miami, Florida 33132. Bids received after the date and hour specified in the BIDDER QUALIFICATION FORM will not be considered.

**D. PUBLIC ENTITY CRIMES. Section 287.133(2)(a) Florida Statute.** 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 bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids 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 for a period of 36 months from the date of being placed on the convicted vendor list.

**E. SUBMITTING A "NO BID."** If not submitting a bid at this time, return the form entitled "NOTICE TO PROSPECTIVE BIDDERS." Failure to respond, either by submitting a bid or the "NOTICE TO PROSPECTIVE BIDDERS" form for three consecutive times, may result in the company being removed from the School Board's bid list.

**F. AVAILABILITY OF BID INFORMATION.** Immediately following the public opening, bids will be read, upon request, and then compiled in a tabular form, a copy of which will be available for examination in Procurement Management Services.

### III. CANCELLATION OF BIDS OR REQUEST FOR PROPOSALS

An invitation for bids may be canceled, in whole or in part, as may be specified in the solicitation, when it is in the best interest of the Board. The reasons shall be made a part of the master bid file.

**A.** Prior to opening, a solicitation may be canceled in whole or in part, prior to the date and hour specified in the Bidder Qualification Form for receipt of bids, when the Assistant Superintendent, Procurement Management Services, determines in writing, that such action is in the best interest of the Board for reasons including, but not limited to:

- 1. The Board no longer requires the supplies, services, or construction;
- 2. The Board no longer can reasonably expect to fund the procurement;
- 3. A review of a valid protest filed by a bidder as may be determined by the administrative staff; or
- 4. Proposed amendments to the solicitation would be of such magnitude that a new solicitation is desirable.

**B.** When a solicitation is canceled prior to opening, notice of cancellation shall be sent to all businesses solicited, via facsimile or mail, and bids or proposals returned to the vendor unopened.

The notice of cancellation shall:

- 1. Identify the solicitation;
- 2. Briefly explain the reason for cancellation; and
- 3. Where appropriate, explain that an opportunity will be given to compete on any future re-solicitation for procurements of similar supplies, services, or construction.

#### IV. CHANGE OR WITHDRAWAL OF BIDS

**A. PRIOR TO BID OPENING.** Should the bidder desire to change or withdraw his/her bid, he/she shall do so in writing. This communication is to be received by the District Director, of Procurement Management, Room 352, School Board Administration Building, prior to date and hour of bid opening. The bidders name, the bid number, the bid title and the date the bid is due must appear on the envelope.

**B. AFTER BID OPENING.** After bids are opened, they may not be changed, nor withdrawn, for 90 days after the determined opening date, unless otherwise specified on the "BIDDER QUALIFICATION FORM."

**C. FAILURE TO ACCEPT BID AWARD.** Bidders who, prior to the Bid Award by The School Board of Miami-Dade County, Florida, indicate that they are unable to accept the bid award shall either:

1. Pay to the Board, as liquidated damages, an amount equal to 5% of the unit price bid, times the quantity, or \$10, whichever amount is larger, or
2. Lose eligibility to transact new business with the Board for a period of 14 months from the date the Board acts on the withdrawn bid.

#### V. PROTESTS TO CONTRACT SOLICITATION OR AWARD

**A.** The Board shall provide notice of a decision or Intended decision concerning a solicitation, contract award, or exceptional purchase by electronic posting which can be accessed at the district's website [www.dadeschools.net](http://www.dadeschools.net).

**B.** Any person who is adversely affected by the agency decision or Intended decision shall file with the agency a notice of protest in writing within 72 hours after the posting of the notice of decision or Intended decision. With respect to a protest of the terms, conditions, and specifications contained in a solicitation, including any provisions governing the methods of ranking bids, proposals, or replies, awarding contracts, reserving rights of further negotiation, or modifying or amending any contract, the notice of protest shall be filed in writing within 72 hours after the posting of the solicitation. The formal written protest shall be filed within 10 days after the date the notice of protest is filed. Failure to file a notice of protest or a formal written protest shall constitute a waiver of these proceedings. The formal written protest shall state with particularity the facts and law upon which the protest is based. Saturdays, Sundays, and state holidays shall be excluded in the computation of the 72-hour time periods established herein.

**C.** All notice of protests will be reviewed by Procurement Management Services, who will offer the protesting bidder the opportunity to meet and discuss the merits of the protest. If the protest is not resolved, the bidder may seek an administrative hearing pursuant to §120.57 Fla. Stat., by filing a formal written protest within 10 days after filing the notice of protest. Petitions for hearing pursuant to §120.57 Fla. Stat., must be filed in accordance with School Board Rule 6Gx13- 8C-1.064.

#### VI. AWARDS

**A. RESERVATION FOR REJECTION OR AWARD.** The Board reserves the right to reject any or all bids, to waive irregularities or technicalities, and to request rebids. The Board reserves the right to award on an individual item basis, any combination of items, total low bid or, if an alternate bid is accepted, on such terms as are specified for the alternate bid, whichever manner is in the best interest of the Board.

**B. NOTIFICATION OF INTENDED ACTION** will be posted on the District's website 7-10 days prior to a regularly scheduled Board meeting.

**C. OFFICIAL AWARD DATE.** Awards become official upon the Board's formal approval of the award.

**D. PURCHASE ORDERS.** Purchase orders mailed to successful bidders are the official notification to deliver materials described therein; and the time allowed for delivery begins with the date of the purchase order. In the event that the successful bidder fails to deliver the materials in accordance with the terms and conditions of the bid and purchase order, the bidder shall be considered to be in default of the contract and subject to the default provisions stated in Instructions to Bidders, Section VI. E.

**E. DEFAULT.** A vendor who fails to perform according to the terms of the contract (bid) shall be considered in default. In the event of default, which may include, but is not limited to poor performance and/or non-performance, a vendor shall either (1) pay liquidated damages of 10 percent of the unit price of the item(s) awarded times the quantity when no purchase order has been issued, 10 percent of the purchase order when a purchase order has been issued or \$100, whichever is greater or (2) lose eligibility to transact new business with the Board for a period of 14 months from date of termination of award by the Board. Bidders that are determined ineligible may request a hearing pursuant to Chapter 120 of the Florida Statutes, and School Board Rule 6Gx13- 8C-1.064.

**F.** The intent of the bid documents is to include only the written requirements for materials, equipment, systems, standards and workmanship necessary for the proper execution and completion of the work by the Bidder. The bid documents shall not be construed to create an entitlement to any other scope of work except as specified herein.

#### VII. PERFORMANCE SECURITY (FOR SUCCESSFUL BIDDERS ONLY)

**A. PURPOSE.** A performance bond or check may be required to guarantee performance.

**B. BONDING COMPANY.** Performance Bonds shall be written through a reputable and responsible surety bond agency licensed to do business in the State of Florida and with a surety company or corporation meeting both of the following specifications:

##### 1. Awards Greater than \$500,000

A minimum rating in the latest revision of Best's Insurance Reports of:

<u>Contract Amount</u>	<u>Minimum Rating by A.M. Best</u>
\$ 500,000.01 to \$ 2,500,000	None
\$ 2,500,000.01 to \$ 5,000,000	B + or NA-3
	No Minimum Class
\$ 5,000,000.01 to \$10,000,000	A- Class IV
\$10,000,000.01 or more	A- Class V

Current certificate of authority as acceptable surety on Federal Bonds in accordance with the latest edition of the United States Treasury Department Circular 570 entitled "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" shall be accepted for an amount not exceeding the underwriting limitation thereon.

##### 2. Awards of \$500,000 or Less

Bonds shall be written with a surety company or corporation meeting the qualifications as set forth in Paragraph VII.B. above or the qualifications set forth in section 287.0935, Florida Statutes.

**C. AMOUNT.** When required as defined herein, the firm or individual(s) to whom an award has been made shall execute and deliver to The School Board of Miami- Dade County, Florida, a Performance Bond, Cashier's/Certified Check, or equal.

1. Awards less than \$200,000 shall be exempt from performance security.

2. Performance security shall not be required, unless otherwise defined in the bid specifications. If performance security is required, it shall equal 100% of the award amount.

**D. RELEASE OF PERFORMANCE SECURITY.** Return to the Awardee of his/her cash security, or notification to the Awardee and the bonding company to cancel the performance bond, will be made when all goods/services have been accepted and invoices have been approved for payment.

## VIII. SAMPLES

When bid samples are required, the buyer will notify bidder to submit samples of the items bid in accordance with the following procedures:

A. All samples must be identified with the bidder's name, bid number, item number, and product name and number. Where non-compliance with this requirement is noted, said item may be considered as being unidentifiable and may not be eligible for consideration in the award recommendation.

B. All samples are to be delivered within 7 calendar days after receipt of notification from buyer, unless otherwise stated in the Special Conditions of the bid. If the bidder does not submit samples by the date and time indicated by the buyer, the bid submitted for that item may not be considered for award.

C. Bidder must obtain, from Materials Testing and Evaluation, a signed receipt acknowledging delivery of samples. Bidder shall include a self-addressed, stamped envelope for return of sample receipt when submitting samples by mail or delivery service. The bidder will receive the original copy of the receipt and the duplicate copy will remain with the Miami-Dade County Public Schools receiving department as the file copy. Bidder shall be solely responsible for delivery of samples and for retaining sample delivery receipts, which must be presented in any dispute regarding receipt of bid samples.

D. Samples should be delivered to the following address:

MIAMI-DADE COUNTY PUBLIC SCHOOLS  
MATERIALS TESTING AND EVALUATION  
7040 West Flagler Street  
Miami, Florida 33144  
Telephone Number: 786-275-0780

Miami-Dade County Public Schools will not be responsible for samples sent to a location other than the location mentioned in the bid.

E. **PAYMENT FOR SAMPLES.** The Board will buy no samples and will assume no cost incidental thereto.

F. **RETURN OF SAMPLES.** Samples not destroyed in testing may be claimed by unsuccessful bidders 14 days after bid award date and by successful bidders 14 days after final payment; but the Board will assume no responsibility for samples not claimed within the time specified, and it will pay for no samples damaged in testing.

G. **EVALUATION AND TEST RESULTS.** If a sample submitted for testing does not comply, the buyer will advise the bidder to contact Materials Testing and Evaluation for further details.

## IX. SUBSTITUTIONS

Should the bidder find it necessary to use a material, equipment, product or system other than specified, the bidder shall secure from the Board, through Procurement Management Services, written approval for the use of the alternate materials, equipment, product or system. The Board is not obligated to approve requests for substitutions and has the discretion to require the bidder to provide the materials as specified in the bid documents. In no case shall the bidder be entitled to additional time and/or money arising out of the Board's failure to approve requests for substitutions.

## X. PACKAGING

A. **TYPE.** If packaging is different from that specified, the bidder must note the manner and amounts in which packaging is to be made; otherwise the successful bidder shall furnish packaging as specified. All packaging, wrapping and bundling shall be adequate to insure that materials will be received in undamaged condition. The Board assumes no responsibility for damages of any kind incurred in transit.

B. **CONTAINER IDENTIFICATION.** The following identification shall be printed, stenciled or legibly written in a conspicuous location on each shipping container:

1. BID NUMBER AND/OR PURCHASE ORDER NUMBER
2. VENDOR'S NAME AND/OR TRADEMARK
3. NAME(S) OF ITEM(S) CONTAINED
4. ITEM NUMBER(S) WITH QUANTITY(IES)

## XI. PURCHASES BY OTHER PUBLIC AGENCIES

With the consent and agreement of the successful bidder(s), purchases may be made under this bid by Miami Dade County, Florida, and other governmental agencies or political subdivisions within the State of Florida. Such purchases shall be governed by the same terms and conditions stated herein. This agreement in no way restricts or interferes with the right of any State of Florida Agency or political subdivision to rebid any or all of these items.

## XII. RECYCLING REQUIREMENTS

Miami-Dade County Public Schools supports recycling and recommends the use of recycled products where possible. Vendors are requested to submit a letter, along with their bid, indicating whether each item bid and/or its packaging contains pre-consumer or post-consumer waste, and if the product and/or packaging may be recycled.

## XIII. ENVIRONMENTAL PRODUCTS

Miami-Dade County Public Schools encourages the use of environmentally safe products.

## XIV. DELIVERY AND BILLING

A. **DELIVERY.** Saturdays, Sundays, and holidays excepted, deliveries shall be made as follows: Schools and Departments - 8:00 A.M. to 3:00 P.M. Merchandise shall be unloaded at the receiving station of the designated delivery point and received there by a designated agent of the Board. A delivery ticket, or one copy of the invoice, prepared as indicated below, shall accompany each delivery.

B. **RECEIVING INSPECTION AND TESTING.** Delivered items which do not fulfill all requirements will be rejected. Rejected items shall be removed and replaced promptly by the vendor, at no cost to the purchaser.

C. **INVOICES.** Each invoice shall be issued by the successful bidder and shall be submitted in DUPLICATE to the Accounts Payable Section, P.O. Box 01-2570, Miami, Florida 33101. To be considered for payment, each invoice must show the following information, which appears on the Purchase Order:

1. Purchase Order Number
2. Item Descriptions
3. Quantities and Units
4. Price Extensions
5. Total price of all items on invoice

D. **PAYMENT.** Unless otherwise specified by Miami-Dade County Public Schools, payment will be made only after delivery, authorized inspection, and acceptance. Payment will be made only to the successful bidder, unless otherwise requested, in writing, by the successful bidder and accepted by Miami-Dade County Public Schools Administration. When bidders are directed to send invoices to a school, the school will make directed payment to the bidder.

## XV. NO GRATUITY POLICY

It is the policy of Procurement Management Services not to accept gifts, gratuities, or favors of any kind, or of any value whatsoever, from vendors, members of their staffs, or families.

#### XVI. COMPLIANCE WITH STATE/FEDERAL REGULATIONS

A. All contracts involving federal funds will contain certain provisions required by applicable sections of Title 34, Section 80.36(l) and Section 85.510 Code of Federal Regulations and are included by reference herein. The vendor certifies by signing the bid that the vendor and his/her principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in federally funded transactions and may, in certain instances, be required to provide a separate written certification to this effect.

During the term of any contract with the Board, in the event of debarment, suspension, proposed debarment, declared ineligible or voluntarily excluded from participation in federally funded transactions, the vendor shall immediately notify the Assistant Superintendent, Procurement Management Services, in writing. Vendors will also be required to provide access to records, which are directly pertinent to the contract and retain all required records for three years after the Board makes final payment.

B. For all contracts involving Federal funds in excess of \$10,000, the Board reserves the right to terminate the contract for cause, as well as for convenience, by issuing a certified notice to the vendor.

#### XVII. COMPLIANCE WITH LAWS

Bidders shall comply with all federal, state of Florida and local laws applicable to it and the performance of its obligations under this bid.

#### XVIII. BACKGROUND SCREENING REQUIREMENTS

In accordance with the requirements of sections 1012.32, 1012.465, and 435.04, Florida Statutes (2004) as well as with the requirements of HB 1877, The Jessica Lunsford Act (2005), effective September 1, 2005, Bidder agrees to certify under oath and penalty of perjury by completing the attached Sworn Statement Pursuant to Sections 1012.32, 1012.465, and 435.04, Florida Statutes (2004) and HB 1877, The Jessica Lunsford Act (2005), which is incorporated fully herein by reference, that Bidder and all of its employees who provide or may provide services under this Agreement have completed all background screening requirements as outlined in the above-referenced statutes.

Additionally, Bidder agrees that each of its employees, representatives, agents, subcontractors or suppliers who are permitted access on school grounds when students are present, who have direct contact with students or who have access to or control of school funds must meet level 2 screening requirements as described in sections 1012.32 and 435.04, Florida Statutes, and further upon obtaining level 2 clearance, must obtain a required Board issued photo identification badge which shall be worn by the individual at all times while on Board property when students are present.

Bidder agrees to bear any and all costs associated with acquiring the required background screening - including any costs associated with fingerprinting and obtaining the required photo identification badge. Bidder agrees to require all its affected employees to sign a statement, as a condition of employment with Bidder in relation to performance under this Agreement (bid), agreeing that the employee will abide by the heretofore described background screening requirements, and also agreeing that the employee will notify the Bidder/Employer of any arrest(s) or conviction(s) of any offense enumerated in s. 435.04, Florida Statutes within 48 hours of its occurrence.

Bidder agrees to provide the Board with a list of all of its employees who have completed background screening as required by the above-referenced statutes and who meet the statutory requirements contained therein. Bidder agrees that it has an ongoing duty to maintain and update these lists as new employees are hired and in the event that any previously screened employee fails to meet the statutory standards. Bidder further agrees to notify the Board immediately upon becoming aware that one of its

employees who was previously certified as completing the background check and meeting the statutory standards is subsequently arrested or convicted of any disqualifying offense. ***Failure by Bidder to notify the Board of such arrest or conviction within 48 hours of being put on notice and within 5 business days of the occurrence of a qualifying arrest or conviction, shall constitute grounds for immediate termination of this Agreement(bid) by the Board.***

Failure by Bidder to perform any of the duties described in this section shall constitute a material breach of the Agreement (bid) and default entitling the Board to utilize the provisions of section VI. E of this bid as well as entitling the Board to terminate the Agreement(bid) immediately with no further responsibility for the Board to make payment or perform any other duties under this Agreement (bid).

#### XIX. COMPLIANCE WITH SCHOOL CODE

Bidder agrees to comply with all sections of the Florida K-20 Education Code, Title XLVIII, Florida Statutes as it presently exists, and further as it may be amended from time to time. Further Bidder agrees that failure to comply with the Florida K-20 Education Code shall constitute a material breach of this Agreement (bid) and may result in the termination of this Agreement (bid) by the Board.

#### XX. CHARTER SCHOOLS

Items or Services awarded under this contract shall be made available to Charter Schools approved by the School Board of Miami-Dade County Public Schools. M-DCPS is not responsible or liable for purchases that may be made by Charter Schools.

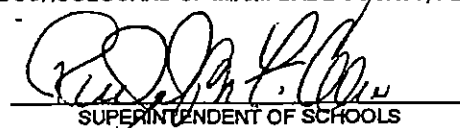
#### XXI. CONFLICT OF INTEREST

Former Miami-Dade County Public Schools employees, classified as Managerial Exempt Personnel, Pay Grade 22 and above, Dade County School Administrators Association, Pay Grade 47 and above, and other equivalent positions, are prohibited from personally representing another person or entity or acting as an agent or attorney for compensation in connection with any matter in which The School Board of Miami-Dade County, Florida, is interested, for two years after the School Board employees' service terminates. This provision is pursuant to School Board Rule 6Gx13 - 4A-1.212 and Florida Statute § 112.313(9).

#### XXII. PUBLIC RECORDS LAW

Pursuant to Florida Statute, it is the practice of M-DCPS to make available for public inspection and copying any information received in response to an invitation to bid or Request for Proposals (RFP). No action on the part of the respondent to a Bid or RFP will create an obligation of confidentiality on the part of the School Board, including but not limited to, making a reference in the response to the trade secret statutes. It is recommended that potential suppliers exclude from their response any information that, in their judgment, may be considered a trade secret.

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

  
SUPERINTENDENT OF SCHOOLS

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FROM: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AFFIX  
POSTAGE  
HERE

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA  
PROCUREMENT MANAGEMENT SERVICES  
ROOM NO. 352 BID BOX  
1450 N.E. 2<sup>ND</sup> AVENUE  
MIAMI, FLORIDA 33132

BID NO.: 017-GG06  
BID TITLE: Chiller Service Contract  
BID OPENING DATE: December 12, 2006

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THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA  
Procurement Management Services

NOTICE OF PROSPECTIVE BIDDERS

**NO BID**

If not submitting a bid at this time, for informational purpose only, detach this sheet from the bid documents, complete the information requested, fold as indicated, staple, affix postage and return address, and mail. **NO ENVELOPE IS NECESSARY.**

**NO BID SUBMITTED FOR REASON(S) CHECKED AND/OR INDICATED:**

**Our company does not handle this type of product/service.**

**We cannot meet the specifications nor provide an alternate equal product.**

**Our company is simply not interested in bidding at this time.**

**OTHER, (Please specify)** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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We do not want to be retained on your mailing list for future bids for this type or product and/or service.

Signature \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

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**NOTE:** Failure to respond, either by submitting a bid or this completed form, may result in your company being removed from the School Board's bid list. To qualify as a respondent to the bid, vendor must submit a *NO BID*.

# Vendor Information Sheet



1A.

Federal Employer Identification Number

Or

Owner's Social Security Number

1B.

Name of Firm, Individual(s), Partners or Corporation

Street Address

City

State

Zip Code

2. Telephone/Fax/Contact Person

Telephone number

Fax number

Contact Person

E-mail address

3. Ownership Disclosure

If the contract or business transaction is with a corporation, partnership, sole proprietorship, or joint venture, the full legal name and business address shall be provided for the chief officer, director, or owner who holds, directly or indirectly the majority of the stock or ownership. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee and each beneficiary. **Post Office addresses are not acceptable.**

Name	Title	Address	Gender	Race-ethnicity	Stock Ownership

**NOTE:** The information provided by the vendor on this form should be consistent with that provided on the "Vendor's Application". All vendors must have a current vendor's application on file with M-DCPS, and have provided information and/or be familiar with M-DCPS' policy regarding the following: (a) Employment Disclosure, (b) Drug Free Workplace, (c) Family Leave Policy, (d) Code of Business Ethics, (e) Conflict of Interest, (f) Perception, (g) Gratuities, and (h) Business Meals. **Failure to provide M-DCPS a current vendor application may cause the vendor not to be awarded any new business with M-DCPS.**

Vendor applications can be downloaded at: <http://procurement.dadeschools.net>



**Miami-Dade County Public Schools**  
**SWORN STATEMENT - NEW CONTRACTS**

ATTACHMENT \_\_\_\_\_  
**SWORN STATEMENT PURSUANT TO SECTION 1012.465,  
FLORIDA STATUTES AS AMENDED BY  
HB 1877, THE JESSICA LUNSFORD ACT**

**THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY  
PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted to The School Board of Miami-Dade County, Fl

(Hereinafter "Board" or "School Board") by \_\_\_\_\_

\_\_\_\_\_  
(Print individual's name and title)

for \_\_\_\_\_

(Print Name of entity submitting sworn statement)

whose business address is \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

and its Federal Employer Identification Number (FEIN) is  
\_\_\_\_\_. If the entity has no FEIN, include the Social Security  
Number (SSN) of the individual signing this sworn statement and so indicate.

2. I, \_\_\_\_\_, am duly authorized to make this  
(Print individual's name and title)  
sworn statement on behalf of \_\_\_\_\_.  
(Print Name of entity submitting sworn statement)

3. I understand that during the 2005 Legislative Session, House Bill 1877, The Jessica Lunsford Act (hereinafter "The Act" or "Act") was passed and approved by Governor Bush on May 2, 2005, with an effective date of September 1, 2005.

\_\_\_\_\_  
Initials

4. I understand that the Act amends the background screening requirements of section 1012.465, Florida Statutes (2004) for all non-instructional school district employees or **“contractual personnel”** by requiring all non-instructional school district employees or contractual personnel who are permitted access on school grounds when students are present to undergo and pass “level 2 background screening,” and further I understand the Act defines **“contractual personnel”** to include any vendor, individual, or entity under contract with the Board.
5. I understand that pursuant to section 1012.465, Florida Statutes as amended by the Act, non-instructional school district employees or contractual personnel who are permitted access on school grounds when students are present, who have direct contact with students or who have access to or control of school funds must meet level 2 screening requirements as described in sections 1012.32 and 435.04, Florida Statutes.
6. I understand that as a \_\_\_\_\_ (eg. a private bus  
Type of entity  
service contractor) all contractual personnel, as defined in section 1012.465, Florida Statutes, must meet level 2 screening requirements as outlined in sections 1012.32 and 435.04, Florida Statutes in order to do business with The School Board of Miami-Dade County, Florida.
7. I understand that “level 2 screening requirements,” as defined in sections 1012.32 and 435.04, Florida Statutes means that fingerprints of all contractual personnel must be obtained and submitted to the Florida Department of Law Enforcement for state processing and to the Federal Bureau of Investigation for federal processing.
8. I understand that the School Board will implement local procedures to comply with level 2 screening requirements, as defined in sections 1012.32 and 435.04. I understand that my company must comply with these local procedures as they are developed.
9. I understand that any costs and fees associated with the required background screening will be borne by my company.
10. I understand that any personnel of the contractor found through fingerprint processing and subsequent level 2 background screening to have been found guilty of, regardless of adjudication, or entered a plea of nolo contendere or guilty to any offense outlined in Section 435.04, Florida Statutes (or any similar statute of another jurisdiction), shall not be permitted to come onto school grounds or any leased premises where school-sponsored activities are taking place when students are present, shall not be permitted direct contact with students, and shall not be permitted to have access to school district funds.

11. I understand that the failure of any of the company's or my affected personnel to meet level 2 screening standards as required by section 1012.465, Florida Statutes, may disqualify my company from doing business with The School Board of Miami-Dade County, Florida.
12. I hereby certify that the foregoing statement is true and correct in relation to the company for which I am submitting this sworn statement. I further certify that this statement is being given knowingly and voluntarily by me on behalf of my company.

The company submitting this sworn statement agrees to be bound by the provisions of SECTIONS 1012.32, 1012.465, AND 435.04 OF THE FLORIDA STATUTES AS AMENDED BY HB 1877, THE JESSICA LUNSFORD ACT 2005.

I CERTIFY THAT THE SUBMISSION OF THIS FORM TO THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA ON BEHALF OF THE COMPANY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE BINDS THE COMPANY TO FULLY COMPLY WITH THE BACKGROUND SCREENING REQUIREMENTS OF SECTIONS 1012.32, 1012.465, AND 435.04, FLORIDA STATUTES.

\_\_\_\_\_  
(Signature)

Sworn to and subscribed before me this \_\_\_\_\_ day or \_\_\_\_\_, 20\_\_.

Personally known \_\_\_\_\_

OR Produced Identification \_\_\_\_\_

Notary Public -State of \_\_\_\_\_

\_\_\_\_\_  
(Type of Identification)

My commission expires \_\_\_\_\_

\_\_\_\_\_  
(Printed typed or stamped commissioned name of notary public)

\_\_\_\_\_  
Initials

## **INDEMNIFICATION AND INSURANCE**

In consideration of this Contract, if awarded, the Vendor agrees without reservation to the indemnification and insurance clauses contained herein. These clauses are attached to and form a part of Bid#017-GG06

### **INDEMNIFICATION**

The Vendor shall hold harmless, indemnify and defend the indemnitees (as hereinafter defined) against any claim, action, loss, damage, injury, liability, cost or expense of whatsoever kind or nature including, but not by way of limitation, attorneys' fees and court costs arising out of bodily injury to persons including death, or damage to tangible property arising out of or incidental to the performance of this Contract (including goods and services provided thereto) by or on behalf of the Vendor, whether or not due to or caused in part by the negligence or other culpability of the indemnitee, excluding only the sole negligence or culpability of the Indemnatee. The following shall be deemed to be indemnitees: The School Board of Miami-Dade County, Florida and its members, officers and employees.

### **INSURANCE**

Prior to being recommended for award, the Vendor has five business days after notification to submit proof of insurance as required herein. Failure to submit a fully completed, original certificate of insurance signed by an authorized representative of the insurer providing such insurance coverages may cause the Vendor to be considered non-responsive and not eligible for award of the Contract. The insurance coverages and limits shall meet, at a minimum, the following requirements:

1. Commercial General Liability Insurance in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage.
2. Automobile Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the operations of the Vendor, in an amount not less than \$300,000 combined single limit per occurrence for bodily injury and property damage.
3. Workers' Compensation Insurance for all employees of the Vendor as required by Florida Statutes.

"The School Board of Miami-Dade County, Florida and its members, officers and employees" shall be an additional insured on all liability coverages except Workers' Compensation Insurance.

The insurance coverage required shall include those classifications, as listed in standard liability insurance manuals, which most nearly reflect the operations of the Vendor.

All Insurance policies shall be issued by companies with either of the following qualifications:

- (a) The company must be (1) authorized by subsisting certificates of authority by the Department of Insurance of the State of Florida or (2) an eligible surplus lines insurer under Florida Statutes. In addition, the insurer must have a Best's Rating of "B+" or better and a Financial Size Category of "IV" or better according to the latest edition of Best's Key Rating Guide, published by A.M. Best Company.

or

- (b) with respect only to the Workers' Compensation insurance, the company must be (1) authorized as a group self-insurer pursuant to Florida Statutes or (2) authorized as a commercial self-insurance fund pursuant to Florida Statutes.

Neither approval nor failure to disapprove the insurance furnished by the Vendor to the School Board shall relieve the Vendor of the Vendor's full responsibility to provide insurance as required by this Contract.

The Vendor shall be responsible for assuring that the insurance remains in force for the duration of the contractual period; including any and all option years that may be granted to the Vendor. The certificate of insurance shall contain the provision that the School Board be given no less than thirty (30) days written notice of cancellation. If the insurance is scheduled to expire during the contractual period, the Vendor shall be responsible for submitting new or renewed certificates of insurance to the School Board at a minimum of fifteen (15) calendar days in advance of such expiration.

Unless otherwise notified, the certificate of insurance shall be delivered to:

Miami-Dade County Public Schools  
Office of Risk and Benefits Management  
1500 Biscayne Boulevard, Suite 127  
Miami, Florida 33132

The name and address of Miami-Dade County Public Schools, as shown directly above, must be the Certificate Holder on the certificate of insurance.

The Vendor may be in default of this Contract for failure to maintain the insurance as required by this Contract. Any questions regarding these requirements should be directed to Ms. La-Chane Clark at 305-995-7133.

MIAMI-DADE COUNTY PUBLIC SCHOOLS

BID PROPOSAL FORM (FORMAT A)

TO: THE SCHOOL BOARD OF MIAMI-DADE COUNTY FLORIDA

BID	BUYER	PAGE
017-GG06	G. Jackson	SC 1

CHILLER SERVICE CONTRACTS

1. **PURPOSE:** The purpose of this bid is to establish a contract to furnish all necessary labor, transportation, material and equipment to test, service, inspect, repair and maintain chillers at the listed locations, in accordance with the attached specifications. The term of the bid shall be from date of award, through December 31, 2008 for locations in Group A and May 1, 2007 through December 31, 2008 for locations in Group B, and may, by mutual agreement between Miami-Dade County Public Schools (M-DCPS) and the awardee(s), be extended for four (4) additional one year periods, and if needed, 90 days beyond the expiration date of the current contract period. Procurement Management Services, may if considering to extend, request a letter of intent to extend from the awardee, prior to the end of the current contract period. All prices shall be firm for the term of the contract. The successful vendor(s) agrees to this condition by signing its bid.
2. **AWARD:** This service contract will be awarded, as a total low, per RMaC to a qualified company meeting the specifications contained herein, capable of inspections, preventive maintenance, repairs, emergency service, materials, parts, labor, training and documentation.
3. **PRE-BID CONFERENCE:** A **pre-bid conference** has been scheduled for December 1, 2006, in the North Training Room at 12525 N.W. 28 Avenue Miami, Florida 33132. All participating vendors are encouraged to attend.
4. **INSURANCE REQUIREMENTS:** Successful vendor(s) are required to have insurance coverage, as specified in the indemnity and insurance form (s), attached hereto and made a part of this bid. The successful vendor(s) must submit completed certificate of insurance form(s), prior to being recommended for award. Failure to submit this form(s), as noted, will result in the vendor(s) not being recommended for the bid award.
5. **ESTIMATED QUANTITIES:** The estimated quantities provided in the bid proposal are for bidder's guidance only. No guarantee is expressed or implied, as to quantities that will be used during the contract period. The School Board of Miami-Dade County, Florida is not obligated to place an order for any given amount, subsequent to the award of this bid. Estimates are based upon M-DCPS's actual needs and usage during a previous contractual period, and include an additional ten percent to cover unanticipated increases in requirements.
6. **SITE INSPECTION:** Prospective vendors are encouraged to make site inspections of typical schools to familiarize themselves with the unique environment where the work is to take place and to establish work procedures that minimize disruption of the school day. The owner's representative is available to answer questions regarding normal work load, average job size, problems, safety considerations, or other conditions unique to this school system. Failure to consider these conditions shall not entitle the awarded vendor to additional compensation after bid award.
7. **UL/CSA/ETL APPROVAL:** All electrical equipment shall bear the approval symbol or name of Underwriters' Laboratories, Inc., The Canadian Standards Association or ETL Testing Laboratories.

MIAMI-DADE COUNTY PUBLIC SCHOOLS

**BID PROPOSAL FORM (FORMAT A)**

**TO: THE SCHOOL BOARD OF MIAMI-DADE COUNTY FLORIDA**

BID 017-GG06	BUYER G. Jackson	PAGE SC 2
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**CHILLER SERVICE CONTRACTS**

8. **VENDOR INFORMATION SHEET:** All bidders are requested to complete the attached Vendor Information Sheet. In order to conduct new business under this bid, M-DCPS requires that the vendor(s) have a current vendor application on file. The information on both documents must be consistent. Failure to comply with this condition may cause the Bidder(s) not to be awarded any new business. Vendor applications can be downloaded at, <http://procurement.dadeschools.net/>
9. **OCCUPATIONAL LICENSE:** Any person, firm, corporation or joint venture, with a business location in Miami-Dade County, Florida, which is submitting a bid, shall meet the County's Occupational License Tax requirements in accordance with Chapter 8A, Article IX of the Code of Miami-Dade County, Florida. Bidders with a location outside Miami-Dade County shall meet their local Occupational Tax requirements. A copy of the license is requested to be submitted with the Bid Proposal. If the Bidder has already complied with this requirement, a new copy is not required while the license is valid and in effect. It is the Bidder's responsibility to resubmit a copy of a new license after expiration or termination of the current license. Non-compliance with this condition may cause the bid not to be considered for award.
10. **ERASURES OR CORRECTIONS:** When filling out the Bid Proposal Form, bidders are required to use a typewriter or complete bid proposal in ink.
1. Use of pencil is prohibited.
  2. Do not erase or use correction fluid to correct an error.
  3. All changes must be crossed out and initialed in ink.
- Those bids for individual items that do not comply with items 1, 2 and 3 above will be considered non-responsive for that item(s).
11. **BID ADDENDUMS:** All bidders should monitor continuously, the M-DCPS, Procurement website, for any addendums that may be posted, prior to the opening of this solicitation. The procurement website, which list all bids, addendums, and award information, is as follows: <http://procurement.dadeschools.net>, (click on) bid solicitation.

MIAMI-DADE COUNTY PUBLIC SCHOOLS

**BID PROPOSAL FORM (FORMAT A)**

**TO: THE SCHOOL BOARD OF MIAMI-DADE COUNTY FLORIDA**

BID 017-GG06	BUYER G. Jackson	PAGE SC 3
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**CHILLER SERVICE CONTRACTS**

12. **CONE OF SILENCE:** A Cone of Silence is applicable to this competitive solicitation. Any inquiry, clarification or information regarding this bid must be requested in writing by FAX or E-mail to:

Greg Jackson, Buyer  
Procurement Management Services  
Fax #305-523-2214  
E-mail: [gjackson@dadeschools.net](mailto:gjackson@dadeschools.net)

A copy of this written request must be sent simultaneously to:

Ileana Martinez, School Board Clerk  
Miami-Dade County Public Schools  
1450 N.E. 2<sup>nd</sup> Avenue, Room 268B  
Miami, Florida 33132  
Fax #305-995-1448  
E-mail: [martinez@dadeschools.net](mailto:martinez@dadeschools.net)

**DEADLINE FOR ANY INQUIRY, CLARIFICATION, OR INFORMATION REGARDING THIS BID SHALL BE ONE WEEK PRIOR TO THE BID OPENING DATE.**



BID 017-GG06	BUYER G. Jackson	PAGE SC 4
CHILLER SERVICE CONTRACTS		

## VENDOR QUALIFICATIONS CHECKLIST

- ☐ State of Florida license as a Mechanical or Class "A" Air Conditioning Contractor
- ☐ Occupational license
- ☐ DERM APCF permit to purchase refrigerant
- ☐ Certificate of competency for the technicians
- ☐ Certificate of EPA Universal Refrigerant Transition and Recovery
- ☐ Name, phone and E-mail of Service Supervisor, Salesperson and Dispatcher
- ☐ Letters of Reference: 2 for chiller service and 2 for water treatment
- ☐ Oil analysis test documentation
- ☐ Certification of Level II Supervisor (Eddy Current Test)
- ☐ Certification of Level III Supervisor (Evaluator)

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

Type or print in this box the
complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS  
 NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
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**Provide air conditioning chiller service at the following locations as per the attached specifications.**

**RMaC 1 - Items 1 through 14A to be awarded on a total low bid basis. Vendors must bid all items, per RMaC, and items 117 through 121 to be considered for award.**

1	Carrier - Centrifugal	7131	Hialeah Miami Lakes Senior	A	24	Cost per Month	
1A	Eddy Current Test				2	Cost per Test	
2	Carrier - Centrifugal	7751	Goleman, Barbara Senior	A	24	Cost per Month	
2A	Eddy Current Test				3	Cost per Test	
3	Dunham - Bush	2161	Golden Glades Elementary	A	24	Cost per Month	
3A	Eddy Current Test				1	Cost per Test	
4	Dunham - Bush	5601	Twin Lakes Elementary	A	24	Cost per Month	
4A	Eddy Current Test				1	Cost per Test	
5	Dunham - Bush - Srew	5051	Graham, Ernest R. Elementary	B	20	Cost per Month	
5A	Eddy Current Test				2	Cost per Test	
6	McQuay - Centrifugal	2181	Good, Joella Elementary	B	20	Cost per Month	
6A	Eddy Current Test				2	Cost per Test	
7	Trane - Centrifugal	6171	Filer, Henry M. Middle	A	24	Cost per Month	
7A	Eddy Current Test				2	Cost per Test	
8	Carrier	6421	Marti, Jose Middle	B	20	Cost per Month	
8A	Eddy Current Test				2	Cost per Test	
9	Trane - Screw	2111	Hialeah Gardens Elementary	A	24	Cost per Month	
9A	Eddy Current Test				2	Cost per Test	
10	Trane - Screw	5991	Wyche, Charles D. Elementary	B	20	Cost per Month	
10A	Eddy Current Test				2	Cost per Test	
11	York - Centrifugal	6231	Hialeah Middle	A	24	Cost per Month	
11A	Eddy Current Test				2	Cost per Test	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

Type or print in this box the
complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
12	York - Centrifugal	7111	Hialeah Senior (East Addition)	B	20	Cost per Month	
12A	Eddy Current Test				2	Cost per Test	
13	York - Screw	7111	Hialeah Senior	A	24	Cost per Month	
13A	Eddy Current Test				2	Cost per Test	
14	York - Screw	7231	Miami Carol City Senior	B	20	Cost per Month	
14A	Eddy Current Test				2	Cost per Test	
<b>RMAC 2 - Items 15 through 30A to be awarded on a total low bid basis. Vendors must bid all items to be considered for award.</b>							
15	Carrier - Screw	2241	Gratigny Elementary	A	24	Cost per Month	
15A	Eddy Current Test				1	Cost per Test	
16	Carrier - Screw	3661	Natural Bridge Elementary	A	24	Cost per Month	
16A	Eddy Current Test				1	Cost per Test	
17	Carrier - Screw	3741	North Beach Elementary	A	24	Cost per Month	
17A	Eddy Current Test				1	Cost per Test	
18	Carrier - Screw	4001	Norwood Elementary	A	24	Cost per Month	
18A	Eddy Current Test				1	Cost per Test	
19	Dunham - Bush	2081	Fulford Elementary	A	24	Cost per Month	
19A	Eddy Current Test				1	Cost per Test	
20	Dunham - Bush	7591	North Miami Senior	A	24	Cost per Month	
20A	Eddy Current Test				2	Cost per Test	
21	Dunham - Bush - Srew	5481	Treasure Island Elementary, On the 79th Street Causeway	B	20	Cost per Month	
21A	Eddy Current Test				1	Cost per Test	
22	Dunham - Bush - Srew	6541	Nautilus Middle	B	20	Cost per Month	
22A	Eddy Current Test				2	Cost per Test	
23	Dunham - Bush - Srew	7141	Krop, Dr. Michael M. Senior	B	20	Cost per Month	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

Type or print in this box the
complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
23A	Eddy Current Test				3	Cost per Test	
24	McQuay - Centrifugal	6631	North Miami Middle	A	24	Cost per Month	
24A	Eddy Current Test				2	Cost per Test	
25	McQuay - Screw	2911	Lentin, Linda Elementary	B	20	Cost per Month	
25A	Eddy Current Test				2	Cost per Test	
26	Trane - Screw	7381	Miami Norland Senior	B	20	Cost per Month	
26A	Eddy Current Test				2	Cost per Test	
27	Trane - Screw	7541	North Miami Beach Senior	B	20	Cost per Month	
27A	Eddy Current Test				2	Cost per Test	
28	York	5141	Hurbert O. Sibley Elementary	A	24	Cost per Month	
28A	Eddy Current Test				2	Cost per Test	
29	York - Screw	3741	North Beach Elementary	A	24	Cost per Month	
29A	Eddy Current Test				1	Cost per Test	
30	York - Screw	5091	South Pointe Elementary	A	24	Cost per Month	
30A	Eddy Current Test				2	Cost per Test	
<b>RMAC 3 - Items 31 through 47A to be awarded on a total low bid basis. Vendors must bid all items to be considered for award.</b>							
31	Carrier - Screw	1401	Drew, Charles R. Elementary, South Chiller Room	B	20	Cost per Month	
31A	Eddy Current Test				1	Cost per Test	
32	Carrier - Screw	6151	Doral Middle	A	24	Cost per Month	
32A	Eddy Current Test				1	Cost per Test	
33	Dunham - Bush - Srew	5381	Stirrup, E. W. F. Elementary	B	20	Cost per Month	
33A	Eddy Current Test				2	Cost per Test	
34	Dunham - Bush - Srew	5431	Sweetwater Elementary	B	20	Cost per Month	
34A	Eddy Current Test				2	Cost per Test	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

Type or print in this box the
complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
35	Dunham - Bush - Screw	7271	Miami Coral Park Senior, West Chiller room	B	20	Cost per Month	
35A	Eddy Current Test				1	Cost per Test	
36	McQuay - Centrifugal	7411	Miami Northwestern Senior	B	20	Cost per Month	
36A	Eddy Current Test				3	Cost per Test	
37	Trane - Screw	6031	Brownsville Middle	B	20	Cost per Month	
37A	Eddy Current Test				2	Cost per Test	
38	Trane - Screw	7251	Miami Central Senior (Science)	A	24	Cost per Month	
38A	Eddy Current Test				1	Cost per Test	
39	Trane - Screw	8119	500 Role Model	B	20	Cost per Month	
39A	Eddy Current Test				1	Cost per Test	
40	Trane - Screw	0101	Arcola Lake Elementary	B	20	Cost per Month	
40A	Eddy Current Test				2	Cost per Test	
41	York - Centrifugal	5101	Smith, John I. Elementary	B	20	Cost per Month	
41A	Eddy Current Test				2	Cost per Test	
42	York - Centrifugal	6121	Dario, Ruben Middle	A	24	Cost per Month	
42A	Eddy Current Test				2	Cost per Test	
43	York - Centrifugal	7251	Miami Central Senior (Main)	A	24	Cost per Month	
43A	Eddy Current Test				2	Cost per Test	
44	York - Centrifugal	7511	Miami Springs Senior	B	20	Cost per Month	
44A	Eddy Current Test				2	Cost per Test	
45	York - Screw	6141	Drew, Charles R. Middle, North Water Chiller Room	B	20	Cost per Month	
45A	Eddy Current Test				2	Cost per Test	
46	York - Screw	7271	Miami Coral Park Senior, East Water Chiller Room	B	20	Cost per Month	
46A	Eddy Current Test				2	Cost per Test	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

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Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
47	York - Screw	7602	Turner, William H. Technical Arts	B	20	Cost per Month	
47A	Eddy Current Test				3	Cost per Test	
<b>RMAC 4 - Items 48 through 72A to be awarded on a total low bid basis. Vendors must bid all items to be considered for award.</b>							
48	Carrier	2741	Key Biscayne Elementary	A	24	Cost per Month	
48A	Eddy Current Test				1	Cost per Test	
49	Carrier	5001	Shenandoa Elementary	A	24	Cost per Month	
49A	Eddy Current Test				2	Cost per Test	
50	Carrier - Screw	6331	Kinloch Park Middle	A	24	Cost per Month	
50A	Eddy Current Test				2	Cost per Test	
51	McQuay - Screw	6361	de Diego, Jose Middle	A	24	Cost per Month	
51A	Eddy Current Test				2	Cost per Test	
52	Trane	6091	Citrus Grove Middle	A	24	Cost per Month	
52A	Eddy Current Test				2	Cost per Test	
53	Trane - Centrifugal	3191	Ada Merrit Elementary	B	20	Cost per Month	
53A	Eddy Current Test				2	Cost per Test	
54	Trane - Centrifugal	6481	Miami Edison Middle	A	24	Cost per Month	
54A	Eddy Current Test				2	Cost per Test	
55	Trane - Centrifugal	6741	Ponce de Leon Middle	B	20	Cost per Month	
55A	Eddy Current Test				2	Cost per Test	
56	Trane - Centrifugal	7791	Washington, Booker T. Senior, East Water Chiller Room	B	20	Cost per Month	
56A	Eddy Current Test				2	Cost per Test	
57	Trane - Centrifugal	9999	S.B.A.B. (Main)	A	24	Cost per Month	
57A	Eddy Current Test				2	Cost per Test	
58	Trane - Screw	2351	Hartner, Eneida M. Elementary	A	24	Cost per Month	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

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complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
58A	Eddy Current Test				2	Cost per Test	
59	Trane - Screw	2741	Key Biscayne Elementary, At the End of Key Biscayne Drive	B	20	Cost per Month	
59A	Eddy Current Test				1	Cost per Test	
60	Trane - Screw	4841	Santa Clara Elementary	A	24	Cost per Month	
60A	Eddy Current Test				2	Cost per Test	
61	Trane - Screw	6011	Allapattah Middle	B	20	Cost per Month	
61A	Eddy Current Test				2	Cost per Test	
62	Trane - Screw	7161	Mast Academy, Across the Roadway from the Sea Aquarium	B	20	Cost per Month	
62A	Eddy Current Test				2	Cost per Test	
63	Trane - Screw	7341	Miami Jackson Senior	B	20	Cost per Month	
63A	Eddy Current Test				2	Cost per Test	
64	Trane - Screw	7461	Miami Senior (Main)	A	24	Cost per Month	
64A	Eddy Current Test				2	Cost per Test	
65	Trane - Screw	9311	SBAB - Jefferson Annex	A	24	Cost per Month	
65A	Eddy Current Test				2	Cost per Test	
66	Trane - Screw	0111	Angelou, Maya Elementary	A	24	Cost per Month	
66A	Eddy Current Test				2	Cost per Test	
67	York	2661	Kensington Park Elementary	A	24	Cost per Month	
67A	Eddy Current Test				1	Cost per Test	
68	York	7071	Coral Gables Senior	A	24	Cost per Month	
68A	Eddy Current Test				2	Cost per Test	
69	York - Centrifugal	3051	L'Ouverture, Toussaint Elementary	A	24	Cost per Month	
69A	Eddy Current Test				2	Cost per Test	
70	York - Centrifugal	4491	Henry Reeves Elementary	B	20	Cost per Month	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
 Chiller Service Contract

**BID PROPOSAL FORM (FORMAT B)**

Type or print in this box the
complete name of the bidder:
Bid #017-GG06
Title: Chiller Service Contracts
Buyer: G. Jackson

**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
70A	Eddy Current Test				2	Cost per Test	
71	York - Screw	3431	Miller, Phyllis R. Elementary	B	20	Cost per Month	
71A	Eddy Current Test				2	Cost per Test	
72	York - Screw	7791	Washington, B. T. Senior, West New Addition, Water Chiller Room	B	20	Cost per Month	
72A	Eddy Current Test				2	Cost per Test	
<b>RMAC 5 - Items 73 through 96A to be awarded on a total low bid basis. Vendors must bid all items to be considered for award.</b>							
73	Carrier - Screw	5121	Snapper Creek Elementary	B	20	Cost per Month	
73A	Eddy Current Test				1	Cost per Test	
74	Carrier - Screw	6041	Bell, Paul W. Middle	B	20	Cost per Month	
74A	Eddy Current Test				2	Cost per Test	
75	Carrier - Screw	6961	West Miami Middle	B	20	Cost per Month	
75A	Eddy Current Test				2	Cost per Test	
76	Dunham - Bush	6211	Glades Middle	A	24	Cost per Month	
76A	Eddy Current Test				1	Cost per Test	
77	Dunham - Bush	2891	Lehman, William Elementary	A	24	Cost per Month	
77A	Eddy Current Test				2	Cost per Test	
78	Dunham - Bush	3111	Matthews, Wesley Elementary	A	24	Cost per Month	
78A	Eddy Current Test				2	Cost per Test	
79	McQuay - Centrifugal	1331	Devon Aire K-8 Center	A	24	Cost per Month	
79A	Eddy Current Test				2	Cost per Test	
80	McQuay - Centrifugal	1371	Douglas, Marjory S. Elementary	B	20	Cost per Month	
80A	Eddy Current Test				2	Cost per Test	
81	Trane	2341	Hall, Joe Elementary	B	20	Cost per Month	
81A	Eddy Current Test				2	Cost per Test	



The School Board of Dade County, Florida  
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Buyer: G. Jackson

PLEASE COMPLETE  
 ALL SHADED AREAS  
 NAME OF BIDDER:

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
82	Trane - Centrifugal	6701	Palmetto Middle	B	20	Cost per Month	
82A	Eddy Current Test				2	Cost per Test	
83	Trane - Centrifugal	7051	Braddock, G. Holmes Senior	B	20	Cost per Month	
83A	Eddy Current Test				3	Cost per Test	
84	Trane - Screw	5061	Finlay, C. J. Elementary	A	24	Cost per Month	
84A	Eddy Current Test				2	Cost per Test	
85	Trane - Screw	6131	Doolin, Howard A. Middle	A	24	Cost per Month	
85A	Eddy Current Test				2	Cost per Test	
86	Trane - Screw	6861	Southwood Middle	A	24	Cost per Month	
86A	Eddy Current Test				1	Cost per Test	
87	Trane - Screw	7721	South Miami Senior	B	20	Cost per Month	
87A	Eddy Current Test				2	Cost per Test	
88	Trane - Screw	0251	Beckham, Ethel Koger Elementary	B	20	Cost per Month	
88A	Eddy Current Test				2	Cost per Test	
89	Trane - Screw	0271	Bent Tree Elementary	B	20	Cost per Month	
89A	Eddy Current Test				2	Cost per Test	
90	York	7121	John A. Ferguson Senior	A	24	Cost per Month	
90A	Eddy Current Test				2	Cost per Test	
91	York - Centrifugal	1811	Fascell, Dante B. Elementary	B	20	Cost per Month	
91A	Eddy Current Test				2	Cost per Test	
92	York - Centrifugal	2021	Floyd, Gloria Elementary	B	20	Cost per Month	
92A	Eddy Current Test				2	Cost per Test	
93	York - Centrifugal	7361	Miami Killian Senior	B	20	Cost per Month	
93A	Eddy Current Test				3	Cost per Test	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
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**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
94	York - Centrifugal	0451	Ashe, Bowman F. Elementary	B	20	Cost per Month	
94A	Eddy Current Test				2	Cost per Test	
95	York - Screw	3541	Moton, R. R. Elementary	A	24	Cost per Month	
95A	Eddy Current Test				2	Cost per Test	
96	York - Screw	6921	Lamar Louise Curry Middle	B	20	Cost per Month	
96A	Eddy Current Test				2	Cost per Test	
<b>RMAC 6 - Items 97 through 116A to be awarded on a total low bid basis. Vendors must bid all items to be considered for award.</b>							
97	Carrier - Screw	2151	Gordon, Jack D. Elementary	A	24	Cost per Month	
97A	Eddy Current Test				1	Cost per Test	
98	Carrier - Screw	7151	Homestead Senior	B	20	Cost per Month	
98A	Eddy Current Test				3	Cost per Test	
99	Carrier - Screw	0661	Caribbean Elementary	B	20	Cost per Month	
99A	Eddy Current Test				2	Cost per Test	
100	Dunham - Bush	2651	Kendale Lakes Elementary	A	24	Cost per Month	
100A	Eddy Current Test				2	Cost per Test	
101	Dunham - Bush - Srew	7781	Varela, Flex Senior	B	20	Cost per Month	
101A	Eddy Current Test				3	Cost per Test	
102	McQuay - Centrifugal	5961	Winston Park Elementary	B	20	Cost per Month	
102A	Eddy Current Test				2	Cost per Test	
103	McQuay - Centrifugal	7531	Miami Sunset Senior	B	20	Cost per Month	
103A	Eddy Current Test				2	Cost per Test	
104	McQuay - Centrifugal	0651	Campbell Drive Elementary	B	20	Cost per Month	
104A	Eddy Current Test				2	Cost per Test	
105	Carrier	0671	Calusa Elementary	A	24	Cost per Month	

The School Board of Dade County, Florida  
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**PLEASE COMPLETE  
 ALL SHADED AREAS**

**NAME OF BIDDER:**

Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
105A	Eddy Current Test				2	Cost per Test	
106	McQuay - Screw	5791	West Homestead Elementary	B	20	Cost per Month	
106A	Eddy Current Test				1	Cost per Test	
107	McQuay - Screw	0161	Avocado Elementary	B	20	Cost per Month	
107A	Eddy Current Test				1	Cost per Test	
108	Trane - Centrifugal	7101	Coral Reef Senior	A	24	Cost per Month	
108A	Eddy Current Test				3	Cost per Test	
109	Trane - Screw	2941	Saunders, Laura C. Elementary	B	20	Cost per Month	
109A	Eddy Current Test				2	Cost per Test	
110	Trane - Screw	4511	Porter, Dr. Gilbert L. Elementary	B	20	Cost per Month	
110A	Eddy Current Test				2	Cost per Test	
111	Trane - Screw	5981	Whigham, Dr. Edward L. Elementary	B	20	Cost per Month	
111A	Eddy Current Test				2	Cost per Test	
112	Trane - Screw	6761	Redland Middle	A	24	Cost per Month	
112A	Eddy Current Test				2	Cost per Test	
113	Trane - Screw	6781	Richmond Heights Middle, West Chiller Room	B	20	Cost per Month	
113A	Eddy Current Test				2	Cost per Test	
114	York - Centrifugal	6221	Hammocks Middle	A	24	Cost per Month	
114A	Eddy Current Test				2	Cost per Test	
115	York - Centrifugal	7701	South Dade Senior, Main West Chiller Room	B	20	Cost per Month	
115A	Eddy Current Test				2	Cost per Test	
116	York - Screw	6081	Centennial Middle	A	24	Cost per Month	
116A	Eddy Current Test				2	Cost per Test	
117	Labor rate for additional service					Per Hour	

The School Board of Dade County, Florida  
 Bid # 017-GG06  
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NAME OF BIDDER:
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Item	Manufacture Type/ Description	Loc #	School	Group	EST. QTY	UNIT	UNIT PRICE
118	% Discount off OEM parts (40% minimum)					% Discount	
119	% Discount off OEM equipment (40% minimum)					% Discount	
120	% Markup on non-OEM parts (20% maximum)					% Mark-up	
121	% Markup on non-OEM equipment (20% maximum)					% Mark-up	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
FULL SERVICE  
AIR CONDITIONING CHILLER CONTRACT SPECIFICATIONS**

**PART 1 - GENERAL**

**1.0 PURPOSE:**

- A. It is the intention of the Miami- Dade County Public Schools to establish firm, fixed prices for services as specified herein from a source(s) of supply that will give prompt and professional service. This shall be a Full Service Contract, as defined herein.
- B. This Full Service Contract establishes a contract to:
  - 1. Furnish all labor, material and equipment to institute a continuing and comprehensive program of inspections, preventive maintenance, emergency repair and routine repair services, including all water chiller compressor overhauls, for all of the air-conditioning and water treatment equipment, including but not limited to, cooling towers, HVAC, structural components, chilled water pumps and associated piping listed on this contract's unit price sheets.
  - 2. The vendor shall regularly and systematically inspect all water chiller equipment, it's operation, at frequencies stated herein, and as conditions warrant, adjust, lubricate, clean, repair or replace parts necessary to keep the equipment in proper and safe operating condition in accordance with OEM specifications.
  - 3. All work performed under this contract shall be inclusive of any and all premium time necessary to meet the terms and conditions of this contract.

**1.1 DEFINITIONS:**

- A. **M-DCPS:** Miami-Dade County Public Schools, also referred to as the District, the School Board or the Board.
- B. **Full Service Air Conditioning Chiller Contract:** Goods and services covered under this contract include the furnishing of all materials, tools, equipment, labor, services, permits, and licenses necessary for **FULL SERVICE** coverage, including, but not limited to the inspection, preventive maintenance, emergency repair and routine repair of air conditioning chiller systems, related equipment and components. Also included but not limited to, is water treatment of the cooling tower(s), in accordance with specifications contained herein, OEM specifications and recommendations, industry standards, federal, state and local laws, rules and regulations.
- C. **Additional Services:** Services not covered under the base bid.

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- D. **M-DCPS Authorized Representative:** Shall mean the M-DCPS employee(s) and/or firm(s) designated by M-DCPS Maintenance Operations to request and/or schedule any work or service, inspect and accept for payment, the work covered by this contract. Maintenance Operations will designate M-DCPS Authorized Representatives and provide an updated listing to the awarded vendor.
- E. **Vendor:** Shall be an industrial Heating, Ventilating and Air Conditioning (HVAC) service company with experience in providing full air conditioning water chiller service.
- F. **Full-time Employees:** Persons employed by the vendor and classified as full time employees under the guidelines and codes of The State of Florida Department of Labor.
- G. **MSDS:** Material Safety Data Sheets.
- H. **OEM:** Original Equipment Manufacturer.
- I. **Contract Effective Date:** As determined by the Board Award.
- J. **Technician:** A skilled worker holding a current Certificate of Competency as a Journeyman in the General Mechanical Category issued by Miami-Dade County or Broward County and holding a valid EPA approved Universal Refrigerant Transition and Recovery Certification of Completion Card.
- K. **FBC:** Florida Building Code.
- L. **Emergency Service:** An unexpected situation or occurrence that demands two (2) hour response by the vendor, that develops due to system failure, power loss, acts of nature or any life threatening situation for building occupancy, or as declared at the sole discretion of an M-DCPS Authorized Representative.
- M. **Routine Service:** Regularly schedule work not deemed to be an emergency.
- N. **Written Notice:** Shall mean delivery of a certified or registered letter to the vendor=s last known business address, or confirmed facsimile or e-mail transmission to the Owner or vendor.

**1.2 REFERENCES:**

- A. Florida Building Code (FBC)
- B. Underwriters Laboratories (UL)
- C. Chapter 489, Part I, Florida Statutes
- D. American Society for Testing and Material (ASTM)
- E. Occupational Safety and Health Act (OSHA)
- F. American Society of Heating, Refrigeration and Air-Conditioning Engineers Standards (ASHRAE).

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- G. Department of Environmental Resource Management (DERM)
- H. Environmental Protection Agency (EPA)
- I. American Society for Nondestructive Testing (ASNT)
- J. M-DCPS Master Specifications Guidelines, Division 15, Mechanical.
- K. M-DCPS Master Specifications Guidelines, Division 16, Electrical.

(Note: These Master Specifications may be accessed on the internet at <http://facil.dade.k12.fl.us/facplan/MasterSpec.htm>)

**1.3 VENDOR QUALIFICATIONS AND REQUIREMENTS:**

- A. At the time of bidding, and throughout the term of this contract, the vendor shall hold and maintain an active valid certified license with The Department of Business and Professional Regulation of the State of Florida as a Mechanical or Class A Air Conditioning Contractor. Copies of the vendor's Florida State license, current Miami-Dade County Occupational License and DERM APCF permit to purchase refrigerant should be submitted with the bid proposal.
- B. The vendor shall employ, throughout the term of this contract, at least one full time technician possessing a current Certificate of Competency for every ten (10) facilities that the vendor is awarded. The vendor should submit with the bid, copies of current Certificates of Competency from Miami-Dade County or Broward County for each technician that will be servicing M-DCPS Air Conditioning equipment. The vendor shall ensure that technicians not having a valid Certificate of Competency will not be permitted to work on M-DCPS equipment.
- C. The vendor's technicians shall be properly trained in refrigerant handling, recovery, and storage. Technicians shall have successfully completed the EPA Universal Refrigerant Transition and Recovery Certification Program and shall be so certified. The vendor should submit with the bid, copies of all technicians' EPA Universal Refrigerant Transition and Recovery Certification.
- D. The vendor shall maintain offices, shop facilities, and personnel located in Miami-Dade, Broward, Monroe, or Palm Beach County. The vendor shall be accessible, toll free by telephone from Miami-Dade County during regular business hours. The vendor should submit a list of the name(s) and phone number(s) of their service supervisor(s), service salesmen, and service dispatcher(s). An answering service for emergencies shall be available as stated in Section 1.7, (D) this contract.
- E. The vendor should submit with the bid, letters of reference from two (2) full service contract customers during the past four (4) year period having the same water chiller manufacturer and compressor types contained in the bid, stating that the vendor's service has been satisfactory. The customers' referenced facilities must be located either in Miami-Dade, Broward, Monroe, or Palm Beach counties. The vendor shall not use M-DCPS as a reference.
- F. The vendor should submit with the bid, two letters of reference on their customers'

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letterhead, referring to the vendor's water treatment service having been satisfactory for at least two (2) years. The references should be relevant to M-DCPS water treatment equipment and similar Metro Dade County quality of water.

- G. The vendor should submit with the bid, documentation that the person performing the oil analysis test has experience in the evaluation of oil samples. The evaluator shall have at least three (3) years of experience performing oil analysis.
- H. The vendor should submit with the bid, documentation stating that the person performing Eddy Current Tests is at least a Certified Level II Supervisor and that the company's evaluator is a Certified Level III Supervisor, pursuant to Section 3.5 of these specifications
- I. All required vendor qualification documents should be submitted with the bid. However, all qualification documents must be submitted and evaluated by M-DCPS before the vendor is recommended for award. During the term of this contract, any change in the license status of the vendor, vendor's subcontractor(s), or technicians' certificate status, should be reported, in writing, to the M-DCPS Authorized Representative within five (5) working days of occurrence.
- J. The vendor is required, and shall have the capability, to simultaneously perform all work described herein at multiple locations throughout Miami-Dade County on a timely basis.
- K. It is the responsibility of the vendor to comply with all codes and regulations having jurisdiction for work to be performed under this contract.
- L. Vendor shall assure that no use of any controlled substance including alcohol shall occur on M-DCPS premises as outlined in Board rule 6GX13-4-1.05. A fine of \$500 may be assessed for the first offense and termination of the contract for the second offense.
- M. All personnel employed by the vendor, including any subcontractor and subcontractor's employees when applicable, shall display at all times an identification badge which shall include the employee's name, the employer's name and either a physical description or a photograph of the employee. Employees without proper identification shall not be permitted to work on M-DCPS property.
- N. The vendor's employees, subcontractors and its employees, and any other personnel, including material men engaged in any activities encompassed by this term bid are strictly forbidden from participating in any manner and form of interaction with students of Miami-Dade County Public Schools. Violation of this provision may result in removal of the individual(s) involved from the school site, the project, and further, the vendor may be prohibited from employing the individual in any future work with M-DCPS performed under this term bid.

**1.4 NO PRE-EXISTING WARRANTY**



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None of the equipment covered under this contract is warranted in any way. The awarded vendor is solely responsible for all covered equipment from the date of award. The vendor shall be fully responsible for all of the air conditioning equipment "as is" covered under this contract as of the contract effective date.

**1.5 SITE INVESTIGATIONS**

- A. The vendor should have visited the facilities and should have inspected all equipment, to be fully acquainted and familiarized with conditions as they exist, and the operations to be carried out. The vendor should make such investigations as appropriate, to fully understand the difficulties and restrictions involved, while attending to the execution of the work with minimal disruption to the operations of the facility. The vendor should also thoroughly examine and be familiar with all the specifications of this contract.
- B. It is the responsibility of the vendor to examine the equipment prior to submittal of their bid. The bid price shall include monthly inspections, water treatment service and all repairs necessary to bring all covered equipment up to OEM specifications and to keep the equipment in operating condition within OEM specifications throughout the life of this contract. Failure or omission of the vendor to examine any instructions or documents, or any of the required reference in Section 1.1, or any part of the specifications, or to visit the facility and become acquainted with the nature and location of the work, the general and local conditions and all matters which may in any way affect performance shall not relieve the vendor of any obligation to perform as specified herein. The vendor understands the intent and purpose thereof and his obligations hereunder, and will not make any claim for, or have any right to damages resulting from any misunderstanding or misinterpretation of this agreement, or because of any lack of information.
- C: Information on the "Equipment Sheet" regarding any details or the omission of any details shall not negate or infringe on the prime objective of this contract, which is to have the air conditioning equipment at the specified facilities in operating condition, in accordance with OEM specifications. Only the best industrial practices are to prevail, and only materials and professional workmanship of the highest quality are to be used. It is required that the vendor within six months of award update the "Equipment Sheet" and continue to update these sheets until the contract expires.

**1.6 M-DCPS RESERVES THE RIGHT TO:**

- A. Replace and/or retrofit water chillers, cooling towers and related equipment covered under the terms of this contract. Any such action by M-DCPS shall not entitle the vendor to additional remuneration for services required under this contract.
- B. Continue the existing contract with the current service vendor after successful installation and start-up of any new air conditioning equipment.

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- C. Establish meetings with the vendor and any subcontractors to discuss their services. If such a meeting is called, vendor attendance is mandatory.
- D. Withhold payment for any services required by this contract which have not been rendered.
- E. Issue a purchase order for additional services.
- F. Withhold the final one-twelfth (1/12) of the value of the contract at the end of the contract period. Final payment to the vendor shall be contingent upon the following conditions:
  - 1. Prior to the expiration of the contract, M-DCPS may inspect all equipment serviced by the vendor under this contract and document any deficiencies.
  - 2. The vendor will be notified, in writing, of the deficiencies which have been identified and will be required to remedy the deficiencies at least ten (10) days prior to the end of this contract. Said remedy will be subject to M-DCPS inspection and approval.
  - 3. If the vendor fails to effect an acceptable remedy within the stated time, M-DCPS, at its sole discretion, may effect an appropriate remedy by whatever means it chooses, and the cost of such shall be borne by the vendor.
  - 4. The vendor's liability shall not be limited to one-twelfth (1/12) of the value of the contract withheld, if the costs incurred by M-DCPS to remedy the vendor's deficiencies exceed that amount.
  - 5. Only after deficiencies have been corrected will the final payment of the one-twelfth (1/12) value of the contract withheld be paid to the vendor, less the costs incurred by M-DCPS to remedy any deficiencies.
- G. Add or Delete Facilities.
  - 1. The vendor agrees that facilities and/or water chiller equipment may be added to this contract. The fee for such additions will be based upon similar equipment already under a full service contract.
  - 2. During the term of this contract, M-DCPS may, at its sole discretion, delete any facility from the contract. Should a facility be deleted, the vendor will be given a thirty (30) day written notice of intent to delete a facility from the contract, and the fee for that facility will be deducted from future payments to the vendor.

**1.7 QUALITY ASSURANCE**

- A. Emergency Response:

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Where an emergency is deemed to exist by a M-DCPS Authorized Representative, the vendor shall be required to respond with a verbal notice to proceed. This response must result in the arrival of technicians at the affected facility within two (2) hours of notification, 24 hours a day, 7 days a week, 365 days a year, all year.

B. Routine Service:

1. Routine service will be initiated by the vendor in accordance with OEM specifications and the terms of this contract.
2. Routine service will be scheduled so as to minimize any loss of air conditioning. The vendor shall make every effort to schedule the work, in order to avoid disruption of the facility operations.

C. System Failure:

Should any of the vendor's activities through commission or omission result in HVAC system failure, or shutdown of any part of the air conditioning chiller system, the vendor is required to immediately inform the M-DCPS Authorized Representative and follow up with a written notice within 24 hours. The written notification shall state the reason the equipment is not in service, when repairs will be completed and when the system is expected to be back in full operation. The vendor shall make every effort to expedite the service and minimize the disruption (the cooling effectiveness) to the location being serviced and shall employ every ordinary and extraordinary effort to minimize loss of air conditioning effect including renting temporary equipment (chiller and/or cooling towers) within 24 hours of notification.

D. Vendor Accessibility:

Vendor shall be accessible by a local or toll free telephone call in Miami-Dade County, during regular business hours. Local answering service for emergencies shall be available twenty-four (24) hours a day, seven (7) days per week. An email address also needs to be provided to all RMaCs.

E. System Condition:

Any time services are provided, the vendor shall ensure that the HVAC systems are left in an operable condition. The vendor shall document all performed services with the invoices.

F. Stoppage of work:

M-DCPS reserves the right to stop work on any project if, in the opinion of the M-DCPS Authorized Representative or the Inspector;

1. Materials or work are not in conformance with the specifications, applicable

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codes, standards, specifications and/or accepted practices.

2. The vendor's activities results in damage to District property.
3. The vendor's activities interfere with the normal operation of the facility or its program.
4. Vendor's personnel are not properly licensed.
5. Any other condition, situation, or circumstance which, in the opinion of the M-DCPS Authorized Representative or Inspector, would be a detriment to the best interests of the District if allowed to persist.

G. Inspection of Work

1. M-DCPS reserves the right to inspect the vendor's work at any time to assure compliance with all terms and conditions of the contract. All work will be inspected pursuant to applicable codes as referenced within this document. If applicable, the vendor will provide M-DCPS with a written request for inspection at least forty-eight (48) hours prior to the requested inspection date. Vendor will have personnel present during the scheduled inspections.
2. All deficiencies noted by a M-DCPS Authorized Representative will be submitted to the vendor for correction. Within thirty (30) calendar days after submission of deficiencies to the vendor, an inspection of the air conditioning water chiller system may be conducted to insure corrective action was taken. Should the deficiencies not be corrected, the vendor shall be liable for any cost incurred by M-DCPS to insure correction. This may include, but not necessarily be limited to, additional inspections, repairs and meetings.

## 1.8 PERMITS

This work will be generally accomplished under the auspices of the Annual Maintenance Permit issued to each facility. The vendor shall not be responsible for obtaining this Permit. However, a specific building permit will be required for any category of work administered and supervised by any M-DCPS department other than Maintenance Operations and certain projects defined by the Florida Building Code.

## 1.9 PERFORMANCE SECURITY

Vendors shall not be required to submit performance security in order to be initially awarded a service contract under this solicitation. However, in the event that the value of an individual project meets the criteria specified in Florida Statute 255.05, and reflected by M-DCPS Board Rule 6Gx13-3C-1.08, the vendor awarded the project shall provide performance security for that project in the amount and manner established in the INSTRUCTIONS TO BIDDERS.

**1.10 SUFFERANCE**

- A. Failure by M-DCPS to invoke any of its rights under this contract shall not constitute a waiver of these rights nor prevent their exercise.
- B. Exercise of any sanction provided for in this contract shall not preclude the District from pursuing remedies available through law, rule or any other provision of this contract.

**1.11 SUBCONTRACTING:**

- A. The awarded vendor shall be the primary service provider and shall perform all monthly inspections and repairs. Subcontracting for base services is not allowed.
- B. Any work or service to be performed by a subcontractor must have the prior approval of M-DCPS. M-DCPS reserves the right to reject any subcontractor. Rejection of any subcontractor shall not entitle the vendor to adjustment of bid prices. The vendor shall inform the M-DCPS Authorized Representative prior to scheduling any subcontractor's visit to any M-DCPS facility.
- C. Failure by the vendor to have a subcontractor approved by M-DCPS will not relieve the vendor of the responsibility to meet, comply with, and fulfill all of the terms and conditions of this contract.
- D. The vendor shall be held fully responsible and liable for the supervision and performance of all work performed by subcontractors. M-DCPS shall not be responsible for resolution of disputes between the vendor and any subcontractor.
- E. All subcontractors shall meet the minimum requirements stated herein.

**1.12 OMISSIONS FROM THE SPECIFICATIONS:**

The apparent silence of this specification and any addendum regarding any details or the omission from the specification of a detailed description concerning any point shall not negate or infringe on the prime objective of this contract, which is to have the air conditioning equipment at the specified facilities in operating condition, in accordance with OEM specifications. Only the best industrial practices are to prevail, and only materials and professional workmanship of the highest quality are to be used. All interpretations of these specifications shall be made upon the basis of this understanding.

**PART 2 - PRODUCTS**

**2.1 PARTS:**

- A. All replacement parts shall be subject to the approval of the M-DCPS Authorized Representative. M-DCPS may, at its sole discretion, specify the parts and materials to be used to perform any work or service rendered under this contract. If requested,

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damaged or worn parts shall be submitted for inspection to the M-DCPS Authorized Representative.

- B. All parts and materials provided under this agreement shall be new or factory rebuilt, purchased from the OEM, free from defects, guaranteed suitable for the intended use and warranted for at least one (1) year. Non-OEM parts shall not be used, unless the vendor has prior approval from the M-DCPS Authorized Representative.
- C. The vendor at their own expense shall obtain parts in the most expeditious manner available, which includes overnight air shipping and special fast track ordering.

**2.2 REFRIGERANT RECOVERY EQUIPMENT AND REFRIGERANT SUPPLY:**

- A. The vendor shall have a refrigerant recovery unit(s) and refrigerant storage tanks specifically manufactured and approved for this purpose. Tanks shall be large enough to hold the full refrigerant charge of any one chiller covered under this contract. Used refrigerant containers are not to be substituted for a refrigerant storage tank.
- B. At the request of the M-DCPS Authorized Representative, the vendor's recovery equipment shall be made available for inspection, either at the vendor's office or at the M-DCPS facility where refrigerant recovery will take place.
- C. The vendor shall assure that an adequate supply of refrigerant be available, at the vendor's expense, to maintain the water chillers fully charged throughout the term of the contract.

**2.3 MANUALS:**

The vendor shall have in possession, the manufacturer's service and operation manual(s) for water chillers being serviced under this contract and shall provide one (1) complete set of the manual(s) to M-DCPS within fifteen (15) days upon request by a M-DCPS Authorized Representative.

**PART 3 EXECUTION**

**3.0 INCLUDED SERVICES:**

- A. The vendor shall provide complete maintenance, service, repair, and/or replacement for the water chiller electrical equipment, motors, electrical wiring up to 6" from point of connection, water flow safety controls, cooling tower fan speed controls, lead-lag controls, auto start after power failure controls, all controls supplied with water chillers, pumps, cooling tower fans, air compressors, air dryers, and internal parts for disconnect switches, starters, solid state starters, contactors, relays, variable speed drives, breakers, fuses.
- B. Inspections, routine and emergency repairs, overhauls, and preventive maintenance shall be performed in strict accordance with the OEM's specifications, recommendations and schedules. Overhauls may be required to properly maintain the equipment during the term of this contract. Such overhauls shall be performed at

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vendor's expense.

- C. The vendor, or its subcontractor, shall supply all chemicals, parts, materials, testing and labor required to maintain the water treatment system. The water treatment vendor shall fill out and sign the M-DCPS water treatment log sheet at the appropriate facility during each visit. (A log sheet will be located near the water treatment equipment at each facility).
- D. All labor, materials, testing and parts required for the repair and preventive maintenance of the specified equipment, including, but not limited to, all refrigerants, lubricants, chemicals, paints, belts, lamps, 'o' rings, bearings, and gaskets and other repair parts.
- E. Rewinding of motors, which shall be performed by a service center authorized by the motor's OEM and/or the M-DCPS Authorized Representative.
- F. Megging tests of water chiller motors, water pump motors, and cooling tower fan motors shall be conducted not later than ninety (90) days after the contract effective date. The test results shall be recorded on the vendor service report.
- G. Insulation removed shall be reinstalled in a manner consistent with manufacturer's instructions for application. Any insulation material, wrap or adhesives, suspected of containing asbestos shall be reported to M-DCPS for analysis.
- H. Paint shall be maintained where required to prevent deterioration of the equipment.
- I. Eddy Current tests shall be conducted not later than ninety (90) days after the contract effective date. The vendor shall perform Eddy Current testing using a M-DCPS approved third party vendor. Copies of the Eddy Current test shall be provided to the M-DCPS Authorized Representative. Refer to Section 3.5 for specifications and procedures for Eddy Current testing.
- J. The vendor shall, within thirty (30) days of conducting the Eddy Current Test, provide M-DCPS with a cost proposal for any and all repairs indicated by the test. If the current vendor is also the previous vendor, all repair costs indicated by the test and tube sheet inspection will be at the current vendor's expense.
- K. M-DCPS, at its sole discretion may issue a purchase order to the vendor to replace tubes, plug tubes, epoxy coat tube sheets and replace condenser and evaporator isolation valves found to be defective during the Eddy Current Test. Refer to Section 3.6 for Tube Sheet Epoxy Coating specifications.
- L. The vendor shall:
  - 1. Inspect, test, maintain, service, calibrate, repair or replace, as required, all shut-off valves, check valves, float valves within the condenser and chilled water loops in the water chiller room and cooling tower area.

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2. Inspect, test, calibrate, repair or replace, as required, all thermometers in the condenser and chilled water loop within the water chiller room.
  3. Inspect, maintain, service, repair or replace, as required, all oil lines piping and hoses for cooling tower gear boxes.
  4. Inspect, test, maintain, service, calibrate, repair or replace, as required, all components for the pneumatic supply air system in the water chiller room and cooling tower area.
  5. Inspect, test, maintain, service, overhaul, repair or replace, as required, all components for the chilled and condenser water pumps.
  6. Inspect, test, maintain, service, overhaul, repair or replace, as required, cooling tower fan motors, coupling, shafts, fan blades, belts, pulleys, bearings, gear boxes, cooling tower water makeup float valves.
  7. Inspect, test, maintain, service, repair or replace, as required, the chilled water make up pressure regulator or float valve, water pressure safety relief valve, back flow check valve, bypass quick fill water valve, vent valves, strainers, gauges, sight glasses and expansion tank.
- M. On a monthly basis, the vendor shall inspect the structural components of the cooling tower and chiller installation for corrosion and shall report any identified deficiencies or defects to the M-DCPS Authorized Representative.
- N. The vendor will be required to perform an inspection of all facilities immediately after a storm or other such event and provide an evaluation of the operational condition of each unit under the contract.
- O. Permanent taps with caps for temporary chillers are to be added when overhauls are performed on existing equipment.

**3.1 EXCLUDED SERVICES:**

- A. Repairs or replacements which are necessitated by documented and verifiable vandalism, external forces, or other natural disasters such as flood, hurricane. Normal power fluctuations or failure are not considered to be a external forces.
- B. Maintenance and repair of controls which are part of the Energy Management System. Should the vendor identify any deficiencies of these controls, the vendor shall immediately notify the M-DCPS Authorized Representative, and the Department of Energy Management at 305-995-1550.
- C. Removal of material containing asbestos. If any material is suspected of containing asbestos, the vendor shall not disturb the suspected material, and shall immediately



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notify the M-DCPS Authorized Representative.

**3.2 SERVICE REQUESTS:**

- A. Calls for service shall be initiated by the M-DCPS authorized representative or designee. Only the M-DCPS Authorized Representative or designee shall be authorized to request services under this contract.
- B. The vendor shall respond upon oral or written notification, delivered by any means including facsimile or other electronic medium, from the M-DCPS authorized representative or designee to any service request. This response must result in the arrival of a properly trained technician at the affected site within two (2) hours after notification in the case of an Emergency Service request, or twenty-four (24) hours in the case of a Routine Service request. The vendor shall complete all repairs within the same day as arrival on-site. If repairs are not completed within this time period, the vendor shall immediately notify the M-DCPS authorized representative, in writing, stating the reason for the delay and establishing a completion date. Failure to comply shall be evidence of vendor negligence, and may result in penalties and sanctions, including, but not limited to termination of the contract.
- C. The vendor is required to respond, as required, from 7:00am to 10:00pm, seven (7) days a week, including holidays, at no additional cost to M-DCPS.

**3.2 ADDITIONAL SERVICES:**

- A. Additional services may be authorized at the discretion of the M-DCPS Authorized Representative for work not covered by the base bid. The vendor may only be asked to provide additional water chiller service for the same water chiller manufacturer, compressor type they have been awarded a full service contract. The additional services may be performed at any M-DCPS site.
- B. The vendor may be asked to provide a quote for additional services to any existing air handling units, unit ventilators, fan coil units, water pumps, cooling towers, piping, insulation, valves, pneumatic controls, electronic controls, miscellaneous air conditioning mechanical components and accessories at any M-DCPS site.
- C. Work performed shall comply with OEM standards and with the requirements of the references listed under Paragraph 1.2 of these specifications. M-DCPS reserves the right to inspect the vendor's work at any time to assure compliance with all terms and conditions of the contract.
- D. Additional Services labor rates for qualified technicians shall not exceed \$75.00 per hour, per technician.
- E. Material cost for additional services shall be as follows:

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1. Water Chiller OEM Products:
  - a. M-DCPS shall receive at least 40% off the most recent OEM published list price. The vendor shall supply the M-DCPS Authorized Representative with the OEM's most recent published price list sheet for all part needed. The percentage of discount will be entered in the appropriate line item on the Bid Proposal Form.
  - b. Vendors shall complete and submit Form A (attached) for all additional service quotes.
2. Miscellaneous Items, Parts, Materials and Services (non-OEM items). M-DCPS reserves the right to obtain quotations from the awarded vendor, or other approved vendors, for miscellaneous items.
3.
  - a. For parts, materials, supplies and services for which there is no published OEM price list, the vendor shall markup (over the vendor's cost) no greater than 20%. The vendor shall supply proof of purchase invoice copy for all purchased parts. The percentage of mark up shall be entered in the appropriate line item on the Bid Proposal Form.
  - b. Vendor shall complete and submit Form B (attached) for all quotations where miscellaneous items are required.
4. The vendor shall not perform any additional service, or services not covered or excluded in this contract, unless authorized by a M-DCPS Authorized Representative via a purchase order.

**3.3 MAINTENANCE PROCEDURES:**

**A. Water Chiller Equipment:**

1. Inspect, test, maintain, service, calibrate, overhaul, repair or replace as set forth in the OEM service and operations manuals.
2. Perform annual water chiller compressor oil analysis test, change oil where analysis report indicate corrective action is required and change refrigerant and oil filter as set forth in the OEM operation service manuals. Copies of all oil analysis shall be provided to the M-DCPS Authorized Representative.
3. Oil samples must be removed from water chiller compressor while under operating temperatures, with at least 300 hours of operation time on the sample. Oil sample containers must be able to be sealed to eliminate moisture contamination.
4. Once each month, the vendor shall record the following information and a report with the results shall be sent to M-DCPS Authorized Representative:

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- a. Discharge pressure
  - b. Discharge temperature
  - c. Suction pressure
  - d. Suction temperature
  - e. Oil pressure
  - f. Oil temperature
  - g. Chilled water return temperature
  - h. Chilled water supply temperature
  - i. Condenser water supply temperature
  - j. Condenser water return temperature
  - k. Chiller motor amps on each leg
  - l. Chiller motor voltage on each leg
5. The vendor shall annually remove condenser heads and inspect condenser tubes and tube sheets for corrosion and effects of the water treatment program. Additional openings of condensers and/or evaporators shall be performed to clean and/or brush the tubes, as required to insure proper operation and performance of the equipment within the manufacturer's specification. The M-DCPS Authorized Representative and water treatment vendor shall be notified at least twenty four (24) hours in advance, to allow M-DCPS inspection of condensers and/or evaporators during all disassembles.
6. Tube Cleaning:
  - a. Tubes shall be brushed with a nylon or fiber brush attached to a smooth steel or aluminum rod designed for cleaning water chiller tubes. The cleaning rods shall not have rough joints or areas that can cause damage to the tubes while in use. Tubes can be cleaned with a flexible shaft rotating inside a watertight nylon casing which transports water from the tube cleaning machine to the nylon rotating brush.
  - b. The use of stainless steel brushes and cutting/buffing tools will be permitted only with prior approval of the M-DCPS Authorized Representative. Materials and equipment used must be as recommended by the OEM and approved by the M-DCPS Authorized Representative.
  - c. The M-DCPS Authorized Representative must be notified twenty four (24) hours prior to all acid cleaning, tube plugging and/or epoxy coating.
- B. Cooling Towers, Water Strainers, and Water Pumps:
  1. Inspect, test, maintain, service, calibrate, overhaul, repair or replace as needed

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mechanical parts of cooling tower, cooling tower fans, fan motors, fan drives, all condenser and chiller water pumps, motors, couplings, starters, circuit breakers, makeup water float and valve assemblies and any other equipment or controls needed for proper cooling tower operation, including the cooling tower water temperature control.

2. The cooling tower shall be drained, cleaned, and flushed annually or more often as needed to insure proper operation. Condenser water strainers are to be cleaned each time the cooling tower is cleaned and additionally as required. Chilled water pump strainers are to be cleaned as needed. No high pressure equipment shall be used in cooling tower cleaning.
  - a. The vendor shall notify their water treatment vendor of the cooling tower cleaning schedule. The water treatment vendor shall promptly service the chemical system, and balance the chemical treatment levels.
3. Annually, perform cooling tower gear box oil change.
4. Furnish complete water treatment services as frequently as required, but no less than once monthly, to prevent the build-up of mud and scale, eliminate corrosion in the condenser, evaporator, piping, and to control biological growth in the water cooling towers.

C. Pneumatic Control System:

1. Inspect, test, maintain, service, calibrate, overhaul, repair or replace as required pneumatic control system components including, but not limited to:
  - a. Pneumatic control compressor(s).
  - b. Compressor motor(s) and starter(s).
  - c. Drive belt(s) and sheaves(s).
  - d. Air Receiver(s) and automatic drain valve(s).
  - e. Air dryer(s).
  - f. Pressure reducing valve(s).
  - g. Oil and water separator(s) and filter(s).
  - h. Pressure switch(s) and alternator control(s).
  - i. Annually perform air compressor crank case oil change.
2. The vendor shall be responsible for the following:
  - a. Provide factory approved air compressor oil, filters and all components in the pneumatic control system.
  - b. Log air compressor(s) run time and off time on the monthly inspection report and ensure that the air compressor(s) are functioning correctly.

- c. If the air compressor(s) run time increases and off time decreases and the water chiller room is free of pneumatic system leaks, the vendor shall notify the M-DCPS Authorized Representative of the leaks outside of the water chiller room.

### 3.4 WATER TREATMENT:

#### A. Water Treatment Supplies and handling:

1. The water treatment vendor shall supply all chemicals, parts, materials, testing and labor required to maintain the water treatment system during the contract period.
  - a. The water treatment chemicals shall not be mixed, formulated, reformulated or otherwise altered in any way after the product has left the original manufacturing plant and/or while at any M-DCPS facility.
  - b. Sufficient chemical supplies shall be maintained at the facilities to prevent treatment interruption due to the exhaustion of supplies. Chemicals shall not be drop shipped to any M-DCPS facility by a freight shipper. Removal and disposal of excess supplies shall be the responsibility of the vendor.
  - c. Within thirty (30) days of award of this contract, and before the chemical product can be used at any M-DCPS facility, the vendor shall supply to the M-DCPS Water Treatment Department=s Authorized Representative, Material Safety Data Sheets for all formulations used, product data sheets, fully describing proper dosages, handling, and feeding, a confidential certificate of composition of analysis, instructions for analytical procedures used to obtain all desired control limits, warranty of full compliance with local, state, and federal pollution laws with the normal use of the product. Additional Material Safety Data Sheets shall be displayed in a holder near the water treatment equipment, as required by OSHA, and shall also be provided to any M-DCPS staff upon request.
2. Corrosion Inhibitors: The formulation used for treatment of the cooling tower water shall be a highly concentrated liquid blend of corrosion inhibitors and sequestering agents. It shall successfully inhibit scale formations in the tower/condenser system at concentrations of 5-7 cycles in Miami-Dade water, and 3.5 - 4.0 cycles in those locations where the make-up water is the equivalent of Homestead City Water. Corrosion inhibition shall be provided for ferrous and non-ferrous metals. Maximum permissible rates shall be 0.5 mpy for copper and 3.5 mpy for mild steel. The corrosion/scale inhibitor shall be a concentrated alkaline blend of phosphonates, polyphosphates, polymeric

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dispersants, sequestering agents and azoles. No acid treatments are permitted. Use of molybdate other than as a tracer is not permitted. The cooling tower water shall be maintained with a Langelier Index of not less than + 0.5 and magnesium-silicate factor of not more than 35,000. Upon request, the water treatment vendor shall supply M-DCPS with the required testing reagents to verify the inhibitor levels.

3. Biocides: Two or more different biocides, including at least one oxidizer and other non-oxidizer applied alternately, shall be used to effectively prevent the growth of algae, fungi, slime or other undesirable forms of bacterial life. Application shall be as needed in concentrations and frequency to maintain system cleanliness, heat transfer, and to avoid corrosion caused by microbiological fouling. The biocide program shall use dosage and frequency rates designed to keep the total bacteria count in the tower water below a maximum of 10,000 cfu/ml, as measured by the EZ Cult or Saki Strip method. The oxidizing microbiocide shall be a bromine or a bromo-chlorine releaser. The non-oxidizing microbiocide shall be a broad spectrum product, effective at a pH range of 8-9. All products used shall meet all local, state and Federal regulations for discharge into sewage systems. The EPA registration numbers shall be listed on each biocide's container's label.
4. Closed Loop Treatment: Chilled water treatment of the closed loop system shall be a concentrated liquid chemical solution of borate buffers, nitrite, and other corrosion inhibitors for ferrous and non-ferrous metals, and sequestrants in appropriate amounts to prevent rust, corrosion, scale, pitting, and sludge accumulation. Nitrite residuals maintained throughout the system shall be 300-600 ppm with a pH within the range of 8.5 -11.
5. Corrosion Coupons: Provide corrosion coupons for a continuous corrosion study of both copper and mild steel in the condenser water. A minimum number of at least one (1) coupon of each metal shall be removed for analysis each calendar quarter. The corrosion rate will be determined by weight loss and reported each quarter, however such tests shall be conducted no less than forty (40) days apart and no more than (120) days apart. The corrosion rate of mild steel shall not exceed 3.5 mils (.0035 in.) per year. The corrosion rate for copper shall not exceed .5 mil (.0005 in.) per year.
6. Analysis: Complete analytical services shall be provided, as needed, for analysis of unusual cooling water samples, scale, sludge, rust, other corrosive products, and microbiological studies to insure the minimizing of these problems throughout all circulating systems. The results shall be sent to the M-DCPS Authorized Representative.
7. Water Treatment Equipment: Inspect, test, maintain, service, calibrate, repair or replace as required, all water treatment equipment, including the solenoid bleed valve, monitoring, and pumping equipment. All chemical controllers, pumps, timers, strainer, 4 way function valves, safety flow

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controls, check valves, tubing, plastic drums, and corrosion coupon racks shall be maintained in good operating condition; if not repairable, they shall be replaced only with equipment authorized in the M-DCPS Master Specifications, Section 15545. Any malfunctioning equipment shall be repaired or replaced within five (5) working days. Temporary replacements shall be corrected with permanent, approved equipment within forty-five (45) days.

8. Emergency Service: The vendor shall provide emergency service calls for the water treatment equipment and related problems as needed. Prompt clean-up of any chemical leaks, or spills shall be provided by, and be the responsibility of, the vendor and shall respond to properly clean up any chemical spill or leak within twenty four (24) hours. All clean-up work shall be in accordance with MSDS recommendations and shall be in conformance with EPA and DERM regulations.
  - a. When requested, the water treatment representative shall be required to meet with the M-DCPS Authorized Representative to discuss the water treatment program, and to train M-DCPS technicians on the safe handling and testing of their chemicals.
  - b. Water treatment service shall be conducted after the chiller service contract vendor's annual shut down and cleaning operations.
9. Water Treatment Reports shall be filed pursuant to Part 9 of these specifications.

### **3.5 EDDY CURRENT TESTING SPECIFICATIONS AND PROCEDURES**

#### **A. SCOPE**

This Section defines specifications and procedures for performing Eddy Current Inspections of water chillers, condensers and cooler tubes. The Eddy Current testing must be in accordance with ASTM Standards E243, E426, and E571.

#### **B. PURPOSE:**

To detect and evaluate all known defects as listed herein for the purpose of preventative maintenance and repair and to maximize tube bundle serviceability.

#### **C. REFERENCES:**

1. ASTM Standard:  
E248, Definitions of Terms Relating to Electromagnetic Testing.
2. ASNT, SNT-TC-1A

**D. TESTING COMPANY:**

1. The company performing the test shall have specific knowledge of heat exchanger and tube geometry, tube discontinuities and the limitations of the applied Non-Destructive Test Method.
2. The company performing the test shall conduct yearly training seminars and provide updated technical information as it becomes available.
3. The company performing the test shall make available to its field technicians, assistance and consultation with a certified Level III Supervisor as necessary to insure inspection accuracy.

**E. TESTING EQUIPMENT:**

1. Industry accepted Eddy Current Test instruments able to detect defects and discontinuities as listed herein.
2. Probes used for the inspection of tubing ranging in size from .500 inches to 1.000 inches shall incorporate a cross-axial coil configuration and have a minimum fill factor of .80 inches.
3. Modifications of equipment to achieve greater sensitivity shall be made as required.

**F. MINIMUM EQUIPMENT:**

1. Eddy Current Test Instrument.
2. Cross axial test probes, with a minimum fill factor of .80 for the tube being tested.
3. Probes must be capable of operating in the differential mode at the various frequencies necessary to perform the specific test. Special wound probes are permitted if the requirements of this Section are met.
4. A strip chart recorder capable of recording either the X or Y channel will be operational and present.
5. A magnetic tape recording can be performed upon request.

**G. CALIBRATION STANDARD:**

1. Machined calibration standards that match the tube configurations, alloy, outside diameter, and wall thickness are used for instrument calibration. Standards contain simulated defects as listed in the following Table.



**CALIBRATION STANDARDS TABLE**

- a. Simulated 180 degree support wear cut of sufficient depth and width to gauge defect severity on all types of tubes inspected.
- b. Support wear is gauged using a simulated support ring of the same width and material found in the machine being tested.
- c. 100% 1/16 and 3/32 through holes used to gauge the severity of ID pits.
- d. 360 degree OD grooves of sufficient depth and width to gauge OD metal loss severity on all type of tubes inspected.
- e. Calibration referenced standards can be made as required to accommodate specific applications.

**H. PERSONNEL QUALIFICATIONS:**

- 1. Personnel shall be certified and qualified in accordance with the requirements of ASNT document SNT-TC-1A and shall meet the requirements as listed below.
  - a. **LEVEL I:** Helper status; minimum of thirty (30) days experience in testing of heat exchanger tubing under the direct supervision of Level II or Level III certified technician.
  - b. **LEVEL II:** Minimum of one (1) year field experience in testing heat exchanger tubing and have demonstrated proof of proficiency through written and practical test results.
  - c. **LEVEL III:** Minimum of four (4) years field experience in testing heat exchanger tubing and have demonstrated proof of proficiency through written and/or practical tests.

**I. TEST PROCEDURES:**

- 1. Minimum probe fill factor of .80 or greater.
- 2. Test speed shall exceed 1.0 foot per second.
- 3. One hundred percent of tubes shall be inspected unless specified otherwise.
- 4. Test instrument calibration is to be checked every two hours, at the beginning and end of each inspection.

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5. Personnel performing the inspection shall be certified at least Level II, unless specified otherwise.
6. A tube chart map shall be prepared of the tube bundle being inspected. In addition to plugged, restricted or inaccessible tubes, all defects and discontinuities shall be noted on the prepared tube chart.
7. Where applicable, all damage and/or discontinuities shall be identified on the tube chart in divisions of deflection to illustrate the defect pattern, its location and severity.
8. Inspection Data Sheets and/or magnetic recordings can be supplied as an option when required.

**J. REPORT REQUIREMENTS:**

An on-site informal verbal report is given to zone mechanic or ACR foreman upon test completion. A final written report shall be submitted within fifteen (15) days, and as a minimum, shall include the following information:

1. Vessel Information Sheet which includes the date, test location, technician's name, unit model and serial number, tube specifications, test end, row and tube numbering.
2. Summary of the inspection shall provide defect descriptions and their percentage of the bundle for the different types and degrees of defects to permit selective plugging or replacement.
3. Tube bundle layout (tube chart) with defective tubes marked, and identified by legend.
4. Strip charts of each type of damage shall be provided to show the defect location, lengthwise in the tube. Defects will be labeled on strip charts to identify type and location of damage so that sample tubes may be removed for verification. A good tube shall be strip charted to use for comparison against the defective tube strip charts.
5. A calibration strip chart of the machined calibration referenced standard used, shall be included for correlation of tube damage severity.
6. A calibration settings and procedures.
7. Recommendations for corrective action based on past experience and industry accepted criteria.
8. Personnel reviewing the report shall be certified by a Level III Supervisor, in accordance with Recommended Practice SNT-TC-1A, Latest Edition.

**K. DEGREE OF DEFECTS AND DISCONTINUITIES THE EDDY CURRENT TEST MUST LOCATE**

1. ID Pitting .030 diameter and larger.
2. OD Pitting .030 diameter and larger.
3. ID Defect or Gouge in tube.
4. Longitudinal Crack.
5. Longitudinal Flaw.
6. Radial Crack.
7. Radial Flaw.
8. OD Metal Loss (corrosion) .005 or greater.
9. OD Corrosion at the Supports .005 or greater.
10. OD Wear at the Supports .002 or greater.
11. OD Deposits.
12. OD Defects, damage.
13. ID Erosion/Metal Loss, ID Defects.
14. Freeze Bulge (Land Area) .015 or greater.
15. Freeze Bulge in the Finned Area.
16. Mechanical Expansion (Land Area/Finned Area).
17. Tube Plugged/Removed.
18. Tube Dented.
19. Tube Constricted.
20. Tube Restricted.
21. Misformed Land Area.
22. Missed Expansion.
23. Not Expanded.
24. Abnormal Indications, Loss or No Loss.

**3.6 TUBE SHEET EPOXY COATING SPECIFICATIONS**

- A. Epoxy coating vendor shall have at least two (2) years experience coating condenser tube sheets with epoxy. It is preferred that the sandblasting and the coating of sheet with epoxy be done by the same company.
- B. Vendor shall supply Material Safety Data Sheet (MSDS) before work is started. Epoxy coating shall contain no asbestos.
- C. Asbestos removal shall be the responsibility of M-DCPS.
- D. Epoxy shall be the type that is typically used in the condenser tube sheet coating business. New products without a history of success shall not be used.
- E. Epoxy shall be non-shrinkable.
- F. Epoxy shall have compressive strength of 13,000 psi in accordance with ASTM D695.

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- G. Epoxy shall have flexural strength of 10,000 psi in accordance with ASTM D790.
- H. Epoxy shall have tensile shear adhesion of 27,000 psi mild steel in accordance with ASTM D1002.
- I. Epoxy shall have hardness of Rockwell R104 in accordance with ASTM D785.
- J. Epoxy must cure in 12 hours at 75EF to light loading machining strength.
- K. Epoxy shall be applied the same day as sandblasting is done.
- L. Before any epoxy coating is applied, Eddy Current testing shall be done and any tubes needing to be replaced or plugged shall be completed.
- M. The vendor shall state the number of days it will take to complete work.
- N. If the condenser tube sheet is known to be leaking, refrigerant shall be removed and the condenser placed in a vacuum. M-DCPS requires that all condensers be in a vacuum while epoxy coating is being applied, for safety and EPA Clean Air Act requirements.
- O. The vendor shall be responsible for the removal of condenser water box heads, modified divider plates and shall replace needed gaskets, reinstall condenser heads and return the water chiller to operation leaving the area affected by this work in broom-clean condition. Any equipment or area damaged by the vendor shall be restored to original conditions.
- P. The epoxy coating shall be applied to both tube sheets, including the area beyond the gasket. Water box heads are only to be epoxied at the request of M-DCPS. The first layer of epoxy coating shall not be applied by spraying. Spraying is allowed only after the first layer of epoxy coating has been applied.
- Q. The epoxy coating shall be warranted against shrinkage, peeling, water leakage behind the epoxy, or rusting through the coating for a minimum period of five (5) years.

### **PART 4      WARRANTY**

- A. All workmanship and materials supplied by the vendor, other than epoxy coating, shall be warranted for a minimum period of one (1) year, and the vendor shall remedy any defects for a minimum of one (1) year from the date of final acceptance. Epoxy coating shall be warranted against shrinkage, peeling, water leakage behind the epoxy, or rusting through the coating for a minimum period of five (5) years. All labor and, materials used, shall be documented on the vendor=s service reports. Report format shall be as approved by M-DCPS Authorized Representative.

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- B. Upon written notice, the vendor shall remedy any defects due thereto and pay all expenses for any damage to other work resulting there from. Unless otherwise specified, warranty repairs shall be corrected immediately upon receipt of the written notice.
- C. If the vendor, after notice, fails to proceed promptly with the terms of the warranty, M-DCPS may have the defects corrected and the vendor will be liable for all expense incurred. Such action shall not relieve the vendor of further warranty liability.
- D. Neither the final payment nor any provision in the contract documents shall relieve the vendor of the responsibility for negligence, defects of manufacture, latent defects, faulty materials and/or workmanship to the extent of and within the period provided by law.
- E. The provisions of this Article apply to work done by subcontractors, as well as to work done by direct employees of the vendor. The vendor shall be the responsible entity for work performed by subcontractors

**PART 5 NON-EXCLUSIVITY:**

- A. M-DCPS reserves the right to perform, or cause to be performed, the work and services herein described in any manner it sees fit, including, but not limited to, award of other contracts, or to perform the work with its own employees.

**PART 6 TERMINATION AND REMEDY:**

- A. M-DCPS reserves the right to terminate, without cause, any work awarded under this contract, or to cancel this contract in its entirety, upon thirty (30) days written notice to the vendor.
- B. In the event that the vendor fails to perform any of the services in a satisfactory manner and in compliance with the terms and conditions of this contract, M-DCPS shall notify the vendor, in writing, of the deficiencies, and a specific time frame for correction of such deficiencies. If correction is not effected in an acceptable manner within the allocated time, M-DCPS may, after written notice of default to the vendor, accomplish the work in any manner it chooses. The vendor will be liable for all expense incurred. Such action shall not relieve the vendor of further warranty liability.
- C. In the event that the vendor exhibits negligence in pursuit of any of the services required under this contract, the M-DCPS Authorized Representative may recommend immediate termination of the vendor.

**PART 7 FACILITY USE, WASTES, CLEAN UP AND PROTECTION:**

- A. The vendor shall conform to all applicable OSHA, state and local regulations while

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performing work under this contract, and shall take all necessary, ordinary and extraordinary precautions to provide a safe work environment at all times for the occupants of the school and the general public in and around the work area. The vendor shall also insure that M-DCPS property is protected from damage and defacement resulting from the vendor's activities. Any such damage shall be corrected by the vendor at the vendor's sole expense. Prior to payment of the final invoice, all corrections shall be inspected and accepted by the M-DCPS Authorized Representative.

- B. The vendor shall be responsible for disposal of all waste material, and shall do so in conformance with applicable laws codes and ordinances. Waste oil, empty refrigerants containers, empty oil containers, water treatment chemical containers not currently in use, all used parts, and other materials shall be disposed of immediately after the completion of each service visit. All disposal of hazardous material such as, but not limited to, contaminated waste oil, refrigerant and water treatment chemicals shall be handled in strict compliance with the EPA, and any Federal, State or local codes having jurisdiction. A copy of the completed final manifest for any related hazardous materials shall be sent to the M-DCPS Authorized Representative (upon request) at the completion of any disposal transaction.
- C. The vendor shall remove all tools, equipment, and rigging from the water chiller room and cooling tower area immediately upon completion of any service work.
- D. The vendor shall maintain the water chiller room and cooling tower area in a neat and clean condition. All waste materials are to be removed at the vendor's expense.
- E. It is the responsibility of the vendor to keep the site free from trash, debris, excess materials, tools and hazardous conditions at all times.
- F. Vendor, its employees and /or assigns shall not use M-DCPS restrooms, cafeteria, lounge, or equipment. Dumpsters may be used only with prior written permission from the M-DCPS Authorized Representative.
- G. M-DCPS is not responsible for loss of tools, equipment or supplies.
- H. Vendor shall not block exits, hallways, corridors, driveways delivery areas, nor impede ingress or egress.
- I. Vendor shall not impede nor interfere with the normal function of the facility, its occupants or its programs.

**PART 8 INVOICES AND PAYMENT**

- A. Invoices not submitted in accordance with this Section will not be processed and will be returned to the vendor.
- B. The invoice shall be sent to the M-DCPS Authorized Representative identified on the

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purchase order.

- C. Starting from the initial date of contract award, all invoices for provided services shall be submitted for payment on a monthly basis during the term of this contract.
- D. No invoices shall be approved for payment unless the M-DCPS Authorized Representative has received all required reports as stipulated in these specifications. The reports shall include any changes made in the treatment program and any recommendations or observations.
- E. Service ticket(s) shall accompany the invoice. This document(s) shall indicate the technician's name, dates, and all services provided. Service tickets shall be signed at the end of work by the facility staff.
- F. Invoice and Payment for Additional Services
  - 1. The vendor shall invoice additional services based on the actual labor hours expended, materials and miscellaneous items utilized.
    - a. The invoice and document shall contain the following information:
      - 1. District's Purchase Order number.
      - 2. Description of work.
      - 3. Work location where services were rendered.
      - 4. All part number and description of materials utilized, quantities and unit prices.
      - 5. Labor hours, quantities and unit prices.
      - 6. Copies of invoices from suppliers to the vendor for all miscellaneous items parts, materials, services and/or OEM price sheets to substantiate vendor's cost.
      - 7. A copy of the service ticket(s) and/or time sheets shall document the labor and shall accompany the invoice. The document(s) shall indicate the technician's name or ID number, dates and times services were provided. The service ticket(s) shall be signed at the end of the authorized service work by an authorized representative of the facility staff.
- G. Vendors rates shall remain fixed for a period of one year from date of award. At the first year anniversary and subsequent extensions of this contract shall incorporate a cost escalation/decrease as measured by the Construction Cost Index (CCI) published in the Engineering News Record. This escalation/decrease shall be equal to the percentage increase (or decrease) of the twelve month average of the CCI immediately prior to the month of award or renewal, as compared to the ten month average after the award or renewal, commencing the month of award or renewal.
- H. During the term of the contract, future plans are to expedite the invoicing and payment process, by requesting the vendors to provide all reports and invoices via the internet and

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e-mail. The Vendors are responsible for training their staff in this process.

**PART 9      REPORTS:**

**A.      Oil Analysis Test Report:**

1.      Pursuant to Section 3.3, (A),(2), Report result sheets must show job name, water chiller manufacturer name, chiller first six (6) model numbers, last five (5) serial numbers, type of oil, and date of sample test. All analysis shall be conducted annually and submitted to the M-DCPS Chiller Service Contract Department Authorized Representative within fifteen (15) days of the test completion.
2.      Test result sheets must show spectrochemical analysis in parts per million by weight content of IRON, CHROMIUM, NICKEL, ALUMINUM, LEAD, COPPER, TIN, SILVER, TITANIUM, SILICON, BORON, SODIUM, POTASSIUM, MOLYBDENUM, PHOSPHORUS, ZINC, CALCIUM, BARIUM, MAGNESIUM, ANTIMONY, and VANADIUM.
3.      Physical test for water in parts per million, total acid content, chloride in parts per million, viscosity at 72E F.

**B.      Water Treatment Service Report (Monthly):**

1.      The water treatment vendor shall fill out the M-DCPS provided log sheet in the water chiller room during each monthly service (and all other visits). This log sheet is separate from the monthly service report that is sent by the water treatment vendor to the primary vendor. The monthly service report shall include the following information obtained by on-site analysis:
  - a.      Make-up Water:
    1.      Total Hardness (ppm as  $\text{CaCO}_3$ )
    2.      Calcium (ppm as  $\text{CaCO}_3$ )
    3.      Magnesium (ppm as  $\text{CaCO}_3$ )
    4.      M Alkalinity (ppm as  $\text{CaCO}_3$ )
    5.      Conductivity (microSiemens)
    6.      Chloride (ppm)
    7.      Silica (ppm as  $\text{SiO}_2$ ) (where scaling is a factor)
    8.      pH
  - b.      Cooling Tower Water:
    1.      Total Hardness (ppm as  $\text{CaCO}_3$ )
    2.      Calcium (ppm as  $\text{CaCO}_3$ )
    3.      Magnesium (ppm as  $\text{CaCO}_3$ )
    4.      M Alkalinity (ppm as  $\text{CaCO}_3$ )
    5.      Silica (ppm as  $\text{SiO}_2$ ) (where scaling is a factor)
    6.      Conductivity (micromho)



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7. Chloride (ppm)
8. pH
9. Inhibitor (ppm) (6-10 ppm Phosphonate required)
10. Cycles of concentration
11. Scaling Index (Langlier or Ryznar)
12. Total bacteria count
13. Total halogen (Bromine)

- c. Chilled Water:
1. Nitrite (ppm as  $\text{NaNO}_2$ )
  2. pH

C. Water Chiller Service Reports:

1. The report shall show all of the work performed during the monthly or annual preventive maintenance inspections, service calls and/or any facility visits. It shall include a listing of all parts replaced, all required lubrications, all adjustments made, all filters changed, any refrigerant leaks repaired and refrigerant added, and all readings taken as required by this contract pursuant to Section 3.3, (A), (4). The water chiller service report shall be submitted to the M-DCPS Authorized Representative.
2. At the end of each calendar year, the vendor shall provide the M-DCPS Authorized Representative with a report stating the total amount of refrigerant added to each water chiller during that year in compliance with EPA requirements.

D. Eddy Current Test Report

Pursuant to Section 3.5, Eddy Current tests shall be conducted not later than ninety (90) days after the initial contract effective date. The written report shall be filed within thirty (30) days of completion of the test.

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**FORM A**

FROM: \_\_\_\_\_

TO: \_\_\_\_\_

VIA FAX: \_\_\_\_\_

FACILITY NAME: \_\_\_\_\_

**SUBJECT: ADDITIONAL SERVICES - CHILLER SERVICE CONTRACT QUOTATION**

DATE: \_\_\_\_\_

Brief description of work to be done \_\_\_\_\_

**Parts Needed:**

Manufacturer	Model #	Part #	Description	List Price	Quant.	Price __ % off List	Extended Amount

Mechanic Labor Hours \_\_\_\_ x \_\_\_\_ /Hr. \$ \_\_\_\_\_

<b>Parts (Form A)</b>	\$ _____
<b>Misc. (Form B)</b>	\$ _____
<b>Labor (Form A)</b>	\$ _____
<b>TOTAL QUOTE</b>	\$ _____

VERIFIED BY \_\_\_\_\_

M-DCPS (Blanket) PO # \_\_\_\_\_

M-DCPS Release # \_\_\_\_\_

M-DCPS W/O # \_\_\_\_\_

PLEASE FAX BACK TO REQUESTER: \_\_\_\_\_

Name

Fax Number

**Note: Vendor may not proceed with work without first receiving a Release # or a Confirmation # from the Procurement Management Services.**



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ManuType	Loc #	School	Address	City/State/Zip	R/M	Mac Group	Expires	Eddy Test
1 Carrier - Centrifugal	7131	Hialeah Miami Lakes Senior	7977 West 12 Avenue	Hialeah, FL 33014	1	A	12/11/2006	2
2 Carrier - Centrifugal	7751	Goleman, Barbara Senior	14100 NW 89 Avenue	Miami, FL 33016	1	A	12/11/2006	3
3 Dunham - Bush	2161	Golden Glades Elementary	16520 NW 28 Avenue	Opa-Locka, FL 33054	1	A	12/11/2006	1
4 Dunham - Bush	5601	Twin Lakes Elementary	6735 West 5 Place	Hialeah, FL 33012	1	A	12/11/2006	1
5 Dunham - Bush - Screw	5051	Graham, Ernest R. Elementary	7330 West 32 Avenue	Hialeah, FL 33016	1	B	4/30/2006	2
6 McQuay - Centrifugal	2181	Good, Joella Elementary	6350 NW 188th Terrace	Hialeah, FL 33015	1	B	4/30/2006	2
7 Trane - Centrifugal	6171	Filer, Henry M. Middle	531 West 29 Street	Hialeah, FL 33012	1	A	12/11/2006	2
8 Carrier	6421	Martl, Jose Middle	5701 West 24th Avenue	Hialeah, FL 33016	1	B	4/30/2006	2
9 Trane - Screw	2111	Hialeah Gardens Elementary	9702 NW 130 Street	Hialeah Gardens, FL 33016	1	A	12/11/2006	2
10 Trane - Screw	5991	Wyche, Charles D. Elementary	5241 NW 185 Drive	Miami, FL 33055	1	B	4/30/2006	2
11 York - Centrifugal	6231	Hialeah Middle	6027 East 7 Avenue	Hialeah, FL 33013	1	A	12/11/2006	2
12 York - Centrifugal	7111	Hialeah Senior (East Addition)	251 East 47 Street	Hialeah, FL 33013	1	B	4/30/2006	2
13 York - Screw	7111	Hialeah Senior	251 East 47 Street	Hialeah, FL 33013	1	A	12/11/2006	2
14 York - Screw	7231	Miami Carol City Senior	3422 NW 187 Street	Miami, FL 33066	1	B	4/30/2006	2
15 Carrier - Screw	2241	Gratigny Elementary	11905 North Miami Avenue	Miami, FL 33168	2	A	12/11/2006	1
16 Carrier - Screw	3661	Natural Bridge Elementary	1650 NE 141 Street	North Miami, FL 33181	2	A	12/11/2006	1
17 Carrier - Screw	3741	North Beach Elementary	4100 Prairie Avenue	Miami Beach, FL 33140	2	A	12/11/2006	1
18 Carrier - Screw	4001	Norwood Elementary	19810 NW 14 Court	Miami, FL 33169	2	A	12/11/2006	1
19 Dunham - Bush	2081	Fulford Elementary	16140 NE 18 Avenue	North Miami Beach, FL 33162	2	A	12/11/2006	1
20 Dunham - Bush	7591	North Miami Senior	800 NE 137 Street	North Miami, FL 33161	2	A	12/11/2006	2
21 Dunham - Bush - Screw	5481	Treasure Island Elementary, On the 79th Street Causeway	7540 E. Treasure Drive	North Bay Village, FL 33141	2	B	4/30/2006	1
22 Dunham - Bush - Screw	6541	Nautilus Middle	4301 N. Michigan Avenue	Miami Beach, FL 33140	2	B	4/30/2006	2
23 Dunham - Bush - Screw	7141	Krop, Dr. Michael M. Senior	1410 NE 215th Street	Miami, FL 33179	2	B	4/30/2006	3
24 McQuay - Centrifugal	6631	North Miami Middle	13105 N.E. 7th Avenue	Miami, FL 33161	2	A	12/11/2006	2
25 McQuay - Screw	2911	Lentini, Linda Elementary	14312 NE 2nd Court	Miami, FL 33161	2	B	4/30/2006	2

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ManufType	Loc #	School	Address	City/State/Zip	RMAC	Group	Expires	EddyTest
26	Trane - Screw	7381 Miami Norland Senior	1050 N. W. 195 Street	Miami, FL 33196	2	B	4/30/2006	2
27	Trane - Screw	7541 North Miami Beach Senior	1247 NE 167 Street	North Miami Beach, FL 33162	2	B	4/30/2006	2
28	York	5141 Hurbert O. Sibley Elementary	255 NW 115 Street	Miami, FL 33168	2	A	New	2
29	York - Screw	3741 North Beach Elementary	4100 Prairie Avenue	Miami Beach, FL 33140	2	A	12/11/2006	1
30	York - Screw	5091 South Pointe Elementary	1050 Fourth Street	Miami Beach, FL 33139	2	A	12/11/2006	2
31	Carrier - Screw	1401 Drew, Charles R. Elementary, South Chiller Room	1775 NW 60th Street	Miami, FL 33142	3	B	4/30/2006	1
32	Carrier - Screw	6151 Dorci Middle	5005 N.W. 112th Avenue	Miami, FL 33178	3	A	12/11/2006	1
33	Dunham - Bush - Screw	5381 Stirrup, E. W. F. Elementary	330 NW 97th Avenue	Miami, FL 33172	3	B	4/30/2006	2
34	Dunham - Bush - Screw	5431 Sweetwater Elementary	10655 SW 4th Street	Sweetwater, FL 33174	3	B	4/30/2006	2
35	Dunham - Bush - Screw	7271 Miami Coral Park Senior, West Chiller room	8865 SW 16 Street	Miami, FL 33165	3	B	4/30/2006	1
36	McQuay - Centrifugal	7411 Miami Northwestern Senior	1100 NW 71st Street	Miami, FL 33150	3	B	4/30/2006	3
37	Trane - Screw	6031 Brownsville Middle	4899 NW 24th Avenue	Miami, FL 33142	3	B	4/30/2006	2
38	Trane - Screw	7251 Miami Central Senior (Science)	1781 NW 95 Street	Miami, FL 33147	3	A	12/11/2006	1
39	Trane - Screw	8119 500 Role Model	6300 NW 27th Avenue	Miami, FL 33147	3	B	4/30/2006	1
40	Trane - Screw	0101 Arcoia Lake Elementary	1037 NW 81st Street	Miami, FL 33150	3	B	4/30/2006	2
41	York - Centrifugal	5101 Smith, John I. Elementary	10415 NW 52nd Street	Miami, FL 33178	3	B	4/30/2006	2
42	York - Centrifugal	6121 Dano, Ruben Middle	350 NW 97 Avenue	Miami, FL 33172	3	A	12/11/2006	2
43	York - Centrifugal	7251 Miami Central Senior (Main)	1781 NW 95 Street	Miami, FL 33147	3	A	12/11/2006	2
44	York - Centrifugal	7511 Miami Springs Senior	751 Dove Avenue	Miami Springs, FL 33166	3	B	4/30/2006	2
45	York - Screw	6141 Drew, Charles R. Middle, North Water Chiller Room	1801 NW 60 Street	Miami, FL 33142	3	B	4/30/2006	2
46	York - Screw	7271 Miami Coral Park Senior, East Water Chiller Room	8865 SW 16th Street	Miami, FL 33165	3	B	4/30/2006	2
47	York - Screw	7602 Turner, William H. Technical Arts	10151 NW 19th Avenue	Miami, FL 33147	3	B	4/30/2006	3
48	Carrier	2741 Key Biscayne Elementary	150 W. McInlre Street	Key Biscayne, FL 33149	4	A	New	1
49	Carrier	5001 Sherandoa Elementary	1023 SW 21 Avenue	Miami, FL 33135	4	A	New	2

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ManuType	Loc #	School	Address	City/State/Zip	RMAC	Group	Expires	EddyTest
Carrier - Screw	6331	Kinloch Park Middle	4340 NW 3 Street	Miami, FL 33126	4	A	12/11/2006	2
McQuay - Screw	6361	de Diego, Jose Middle	3100 N.W. 5th Avenue	Miami, FL 33127	4	A	12/11/2006	2
Trane	6091	Citrus Grove Middle	2153 NW 3 Street	Miami, FL 33125	4	A	New	2
Trane - Centrifugal	3191	Ada Merit Elementary	660 SW 3 Street	Miami, FL 33130	4	B	4/30/2006	2
Trane - Centrifugal	6481	Miami Edison Middle	6101 NW Second Avenue	Miami, FL 33127	4	A	12/11/2006	2
Trane - Centrifugal	6741	Ponce de Leon Middle	5801 Augusto Street	Coral Gables, FL 33146	4	B	4/30/2006	2
Trane - Centrifugal	7791	Washington, Booker T. Senior, East Water Chiller Room	1200 NW 6th Avenue	Miami, FL 33136	4	B	4/30/2006	2
Trane - Centrifugal	9999	S.B.A.B. (Main)	1450 N.E. Second Avenue	Miami, FL 33132	4	A	12/11/2006	2
Trane - Screw	2361	Hartner, Enelda M. Elementary	401 NW 29 Street	Miami, FL 33127	4	A	12/11/2006	2
Trane - Screw	2741	Key Biscayne Elementary, At the End of Key Biscayne Drive	150 W. McInire Street	Key Biscayne, FL 33149	4	B	4/30/2006	1
Trane - Screw	4841	Santa Clara Elementary	1051 NW 29 Terrace	Miami, FL 33127	4	A	12/11/2006	2
Trane - Screw	6011	Alapattah Middle	1331 NW 46th Street	Miami, FL 33142	4	B	4/30/2006	2
Trane - Screw	7461	Mast Academy, Across the Roadway from the Sea Aquarium	3879 Rickenb. Causeway	Miami, FL 33149	4	B	4/30/2006	2
Trane - Screw	7341	Miami Jackson Senior	1751 NW 36 Street	Miami, FL 33142	4	B	4/30/2006	2
Trane - Screw	7461	Miami Senior (Main)	2450 S.W. First Street	Miami, FL 33135	4	A	12/11/2006	2
Trane - Screw	9311	SBAB - Jefferson Annex	1500 Biscayne Boulevard	Miami, FL 33132	4	A	12/11/2006	2
Trane - Screw	0111	Angelou, Maya Elementary	1850 NW 32 Street	Miami, FL 33142	4	A	12/11/2006	2
York	2661	Kensington Park Elementary	711 NW 30 Avenue	Miami, FL 33125	4	A	New	1
York	7071	Coral Gables Senior	450 Bird Road	Miami, FL 33135	4	A	New	2
York - Centrifugal	3051	L'Ouverture, Toussaint Elementary	120 NE 59 Street	Miami, FL 33137	4	A	12/11/2006	2
York - Centrifugal	4491	Henry Reeves Elementary	2005 NW 111 Street	Miami, FL 33167	4	B	4/30/2006	2
York - Screw	3431	Miller, Phyllis R. Elementary	840 NE 87th Street	Miami, FL 33138	4	B	4/30/2006	2
York - Screw	7791	Washington, B. T. Senior, West New Addition, Water Chiller Room	1200 N. W. 6 Avenue	Miami, FL 33136	4	B	4/30/2006	2
Carrier - Screw	5121	Snapper Creek Elementary	10151 SW 64th Street	Miami, FL 33173	5	B	4/30/2006	1

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74 Carrier - Screw	6041	Bell, Paul W. Middle	11800 NW 2nd Street	Miami, FL 33182	5	B	4/30/2006	2
75 Carrier - Screw	6961	West Miami Middle	7525 SW 24th Street	Miami, FL 33155	5	B	4/30/2006	2
76 Dunham - Bush	6211	Glades Middle	9451 SW 64 Street	Miami, FL 33173	5	A	New	1
77 Dunham - Bush	2891	Lehman, William Elementary	10990 SW 113 Place	Miami, FL 33176	5	A	12/1/2006	2
78 Dunham - Bush	3111	Mathews, Wesley Elementary	12345 S.W. 18th Terrace	Miami, FL 33175	5	A	12/1/2006	2
79 McQuay - Centrifugal	1331	Devon Aire K-8 Center	10501 S.W. 122nd Avenue	Miami, FL 33186	5	A	12/1/2006	2
80 McQuay - Centrifugal	1371	Douglas, Marjory S. Elementary	11901 SW 2nd Street	Miami, FL 33184	5	B	4/30/2006	2
81 Trane	2341	Hall, Joe Elementary	1901 SW 134th Avenue	Miami, FL 33175	5	B	4/30/2006	2
82 Trane - Centrifugal	6701	Palmetto Middle	7351 SW 128 Street	Miami, FL 33156	5	B	4/30/2006	2
83 Trane - Centrifugal	7051	Braddock, G. Holmes Senior	3601 SW 147 Avenue	Miami, FL 33185	5	B	4/30/2006	3
84 Trane - Screw	5061	Finlay, C. J. Elementary	851 S.W. 117th Avenue	Miami, FL 33174	5	A	12/1/2006	2
85 Trane - Screw	6131	Doolin, Howard A. Middle	6401 SW 152 Avenue	Miami, FL 33193	5	A	12/1/2006	2
86 Trane - Screw	6861	Southwood Middle	16301 SW 80 Avenue	Miami, FL 33157	5	A	12/1/2006	1
87 Trane - Screw	7721	South Miami Senior	6856 SW 53 Street	Miami, FL 33155	5	B	4/30/2006	2
88 Trane - Screw	0251	Beckham, Ethel Koger Elementary	4702 SW 143rd Court	Miami, FL 33175	5	B	4/30/2006	2
89 Trane - Screw	0271	Bent Tree Elementary	4861 SW 140th Avenue	Miami, FL 33175	5	B	4/30/2006	2
90 York	7121	John A. Ferguson Senior	15900 SW 56 Street	Miami, FL 33185	5	A	New	2
91 York - Centrifugal	1811	Fascel, Dante B. Elementary	15625 SW 80th Street	Miami, FL 33193	5	B	4/30/2006	2
92 York - Centrifugal	2021	Floyd, Gloria Elementary	12650 SW 109th Avenue	Miami, FL 33176	5	B	4/30/2006	2
93 York - Centrifugal	7361	Miami Killian Senior	10655 SW 97th Avenue	Miami, FL 33176	5	B	4/30/2006	3
94 York - Centrifugal	0451	Ashie, Bowman F. Elementary	6601 SW 152nd Avenue	Miami, FL 33193	5	B	4/30/2006	2
95 York - Screw	3541	Moton, R. R. Elementary	18050 Homestead Avenue	Perfene, FL 33157	5	A	12/1/2006	2
96 York - Screw	6921	Lamar Louise Curry Middle	15750 SW 47 Street	Miami, FL 33185	5	B	4/30/2006	2
97 Carrier - Screw	2151	Gordon, Jack D. Elementary	14600 County Walk Drive	Miami, FL 33157	6	A	12/1/2006	1

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ManufType	Loc#	School	Address	City/State/Zip	RMAC	Group	Expires	EddyTest
98 Carrier - Screw	7151	Homestead Senior	2351 SE 12th Avenue	Homestead, FL 33035	6	B	4/30/2006	3
99 Carrier - Screw	0661	Caribbean Elementary	11990 SW 200th Street	Miami, FL 33177	6	B	4/30/2006	2
100 Dunham - Bush	2651	Kendale Lakes Elementary	8000 SW 142 Avenue	Miami, FL 33183	6	A	12/1/2006	2
101 Dunham - Bush - Srew	7781	Varela, Flex Senior	15255 S. W. 98th Street	Miami, FL 33196	6	B	4/30/2008	3
102 McQuay - Centrifugal	5961	Winston Park Elementary	13200 S. W. 79 Street	Miami, FL 33183	6	B	4/30/2006	2
103 McQuay - Centrifugal	7531	Miami Sunset Senior	13125 S. W. 72 Street	Miami, FL 33183	6	B	4/30/2006	2
104 McQuay - Centrifugal	0651	Campbell Drive Elementary	15790 SW 307th Street	Leisure City, FL 33033	6	B	4/30/2008	2
105 Carrier	0671	Calusa Elementary	9580 W. Calusa Club Drive	Miami, FL 33186	6	A	12/1/2006	2
106 McQuay - Screw	5791	West Homestead Elementary	1550 SW 8th Street	Homestead, FL 33030	6	B	4/30/2006	1
107 McQuay - Screw	0161	Avocado Elementary	16969 SW 294th Street	Homestead, FL 33030	6	B	4/30/2006	1
108 Trane - Centrifugal	7101	Coral Reef Senior	10101 SW 152 Street	Miami, FL 33157	6	A	12/1/2006	3
109 Trane - Screw	2941	Saunders, Laura C. Elementary	505 SW 8th Street	Homestead, FL 33030	6	B	4/30/2006	2
110 Trane - Screw	4511	Porter, Dr. Gilbert L. Elementary	15851 SW 112 Street	Miami, FL 33196	6	B	4/30/2006	2
111 Trane - Screw	5981	Whigham, Dr. Edward L. Elementary	21545 SW 87th Avenue	Miami, FL 33189	6	B	4/30/2006	2
112 Trane - Screw	6761	Redland Middle	16001 SW 248 Street	Homestead, FL 33031	6	A	12/1/2006	2
113 Trane - Screw	6781	Richmond Heights Middle, West Chiller Room	15015 SW 103rd Avenue	Miami, FL 33176	6	B	4/30/2006	2
114 York - Centrifugal	6221	Hammocks Middle	9889 Hammocks Blvd	Miami, FL 33196	6	A	12/1/2006	2
115 York - Centrifugal	7701	South Dade Senior, Main West Chiller Room	28401 SW 167th Avenue	Homestead, FL 33030	6	B	4/30/2006	2
116 York - Screw	6081	Centennial Middle	8601 SW 212 Street	Miami, FL 33189	6	A	12/1/2006	2



# RMaC

# 1

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7751 **Name:** Goleman, Barbara Sr **Address:** 14100 N.W. 89 Ave., Miami, FL 33016

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 19XL Serial #: 48856 Approx. Tonnage: 400  
Ref. Type: R-22 Ref. Charge Lb: 1800 Start Up Date: 1995
2. Manufacturer: Carrier Model: 19XL Serial #: 48857 Approx. Tonnage: 400  
Ref. Type: R-22 Ref. Charge Lb: 1800 Start Up Date: 1995
3. Manufacturer: Carrier Model: 19XL Serial #: 48858 Approx. Tonnage: 400  
Ref. Type: R-22 Ref. Charge Lb: 1800 Start Up Date: 1995

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 5187 Serial #: 23203 H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1995
2. Manufacturer: Marley(2) Model: 5187(2) Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair(2) Start Up Date: 1995(2)

**C. WATER PUMP(S)**

Manufacturer (Cond): <u>Weinman</u>	Quantity <u>3</u>	HP: <u>20</u>
Manufacturer (Chilled): <u>Weinman</u>	Quantity <u>3</u>	HP: <u>13</u>
Manufacturer (Zone): <u>Weinman</u>	Quantity <u>3</u>	HP: <u>50</u>
Manufacturer (Other): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Quincy</u>	HP: <u>10(2)</u>
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**Facility No.** 7751 **Name:** Goleman, Barbara Sr **Address:** 14100 N.W. 89 Ave., Miami, FL 33016

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controllor(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 3  
Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES  
Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 6  
Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES  
Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES  
Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES  
Solar Salt: (In Softener Storage Tank): NO  
Corrosion Coupon Testing:(Quarterly): YES

**7. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 3  
Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7131 **Name:** Hialeah-Miami Lakes Sr **Address:** 7977 W. 12 Ave., Hialeah, FL 33014

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 19XL Serial #: 49665 Approx. Tonnage: 450  
Ref. Type: R-22 Ref. Charge Lb: 1850 Start Up Date: 1995
2. Manufacturer: Carrier Model: 19XL Serial #: 49666 Approx. Tonnage: 450  
Ref. Type: R-22 Ref. Charge Lb: 1850 Start Up Date: 1995
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 068141 Serial #: 23204 H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1995
2. Manufacturer: Marley Model: 068141 Serial #: 23204 H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1995

**C. WATER PUMP(S)**

Manufacturer (Cond): Weinman Quantity 2 HP: 25  
Manufacturer (Chilled): Weinman Quantity 2 HP: 50  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Hankison Air Comp. Mfg.: Quincy HP: 2(2)

**Facility No.** 7131 **Name:** Hialeah-Miami Lakes Sr **Address:** 7977 W. 12 Ave., Hialeah, FL 33014

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controllor(s):Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 2  
Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES  
Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 4  
Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES  
Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES  
Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES  
Solar Salt: (In Softener Storage Tank): NO  
Corrosion Coupon Testing:(Quarterly): YES

**8. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 2  
Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2161 **Name:** Golden Glades Elementary **Address:** 16520 N.W. 28 Ave., Miami, FL 33054

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A95B Approx. Tonnage: 140  
Ref. Type: R-22 Ref. Charge Lb: 300 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: EVAPCO Model: AT8-59B Serial #: 930844 H.P.: 7.5  
Condition: Fair Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>1</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>1</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 2161 Name: Golden Glades Elementary Address: 16520 N.W. 28 Ave., Miami, FL 33054**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5601 **Name:** Twin Lakes Elementary **Address:** 6735 W. 5<sup>th</sup> Place, Hialeah, FL 33012

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: A93G Approx. Tonnage: 140  
Ref. Type: R-22 Ref. Charge Lb: 325 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-200 S/S Serial #: 1636 H.P.: 5  
Condition: Poor Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>1</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>1</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 5601 Name: Twin Lakes Elementary Address: 6735 W. 5<sup>th</sup> Place, Hialeah, FL 33012**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**10. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5051 **Name:** Graham, Ernest R. Elem. **Address:** 7330 West 32 Avenue Hialeah, FL 33014

**A. WATER CHILLER(S)**

1. Manufacturer: Dunhan-Bush Model: WCFX Serial #: 1A95D Approx. Tonnage: 218  
Ref. Type: R-22 Ref. Charge Lb: 370 Start Up Date: 1996
2. Manufacturer: Dunham-Bush Model: WCFX Serial #: 1B95D Approx. Tonnage: 218  
Ref. Type: R-22 Ref. Charge Lb: 370 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1996
2. Manufacturer: Thermal-Care Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Peco</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Chilled</u> ): <u>Peco</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 5051 **Name:** Graham, Ernest R. Elem. **Address:** 7330 West 32<sup>nd</sup> Avenue Hialeah, FL 33014

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2181 **Name:** Good, Joella Elementary **Address:** 6350 N.W. 188 Terrace, Miami, FL 33015

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEH050 Serial #: 00100 Approx. Tonnage: 118  
Ref. Type: R-134A Ref. Charge Lb: 375 Start Up Date: 1990
2. Manufacturer: McQuay Model: PEH050 Serial #: 00200 Approx. Tonnage: 118  
Ref. Type: R-134A Ref. Charge Lb: 375 Start Up Date: 1990
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 0362 Serial #: 3899-89 H.P.: 7.5/1.9  
Condition: Fair Start Up Date: 1990
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 7.5/1.9  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Paco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Paco</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP: _____
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**Facility No. 2181 Name: Good, Joella Elementary Address: 6350 N.W. 188 Terr. Miami, FL 33015**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6231 **Name:** Hialeah Middle **Address:** 6027 East 7<sup>th</sup> Ave., Hialeah, FL 33013

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 46571 Approx. Tonnage: 220  
Ref. Type: R-11 Ref. Charge Lb: 950 Start Up Date: 1988
2. Manufacturer: York Model: YT Serial #: 81537 Approx. Tonnage: 220  
Ref. Type: R-11 Ref. Charge Lb: 950 Start Up Date: 1988
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Very Bad Start Up Date: 1988
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Yes</u>	Air Comp. Mfg.: <u>Yes</u>	HP: _____
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**Facility No.** 6231 **Name:** Hialeah Middle **Address:** 6027 East 7<sup>th</sup> Ave., Hialeah, FL 33013

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** York Control Panel on wall is part of this contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7111 **Name:** Hialeah Sr **Address:** 251 East 47<sup>th</sup> Street, Hialeah, FL 33013

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 58380 Approx. Tonnage: 275  
Ref. Type: R-22 Ref. Charge Lb: 680 Start Up Date: 1997
2. Manufacturer: York Model: YS Serial #: 58530 Approx. Tonnage: 275  
Ref. Type: R-22 Ref. Charge Lb: 680 Start Up Date: 1997
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC Serial #: \_\_\_\_\_ H.P.: 20  
Condition: Good Start Up Date: 1997
2. Manufacturer: Marley Model: NC Serial #: \_\_\_\_\_ H.P.: 20  
Condition: Good Start Up Date: 1997

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>75</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7111 **Name:** Hialeah Sr **Address:** 251 East 47<sup>th</sup> Street, Hialeah, FL 33013

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7231 **Name:** Miami Carol City Senior **Address:** 3422 N.W. 187 Street Miami, FL 33056

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 47390 Approx. Tonnage: 286  
Ref. Type: R-22 Ref. Charge Lb: 680 Start Up Date: 1996
2. Manufacturer: York Model: YS Serial #: 48060 Approx. Tonnage: 286  
Ref. Type: R-22 Ref. Charge Lb: 680 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: Good Start Up Date: 1996
2. Manufacturer: Marley Model: NC Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: Good Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>50</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7231 **Name:** Miami Carol City Senior **Address:** 3422 N.W. 187 Street Miami, FL 33056

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6171 **Name:** Filer, Henry Md **Address:** 531 West 29<sup>th</sup> Street, Hialeah, FL 33012

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: CVHA Serial #: 28660 Approx. Tonnage: 118  
Ref. Type: R-113 Ref. Charge Lb: 415 Start Up Date: 1982
2. Manufacturer: Trane Model: CVHA Serial #: 28661 Approx. Tonnage: 118  
Ref. Type: R-113 Ref. Charge Lb: 415 Start Up Date: 1982
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Old-Wood Start Up Date: 1982
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chambers</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chambers</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Quincy</u>	HP: _____
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**Facility No.** 6171 **Name:** Filer, Henry Md **Address:** 531 West 29<sup>th</sup> Street, Hialeah, FL 33012

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6421 **Name:** Marti, Jose Middle **Address:** 5701 West 24<sup>th</sup> Avenue Hialeah, FL 33016

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 30HXC146RY-661 Serial #: Approx. Tonnage: 150  
Ref. Type: 134-A Ref. Charge Lb: 220 Start Up Date: 2006
2. Manufacturer: Carrier Model: 30HXC146RY-661 Serial #: Approx. Tonnage: 150  
Ref. Type: 134-A Ref. Charge Lb: 220 Start Up Date: 2006
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: RVAPCO Model: 4SS29-121 Serial #: 5-123226 H.P.: 7.5/1.8  
Condition: New Start Up Date: 2006
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Baldor Industries Quantity 2 HP: 15  
Manufacturer (Chilled): Baldor Industries Quantity 2 HP: 25  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 6421 Name: Marti, Jose Middle Address: 5701 West 24<sup>th</sup> Avenue Hialeah, FL 33016**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2111 **Name:** Hialeah Gardens El **Address:** 9702 N.W. 130 St., Hialeah Gardens, Fl 33016

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 07704 Approx. Tonnage: 210  
Ref. Type: R-22 Ref. Charge Lb: 415 Start Up Date: 1994
2. Manufacturer: Trane Model: RTHA Serial #: 08519 Approx. Tonnage: 210  
Ref. Type: R-22 Ref. Charge Lb: 415 Start Up Date: 1994
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-300-G Serial #: 1720 H.P.: 15/3.5  
Condition: Poor Start Up Date: 1994
2. Manufacturer: Protec Model: PCT-300-G Serial #: 1721 H.P.: 15/3.5  
Condition: Poor Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Products</u>	HP: <u>1.5(2)</u>
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**Facility No. 2111 Name: Hialeah Gardens El Address: 9702 N.W. 130 St., Hialeah Gardens, Fl 33016**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of this contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5991 **Name:** Wyche C. W. Jr. Elem. **Address:** 5241 N.W. 195 Drive Miami, FL 33055

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 02089 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 670 Start Up Date: 1996
2. Manufacturer: Trane Model: RTHB Serial #: 02090 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 670 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT350G Serial #: 2262 H.P.: 10  
Condition: Poor Start Up Date: 1996
2. Manufacturer: Protec Model: PCT350G Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 20  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 20  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 5991 **Name:** Wyche C. W. Jr. Elem. **Address:** 5241 N.W. 195 Drive Miami, FL 33055

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controllor(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Any Trane System Control Panel (SCP) is part of this contract.

# MIAMI-DADE COUNTY PUBLIC SCHOOLS EQUIPMENT SHEET

**Facility No. 7111 Name: Hialeah Sr (East Addition) Address: 251 East 47 Street, Hialeah, FL 33013**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: York - Centrifugal	Model: YTG1A3C2-CKJ	Serial #: GGKM021014      Approx. Tonnage:
	Ref. Type: R-123	Ref. Charge Lb: 1330	Start Up Date:
2.	Manufacturer: York - Centrifugal	Model: YTG1A3C2-CKJ	Serial #: CGKM028030      Approx. Tonnage:
	Ref. Type: R-123	Ref. Charge Lb: 1330	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer:	Model:	Serial #:      H.P.:
	Condition:	Start Up Date:	
2.	Manufacturer:	Model:	Serial #:      H.P.:
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ):		Quantity	HP:
Manufacturer ( <u>Chilled</u> ):		Quantity	HP:
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No.** 7111 **Name:** Hialeah Sr (East Addition) **Address:** 251 East 47 Street, Hialeah, FL 33013

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES/NO
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES/NO
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES/NO
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES/NO
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES/NO
<b>20. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

# RMaC

# 2

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2241 **Name:** Gratingny Elementary **Address:** 11905 North Miami Ave., Miami, Fl 33168

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier-Screw Model: 23XL Serial #: 47498 Approx. Tonnage: 120  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1995
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: AV Serial #: AV2494888 H.P.: 10  
Condition: Good Start Up Date: 2006
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): TACO Quantity 1 HP: 7.5  
Manufacturer (Chilled): TACO Quantity 1 HP: 10  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 2241 Name: Gratingny Elementary Address: 11905 North Miami Ave., Miami, Fl 33168**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 1

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 2

Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**7. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 1

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3661 **Name:** Natural Bridge Elementary **Address:** 1650 N.E. 141 St., Miami, FL 33181

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 47521 Approx. Tonnage: 120  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-150 S/S Serial #: 1883 H.P.: 3  
Condition: Poor Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): TACO Quantity 1 HP: 7.5  
Manufacturer (Chilled): TACO Quantity 1 HP: 10  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 3661 **Name:** Natural Bridge Elementary **Address:** 1650 N.E. 141 St., Miami, FL 33181

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**8. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3741 **Name:** North Beach Elementary **Address:** 4100 Prairie Ave., Miami Beach, Fl 33140

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 47883 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 5041 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1994
2. Manufacturer: Marley Model: 5041 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): _____	Quantity <u>2</u>	HP: <u>5</u>
Manufacturer ( <u>Chilled</u> ): _____	Quantity <u>2</u>	HP: <u>5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 3741 Name:** North Beach Elementary **Address:** 4100 Prairie Ave., Miami Beach, Fl 33140

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 3741 Name: North Beach Elementary Address:**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: York Screw	Model: YCWS	Serial #: 02351      Approx. Tonnage: 150
	Ref. Type:	Ref. Charge Lb: 430	Start Up Date: 2002
2.	Manufacturer:	Model:	Serial #:      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer:	Model:	Serial #:      H.P.:
	Condition:	Start Up Date:	
2.	Manufacturer:	Model:	Serial #:      H.P.:
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ):		Quantity	HP:
Manufacturer ( <u>Chilled</u> ):		Quantity	HP:
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No. 3741 Name: North Beach Elementary Address:**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES/NO
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES/NO
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES/NO
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES/NO
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES/NO
<b>10. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 4001 **Name:** Norwood Elementary **Address:** 19810 N.W. 14 Ct., Miami, FL 33169

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 47497 Approx. Tonnage: 120  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1995
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-150 S/S Serial #: 1896 H.P.: 3  
Condition: Poor Start Up Date: 1995
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): PACO Quantity 1 HP: 7.5  
Manufacturer (Chilled): PACO Quantity 1 HP: 10  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 4001 Name: Norwood Elementary Address: 19810 N.W. 14 Ct., Miami, FL 33169**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2081 **Name:** Fulford Elementary **Address:** 16140 N.E. 18 Ave., N. Miami Beach, Fl 33162

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A91H Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 200 Start Up Date: 1990
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 99T Serial #: 6-292587 H.P.: 10  
Condition: Good Start Up Date: 2006
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 2081 **Name:** Fulford Elementary **Address:** 16140 N.E. 18 Ave., N. Miami Beach, Fl 33162

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7591 **Name:** North Miami Sr **Address:** 800 N.E. 137<sup>th</sup> Street, North Miami, FL 33161

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: WCX Serial #: 1A90A Approx. Tonnage: 225  
Ref. Type: R-22 Ref. Charge Lb: 450 Start Up Date: 1991
2. Manufacturer: Dunham-Bush Model: WCX Serial #: 1B90A Approx. Tonnage: 225  
Ref. Type: R-22 Ref. Charge Lb: 450 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Fair Start Up Date: 1991
2. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Fair Start Up Date: 1991

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 40  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 50  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Hankison Air Comp. Mfg.: Quincy HP: 1.5(2)

**Facility No.** 7591 **Name:** North Miami Sr **Address:** 800 N.E. 137<sup>th</sup> Street, North Miami, FL 33161

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7141 **Name:** Krop, Dr. M. Senior **Address:** 1410 N.E. 215<sup>th</sup> Street Miami, FL 33179

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: WCFX-30 Serial #: 1A97M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 570 Start Up Date: 1998
2. Manufacturer: Dunham-Bush Model: WCFX-30 Serial #: 1B97M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 570 Start Up Date: 1998
3. Manufacturer: Dunham-Bush Model: WCFX-30 Serial #: 1C97M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 570 Start Up Date: 1998

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST12-312B Serial #: 972094 H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1998
2. Manufacturer (2) Evapco Model: SST12-312B Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good / Good Start Up Date: 1998/1998

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>3</u>	HP: <u>25</u>
Manufacturer ( <u>Chilled Prim.</u> ): <u>TACO</u>	Quantity <u>3</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled Sec. </u> ): <u>TACO VFD</u>	Quantity <u>2</u>	HP: <u>75</u>
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7141 **Name:** Krop Dr. M. Senior **Address:** 1410 N.E. 215<sup>th</sup> Street Miami, FL 33179

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>3</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>6</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6541 **Name:** Nautilus Middle **Address:** 4301 N. Michigan Ave. Miami Beach, FL 33140

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: WCFX Serial #: 1A94M Approx. Tonnage: 265  
Ref. Type: R-22 Ref. Charge Lb: 500 Start Up Date: 1995
2. Manufacturer: Dunham-Bush Model: WCFX Serial #: 2A94M Approx. Tonnage: 265  
Ref. Type: R-22 Ref. Charge Lb: 500 Start Up Date: 1995
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-400S/S Serial #: 1990 H.P.: 15/3.7  
Condition: Poor Start Up Date: 1995
2. Manufacturer: Protec Model: PCT-400S/S Serial #: 1991 H.P.: 15/3.7  
Condition: Poor Start Up Date: 1995

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>50</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 6541 **Name:** Nautilus Middle **Address:** 4301 N. Michigan Ave. Miami Beach, FL 33140

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5481 **Name:** Treasure Island Elem. **Address:** 7540 E. Treasure Dr. N. Bay Village, FL 33141  
On the N.W. 79<sup>th</sup> Street Causeway

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A91F Approx. Tonnage: 175  
Ref. Type: R-22 Ref. Charge Lb: 216 Start Up Date: 1992
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: USS19-311 Serial #: 6-298906 H.P.: 10  
Condition: Good Start Up Date: 2006
2. Manufacturer: Evapco Model: AT-8-61 Serial #: 917189 RH H.P.: 7.5  
Condition: Poor Start Up Date: 1992

**C. WATER PUMP(S)**

Manufacturer (Cond): TACO Quantity 2 HP: 10  
Manufacturer (Chilled): TACO Quantity 2 HP: 15  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 5481 **Name:** Treasure Island Elem. **Address:** 7540 East Treasure Dr. North Bay, Village,

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 1

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 2

Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 1

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6631 **Name:** North Miami Md **Address:** 13105 N.E. 7<sup>th</sup> Ave., North Miami, FL 33161

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEH Serial #: 00001 Approx. Tonnage: 120  
Ref. Type: R-134A Ref. Charge Lb: 530 Start Up Date: 2000
2. Manufacturer: McQuay Model: PEH Serial #: 00091 Approx. Tonnage: 120  
Ref. Type: R-134A Ref. Charge Lb: 530 Start Up Date: 2000
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 2000
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Allis-Chamers Quantity 2 HP: 5  
Manufacturer (Chilled): Allis-Chamers Quantity 2 HP: 7.5  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

Facility No. 6631 Name: North Miami Md Address: 13105 N.E. 7<sup>th</sup> Ave., North Miami, FL 33161

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity     
Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES  
Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity     
Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES  
Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES  
Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES  
Solar Salt: (In Softener Storage Tank):     
Corrosion Coupon Testing:(Quarterly): YES

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity     
Ethylene Glycol: (Ice Bank Coolant)   

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2911 **Name:** Lentin, Linda Elementary **Address:** 14312 N.E. 2<sup>nd</sup> Court Miami, FL 33161

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PFS Serial #: 394-01 Approx. Tonnage: 175  
Ref. Type: R-22 Ref. Charge Lb: 658 Start Up Date: 1998
2. Manufacturer: McQuay Model: PFS Serial #: 405-01 Approx. Tonnage: 175  
Ref. Type: R-22 Ref. Charge Lb: 658 Start Up Date: 1998
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: FC730 Serial #: 19801 H.P.: 15  
Condition: Poor Start Up Date: 1998
2. Manufacturer: Thermal-Care Model: FC730 Serial #: 19801 H.P.: 15  
Condition: Poor Start Up Date: 1998

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Armstrong</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Armstrong</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 2911 **Name:** Lentin, Linda Elementary **Address:** 14312 N.E. 2<sup>nd</sup> Court Miami, FL 33161

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5091 **Name:** South Pointe El **Address:** 1050 4<sup>th</sup> Street, Miami Beach, FL 33139

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 02399 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 460 Start Up Date: 1991
2. Manufacturer: York Model: YS Serial #: 02400 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 460 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-200G Serial #: 0849 H.P.: 5  
Condition: Poor Start Up Date: 1991
2. Manufacturer: Protec Model: PCT-200G Serial #: 0850 H.P.: 5  
Condition: Poor Start Up Date: 1991

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 5091 **Name:** South Pointe El **Address:** 1050 4<sup>th</sup> Street, Miami Beach, FL 33139

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7381 **Name:** Miami Norland Senior **Address:** 1050 N.W. 195 Street Miami, FL 33169

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHC Serial #: 03113 Approx. Tonnage: 212  
Ref. Type: R-134A Ref. Charge Lb: 450 Start Up Date: 2002
2. Manufacturer: Carrier Model: 19DH Serial #: 31620 Approx. Tonnage: 212  
Ref. Type: R-11 Ref. Charge Lb: 810 Start Up Date: 1983
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 349 Serial #: 7261-81 H.P.: 20/5  
Condition: Fair Start Up Date: 1983
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Aurora Quantity 2 HP: 15  
Manufacturer (Chilled): Aurora Quantity 2 HP: 7.5  
Manufacturer (Zone): Aurora Quantity 3 HP: 10 - 7.5 - 5  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Johnson Air Comp. Mfg.: Quincy HP: (2) .25

**Facility No.** 7381 **Name:** Miami Norland Senior **Address:** 1050 N.W. 195 Street Miami, FL 33169

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**20. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Letters of reference needed only for the Trane Screw water chiller.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7541 **Name:** North Miami Beach Senior **Address:** 1247 N.E. 167 Street  
North Miami Beach, FL 33162

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 02664 Approx. Tonnage: 325  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1992
2. Manufacturer: Trane Model: RTHA Serial #: 03942 Approx. Tonnage: 325  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1992
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: New Start Up Date: 2003
2. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: New Start Up Date: 2003

**C. WATER PUMP(S)**

Manufacturer (Cond): Aurora Quantity 2 HP: 15  
Manufacturer (Chilled): Aurora Quantity 2 HP: 25  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Johnson Air Comp. Mfg.: DeVilbiss HP: (2) 3

**Facility No.** 7541 **Name:** North Miami Beach Senior **Address:** 1247 N.E. 167 Street N. Mia. Bch. FL

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**21. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Trane system control panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.**5141 **Name:** H.O. Sibley Elementary **Address:**255 NW 115 St. Miami, FL 33168

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: York	Model: YS	Serial #: 30650      Approx. Tonnage: 150
	Ref. Type: 22	Ref. Charge Lb: 440	Start Up Date: 2001
2.	Manufacturer: York	Model: YS	Serial #: 30520      Approx. Tonnage: 150
	Ref. Type: 22	Ref. Charge Lb: 440	Start Up Date: 2001
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: BAC	Model: 15160-2W	Serial #: U001186201      H.P.: 2-10
	Condition:	Start Up Date: 2001	
2.	Manufacturer: BAC	Model: 15160-2W	Serial #: U001186201      H.P.: 2-10
	Condition:	Start Up Date: 2001	
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ):		Quantity	HP:
Manufacturer ( <u>Chilled</u> ):		Quantity	HP:
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No.**5141 **Name:** H.O. Sibley Elementary **Address:**255 NW 115 St. Miami, FL 33168

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES/NO
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES/NO
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES/NO
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES/NO
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES/NO
<b>22. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	



# RMaC

# 3



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6151 **Name:** Doral Md **Address:** 5005 N.W. 112 Avenue, Miami, FL 33178

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 30HXC Serial #: 93527 Approx. Tonnage: 250  
Ref. Type: R-134A Ref. Charge Lb: 355 Start Up Date: 2000
2. Manufacturer: Carrier Model: 30HXC Serial #: 93533 Approx. Tonnage: 250  
Ref. Type: R-134A Ref. Charge Lb: 355 Start Up Date: 2000
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 159426 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 2000
2. Manufacturer: Marley Model: 159426 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 2000

**C. WATER PUMP(S)**

Manufacturer (Cond): <u>TACO</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer (Chilled): <u>TACO</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer (Zone): <u>TACO V.S.</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer (Other): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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Facility No. 6151 Name: Doral Md Address: 5005 N.W. 112 Avenue, Miami, FL 33178

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controllor(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>  </u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>  </u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>  </u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**7. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>  </u>
Ethylene Glycol: (Ice Bank Coolant)	<u>  </u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 1401 **Name:** Drew Charles R. Elem. **Address:** 1775N.W. 60 Street Miami, FL 33142  
South water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 51032 Approx. Tonnage: 180 Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1996
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_ Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_ Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Good Start Up Date: 1996
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>1</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>1</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

**Facility No.** 1401 **Name:** Drew Charles R. Elem. **Address:** 1775 N.W. 60 Street Miami, FL 33142

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L. Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**8. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7271 **Name:** Miami Coral Park Sr. **Address:** 8865 S.W. 16<sup>th</sup> Street Miami, FL 33165  
West water chiller room

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A92J Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 200 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1990
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>??</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>??</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Quincy</u>	HP: <u>1/2</u>
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**Facility No.** 7271 **Name:** Mia. Coral Park Sr. West **Address:** 8865 S.W. 16<sup>th</sup> Street Miami, FL 33165

West water chiller room.

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5381 **Name:** Stirrup, E. W. Elem. **Address:** 330 N.W. 97<sup>th</sup> Avenue Miami, FL 33172

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: PCWX Serial #: 1A84K Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 260 Start Up Date: 1984
2. Manufacturer: Dunham-Bush Model: PCWX Serial #: 2A84K Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 260 Start Up Date: 1984
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco 2 Cell Model: VSS29318 Serial #: 4106721 H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Allis-Chamers Quantity 2 HP: 15  
Manufacturer (Chilled): Allis-Chamers Quantity 2 HP: 15  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Danfoss Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 5381 Name: Stirrup, E. W. F. Elem. Address: 330 N.W. 97<sup>th</sup> Avenue Miami, FL 33172**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241 WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**10. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 5431 Name: Sweetwater Elem. Address: 10655 S.W. 4<sup>th</sup> Street Sweetwater, FL 33174**

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: PCWX Serial #: 1A84K Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 260 Start Up Date: 1984
2. Manufacturer: Dunham-Bush Model: PCWX Serial #: 2A84K Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 260 Start Up Date: 1984
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: USS29318 Serial #: 4106716 H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Danfoss</u>	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 5431 Name: Sweetwater Elem. Address: 10655 S.W. 4<sup>th</sup> Street Sweetwater, FL 33174**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7411 **Name:** Miami Northwestern Senior **Address:** 1100 N.W. 71<sup>st</sup> St. Miami, FL 33150

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEHO Serial #: 81048 Approx. Tonnage: 500  
Ref. Type: R-134A Ref. Charge Lb: 1150 Start Up Date: 1996
2. Manufacturer: McQuay Model: PEHO Serial #: 81049 Approx. Tonnage: 500  
Ref. Type: R-134A Ref. Charge Lb: 1150 Start Up Date: 1996
3. Manufacturer: McQuay Model: PEHO Serial #: 81055 Approx. Tonnage: 500  
Ref. Type: R-134A Ref. Charge Lb: 1150 Start Up Date: 1996

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: Serial #: H.P.: 30/7.5  
Condition: Very Poor Start Up Date: 1996
2. Manufacturer: (2) Thermal-Care Model: Serial #: H.P.: (2) 30/7.5  
Condition: (2) Very Poor Start Up Date: (2) 1996

**C. WATER PUMP(S)**

Manufacturer (Cond): Paco Quantity 4 HP: 40  
Manufacturer (Chilled): Paco Quantity 4 HP: 50  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Air Comp. Mfg.: HP:

**Facility No.** 7411 **Name:** Miami Northwestern Senior **Address:** 1100 N.W. 71<sup>st</sup> St. Miami, FL 33150

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6121 **Name:** Dario, Ruben Middle **Address:** 350 N.W. 97<sup>th</sup> Ave., Miami, FL 33172

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 26769 Approx. Tonnage: 150  
Ref. Type: R-11 Ref. Charge Lb: 640 Start Up Date: 1989
2. Manufacturer: York Model: YT Serial #: 26770 Approx. Tonnage: 150  
Ref. Type: R-11 Ref. Charge Lb: 640 Start Up Date: 1989
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 7.5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 6121 **Name:** Dario, Ruben Middle **Address:** 350 N.W. 97<sup>th</sup> Ave., Miami, FL 33172

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7251 **Name:** Miami Central Sr **Address:** 1781 N.W. 95<sup>th</sup> Street, Miami, FL 33147  
Science Wing

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 00771 Approx. Tonnage: 125  
Ref. Type: R-22 Ref. Charge Lb: 250 Start Up Date: 1994
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: FT83102 Serial #: 21073 H.P.: \_\_\_\_\_  
Condition: \_ Start Up Date: 1994
2. Manufacturer: \_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 7251 Name:**Miami Central Sr **Address:** 1781 N.W. 95<sup>th</sup> Street, Miami, FL 33147  
Science Wing

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of contract.



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7511 **Name:** Miami Springs Senior **Address:** 751 Dove Avenue Miami Springs, FL 33166

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 33350 Approx. Tonnage: 450 Ref. Type: R-123 Ref. Charge Lb: 950 Start Up Date: 1996
2. Manufacturer: York Model: YT Serial #: 92840 Approx. Tonnage: 450 Ref. Type: R-123 Ref. Charge Lb: 950 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_ Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: (2) Marley Model: (2) NC 31123S Serial #: 100615-001-96 H.P.: (2) 15 Condition: Good Start Up Date: 1996
2. Manufacturer: (2) Marley Model: (2) NC31123S Serial #: \_\_\_\_\_ H.P.: (2) 15 Condition: Good Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Chilled</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP: _____
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**Facility No.** 7511 **Name:** Miami Springs Senior **Address:** 751 Dove Avenue Miami Springs, FL 33166

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5101 **Name:** Smith John I. Elem. **Address:** 10415 N.W. N.W. 52 Street Miami, FL 33178

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 11173 Approx. Tonnage: 196  
Ref. Type: R-123 Ref. Charge Lb: 730 Start Up Date: 1996
2. Manufacturer: York Model: YT Serial #: 51187 Approx. Tonnage: 196  
Ref. Type: R-123 Ref. Charge Lb: 730 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: Good Start Up Date: 1996
2. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: \_\_\_\_\_ Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 5101 **Name:** Smith John I. Elem. **Address:** 10415 N.W. 52 Street Miami, FL 33178

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L. Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6141 **Name:** Drew Charles Middle **Address:** 1801 N.W 60 Street Miami, FL 33142  
North water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 00160 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1997
2. Manufacturer: York Model: YS Serial #: ? Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1997
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 343 Serial #: 7434-84 H.P.: 15  
Condition: Old Start Up Date: 1984
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 15  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 15  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 20  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Hankison HPRS 10-15 Air Comp. Mfg.: Quincy QCO2008D00489

**Facility No.** 6141 **Name:** Drew Charles Middle **Address:** 1801 N.W. 60 Street Miami, FL 33142

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7271 **Name:** Miami Coral Park Senior **Address:** 8865 S.W. 16 Street Miami, FL 33165  
East water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 02432 Approx. Tonnage: 210  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1991
2. Manufacturer: York Model: YS Serial #: 02433 Approx. Tonnage: 210  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1991
3. Manufacturer: Model: Serial #: Approx. Tonnage:  
Ref. Type: R- Ref. Charge Lb: Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 2330 Serial #: H.P.: 40/10  
Condition: Good Start Up Date: 1991
2. Manufacturer Model: Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Peerless</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Peerless</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ):	Quantity HP:	
Manufacturer ( <u>Other</u> ):	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 7271 Name: Miami Coral Park Senior Address: 8865 S.W. 16 Street Miami, FL 33165**  
**East water chiller room.**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7602 **Name:** Turner W. H. Arts **Address:** 10151 N.W. 19 Avenue Miami, FL 33147

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 12693 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 900 Start Up Date: 1993
2. Manufacturer: York Model: YS Serial #: YMYM793243 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 900 Start Up Date: 1993
3. Manufacturer: York Model: YS Serial #: 12695 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 900 Start Up Date: 1993

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST-L8-812B Serial #: 962508 H.P.: 15  
Condition: Fair Start Up Date: 1998
2. Manufacturer (2) Evapco Model: SST-L8-812B Serial #: 962509/962510 H.P.: (2) 15  
Condition: (2) Fair Start Up Date: (2) 1998

**C. WATER PUMP(S)**

Manufacturer <u>(Cond): Weinman</u>	Quantity <u>3</u>	HP: <u>20</u>
Manufacturer <u>(Chilled): Weinman</u>	Quantity <u>3</u>	HP: <u>30</u>
Manufacturer <u>(Zone):</u>	Quantity <u>      </u>	HP: <u>      </u>
Manufacturer <u>(Other):</u>	Quantity <u>      </u>	HP: <u>      </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>(2) Curtis</u>	HP: <u>(2) 7.5</u>
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**Facility No.** 7602 **Name:** Turner W. H. Arts **Address:** 10151 N.W. 19 Avenue Miami, FL 33147

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>3</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>6</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7251 **Name:** Miami Central Sr **Address:** 1781 N.W. 95 St., Miami, FL 33147  
Main Chiller Room

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 05122 Approx. Tonnage: 290  
Ref. Type: R-11 Ref. Charge Lb: 1050 Start Up Date: 1992
2. Manufacturer: York Model: YT Serial #: 61042 Approx. Tonnage: 290  
Ref. Type: R-11 Ref. Charge Lb: 1050 Start Up Date: 1992
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1998
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7251 **Name:** Miami Central Sr **Address:** 1781 N.W. 95 St., Miami, FL 33147

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**20. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0101 **Name:** Arcola Lake Elementary **Address:** 1037 N.W. 81 Street Miami, FL 33150

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 03659 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 410 Start Up Date: 1996
2. Manufacturer: Trane Model: RTHB Serial #: 03660 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 410 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1996
2. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 0101 **Name:** Arcola Lake Elementary **Address:** 1037 N.W. 81 Street Miami, FL 33150

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**21. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Any Trane system control panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6031 **Name:** Brownsville Middle **Address:** 4899 N.W. 24<sup>th</sup> Avenue Miami, FL 33142

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 06496 Approx. Tonnage: 170  
Ref. Type: R-22 Ref. Charge Lb: 330 Start Up Date: 1992
2. Manufacturer: Trane Model: RTHA Serial #: 06497 Approx. Tonnage: 170  
Ref. Type: R-22 Ref. Charge Lb: 330 Start Up Date: 1992
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: 1886-69A Serial #: 17542 H.P.: 7.5/1.9  
Condition: Fair Start Up Date: 1992
2. Manufacturer: Evapco Model: 1886-69A Serial #: 17543 H.P.: 7.5/1.9  
Condition: Fair Start Up Date: 1992

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>
Manufacturer ( <u>Other</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP: <u>      </u>
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**Facility No.** 6031 **Name:** Brownsville Middle **Address:** 4899 N.W. 24<sup>th</sup> Avenue Miami, FL 33142

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**22. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of contract.



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 8119 **Name:** 500 Roll Model **Address:** 6300 N.W. 27 Avenue Miami, FL 33147

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTWA Serial #: A0770 Approx. Tonnage: 223  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 1998
2. Manufacturer:      Model:      Serial #:      Approx. Tonnage:  
Ref. Type: R- Ref. Charge Lb:      Start Up Date:
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 200SS Serial #: 0701-200 H.P.: 5  
Condition: Poor Start Up Date: 1998
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell&amp;Gosett</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Bell&amp;Gosett</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 8119 **Name:** 500 Roll Model **Address:** 6300 N.W. 27 Avenue Miami, FL 33147

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**23. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

Comments:

# RMaC

# 4

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 2741 Name: Key Biscayne Elem. Address: 150 W. McIntire Street Key Bisc., FL 33149**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: Carrier	Model: 30 HXC	Serial #: 3504Q04312      Approx. Tonnage: 125
	Ref. Type: 134A	Ref. Charge Lb: 210	Start Up Date:
2.	Manufacturer: Carrier	Model: 30 HXC	Serial #: 3504Q04313      Approx. Tonnage: 125
	Ref. Type: 134A	Ref. Charge Lb: 210	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Evapco	Model: USS 19-58	Serial #: 4-110120      H.P.: 7.5
	Condition:	Start Up Date:	
2.	Manufacturer: Evapco	Model: USS 19-58	Serial #: 4-110120      H.P.: 7.5
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ): Marathon		Quantity: 2	HP: 10
Manufacturer ( <u>Chilled</u> ): Marathon		Quantity: 2	HP: 10
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No. 2741 Name: Key Biscayne Elem. Address: 150 W. McIntire Street Key Bisc., FL 33149**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES
Chemical Pump(s): Milton Roy AA151-925	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>7. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 5001 Name: Shenandoa Elem. Address: 1023 SW 21 Avenue Miami, FL 33135**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: Carrier	Model: 30 HXC	Serial #: 1006Q06048      Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb: 210	Start Up Date:
2.	Manufacturer: Carrier	Model: 30 HXC	Serial #: 1006Q06047      Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb: 210	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Evapco	Model: USS 29-124	Serial #: 5-13579      H.P.: 10
	Condition:	Start Up Date:	
2.	Manufacturer: Evapco	Model: USS 29-124	Serial #:      H.P.: 10
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ): Taco		Quantity: 3	HP: 15
Manufacturer ( <u>Chilled</u> ): Taco		Quantity: 2	HP: 30
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ): Chilled Taco		Quantity: 3	HP: 7.5
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:













**Facility No. 5001 Name: Shenandoa Elem. Address: 1023 SW 21 Avenue Miami, FL 33135**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s):	YES
Chemical Pump(s): Milton Roy AA151-39851	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>8. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6331 **Name:** Kinloch Park Middle **Address:** 4340 N.W. 3 St., Miami, FL 33126

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 47919 Approx. Tonnage: 225  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1994
2. Manufacturer: Carrier Model: 23XL Serial #: 47920 Approx. Tonnage: 225  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1994
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NCS Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1994
2. Manufacturer: Marley Model: NCS Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): _____	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): _____	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Other</u> ): <u>Zone</u>	Quantity <u>2</u>	HP: <u>7.5</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 6331 Name: Kinloch Park Middle Address: 4340 N.W. 3 St., Miami, FL 33126**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6361 **Name:** de Diego, Jose Middle **Address:** 3100 N.W. 5<sup>th</sup> Ave., Miami, FL 33127

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PFS Serial #: 25001 Approx. Tonnage: 103  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1996
2. Manufacturer: McQuay Model: PFS Serial #: 25101 Approx. Tonnage: 103  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Tower-Tech Model: FF-126219 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_ Start Up Date: \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Armstrong</u>	Quantity <u>3</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Armstrong</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): <u>Armstrong</u>	Quantity <u>2</u>	HP: <u>60</u>
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 6361 Name: de Diego, Jose Middle Address: 3100 N.W. 5<sup>th</sup> Ave., Miami, FL 33127**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**10. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3051 **Name:** Louverture, Toussaint Elementary **Address:** 120 N.E. 59 St., Miami, Fl 33137

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 99027 Approx. Tonnage: 150  
Ref. Type: R-11 Ref. Charge Lb: 450 Start Up Date: 1986
2. Manufacturer: York Model: YT Serial #: 99028 Approx. Tonnage: 150  
Ref. Type: R-11 Ref. Charge Lb: 450 Start Up Date: 1986
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Old-Wood Start Up Date: 1986
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): _____	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): _____	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 3051 Name: Louverture, Toussaint Elementary Address: 120 N.E. 59 St., Miami, Fl 33137**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3431 **Name:** Miller Phyllis R. Elementary **Address:** 840 N.E. 87 Street Miami, FL 33138

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 23113 Approx. Tonnage: 135  
Ref. Type: R-22 Ref. Charge Lb: 490 Start Up Date: 1993
2. Manufacturer: York Model: YS Serial #: 23114 Approx. Tonnage: 135  
Ref. Type: R-22 Ref. Charge Lb: 490 Start Up Date: 1993
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 350S/S Serial #: 1990 H.P.: 10/2.5  
Condition: Very Poor Start Up Date: 1993
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>5</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Johnson</u>	Air Comp. Mfg.: <u>(2) Quiney</u>	HP: <u>(2) 5</u>
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**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7791 **Name:** Washington B. T. Senior **Address:** 1200 N.W. 6 Avenue Miami, FL 33136  
West new addition, water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 58990 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 840 Start Up Date: 2001
2. Manufacturer: York Model: YS Serial #: 59110 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 840 Start Up Date: 2001
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: AC21-921 Serial #: T010833 H.P.: 25  
Condition: Good Start Up Date: 2001
2. Manufacturer: Evapco Model: AC21-921 Serial #: \_\_\_\_\_ H.P.: 25  
Condition: Good Start Up Date: 2001

**C. WATER PUMP(S)**

Manufacturer (Cond): Weinman Quantity 2 HP: 20  
Manufacturer (Chilled): Weinman Quantity 2 HP: 20 VFD  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 7791 **Name:** Washington B. T. Senior **Address:** 1200 N.W. 6 Avenue Miami, FL 33136  
West new addition

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7791 **Name:** Washington, B.T. Senior **Address:** 1200 N.W. 6<sup>th</sup> Avenue Miami, FL 33136  
East water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: CVHE Serial #: 01807 Approx. Tonnage: 200  
Ref. Type: R-11 Ref. Charge Lb: 575 Start Up Date: 1987
2. Manufacturer: Trane Model: CVHE Serial #: 01808 Approx. Tonnage: 200  
Ref. Type: R-11 Ref. Charge Lb: 575 Start Up Date: 1987
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 368-102 Serial #: 1987 H.P.: 10/2.5  
Condition: Fair Start Up Date: 1987
2. Manufacturer: Marley Model: 368-102 Serial #: 1987 H.P.: 10/2.5  
Condition: Fair Start Up Date: 1987

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 7791 Name: Washington, B.T. Senior Address: 1200 N.W. 6<sup>th</sup> Avenue Miami, FL 33136**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6481 **Name:** Miami Edison Md **Address:** 6101 N.W. 2<sup>nd</sup> Ave., Miami, FL 33127

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: CVHE Serial #: 10798 Approx. Tonnage: 500  
Ref. Type: R-123 Ref. Charge Lb: 720 Start Up Date: 1996
2. Manufacturer: Trane Model: CVHE Serial #: 10949 Approx. Tonnage: 500  
Ref. Type: R-123 Ref. Charge Lb: 770 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC5022GS Serial #: 071095-001-95 H.P.: 30/7.5  
Condition: Good Start Up Date: 1996
2. Manufacturer: Marley Model: NC5022GS Serial #: \_\_\_\_\_ H.P.: 30/7.5  
Condition: Good Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Chilled</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Other</u> ): <u>Cond. Reheat</u>	Quantity <u>1</u>	HP: <u>3</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

Facility No. \_\_\_\_\_ Name: Miami Edison Md Address: 6101 N.W. 2<sup>nd</sup> Ave., Miami, FL 33127

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>  </u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>  </u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>  </u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0111 **Name:** Angelou, Maya El **Address:** 1850 N.W. 32 Street, Miami, FL 33142

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 01203 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 310 Start Up Date: 1994
2. Manufacturer: Trane Model: RTHA Serial #: 01204 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 310 Start Up Date: 1994
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-35055 Serial #: 1788 H.P.: 10  
Condition: Poor Start Up Date: 1994
2. Manufacturer: Protec Model: PCT-35055 Serial #: 1788 H.P.: 10  
Condition: Poor Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>ACP Inc.</u>	Air Comp. Mfg.: <u>ACP Inc.</u>	HP: <u>2(2)</u>
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**Facility No. 0111 Name:**Angelou, Maya El **Address:** 1850 N.W. 32 Street, Miami, FL 33142

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane (SCP) system control panel is part of this contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7461 **Name:** Miami Senior **Address:** 2450 S.W. 1<sup>st</sup> Street, Miami, FL 33135  
Main Chiller Room

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHC Serial #: RTCEF Approx. Tonnage: 225  
Ref. Type: R-134A Ref. Charge Lb: 600 Start Up Date: 1999
2. Manufacturer: York Model: YT Serial #: 75405 Approx. Tonnage: 225  
Ref. Type: R-11 Ref. Charge Lb: 730 Start Up Date: 1990
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Poor-Bid Problem Start Up Date: 1983
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Chilled</u> ): <u>Peerless</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Johnson</u>	Air Comp. Mfg.: <u>Devilbiss</u>	HP: _____
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**Facility No.** 7461 **Name:** Miami Senior **Address:** 2450 S.W. 1<sup>st</sup> Street, Miami, FL 33135  
Main Chiller Room

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Letters of reference needed for Trane-Screw only.









**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 4841 **Name:** Santa Clara El **Address:** 1051 N.W. 29<sup>th</sup> Terrace, Miami, FL 33127

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 04658 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1997
2. Manufacturer: Trane Model: RTHB Serial #: 04659 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1997
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: AT8-718 Serial #: 952153 H.P.: 15/3.75  
Condition: Fair Start Up Date: 1997
2. Manufacturer: Evapco Model: AT8-718 Serial #: \_\_\_\_\_ H.P.: 15/3.75  
Condition: Fair Start Up Date: 1997

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 4841 Name: Santa Clara El Address: 1051 N.W. 29<sup>th</sup> Terrace, Miami, FL 33127**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6011 **Name:** Allapattah Middle **Address:** 1331 N.W. 46 Street Miami, FL 33142

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 00656 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1991
2. Manufacturer: Trane Model: RTHA Serial #: 00657 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 102 Serial #: 7-323-86 H.P.: 15  
Condition: Poor Start Up Date: 1986
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Peerless</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Peerless</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 6011 Name: Allapattah Middle Address: 1331 N.W. 46 Street Miami, FL 33142**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2741 **Name:** Key Biscayne Elem. **Address:** 150 W. McIntire St. Key Biscayne, FL 33149  
At the end of Key Biscayne Drive.

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTWA Serial #: 83741 Approx. Tonnage: 110  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 1998
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 200SS Serial #: 2228 H.P.: 5  
Condition: Poor Start Up Date: 1998
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 2741 **Name:** Key Biscayne Elem. **Address:** 150 W. McIntire Street Key Bisc., FL 33149

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**20. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7161 **Name:** Mast Academy **Address:** 3979 Rickenbacker Causeway  
Across the road way from the Sea Aquarium. Key Biscayne, FL 33149

**WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 04395 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 525 Start Up Date: 1991
2. Manufacturer: Trane Model: RTHA Serial #: 04396 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Berg Model: BT2-9624 Serial #: 30691 H.P.: 5  
Condition: Very Poor Start Up Date: 1991
2. Manufacturer: Berg Model: BT2-9624 Serial #: 40691 H.P.: 5  
Condition: Very Poor Start Up Date: 1991

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7161 **Name:** Mast Academy **Address:** 3979 Rickenbacker Causeway Key Bisc. Fl 33149

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**21. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Trane 04395 heat recovering condenser is part of contract.

Trane System Control Panel (SCP) is also part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7341 **Name:** Miami Jackson Senior **Address:** 1751 N.W. 36 Street Miami, FL 33142

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 00593 Approx. Tonnage: 230  
Ref. Type: R-22 Ref. Charge Lb: 360 Start Up Date: 1989
2. Manufacturer: Trane Model: RTHA Serial #: 01498 Approx. Tonnage: 330  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1990
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 102-100 Serial #: 3-832-90 H.P.: 10/2.5  
Condition: Fair Start Up Date: 1992
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10/2.5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Cormell Quantity 2 HP: 15  
Manufacturer (Chilled): Cormell Quantity 2 HP: 40  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 7341 **Name:** Miami Jackson Senior **Address:** 1751 N.W. 36 Street Miami, FL 33142

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**22. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 9999 **Name:** S.B.A.B. **Address:** 1450 N.E. 2<sup>nd</sup> Ave., Miami, FL 33132  
Main Chiller Room, 3<sup>rd</sup> Floor

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 76662 Approx. Tonnage: 200  
Ref. Type: R-11 Ref. Charge Lb: 950 Start Up Date: 1986
2. Manufacturer: Trane Model: PCV Serial #: 15242 Approx. Tonnage: 200  
Ref. Type: R-11 Ref. Charge Lb: 610 Start Up Date: 1985
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Old Wood Start Up Date: 1985
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>10</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Honeywell</u>	HP: _____
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**Facility No. 9999 Name: S.B.A.B. Address: 1450 N.E. 2<sup>nd</sup> Ave., Miami, FL 33132**  
**Main Chiller Room, 3<sup>rd</sup> Floor**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**23. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Letters of reference needed from York centrifugal only.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 9311 **Name:** S.B.A.B. - Annex **Address:** 1500 Biscayne Blvd., Miami, FL 33132

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 09424 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 840 Start Up Date: 1994
2. Manufacturer: Trane Model: RTHA Serial #: 09425 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 840 Start Up Date: 1994
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: FT851125 Serial #: 45083 H.P.: 15  
Condition: Poor Start Up Date: 1994
2. Manufacturer: Thermal-Care Model: FT851125 Serial #: 451 H.P.: 15  
Condition: Poor Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ):	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Chilled</u> ):	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ):	Quantity <u>      </u>	HP: <u>      </u>
Manufacturer ( <u>Other</u> ): <u>Standby</u>	Quantity <u>1</u>	HP: <u>30</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Curtis</u>	HP: <u>3(2)</u>
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**Facility No.** 9311 **Name:** S.B.A.B. - Annex **Address:** 1500 Biscayne Blvd., Miami, FL 33132

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**24. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane System Control Panel (SCP) is part of this contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2351 **Name:** Hartner, Eneida El **Address:** 401 N.W. 29<sup>th</sup> Street, Miami, FL 33127

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 04660 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1997
2. Manufacturer: Trane Model: RTHB Serial #: 04661 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 550 Start Up Date: 1997
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: AT8-718 Serial #: 952152 H.P.: 15/3.75  
Condition: Fair Start Up Date: 1997
2. Manufacturer: Evapco Model: AT8-718 Serial #: 952152 H.P.: 15/3.75  
Condition: Fair Start Up Date: 1997

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Other</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>      </u>	Air Comp. Mfg.: <u>      </u>	HP: <u>      </u>
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**Facility No. 2351 Name:**Hartner, Eneida El **Address:** 401 N.W. 29<sup>th</sup> Street, Miami, FL 33127

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**25. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 4491 Name: Henry Reeves Elementary Address: \_\_\_\_\_**

**A. WATER CHILLER(S)**

1.	Manufacturer: York - Centrifugal	Model:	Serial #:	Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:	
2.	Manufacturer:	Model:	Serial #:	Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:	
3.	Manufacturer:	Model:	Serial #	Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:	

**B. COOLING TOWER(S)**

1.	Manufacturer:	Model:	Serial #:	H.P.:
	Condition:	Start Up Date:		
2.	Manufacturer:	Model:	Serial #:	H.P.:
	Condition:	Start Up Date:		

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ):	Quantity	HP:
Manufacturer ( <u>Chilled</u> ):	Quantity	HP:
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity	HP:

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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**Facility No. 4491 Name: Henry Reeves Elementary Address: \_\_\_\_\_**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES/NO
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES/NO
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES/NO
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES/NO
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES/NO
<b>26. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 3191 Name: Ada Merrit Elementary Address: 660 SW 3 RD Street**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: Trane	Model: RTHC	Serial #: 402FO4999      Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb:	Start Up Date: 2003
2.	Manufacturer: Trane	Model: RTHC	Serial #: 402O4999      Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb:	Start Up Date: 2003
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Marley	Model: NC8302E2SS	Serial #: 223603-A1      H.P.:
	Condition: Good	Start Up Date: 2003	
2.	Manufacturer: Marley	Model: NC8302E2SS	Serial #: 223603-A2      H.P.:
	Condition: Good	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer (Cond): Peerless		Quantity: 2	HP: 15
Manufacturer (Chilled): Peerless		Quantity: 2	HP: 10
Manufacturer (Zone):		Quantity	HP:
Manufacturer (Other):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No. 3191 Name: Ada Merrit Elementary Address: \_\_\_\_\_**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES
Chemical Pump(s): Milton Roy A151-925	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>27. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY: 2
Ethylene Glycol: (Ice Bank Coolant)	NO
<b>Comments:</b> Trane REF monitor RMWG4E0A0A0 (2) GU3000 A/C drive tower motors.	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6741 **Name:** Ponce de Leon Middle **Address:** 5801 Augusto Street

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: Trane	Model: RTWA	Serial #: U99AO5206      Approx. Tonnage: 90
	Ref. Type: R-22	Ref. Charge Lb: 136	Start Up Date:
2.	Manufacturer: Trane	Model: RTWA	Serial #: U99AO5206      Approx. Tonnage: 90
	Ref. Type: R-22	Ref. Charge Lb: 136	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Evapco	Model: SST-8-318B	Serial #: 984295      H.P.: 5
	Condition:	Start Up Date:	
2.	Manufacturer: Evapco	Model: SST-8-318B	Serial #: 984295      H.P.: 5
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer (Cond): ITT-A-C		Quantity:2	HP: 7.5
Manufacturer (Chilled): Allis Changers		Quantity:2	HP: 20
Manufacturer (Zone):		Quantity	HP:
Manufacturer (Other):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg: Speed Air		Air Comp. Mfg.: Quincy	HP: 1.5 X 2 motors

**Facility No.** 6741 **Name:** Ponce de Leon Middle **Address:** 5801 Augusto Street

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s): Milton Roy A151-92S	YES
Chemical Pump(s):	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>28. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY: 2
Ethylene Glycol: (Ice Bank Coolant)	NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 6091 Name: Citrus Grove Middle Address: 2153 NW 3 ST Miami, FL 33125**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: Trane	Model: RTWA 1004 YH01	Serial #: U06D07320
	Ref. Type: R-22	Ref. Charge Lb: 184 lbs	Start Up Date:
2.	Manufacturer: Trane	Model: RTWA 1004 YH01	Serial #: U06D07319
	Ref. Type: R-22	Ref. Charge Lb: 184 lbs	Start Up Date:
3.	Manufacturer:	Model:	Serial #
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Marley	Model: AV610125	Serial #: AV808125-A2
	Condition:	Start Up Date:	H.P.:
2.	Manufacturer: Marley	Model: AV610125	Serial #: AV808125-A1
	Condition:	Start Up Date:	H.P.:
<b>C. WATER PUMP(S)</b>			
Manufacturer ( <u>Cond</u> ): Taco		Quantity: 2	HP: 7.5
Manufacturer ( <u>Chilled</u> ): Taco		Quantity: 2	HP: 10
Manufacturer ( <u>Zone</u> ):		Quantity	HP:
Manufacturer ( <u>Other</u> ):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:



**Facility No. 6091 Name: Citrus Grove Middle Address: 2153 NW 3 ST Miami, FL 33125**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY:
Flow Switch(s):	YES/NO
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES/NO
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES/NO
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES/NO
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES/NO
<b>29. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 2661 Name: Kensington Park Elem. Address: 711 NW 30 Ave Miami, FL 33125**

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: York	Model: YRWCWDT1-46C	Serial #: SERM-205790
	Ref. Type: R-134A	Ref. Charge Lb: 1100 lbs	Start Up Date:
			Approx. Tonnage:
2.	Manufacturer: York	Model: YRWCWDT1-46C	Serial #: SERM-205680
	Ref. Type: R-134A	Ref. Charge Lb: 1100 lbs	Start Up Date:
			Approx. Tonnage:
3.	Manufacturer:	Model:	Serial #
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
			Approx. Tonnage:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Air Coil	Model: 3333A-2	Serial #: U065311804
	Condition:	Start Up Date:	H.P.:
2.	Manufacturer:	Model:	Serial #:
	Condition:	Start Up Date:	H.P.:
<b>C. WATER PUMP(S)</b>			
Manufacturer (Cond): Bell-Gossett		Quantity: 2	HP: 15
Manufacturer (Chilled): Bell-Gossett		Quantity: 2	HP: 25
Manufacturer (Zone):		Quantity	HP:
Manufacturer (Other):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No. 2661 Name: Kensington Park Elem. Address: 711 NW 30 Ave Miami, FL 33125**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s): Pulsatron LB64SA-PTC1-XXX	YES
Chemical Pump(s):	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>30. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7071 **Name:** Coral Gables Senior **Address:** 450 Bird Road

<b>A. WATER CHILLER(S)</b>			
1.	Manufacturer: York	Model: YCWS	Serial #: RCNM009600      Approx. Tonnage:
	Ref. Type: R-22	Ref. Charge Lb: 120 lbs	Start Up Date:
2.	Manufacturer: York	Model: YCWS	Serial #: RCNM009599      Approx. Tonnage:
	Ref. Type: R-22	Ref. Charge Lb: 120 lbs	Start Up Date:
3.	Manufacturer:	Model:	Serial #      Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:
<b>B. COOLING TOWER(S)</b>			
1.	Manufacturer: Evapco	Model: USS19-66	Serial #: 4-104307      H.P.: 7.5
	Condition:	Start Up Date:	
2.	Manufacturer: Evapco	Model: USS19-66	Serial #: 4-104308      H.P.: 7.5
	Condition:	Start Up Date:	
<b>C. WATER PUMP(S)</b>			
Manufacturer (Cond): Armstrong		Quantity: 2	HP: 7.5
Manufacturer (Chilled): Baldor		Quantity: 2	HP: 10
Manufacturer (Zone):		Quantity	HP:
Manufacturer (Other):		Quantity	HP:
<b>D. CONTROL SYSTEM</b>			
Air Dryer Mfg:		Air Comp. Mfg.:	HP:

**Facility No.** 7071 **Name:** Coral Gables Senior **Address:** 450 Bird Road

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s):	YES
Chemical Pump(s): Milton Roy AA151-92S	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>31. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6041 **Name:** Bell Paul W. Middle **Address:** 11800N.W. 2 Street Miami, FL 33182

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 49419 Approx. Tonnage: 270  
Ref. Type: R-22 Ref. Charge Lb: 900 Start Up Date: 1996
2. Manufacturer: Carrier Model: 23XL Serial #: 49569 Approx. Tonnage: 270  
Ref. Type: R-22 Ref. Charge Lb: 900 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT Serial #: 2085 H.P.: 30  
Condition: Poor Start Up Date: 1996
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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**Facility No.** 6041 **Name:** Bell Paul W. Middle **Address:** 11800 N.W. 2Street Miami, Fl 33182

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**7. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5121 **Name:** Snapper Creek Elementary **Address:** 10151 S.W. 64 Street Miami, FL 33173

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 30HX Serial #: 44938 Approx. Tonnage: 106  
Ref. Type: R-134-A Ref. Charge Lb: 138 Start Up Date: 1997
2. Manufacturer:            Model: Serial #:            Approx. Tonnage:  
Ref. Type: R-            Ref. Charge Lb:            Start Up Date:
3. Manufacturer:            Model: Serial #:            Approx. Tonnage:  
Ref. Type: R-            Ref. Charge Lb:            Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Protec            Model: PCT            Serial #: 2576            H.P.: 3  
Condition: Poor            Start Up Date: 1997
2. Manufacturer:            Model: \_\_\_\_\_            Serial #: \_\_\_\_\_            H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_            Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>1</u>	HP: <u>5</u>
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity	HP:

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 5121 Name: Snapper Creek Elementary Address: 10151 S.W. 64 Street Miami, Fl 33173**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**8. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6961 **Name:** West Miami Middle **Address:** 7525 S.W. 24<sup>th</sup> Street Miami, FL 33155

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 57283 Approx. Tonnage: 165  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1998
2. Manufacturer: Carrier Model: 23XL Serial #: 57284 Approx. Tonnage: 165  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1998
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC321286 Serial #: 117199-001-97 H.P.: 15  
Condition: Good Start Up Date: 1998
2. Manufacturer: Marley Model: NC Serial #: \_\_\_\_\_ H.P.: 15  
Condition: Good Start Up Date: 1998

**C. WATER PUMP(S)**

Manufacturer (Cond): Taco Quantity 2 HP: 20  
Manufacturer (Chilled): Taco Quantity 2 HP: 25  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 6961 Name: West Miami Middle Address: 7525 S.W. 24<sup>th</sup> Street Miami, FL 33155**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2891 **Name:** Lehman, William Elementary **Address:** 10990 S.W. 113 Pl., Miami, Fl 33176

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A94G Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 304 Start Up Date: 1995
2. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1B94G Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 304 Start Up Date: 1995
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 200SS Serial #: 1980 H.P.: 15  
Condition: Poor Start Up Date: 1995
2. Manufacturer: Protec Model: 200SS Serial #: 1979 H.P.: 15  
Condition: Poor Start Up Date: 1995

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 2891 Name: Lehman, William Elementary Address: 10990 S.W. 113 Pl., Miami, Fl 33176**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**10. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3111 **Name:** Matthews, Wesley El **Address:** 12345 S.W. 18 Ter., Miami, FL 33175

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A95D Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 312 Start Up Date: 1996
2. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1B950 Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 312 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: AT6-618B Serial #: 1996 H.P.: 7.5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 3111 Name: Matthews, Wesley El Address: 12345 S.W. 18 Ter., Miami, FL 33175**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>YES</u>

**Comments:**



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 1331 **Name:** Devon Aire Elementary **Address:** 10501 S.W. 122 Ave., Miami, FL 33186

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEHO Serial #: 81002 Approx. Tonnage: 105  
Ref. Type: R-134A Ref. Charge Lb: 250 Start Up Date: 1996
2. Manufacturer: McQuay Model: PEHO Serial #: 81006 Approx. Tonnage: 105  
Ref. Type: R-134A Ref. Charge Lb: 250 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: 1999
2. Manufacturer: Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: 1999

**C. WATER PUMP(S)**

Manufacturer (Cond): Allis-Chambers Quantity 2 HP: 15  
Manufacturer (Chilled): Allis-Chambers Quantity 2 HP: 20  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No.** 1331 **Name:** Devon Aire Elementary **Address:** 10501 S.W. 122 Ave., Miami, FL 33186

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 1371 **Name:** Douglas, Marjory S. Elem. **Address:** 11901 S.W. 2<sup>nd</sup> Street Miami, FL 33184

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEH050 Serial #: 02000 Approx. Tonnage: 150  
Ref. Type: R-134A Ref. Charge Lb: 430 Start Up Date: 1991
2. Manufacturer: McQuay Model: PEH050 Serial #: 02200 Approx. Tonnage: 150  
Ref. Type: R-134A Ref. Charge Lb: 430 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: King Sun Model: 200RT Serial #: \_\_\_\_\_ H.P.: 5  
Condition: Very Poor Start Up Date: 1991
2. Manufacturer: King Sun Model: 200RT Serial #: \_\_\_\_\_ H.P.: 5  
Condition: Very Poor Start Up Date: 1991

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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**Facility No.** 1371 **Name:** Douglas, Marjory S. Elem. **Address:** 11901 S.W. 2<sup>nd</sup> Street Miami, FL 33184

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Electrical operated valves and step controller are part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2341 **Name:** Hall, Joe Elementary **Address:** 1901 S.W. 134 Avenue Miami, FL 33175

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTW Serial #: V05K04213 Approx. Tonnage: 90  
Ref. Type: 22 Ref. Charge Lb: 121 Start Up Date: 3/06
2. Manufacturer: Trane Model: RTW Serial #: V05K04214 Approx. Tonnage: 90  
Ref. Type: 22 Ref. Charge Lb: 121 Start Up Date: 3/06
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: USS19-56 Serial #: 4-117084 H.P.: 5  
Condition: New Start Up Date: 3/06
2. Manufacturer: Evapco Model: USS19-56 Serial #: 4-117084 H.P.: 5  
Condition: New Start Up Date: 3/06

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Wienman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Wienman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Sherlock</u>	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 2341 **Name:** Hall, Joe Elementary **Address:** 1901 S.W. 134 Avenue Miami, FL 33175

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2021 **Name:** Floyd Gloria Elem. **Address:** 12650 S.W. 109 Avenue Miami, FL 33176

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 72655 Approx. Tonnage: 160  
Ref. Type: R-11 Ref. Charge Lb: 950 Start Up Date: 1985
2. Manufacturer: McQuay Model: PEH Serial #: 81022 Approx. Tonnage: 130  
Ref. Type: R-134A Ref. Charge Lb: 480 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 150 S/S Serial #: 2985 H.P.: 3  
Condition: Poor Start Up Date: 1998
2. Manufacturer: Protec Model: 150 S/S Serial #: 2986 H.P.: 3  
Condition: Poor Start Up Date: 1998

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>YES</u>	Air Comp. Mfg.: <u>Honeywell</u>	HP: <u>(2) 2</u>
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**Facility No.** 2021 **Name:** Floyd Gloria Elem. **Address:** 12650 S.W. 109 avenue Miami, FL 33176

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Letters of reference needed for the York Centrifugal water chiller only.



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7361 **Name:** Miami Killian Senior **Address:** 10655 S.W. 97 Avenue Miami, Fl 33177

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 25964 Approx. Tonnage: 275  
Ref. Type: R-11 Ref. Charge Lb: 800 Start Up Date: 1989
2. Manufacturer: York Model: YT Serial #: 46746 Approx. Tonnage: 275  
Ref. Type: R-11 Ref. Charge Lb: 800 Start Up Date: 1989
3. Manufacturer: Trane Model: RTHA Serial #: 05934 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 260 Start Up Date: 1993

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC3012 Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Fair Start Up Date: 1994
2. Manufacturer: Protec Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_ Condition: \_\_\_\_\_  
Poor Start Up Date: 1993

**C. WATER PUMP(S)**

Manufacturer (Cond): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer (Cond): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer (Chilled): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer (Chilled): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>40</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankinson</u>	Air Comp. Mfg.: <u>Johnson</u>	HP: <u>.5</u>
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**Facility No.** 7361 **Name:** Miami Killian Senior **Address:** 10655 S.W. 97 Avenue Miami, Fl 33176

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 2

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 4

Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 3

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:** Letters of reference needed for the York Centrifugal water chiller only.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 3541 **Name:** Moton, Robert Russa El **Address:** 18050 Homestead Ave., Perine, Fl 33157

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YS Serial #: 18310 Approx. Tonnage: 223  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1997
2. Manufacturer: York Model: YS Serial #: 18740 Approx. Tonnage: 223  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1997
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 98713-365 Serial #: 102-96 H.P.: 15/3.75  
Condition: Good-Wood Start Up Date: 1997
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer (Chilled): <u>Aurora</u>	Quantity <u>1</u>	HP: <u>25</u>
Manufacturer (Zone): _____	Quantity _____	HP: _____
Manufacturer (Other): <u>Aurora</u>	Quantity <u>1</u>	HP: <u>30</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 3541 **Name:** Moton, Robert Russa El **Address:** 18050 Homestead Ave., Perine, Fl 33157

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7051 **Name:** Braddock, G. Holmes Sr. **Address:** 3601 S.W. 147 Avenue Miami, FL 33183

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: CVHE Serial #: 04062 Approx. Tonnage: 250  
Ref. Type: R-11 Ref. Charge Lb: 750 Start Up Date: 1990
2. Manufacturer: Trane Model: CVHE Serial #: 04063 Approx. Tonnage: 250  
Ref. Type: R-11 Ref. Charge Lb: 750 Start Up Date: 1990
3. Manufacturer: Trane Model: CVHE Serial #: 04064 Approx. Tonnage: 250  
Ref. Type: R-11 Ref. Charge Lb: 750 Start Up Date: 1990

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 451-200 Serial #: 3216-90 H.P.: 25/6.25  
Condition: Fair Start Up Date: 1990
2. Manufacturer:      Model:      Serial #:      H.P.: 25/6.25  
Condition:      Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Armstrong</u>	Quantity <u>3</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Armstrong</u>	Quantity <u>3</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7051 **Name:** Braddock, G. Holmes Sr. **Address:** 3601 S.W. 147 Avenue Miami, FL 33183

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5061 **Name:** Finlay, Carlos El **Address:** 851 S.W. 117<sup>th</sup> Ave., Miami, FL 33174

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTWA Serial #: 04851 Approx. Tonnage: 104  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 2000
2. Manufacturer: Trane Model: RTWA Serial #: 04852 Approx. Tonnage: 104  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 2000
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 3407 Serial #:        H.P.: 5  
Condition: Poor Start Up Date: 2000
2. Manufacturer: Protec Model: 3407 Serial #:        H.P.: 5  
Condition: Poor Start Up Date: 2000

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 15  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 25  
Manufacturer (Zone):        Quantity        HP:         
Manufacturer (Other):        Quantity        HP:       

**D. CONTROL SYSTEM**

Air Dryer Mfg:        Air Comp. Mfg.:        HP:

**Facility No.** 5061 **Name:** Finlay, Carlos El **Address:** 851 S.W. 117<sup>th</sup> Ave., Miami, FL 33174

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>YES</u>

**Comments:**

\_\_\_\_\_



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6861 **Name:** Southwood Md **Address:** 16301 S.W. 80 Avenue, Miami, FL 33157

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 03449 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 330 Start Up Date: 1992
2. Manufacturer: Trane Model: RTHA Serial #: 07382 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 330 Start Up Date: 1992
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC1012CS Serial #: 071082-001 H.P.: 7.5  
Condition: Good Start Up Date: 1995
2. Manufacturer: Marley Model: NC1012CS Serial #: 071082-001 H.P.: 7.5  
Condition: Good Start Up Date: 1995

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 7.5  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 10  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Speedair Air Comp. Mfg.: Quincy HP: 2

**Facility No. 6861 Name: Southwood Md Address: 16301 S.W. 80 Avenue, Miami, FL 33157**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>NO</u>

**20. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Speedair Model OC02008D00462 Serial 20050628-0091

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0251 **Name:** Beckham, Ethel K. Elem. **Address:** 4702 S.W. 143 Court Miami, FL 33175

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTWA Serial #: 08808 Approx. Tonnage: 125  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 1996
2. Manufacturer: Trane Model: RTWA Serial #: 08809 Approx. Tonnage: 125  
Ref. Type: R-22 Ref. Charge Lb: 190 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Thermal-Care Model: FT Serial #: \_\_\_\_\_ H.P.: 7.5  
Condition: Poor Start Up Date: 1996
2. Manufacturer: Thermal-Care Model: FT Serial #: \_\_\_\_\_ H.P.: 7.5  
Condition: Poor Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP: _____
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**Facility No. 0251 Name:** Beckham, Ethel K. Elem. **Address:** 4702 S.W. 143 Court Miami, FL 33175

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**21. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0271 **Name:** Bent Tree Elementary **Address:** 4861 S.W. 140<sup>th</sup> Avenue Miami, FL 33175

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTWA Serial #: 06010 Approx. Tonnage: 105  
Ref. Type: R-22 Ref. Charge Lb: 180 Start Up Date: 1998
2. Manufacturer: Trane Model: RTWA Serial #: 06011 Approx. Tonnage: 105  
Ref. Type: R-22 Ref. Charge Lb: 180 Start Up Date: 1998
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 341 Serial #: 92880 H.P.: 7.5/1.88  
Condition: Good Start Up Date: 1999
2. Manufacturer: Marley Model: 341 Serial #: 92880 H.P.: 7.5/1.88  
Condition: Good Start Up Date: 1999

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity	HP:

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 0271 **Name:** Bent Tree Elementary **Address:** 4861 S.W. 140<sup>th</sup> Avenue Miami, FL 33175

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**22. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7721 **Name:** South Miami Senior **Address:** 6856 S.W. 53 Street Miami, FL 33155

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 04161 Approx. Tonnage: 330  
Ref. Type: R-22 Ref. Charge Lb: 980 Start Up Date: 1998
2. Manufacturer: Trane Model: RTHB Serial #: 05952 Approx. Tonnage: 330  
Ref. Type: R-22 Ref. Charge Lb: 980 Start Up Date: 1999
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC42025SS Serial #: 143757-00 H.P.: 15  
Condition: Good Start Up Date: 1999
2. Manufacturer: Marley Model: NC42025SS Serial #: 143757-99 H.P.: 15  
Condition: Good Start Up Date: 1999

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Paco</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Paco</u>	Quantity <u>2</u>	HP: <u>30</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Yes</u>	Air Comp. Mfg.: <u>Yes</u>	HP: _____
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**Facility No. 7721 Name: South Miami Senior Address: 6856 S.W. 53 Street Miami, FL 33155**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**23. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Trane Control System Panel (CSP) is part of contract. Hankison, Quincy Model OC2008D00509 Serial 200606628-0085



# MIAMI-DADE COUNTY PUBLIC SCHOOLS EQUIPMENT SHEET

**Facility No.** 6921 **Name:** Lamar Curry Middle **Address:** \_\_\_\_\_

## A. WATER CHILLER(S)

1.	Manufacturer: York	Model: YCWS0220SC46YAASB	Serial #: RBMM005113	Approx. Tonnage: 220
	Ref. Type:	Ref. Charge Lb: 460	Start Up Date: 2003	
2.	Manufacturer: York	Model: YCWS0220SC46YAASB	Serial #: RBMM005112	Approx. Tonnage: 220
	Ref. Type:	Ref. Charge Lb: 460	Start Up Date: 2003	
3.	Manufacturer:	Model:	Serial #	Approx. Tonnage:
	Ref. Type:	Ref. Charge Lb:	Start Up Date:	

## B. COOLING TOWER(S)

1.	Manufacturer: Evapco	Model: USS-29-321	Serial #: TO21857	H.P.: 2-10
	Condition: New	Start Up Date: 2003		
2.	Manufacturer:	Model:	Serial #:	H.P.:
	Condition:	Start Up Date:		

## C. WATER PUMP(S)

Manufacturer (Cond): Taco	Quantity: Two	HP: 20
Manufacturer (Chilled): Taco	Quantity: Two	HP: 20
Manufacturer (Zone):	Quantity	HP:
Manufacturer (Other):	Quantity	HP:

## D. CONTROL SYSTEM

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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Facility No. 6921 Name: Lamar Curry Middle Address: \_\_\_\_\_

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	QTY:
Flow Switch(s):	YES
Chemical Pump(s):	QTY:
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	NO
Corrosion Coupon Testing:(Quarterly):	YES

**24. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO

**Comments:**


# MIAMI-DADE COUNTY PUBLIC SCHOOLS EQUIPMENT SHEET

**Facility No. 6701 Name: Palmetto Middle Address: 7351 SW 128 Street**

<b>A. WATER CHILLER(S)</b>			
1. Manufacturer: Trane	Model: RTHb130ALF00LW000UNN2LF0000	Serial #: U01G05018	Approx. Tonnage: 220
Ref. Type: 22	Ref. Charge Lb:	Start Up Date: 2003	
2. Manufacturer: Trane	Model: RTHb130ALF00LW000UNN2LF0000	Serial #: U01G05017	Approx. Tonnage: 220
Ref. Type: 22	Ref. Charge Lb:	Start Up Date: 2003	
3. Manufacturer:	Model:	Serial #	Approx. Tonnage:
Ref. Type:	Ref. Charge Lb:	Start Up Date:	
<b>B. COOLING TOWER(S)</b>			
1. Manufacturer: Marley	Model: NC8301D2SS	Serial #: 207478-A1	H.P.: 2-10
Condition: New	Start Up Date: 2003		
2. Manufacturer: Marley	Model: NC8301D2SS	Serial #: 207478-A2	H.P.: 2-10
Condition: New	Start Up Date: 2003		
<b>C. WATER PUMP(S)</b>			
Manufacturer (Cond): Weinman	Quantity: 2	HP: 10	
Manufacturer (Chilled): Weinman	Quantity: 2	HP: 10	
Manufacturer (Zone):	Quantity	HP:	
Manufacturer (Other):	Quantity	HP:	
<b>D. CONTROL SYSTEM – Electronic</b>			
Air Dryer Mfg:	Air Comp. Mfg.:	HP:	

**Facility No. 6701 Name: Palmetto Middle Address: 7351 SW 128 Street**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s):	YES
Chemical Pump(s):	QTY: 2
Biocide Timer(s):	YES
Coupon Rack(s):	YES/NO
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	NO
Corrosion Coupon Testing:(Quarterly):	NO
<b>25. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	NO
<b>Comments:</b>	

# MIAMI-DADE COUNTY PUBLIC SCHOOLS EQUIPMENT SHEET

**Facility No. 7121 Name: John A. Ferguson Senior Address: \_\_\_\_\_**

## A. WATER CHILLER(S)

1.	Manufacturer: York	Model: DBDDH4-CPE	Serial #: SMLM 841550	Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb:	Start Up Date:	
2.	Manufacturer: York	Model: DBDDH4-CPE	Serial #: SMLM 841660	Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb:	Start Up Date:	
3.	Manufacturer: York	Model: YRTCTDTO 46-C	Serial #: SDRM 173270	Approx. Tonnage:
	Ref. Type: 134A	Ref. Charge Lb: 650	Start Up Date:	

## B. COOLING TOWER(S)

1.	Manufacturer: Evapco	Model: USS212824	Serial #: 1021856	H.P.: 30 x 2
	Condition: New	Start Up Date:		
2.	Manufacturer: Evapco	Model: USS 19-89	Serial #: 6-286598	H.P.: 15
	Condition: New	Start Up Date:		

## C. WATER PUMP(S)

Manufacturer (Cond): Taco	Quantity: 2 1	HP: 40 15
Manufacturer (Chilled): Taco	Quantity: 2 1	HP: 100 20
Manufacturer (Zone):	Quantity	HP:
Manufacturer (Other):	Quantity	HP:

## D. CONTROL SYSTEM

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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**Facility No. 7121 Name: John A. Ferguson Senior Address: \_\_\_\_\_**

<b>E. WATER TREATMENT EQUIPMENT</b>	
Conductivity Controller(s):	QTY: 1
Flow Switch(s):	YES
Chemical Pump(s):	QTY: 4
Biocide Timer(s):	YES
Coupon Rack(s):	YES
Solenoid Valve(s):	YES
<b>OTHER ITEMS</b>	
Biocide, Inhibitor, Closed Loop Inhibitor:	YES
Solar Salt: (In Softener Storage Tank):	YES/NO
Corrosion Coupon Testing:(Quarterly):	YES
<b>26. MISCELLANEOUS</b>	
Eddy Current Test(s): (Line Item For First Year Of Contract Only)	QTY:
Ethylene Glycol: (Ice Bank Coolant)	YES/NO
<b>Comments:</b>	

RMaC

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**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2151 **Name:** Gordon, Jack Elementary **Address:** 14600 Country Walk Dr., Miami Fl 33196

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier - Screw Model: 23XL Serial #: 46893 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1994
2. Manufacturer: Carrier - Screw Model: 23XL Serial #: 46894 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 650 Start Up Date: 1994
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-300G Serial #: 1554 H.P.: 7.5/1.8  
Condition: Poor Start Up Date: 1994
2. Manufacturer: Protec Model: PCT-300G Serial #: 1555 H.P.: 7.5/1.8  
Condition: Poor Start Up Date: 1994

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Products</u>	HP: <u>1 1/2(2)</u>
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**Facility No.** 2151 **Name:** Gordon, Jack Elementary **Address:** 14600 Country Walk Dr., Miami Fl 33196

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 2

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 4

Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**7. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 2

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0661 **Name:** Caribbean Elementary **Address:** 11990 S.W. 200 Sreet Miami, Fl 33177

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 56251 Approx. Tonnage: 110  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1998
2. Manufacturer: Carrier Model: 23XL Serial #: 56252 Approx. Tonnage: 110  
Ref. Type: R-22 Ref. Charge Lb: 600 Start Up Date: 1998
3. Manufacturer:      Model:      Serial #:      Approx. Tonnage:  
Ref. Type: R- Ref. Charge Lb:      Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 500 Serial #: 2761 H.P.: 15  
Condition: Poor Start Up Date: 1998

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 10  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 15  
Manufacturer (Zone):      Quantity      HP:  
Manufacturer (Other):      Quantity        HP:       

**D. CONTROL SYSTEM**

Air Dryer Mfg:      Air Comp. Mfg.:      HP:

**Facility No.** 0661 **Name:** Caribbean Elementary **Address:** 11990 S.W. 200 Street Miami, Fl 33177

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 1

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 2

Biocide Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**8. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 2

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7151 **Name:** Homestead Senior **Address:** 2351 S.E. 12 Avenue Homestead, FL 33035

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 23XL Serial #: 47179 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 750 Start Up Date: 1993
2. Manufacturer: Carrier Model: 23XL Serial #: 51552 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 750 Start Up Date: 1995
3. Manufacturer: Carrier Model: 23XL Serial #: 57307 Approx. Tonnage: 250  
Ref. Type: R-22 Ref. Charge Lb: 750 Start Up Date: 1998

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC5102B5 Serial #: 090582-001-96 H.P.: 20  
Condition: Fair Start Up Date: 1997
2. Manufacturer: Marley Model: NC5102B5 Serial #: 090582-001-96 H.P.: 20  
Condition: Fair Start Up Date: 1997

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chamers</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chamers</u>	Quantity <u>3</u>	HP: <u>25</u>
Manufacturer ( <u>Cond</u> ): <u>ITT</u>	Quantity <u>1</u>	HP: <u>15</u>
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: CSA MOD.8025 1/3 H.P. Comp Air Comp. Mfg.: DeVilbiss (2) MOD.247  
HP: 5 (2) electric motor  
230/460/3/60

**Facility No. 751 Name: Homestead Senior Address: 2352 S.E. 12 Avenue Homestead, FL 33035**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-92S or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L. Wingert- PCR-4-007</u>	<u>YES</u>
<u>LMI MOD.A151-92T</u>	
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>
<u>Honeywell – V4043A1010</u>	

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**9. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Part of this contract is the Culligan Water Softner, all parts, all labor, all needed solar rock salt and all needed resin replacement. Monthly water hardness test reports to be sent to M-DCPS.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2651 **Name:** Kendale Lakes Elementary **Address:** 8000 S.W. 142 Ave., Miami, FL 33182

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1A93B Approx. Tonnage: 120  
Ref. Type: R-22 Ref. Charge Lb: 335 Start Up Date: 1993
2. Manufacturer: Dunham-Bush Model: HWSC Serial #: 1B93B Approx. Tonnage: 120  
Ref. Type: R-22 Ref. Charge Lb: 335 Start Up Date: 1993
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: PCT-175 S/S Serial #: 14473 H.P.: 5  
Condition: Poor Start Up Date: 1993
2. Manufacturer: Portec Model: PCT-175 S/S Serial #: 14473 H.P.: 5  
Condition: Poor Start Up Date: 1993

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 2651 **Name:** Kendale Lakes Elementary **Address:** 8000 S.W.142 Ave., Miami, FL 33182

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**10. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7781 **Name:** Varela, Flex Senior **Address:** 15255 S.W. 96<sup>th</sup> Street Miami, FL 33196

**A. WATER CHILLER(S)**

1. Manufacturer: Dunham-Bush Model: WCFX Serial #: 1A99M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 520 Start Up Date: 2000
2. Manufacturer: Dunham-Bush Model: WCFX Serial #: 1B99M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 520 Start Up Date: 2000
3. Manufacturer: Dunham-Bush Model: WCFX Serial #: 1C99M Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 520 Start Up Date: 2000

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST 39-642 Serial #:        H.P.: 25/6.25  
Condition: Good Start Up Date: 2000
2. Manufacturer: (2) Evapco Model: (2) SST 39-642 Serial #:        H.P.: (2) 25/6.25  
Condition: (2) Good Start Up Date: (2) 2000

**C. WATER PUMP(S)**

Manufacturer (Cond): Taco Quantity 3 HP: 25  
Manufacturer (Chilled Prim): Taco Quantity 3 HP: 15  
Manufacturer (Chilled Sec): Taco VFD Quantity 2 HP: 75  
Manufacturer (Other):        Quantity        HP:       

**D. CONTROL SYSTEM**

Air Dryer Mfg:        Air Comp. Mfg.:        HP:



**Facility No. 7781 Name: Varela, Felix Senior Address: 15255 S.W. 96<sup>th</sup> Street Miami, FL 33196**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>3</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>6</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**11. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0671 **Name:** Calusa Elementary **Address:** 9580 W. Calusa Club Dr., Miami, Fl 33186

**A. WATER CHILLER(S)**

1. Manufacturer: Carrier Model: 30HXC106RZ-640 Serial #: 3002901822  
Approx. Tonnage: 100 (not sure) Ref. Type: 134-A Ref. Charge Lb:      Start Up Date: 2/2002
2. Manufacturer: Carrier Model: 30HXC106RZ-640 Serial #: 3002901821 Approx. Tonnage: 100Z (not sure) Ref. Type: 134-A Ref. Charge Lb:      Start Up Date: 8/2002
3. Manufacturer:      Model:      Serial #:      Approx. Tonnage:       
Ref. Type: R- Ref. Charge Lb:      Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: ? Serial #: NC8301C2SM **NO-226948-A1**  
H.P.: 5/1.25 Condition:      Start Up Date: ?
2. Manufacturer: Marley Model: ? Serial #: NC8301C2SM **NO-226948-A2**  
H.P.: 5/1.25 Condition:      Start Up Date: ?

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): <u>    </u>	Quantity <u>    </u>	HP: <u>    </u>
Manufacturer ( <u>Other</u> ): <u>    </u>	Quantity <u>    </u>	HP: <u>    </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>    </u>	Air Comp. Mfg.: <u>    </u>	HP: <u>    </u>
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**Facility No.** 0671 **Name:** Calusa Elementary **Address:** 9580 W. Calusa Club Dr., Miami, Fl 33186

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241 WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**12. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.0651 Name:** Campbell Drive Elem. **Address:** 15790 S.W. 307 St. Leisure City, FL 33033

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEH Serial #: 03000 Approx. Tonnage: 100  
Ref. Type: R-12 Ref. Charge Lb: 360 Start Up Date: 1985
2. Manufacturer: McQuay Model: PEH Serial #: 03100 Approx. Tonnage: 100  
Ref. Type: R-12 Ref. Charge Lb: 360 Start Up Date: 1985
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC Serial #: 6584401 – 8/31/94 – MF785999B28939N H.P.:  
Condition: Good Start Up Date: 1996
2. Manufacturer: Marley Model: NC Serial #: 65849-002 - B28939N – MF785999 H.P.:  
Condition: Good Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 0651 **Name:** Campbell Dr. Elem. **Address:** 15790 S.W. 307 Street Leisure City, FL 33033

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**13. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Part of this contract is the Culligan Water Softener, all parts, all labor, all needed resin replacement and all needed solar rock salt. Monthly water hardness testing with report sent to M-DCPS.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7531 **Name:** Miami Sunset Senior **Address:** 13125 S.W. 72 Street Miami, FL 33183

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PEH079 Serial #: 81016 Approx. Tonnage: 325  
Ref. Type: R-134A Ref. Charge Lb: 1050 Start Up Date: 1996
2. Manufacturer: Trane  
Model: RTHDUD1FXD0UAGZA4LALGZAZRALAVXQAEXAAXXY315ALVAXXXXXXXVX  
Serial #: U05H03385 Approx. Tonnage: 400  
Ref. Type: R-134A Ref. Charge Lb: 1050 Start Up Date: 2005
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC5102CS Serial #: 086866-001-95 H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1996
2. Manufacturer: Marley Model: NC5102CS Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: Good Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer (Cond): Allis-Chamers Quantity 2 HP: 30  
Manufacturer (Chilled): Allis-Chamers Quantity 2 HP: 20  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Hankison Air Comp. Mfg.: Quincy HP: 4

**Facility No. 7531 Name: Miami Sunset Senior Address: 13125 S.W. 72 Street Miami, FL 33183**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Pulsafeeder- ACT 101 C or Advantage -DCPS-C Quantity 2

Flow Switch(s): Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G YES

Chemical Pump(s): LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500 Quantity 4 Biocide

Timer(s): Paragon- 7008-00 or Advantage- DCPS-B YES

Coupon Rack(s): Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007 YES

Solenoid Valve(s): ALCO- 241WA-12P06 or Dayton-3A436 with 6X543 YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES

Solar Salt: (In Softener Storage Tank): NO

Corrosion Coupon Testing:(Quarterly): YES

**14. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 2

Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5961 **Name:** Winston Park Elementary **Address:** 13200 S.W. 79Street Miami, FL 33183

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHD Serial #: ? Approx. Tonnage: 300  
Ref. Type: 134A Ref. Charge Lb: 625 Start Up Date: ?
2. Manufacturer: Trane Model: RTHD Serial #: ? Approx. Tonnage: 300  
Ref. Type: 134A Ref. Charge Lb: 625 Start Up Date: ?
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC8304-F1 Serial #:        H.P.: 20  
Condition: New Start Up Date: 2003
2. Manufacturer: Marley Model: NC8304-F1 Serial #:        H.P.: 20  
Condition: New Start Up Date: 2006

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Bell &amp; Gossett</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>
Manufacturer ( <u>Other</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>      </u>	Air Comp. Mfg.: <u>      </u>	HP: <u>      </u>
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**Facility No. 5961 Name: Winston Park Elementary Address: 13200 S.W. 79 Street Miami, FL 33183**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**15. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0161 **Name:** Avocado Elementary **Address:** 16969 S.W. 294 Street Homestead, FL 33030

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PFS15 Serial #: 29800 Approx. Tonnage: 130  
Ref. Type: R-22 Ref. Charge Lb: 800 Start Up Date: 1996
2. Manufacturer: Model: Serial #: Approx. Tonnage:  
Ref. Type: R- Ref. Charge Lb: Start Up Date:
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC2101BM Serial #: 105141-001 H.P.: 7.5  
Condition: Good Start Up Date: 1997
2. Manufacturer: Model: Serial #: H.P.:  
Condition: Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Bell &amp; Gosset</u>	Quantity <u>1</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Aurora</u>	Quantity <u>1</u>	HP: <u>5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 0161 Name: Avocado Elementary Address: 16969 S.W. 294 Street Miami, FL 33030**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**16. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Part of this contract is the Culligan water softener, all parts, all labor, all need resign replacement and all needed solar rock salt. Monthly water hardness testing with report sent to M-DCPS.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5791 **Name:** West Homestead Elem. **Address:** 1550 S.W. 6 Street Homestead, FL 33030

**A. WATER CHILLER(S)**

1. Manufacturer: McQuay Model: PFS Serial #: 34701 Approx. Tonnage: 160  
Ref. Type: R-22 Ref. Charge Lb: 800 Start Up Date: 1997
2. Manufacturer:            Model:            Serial #:            Approx. Tonnage:  
Ref. Type: R- Ref. Charge Lb:            Start Up Date:
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_  
Ref. Type: R- Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: NC-1011GS Serial #: 03114223-001-92 H.P.: 7.5  
Condition: Good Start Up Date: 1993
2. Manufacturer:            Model:            Serial #: \_\_\_\_\_ H.P.:  
Condition:            Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>7.5</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity	HP:
Manufacturer ( <u>Other</u> ): <u>Zone</u>	Quantity	HP:

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 5791 **Name:** West Homestead Elem. **Address:** 1550 S.W. 6 Street Homestead. FL 33030

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**17. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>1</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Part of this contract is the Culligan water softener ,all parts, all labor, all needed resign replacement and all needed solar rock salt. Monthly water hardness testing with report sent to M-DCPS

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6221 **Name:** Hammocks Middle **Address:** 9889 Hammonks Blvd., Miami, FL 33196

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB150FMF Serial #: U02L0361 Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 285 Start Up Date: 2003
2. Manufacturer: Trane Model: RTHB150FMF Serial #: U020J01485 Approx. Tonnage: 150  
Ref. Type: R-22 Ref. Charge Lb: 285 Start Up Date: 2003

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 6206-2R5JC3 Serial #: NC630202SM H.P.: 7.5  
Condition: New Start Up Date: 2003
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Allis-Chalmers</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Allis-Chalmers</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>Hankison</u>	Air Comp. Mfg.: <u>Quinay</u>	HP: <u>2</u>
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**Facility No. 6221 Name: Hammocks Middle Address: 9889 Hammocks Blvd., Miami, FL 33196**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**18. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 0451 **Name:** Ashe Bowman Elem. **Address:** 6601 S.W. 152 Avenue Miami, FL 33193

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 46562 Approx. Tonnage: 180  
Ref. Type: R-11 Ref. Charge Lb: 750 Start Up Date: 1991
2. Manufacturer: York Model: YT Serial #: 59087 Approx. Tonnage: 180  
Ref. Type: R-11 Ref. Charge Lb: 750 Start Up Date: 1991
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 0365-102 Serial #: 3-412-91 H.P.: 10/2.5  
Condition: Fair Start Up Date: 1991
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10/2.5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP: _____
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**Facility No.** 0451 **Name:** Ashe Bowman Elem. **Address:** 6601 S.W. 152 Avenue Miami, FL 33193

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**19. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

\_\_\_\_\_

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 1811 **Name:** Fascell Dante B. Elem. **Address:** 15625 S.W. 80 Street Miami, FL 33193

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 11174 Approx. Tonnage: 196  
Ref. Type: R-11 Ref. Charge Lb: 730 Start Up Date: 1996
2. Manufacturer: York Model: YT Serial #: 52068 Approx. Tonnage: 196  
Ref. Type: R-11 Ref. Charge Lb: 730 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: Fair Start Up Date: 1996
2. Manufacturer: Evapco Model: SST8 Serial #: \_\_\_\_\_ H.P.: 20/5  
Condition: Fair Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Chilled</u> ): <u>TACO</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): _____	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ): _____	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No. 1811 Name: Fascell Dante B. Elem. Address: 15625 S.W. 80 Street Miami, FL 33193**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**20. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7701 **Name:** South Dade Senior **Address:** 28401 S.W. 167 Avenue Homestead, FL 33030  
West main water chiller room.

**A. WATER CHILLER(S)**

1. Manufacturer: York Model: YT Serial #: 10705 Approx. Tonnage: 235  
Ref. Type: R-11 Ref. Charge Lb: 850 Start Up Date: 1989
2. Manufacturer: York Model: YT Serial #: 43434 Approx. Tonnage: 225  
Ref. Type: R-11 Ref. Charge Lb: 850 Start Up Date: 1990
3. Manufacturer:      Model: Serial #:      Approx. Tonnage:  
Ref. Type: R-      Ref. Charge Lb:      Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model:      Serial #:      H.P.: ?  
Condition: Poor Start Up Date: 1981
2. Manufacturer:      Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: ?  
Condition: \_\_\_\_\_ Start Up Date:

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Aurora</u>	Quantity <u>2</u>	HP: <u>40</u>
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity	HP:

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 7701 **Name:** South Dade Senior **Address:** 28401 S.W. 167 Avenue Homestead, FL 33030

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**21. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Part of this contract is two (2) Culligan water softener, all parts, all labor, all needed resin replacement and all needed solar rock salt. Monthly water hardness testing with report sent to M-DCPS.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6081 **Name:** Centennial Middle **Address:** 8601 S.W. 212 St., Miami, FL 33189

**A. WATER CHILLER(S)**

1. Manufacturer: Trane – Screw  
Model: RTHDVCIFXGOUE1A3RALF1A2RALAVXQAEXAAXXY223BJXA5X-XXXX-XX  
Serial #: U06C06578 Approx. Tonnage: 155  
Ref. Type: R-134A Ref. Charge Lb: 525 Start Up Date: 7/2006
2. Manufacturer: Trane – Screw  
Model: RTHDVCIFXGOUE1A3RALF1A2RALAVXQAEXAAXXY223BJXA5X-XXXX-XX  
Serial #: U06C06577 Approx. Tonnage: 155  
Ref. Type: R-134A Ref. Charge Lb: 525 Start Up Date: 7/2006

**B. COOLING TOWER(S)**

1. Manufacturer: Baltimore Aircoil Model: JE272AFC2 Serial #: U064485801  
H.P.: 15HP-2EA  
Condition: New Start Up Date: 7/2006
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Baldor Mtr – TACO Pump Quantity 2 HP: 15  
Manufacturer (Chilled): Baldor Mtr – TACO Pump Quantity 2 HP: 10  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Yes Air Comp. Mfg.: Yes HP: \_\_\_\_\_

**Facility No.** 6081 **Name:** Centennial Middle **Address:** 8601 S.W. 212 Street, Miami, FL 33189

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): Advantage Quantity 1  
Flow Switch(s): \_\_\_\_\_ YES  
Chemical Pump(s): LMI- Milton Roq Quantity 2  
Biocide Timer(s): Advantage Control 1 YES  
Coupon Rack(s): \_\_\_\_\_ YES  
Solenoid Valve(s): \_\_\_\_\_ YES

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor: YES  
Solar Salt: (In Softener Storage Tank): NO  
Corrosion Coupon Testing:(Quarterly): YES

**22. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only) Quantity 2  
Ethylene Glycol: (Ice Bank Coolant) NO

**Comments:**

Letters of reference needed for York Screw only.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 7101 **Name:** Coral Reef Sr **Address:** 1101 S.W. 152 Street, Miami, FL 33157

**A. WATER CHILLER(S)**

1. Manufacturer: Trane-Centrifugal Model: CVHF Serial #: 04575 Approx. Tonnage: 500  
Ref. Type: R-123 Ref. Charge Lb: 720 Start Up Date: 1997
2. Manufacturer: Trane-Screw Model: RTHB Serial #: 04672 Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 950 Start Up Date: 1997
3. Manufacturer: Trane-Screw Model: RTHB Serial #: 04673 Approx. Tonnage: 300  
Ref. Type: R-22 Ref. Charge Lb: 950 Start Up Date: 1997

**B. COOLING TOWER(S)**

1. Manufacturer: Evapco Model: AT12-518B Serial #: \_\_\_\_\_ H.P.: 30  
Condition: GOOD Start Up Date: 1997
2. Manufacturer: Evapco(2) Model: AT12-712B Serial #: \_\_\_\_\_ H.P.: 25  
Condition: GOOD Start Up Date: 1997(2)

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>3</u>	HP: <u>25</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ): <u>Premium Efficiency – mod# r-3198</u>	Quantity <u>2</u>	HP: <u>100</u>
Manufacturer ( <u>Other</u> ): <u>Weinman Chill</u>	Quantity <u>1</u>	HP: <u>30</u>

**CONTROL SYSTEM - CHWP # 7 & 8**

**Motor Controls**

**# 7 Danfoss/Graham**

**VLT 6000 – (was a 3500 Graham)**

**# 8 Titan H Series**

**by Cerus Industrial (was a 3500 Graham)**



Facility No. 7101 Name: Coral Reef Sr Address: 1101 S.W.152 Street, Miami, FL 33157

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>3</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>6</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**23. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>3</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Letters of reference for Trane centrifugal only is needed.

**Outside new bldg. north side:**

**1 McQuay Air Cooled Water Chiller Unit**

<b>Model #: AGZ130BS27-ER11</b>	<b>Serial # STNU060100030</b>
<b>R22 220 LBS. 460V</b>	<b>60CY 3PH 273 AMPS</b>
<b>CHWP – 1 BALDOR 5HP</b>	<b>FR184TYZ 208/230/460</b>

**Inside nw bldg. Mech room**

**CHWP – 2 BALDOR 5HP FR184TYZ 208/230/460**

**STFLR NEW BLDG.**

**1 HU1 McQuay mod# F790246030**

**(cust po – 0558-003)**

**1 BB Controller S/N 2060300448 15HP VFD-1**

**no FLR New Bldg. HU #2 McQuay mod# E790246020**

**BB Controller S/N 2060301465 15HP VFD-2**

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6131 **Name:** Doolin, Howard Md **Address:** 6401 S.W. 152 Ave., Miami, FL 33193

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 03749 Approx. Tonnage: 225  
Ref. Type: R-22 Ref. Charge Lb: 990 Start Up Date: 1997
2. Manufacturer: Trane Model: RTHB Serial #: 03750 Approx. Tonnage: 225  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: 990 Start Up Date: 1997
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: King-Sun Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1997
2. Manufacturer: King-Sun Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10  
Condition: Poor Start Up Date: 1997

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Chilled</u> ): <u>Weinman</u>	Quantity <u>2</u>	HP: <u>25</u>
Manufacturer ( <u>Zone</u> ): <u>_____</u>	Quantity <u>_____</u>	HP: <u>_____</u>
Manufacturer ( <u>Other</u> ): <u>Weinman Ice Water</u>	Quantity <u>2</u>	HP: <u>15</u>

**D. CONTROL SYSTEM**

Air Dryer Mfg: <u>_____</u>	Air Comp. Mfg.: <u>_____</u>	HP: <u>_____</u>
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**Facility No. 6131 Name: Doolin, Howard Md Address: 6401 S.W. 152 Ave., Miami, FL 33193**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**24. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>Yes</u>

**Comments:**

This contract includes: S/S Plate Heat Exchanger, 12 Climatic Ice Storage Tanks, All Ice Making related and Trane electronic controls in chiller room that operates the water chillers, pumps, cooling towers. Monthly testing of Ethylene Glycol with results on service report. Needed repair and replacement of Ethylene Glycol and Distilled Water in Climatic tanks.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 6781 **Name:** Richmond Heights Middle **Address:** 15015 S.W. 103 Ave. Miami, FL 33176

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 02662 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1990
2. Manufacturer: Trane Model: RTHA Serial #: 02667 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1990
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer :Marley Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10/2.5  
Condition: Fair Start Up Date: 1995
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: 10/2.5  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Bell & Gossett Quantity 2 HP: 20  
Manufacturer (Chilled): Bell & Gossett Quantity 2 HP: 20  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: Yes Air Comp. Mfg.: Quincy HP: \_\_\_\_\_

## New Building Chiller Information

### Trane Series R

#### Chiller # 1

Model # - RTAA0704XM01A300BKO

Serial # - U01F01010/Rated Voltage – 46016013

1 in CKT Ampcity – 133/max fuse or brkr – 175/Rec Dual Element & Fuse – 150

Volt utility range – 414-506

	Volt-AC	HZ	PH	RLA	YLRA	X-LLRA
Cprsr. Motor #1	460	60	3	50	100	330
Cprsr. Motor #2	460	60	3	50	100	330
Evap Heater	115	60	1	VA420		
Fan Motors	460	60	3	qty 8	HP ea 1.0	FLA EP 2.5
Design Pressures: High Side: 450			Low Side: 300			
Type/Number	Refrigerant 22	Oil 15	Charge CKT#1 58 lbs. 2.5 gal./ Charge CKT#2 same			

#### Chiller #2

Model # - RTAA0704XM01A3D0BKQ

Serial # - U01F01009/Rated Voltage – 46016013

W21CC029A

Pumps	weg	ph	frame	M056-7807EM/Model: 00718EP3E213T
CHWP #1	3	213T		
HP – 7.5(5.5)	42	volt 5		
	60	<u>208-230</u>		
		460		

CHWP #2 – Serial # 25AG005-B102153/Rated Voltage – 46016013

**Facility No.** 6781 **Name:** Richmond Heights Middle **Address:** 15015 S.W. 103 Ave. Miami, FL 33176

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**25. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Trane system control panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 2941 **Name:** Saunders Laura C. Elem. **Address:** 505 S.W. 8 Street Homestead, FL 33030

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 00314 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 485 Start Up Date: 1996
2. Manufacturer: Trane Model: RTHB Serial #: 00315 Approx. Tonnage: 180  
Ref. Type: R-22 Ref. Charge Lb: 485 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R-\_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: Protec Model: 500-SS Serial #: 2352 H.P.: 15  
Condition: Poor Start Up Date: 1996
2. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ H.P.: \_\_\_\_\_  
Condition: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**C. WATER PUMP(S)**

Manufacturer (Cond): Taco Quantity 2 HP: 10  
Manufacturer (Chilled): Taco Quantity 2 HP: 25  
Manufacturer (Zone): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_  
Manufacturer (Other): \_\_\_\_\_ Quantity \_\_\_\_\_ HP: \_\_\_\_\_

**D. CONTROL SYSTEM**

Air Dryer Mfg: \_\_\_\_\_ Air Comp. Mfg.: \_\_\_\_\_ HP: \_\_\_\_\_

**Facility No. 2941 Name: Saunders Laura C. Elem. Address: 505 S.W. 8 Street Homestead, FL 33030**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L. Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**26. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Part of this contract is the Culligan water softener, all parts, all labor, all needed resin replacement and all needed solar rock salt. Monthly water hardness testing with report sent to M-DCPS.



**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No.** 5981 **Name:** Whigham E.L. Elem. **Address:** 21545 S.W. 87 Avenue Miami, FL 33189

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHB Serial #: 03175 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 530 Start Up Date: 1996
2. Manufacturer: Trane Model: RTHB Serial #: 03176 Approx. Tonnage: 215  
Ref. Type: R-22 Ref. Charge Lb: 530 Start Up Date: 1996
3. Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ Approx. Tonnage: \_\_\_\_\_  
Ref. Type: R- \_\_\_\_\_ Ref. Charge Lb: \_\_\_\_\_ Start Up Date: \_\_\_\_\_

**B. COOLING TOWER(S)**

1. Manufacturer: King Sun Model: 2KS Serial #: 28945 H.P.: 7.5  
Condition: Poor Start Up Date: 1996
2. Manufacturer: King Sun Model: 2KS Serial #: 28946 H.P.: 7.5  
Condition: Poor Start Up Date: 1996

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ):	Quantity	HP:
Manufacturer ( <u>Other</u> ):	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer Mfg: _____	Air Comp. Mfg.: _____	HP: _____
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**Facility No.** 5981 **Name:** Whigham E. L. Elem. **Address:** 21545 S.W. 87 Avenue Miami, FL 33189

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**27. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Any Trane system control panel (SCP) is part of contract.

**A. WATER CHILLER(S)**

1. Manufacturer: Trane Model: RTHA Serial #: 02072 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1991
2. Manufacturer: Trane Model: RTHA Serial #: 02073 Approx. Tonnage: 200  
Ref. Type: R-22 Ref. Charge Lb: 480 Start Up Date: 1991
3. Manufacturer:        Model:        Serial #:        Approx. Tonnage:         
Ref. Type: R-       Ref. Charge Lb:        Start Up Date:

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model:        Serial #:        H.P.: 10/2.5  
Condition: Very Poor Start Up Date: 1991
2. Manufacturer: Marley Model:        Serial #:        H.P.: 10/2.5  
Condition: Very Poor Start Up Date: 1991

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>Taco</u>	Quantity <u>2</u>	HP: <u>10</u>
Manufacturer ( <u>Zone</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>
Manufacturer ( <u>Other</u> ): <u>      </u>	Quantity <u>      </u>	HP: <u>      </u>

**D. CONTROL SYSTEM**

Air Dryer Mfg:	Air Comp. Mfg.:	HP:
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**Facility No. 4511 Name:** Porter Gilbert Elementary **Address:** 15851 S.W. 112 Street Miami, FL 33196

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s):	<u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>2</u>
Flow Switch(s):	<u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s):	<u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>4</u>
Biocide Timer(s):	<u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s):	<u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s):	<u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>NO</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**28. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:** Trane system control panel (SCP) is part of contract.

**MIAMI-DADE COUNTY PUBLIC SCHOOLS  
EQUIPMENT SHEET**

**Facility No. 6761 Name: Redland Md Address: 16001 S.W. 248 Street, Miami, FL 33031**

**A. WATER CHILLER(S)**

Chiller Pump Motor: MFG: Lincoln 20HP Phase 3 230/460 Serial: 2607899  
Chiller Pump Motor: MFG: Lincoln 20HP Phase 3 230/460 Serial: 2647548  
Chiller Pump Motor: MFG: ELEKTRIM 15HP Phase 3 230/460 Serial: 202401E  
Chiller Pump Motor: MFG: Lincoln 15HP Phase 3 230/460 Serial: 1568196  
Chiller # 1: MFG: Trane Model: RTHB Serial: U94J03355  
Chiller # 2: MFG: Trane Model: RTHB Serial: U00J02783  
Chemical Pump (1): MFG: LMI Model: A151-392SI  
Chemical Pump (2): MFG: LMI Model: A151-392S

**B. COOLING TOWER(S)**

1. Manufacturer: Marley Model: 167838-001-00 Serial #: AVG2022S H.P.: 10  
Condition: Good Start Up Date: 2001
2. Manufacturer: Marley Model: 167838-001-00 Serial #: AVG2022S H.P.: 10  
Condition: Good Start Up Date: 2001

**C. WATER PUMP(S)**

Manufacturer ( <u>Cond</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>15</u>
Manufacturer ( <u>Chilled</u> ): <u>PACO</u>	Quantity <u>2</u>	HP: <u>20</u>
Manufacturer ( <u>Zone</u> ):	Quantity _____	HP: _____
Manufacturer ( <u>Other</u> ):	Quantity _____	HP: _____

**D. CONTROL SYSTEM**

Air Dryer: MFG: Speedaire Serial: 6050A1150201055  
Air Compressor Unit: MFG: Quincy Model#: QC05012D00324 Serial#: 20060113-0055  
Compressor (1) Model#: QT7QCB Serial#: Serial#: 20060113-0056  
Compressor (1) Model#: QT7QCB Serial#: Serial#: 20060113-0057

**Facility No. 6761 Name: Redland Md Address: 16001 S.W. 248 Street, Miami, FL 33031**

**E. WATER TREATMENT EQUIPMENT**

Conductivity Controller(s): <u>Pulsafeeder- ACT 101 C or Advantage -DCPS-C</u>	Quantity <u>1</u>
Flow Switch(s): <u>Pulsafeeder- FC20003 or Fla. Water Processing-FWR-1A-G</u>	<u>YES</u>
Chemical Pump(s): <u>LMI- A151-392SI or Pulsafeeder- LPG4SA-PTC-500</u>	Quantity <u>2</u>
Biocide Timer(s): <u>Paragon- 7008-00 or Advantage- DCPS-B</u>	<u>YES</u>
Coupon Rack(s): <u>Pulsafeeder- CCR4-X7-H4 or J.L.Wingert- PCR-4-007</u>	<u>YES</u>
Solenoid Valve(s): <u>ALCO- 241WA-12P06 or Dayton-3A436 with 6X543</u>	<u>YES</u>

**OTHER ITEMS**

Biocide, Inhibitor, Closed Loop Inhibitor:	<u>YES</u>
Solar Salt: (In Softener Storage Tank):	<u>YES</u>
Corrosion Coupon Testing:(Quarterly):	<u>YES</u>

**29. MISCELLANEOUS**

Eddy Current Test(s): (Line Item For First Year Of Contract Only)	Quantity <u>2</u>
Ethylene Glycol: (Ice Bank Coolant)	<u>NO</u>

**Comments:**

Part of this contract is the Culligan water softener total system, all parts, all labor, all needed solar salt, and all needed resin replacement. Monthly water hardness test readings to sent to M-DCPS.