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Miami-Dade County Public Schools

School Board Administration Building
1450 Northeast Second Avenue
Miami, Florida 33132

Direct all inquiries to the
Bureau of Procurement and
Materials Management.

BUYER NAMED:

G. Jackson

PHONE: (305) 995-2345

TDD PHONE (305) 995-2400

BIDDER QUALIFICATION FORM

BID NO. 071-CC08 **BID TITLE:** Hollow Metal Doors and Frames

BIDS WILL BE ACCEPTED UNTIL 2:00 P.M. **ON** Sept. 9, 2003 **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 BIDS MAY NOT BE WITHDRAWN FOR 120 DAYS AFTER OPENING.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. (SEE INSTRUCTIONS TO BIDDERS, para. I. A.2.)

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. Refer to INSTRUCTIONS TO BIDDERS, para I.A.1., and VI., and check (x) below:

WHEN PERFORMANCE SECURITY IS REQUIRED I WILL FURNISH A:

Performance Bond _____ Check (Cashier's, Certified, or Equal) _____

PLEASE TYPE OR PRINT BELOW

LEGAL NAME OF VENDOR : _____

MAILING ADDRESS : _____

CITY, STATE, ZIP CODE : _____

TELEPHONE NUMBER : _____ **FAX #** _____

BY: SIGNATURE (ORIGINAL) : _____ **DATE** _____

OF AUTHORIZED REPRESENTATIVE

NAME (TYPED) : _____ **TITLE** _____

OF AUTHORIZED REPRESENTATIVE

INSTRUCTIONS TO BIDDERS

I. PREPARING 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 define 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 MAWE designated bids. The **SPECIAL CONDITIONS-Minority/Women** owned and controlled Business Participation Statement and the MAWE 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 IX: Packaging.

2. PROTEST OF SPECIFICATIONS. Bidders and proposer may file letters of protest which shall serve as a notice of protest, with the School Board Clerk, and the Bureau of Procurement and Materials Management, within 72 hours prior to the date and hour specified in the Bidder Qualification Form for receipt of bids. The letters of protest will be reviewed by the Bureau of Procurement and Materials Management and 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 §§ 120.569 and 120.57, Fla., Stat., by filing a formal written protest within 10 days after filing the notice of protest. Petitions for hearing on protests pursuant to §§ 120.569 and 120.57, Fla., Stat., must be filed in accordance with School Board Rule 6Gx13-8C.1.064. Failure to file a timely notice of protest or failure to file a timely formal written protest shall constitute a waiver of the proceedings. This provision supersedes and governs over any conflicting provision in this document.

3. 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.

4. 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.

I. 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 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).

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)(b) 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 your 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 and Materials Testing.

II. CANCELLATION OF BIDS OR REQUEST FOR PROPOSALS

An invitation for bids or Request For Proposals, or other solicitations 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 Associate Superintendent, Bureau of Procurement and Materials Management, 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; and
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.

C. 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 re-solicitation on any future 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, Division of Procurement Management and Materials Testing, Room 364, School Board Administration Building, prior to date and hour of bid opening. The bidder's 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. 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. AWARD RECOMMENDATION. Bidder/Proposer information phone lines have been established in Procurement Management. Bidders/proposers may call 995-1375, each Friday, to be advised of the recommended bidders or proposers and the time it is contemplated that the recommendation will be made. This information will be provided by school system staff as available. In no case will information as to a recommended bidder/proposer be available later than the Friday preceding the week when the award is scheduled to be made by the School Board or the Superintendent.

Bidders and proposers may file letters of protests, with the School Board Clerk, within 72 hours after the posting of the bid tabulation or receipt of notice of the Board's decision or intended decision. The letters of protest will be reviewed by the Bureau of Procurement and Materials Management and will offer the protesting bidder the opportunity to meet and discuss the merits of the protest. If the bidder is not satisfied with the response to the protest, he/she may invoke the provisions of § § 120.569 and 120.57, Fla. Stat. Petitions for hearings on protests pursuant to § § 120.569 and 120.57, Fla. Stat., must be filed in accordance with School Board Rule 6Gx13-8C-1.064. Protests filed later than the date specified herein shall constitute a waiver of proceedings under Chapter 120 Florida Statutes. This provision supersedes and governs over any conflicting provision in this document.

C. OFFICIAL AWARD DATE. Awards become official when made unless otherwise specified in the award recommendation.

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 in default of the contract and subject to the default provisions stated in Instructions to Bidders, Section V. E.

E. DEFAULT. In the event of default, which may include, but is not limited to non-performance and/or poor performance, the awardees shall pay to the Board as liquidated damages an amount equal to 10% 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. Where no performance bond or check has been required, each awardee who fails to pay the liquidated damages within 15 days after it is invoked shall 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 who are determined ineligible may request a hearing pursuant to § 120.569 Fla. Stat., and School Board Rule 6Gx13-8C-1.064.

The Board reserves the right to waive liquidated damages/loss of eligibility.

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.

VI. 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:

Contract Amount	Minimum Rating by A.M. Best
\$ 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 VI.B. above or the qualifications set forth in section 287.0935, Florida Statutes.

C. AMOUNT. When required as defined therein, 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.

VII. 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.

Revised February 2001

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: (305) 995-3290

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.** Interested bidders should contact the buyer, prior to the recommendation for award, to determine whether the item(s) submitted complies with the specifications requirements. If the item(s) does not comply, the buyer will advise the bidder to contact Materials Testing and Evaluation for further details.

VII. **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 the Bureau of Procurement and Materials Management, 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.

IX. 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)

X. PURCHASES BY OTHER PUBLIC AGENCIES.

With the consent and agreement of the successful bidder(s), purchases may be made under this bid by Metropolitan 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.

XI. 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 contain pre-consumer or post-consumer waste, and if the product and/or packaging may be recycled.

XI. ENVIRONMENTAL PRODUCTS.

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

XII. 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 the 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 direct payment to the bidder.

XIII. NO GRATUITY POLICY.

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

XIV. COMPLIANCE WITH FEDERAL REGULATIONS

A. All contracts involving Federal funds will contain certain provisions required by applicable sections of Title 34, Section 80.36(j) 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 Associate Superintendent, Bureau of Procurement and Materials Management, 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 grantee (The Board), or subgrantee 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.

XV. DISCRIMINATION

An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide 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 award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

ADDITIONAL INSTRUCTIONS TO BIDDERS FOR FOOD BIDS

I. PREPARING OF BIDS

A. BIDDERS RESPONSIBILITY. Each bidder shall carefully examine the Instructions to Bidders, specifications, Special Conditions listed and the number of schools to be served. It shall be the responsibility of the bidder to be fully informed as to the number and widespread locations of school. This will be of vital importance to assure the required schedule deliveries arrive on time.

II. AWARDS

A. BASIS FOR AWARDS. The awards of all items on this bid will made on the basis of low bid meeting specifications, when the portion cost is within the acceptable cost range as determined by the Department of Food and Nutrition.

Award of items using USDA D/F Commodity are made conditional to the successful vendor submitting a current copy of either the commodity processing contract approved by the State of Florida/HRS or National Commodity Processing, or a current copy of the signed agreement of their proposed contract that has been submitted and is pending approval.

B. AWARD OF FOREIGN PRODUCTS. Items and/or products grown, produced and processed in the United States or its territories will be considered for award purposes. Metal cans must be welded to insure no lead is utilized. Cans must be soldered. Foreign products will not be considered if a domestic supply is available. If product is not available as produced in the U.S.A., all foreign products must be submitted as an alternate and country of origin must be specified. All wholesomeness as well as grades and origins must be so noted on grade certificates.

All products of foreign origin accepted on the bid must have a pesticide analysis from a certified U.S. lab or Commodity Scientific Support Division (CSSD). If any pesticide residue is in excess of USDA or FDA recommendation, the product will not be considered acceptable. The pesticide analysis must accompany the grade certificate and must cover all shipments.

III. NEW FOOD ITEMS/BRANDS. Suppliers wishing to have new food items or new brands of existing food items approved for inclusion on our next bid must contact the below named for information concerning the submittal of samples: Department of Food and Nutrition c/o Planning and Production Coordinator, 7042 West Flagler Street, Miami, FL 33144, Telephone: (305) 995-3230.

IV. USAGE REPORTS. The successful vendor(s) shall submit a monthly usage report listing the total delivery quantities for each item delivered to each school location and a summary of monthly totals. This usage report must be submitted by the tenth day of the following month. This report shall be directed to: The Department of Food and Nutrition c/o Planning and Production Coordinator, 7042 West Flagler Street, Miami, FL 33144.

V. INSURANCE REQUIREMENTS. Successful vendor(s) are required to have coverage as specified in the indemnity and insurance form. The successful vendor(s) must submit completed certificates of insurance forms within 15 days from notification of award.

VI. USDA CERTIFICATION DOCUMENT. Each vendor is required to complete and submit with the bid the U.S. Department of Agriculture Certification form AD-1048 contained herein. Failure to do so may result in the vendor bid not being considered for award. Awards exceeding \$25,000 will not be made to vendors who have not submitted this form for each specific bid.

VII. NUTRIENT DATA SUBMISSION FORM. Successful vendors are requested to complete and submit a nutrient data submission form to assist in the gathering of nutrient information. Copies of nutrient data submission forms are included for vendor information.

VIII. 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. DELIVERED PRODUCTS. All products delivered shall be identical to the samples submitted for evaluation, and as awarded to successful vendors.

C. UNAUTHORIZED DELIVERIES. The successful vendor(s) will not be authorized to sell and/or deliver any item not listed in this bid. Unauthorized deliveries may result in non-payment of invoices.

D. SUBCONTRACTING DELIVERY. The successful vendor(s) may not be permitted to subcontract for the delivery of any item listed in the awards(s) unless stipulated in writing at the time of bid submission, at no additional cost to the purchaser. In such instances, performance responsibility rests completely with the vendor(s) (awardees).

THE BOARD MAY REJECT ANY BID FOR FAILURE BY THE BIDDER TO COMPLY WITH ANY REQUIREMENT STATED ABOVE, IN THE BID PROPOSAL FORM OR IN ATTACHMENTS THEREOF WHICH BECOMES PART OF THE BID.

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA



SUPERINTENDENT OF SCHOOLS

Revised February 2001

INSTRUCTIONS TO BIDDERS

CONE OF SILENCE

DEFINITION

A. Cone of Silence" means a prohibition on any communication regarding a particular Request for Proposals (RFP), bid, or other competitive solicitation between:

1. any person who seeks an award therefrom, including a potential vendor or vendor's representative; and
2. any School Board member or the member's staff, the Superintendent, Deputy Superintendent and their respective support staff, or any person appointed by the School Board to evaluate or recommend selection in such procurement process.

The Cone of Silence shall not apply to communication with the School Board Attorney or his or her staff, or with designated school district staff who are not serving on the particular Procurement Committee, to obtain clarification or information concerning the subject solicitation. For purpose of this section, "vendor's representative" means an employee, partner, director, or officer of a potential vendor, or consultant, lobbyist, or actual or potential subcontractor or sub-consultant of a vendor, or any other individual acting through or on behalf of any person seeking an award.

B. A Cone of Silence shall be applicable to each RFP, bid, or other competitive solicitation during the solicitation and review of bid proposals. At the time of issuance of the solicitation, the Superintendent or the Superintendent's designee shall provide public notice of the Cone of Silence. The Superintendent shall include in any advertisement and public solicitation for goods and services a statement disclosing the requirements of this section.

C. The Cone of Silence shall be terminate at the time the Superintendent of Schools submits a written recommendation to award or approve a contract, to reject all bids or responses, or otherwise takes action which ends the solicitation and review process.

D. Nothing contained herein shall prohibit any potential vendor or vendor's representative:

1. from making public representations at duly noticed pre-bid conferences or before duly noticed selection and negotiation committee meetings;
2. from engaging in contract negotiations during any duly noticed public meeting;
3. from making a public presentation to the School Board during any duly noticed public meeting; or
4. from communicating in writing with any school district employee or official for purposes of seeking clarification or additional information, subject to the provisions of the applicable RFP, or bid documents.

The potential vendor or vendor's representative shall file a copy of any written communication with the School Board Clerk who shall make copies available to the public upon request.

E. Nothing contained herein shall prohibit the Procurement Committee's representative from initiating contact with a potential vendor or vendor's representative and subsequent communication related thereto for the purposes of obtaining further clarifying information regarding a response to an RFP, or competitive solicitation. Such contact shall be in writing and shall be provided to the members of the applicable Procurement Committee, including any response thereto.

F. Any violation of this rule shall be investigated by the School Board's Inspector General and may result in any recommendation for award, or any RFP award, or bid award to said potential vendor or vendor's representative being deemed void or voidable. The potential vendor or vendor's representative determined to have violated this rule, shall be subject to debarment. In addition to any other penalty provided by law, violation of this rule by a school district employee shall subject the employee to disciplinary action up to and including dismissal.

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

R

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 each officer, director, and stockholder or owner who holds, directly or indirectly five percent (5%) or more 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>.

Hollow Metal Doors and Frames

SPECIAL CONDITIONS

1. **PURPOSE:** The purpose of this bid is to establish a contract, at firm unit prices, for the purchase of estimated requirements for the items listed, for eighteen months from the date of award, and may, by mutual agreement between Miami-Dade County Public Schools and the successful bidder(s), be extended for two (2) additional one year period(s) 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 successful bidder, prior to the end of the current contract period. All prices shall be firm for the term of the contract. The successful bidder(s) agrees to this condition by signing its bid.
2. **QUANTITIES:** The quantities or usage shown on the Bid Proposal Form are estimates only. No guarantee or warranty is given or implied by the Board, as to the total amount that may or may not be purchased from the resulting contract(s). These quantities are for bidders' information only, to aid in determining whether they will be able to supply the amounts which may be required by the Board.
3. **PURCHASE ORDERS: Category I, Line items 1 through 71:** The door(s) on the purchase order shall be fabricated and retro-fitted to existing facilities. Upon receipt of a purchase order the vendor shall coordinate with the appropriate Maintenance and Operations satellite personnel, as identified in special condition 4, to obtain the M-DCPS "Steel Door Order Sheet" (Exhibit "A"), the sketch of hinge, lock and jamb locations (Exhibit "B") and the door elevations (Exhibit "C"). **NOTE: SPECIAL CONDITIONS 4 AND 5 PERTAIN ONLY TO CATEGORY I.** **Category II, Line items 72 through 87 and Category III, Line items 88 through 91:** The door(s) and frame(s) on the purchase order shall be for Maintenance Materials Management stock only. The awarded vendor shall maintain appropriate stocking levels to ensure prompt delivery. Category III, adjustable door specification (Exhibit "D") to be fabricated of 18-gauge wipe coat galvanized steel.
4. **MAINTENANCE AND OPERATIONS SATELLITE LOCATIONS:**

MPC-North Satellite – 9251

12525 NW 28 Avenue
Miami, FL 33167
(305) 995-7827

Contact Person: Ms. Victoria Colon

MPC-Central Satellite- 9240

12525 NW 28 Avenue
Miami, FL 33167
(305) 995-7723

Contact Person: Ms. Rebecca Williams

MPC-North Central Satellite – 9271

2780 NW 87 Street
Miami, FL 33147
(305) 835-1095

Contact person: Ms Vivice Scott

MPC-South Central Satellite – 9281

2925 NW 41 Street
Miami, FL 33142
(305) 995-4325

Contact person: Ms Rosa Chacon

MPC – Coral Reef Satellite – 9264

15301 SW 117 Avenue
Miami, FL 33157
(305) 256-5404

Contact person: Mr. Al Fox

MPC – South Satellite – 9261

24600 SW 159 Avenue
Miami, FL 33031
(305) 248-2818

Contact person: Ms. Monica Gardner

Hollow Metal Doors and Frames

SPECIAL CONDITIONS CONTINUED

5. **FABRICATION:** Vendor must be able to fabricate all hollow metal doors under the following conditions:
- a. Door and jamb width and height will be special ordered, with a variance of three (3) inches on height and width.
 - b. Door hinge layout must have three (3) inch variance based on existing job conditions, e.g., fitting new door to existing frame or fitting jamb to existing door.
 - c. Doors may be required to be solid, louvered or have lock mortise work based on the following types of locks:
 - 1. Schlage Cylinder D Series Rhodes trim lever.
 - 2. Sargent Cylinder 10G13 Function Rhodes trim lever.
 - 3. Dead bolt – Yale #112F.
 - 4. Dead bolt – Corbin #427 Mortise.
 - 5. Sargent - #7600 Mortise.
 - 6. Dead bolt – Sargent #4877.
 - 7. Dead bolt – Schlage B-463-P, B-660, B-160.
 - 8. Panic Device.
- Note: Lock hole locations are not typical and may vary a maximum of three inches based on existing job conditions.
- d. Jamb anchor types are as follows:
 - 1. Pipe sleeves (existing masonry opening).
 - 2. "T" anchors (block).
 - 3. 2 clips (drywall).
 - 4. Wood stud anchors (wood studs).
 - e. Door swings are as follows:
 - 1. Right-hand (R.H.).
 - 2. Left-hand (L.H.).
 - 3. Left-hand reverse (L.H.R.).
 - 4. Right-hand reverse (R.H.R.).
 - 5. Pair right-hand (R.H.) active.
 - 6. Pair left-hand reverse (L.H.R.) active.
 - 7. Pair left-hand (L.H.) active.
 - 8. Pair right-hand reverse (R.H.R.) active.

Hollow Metal Doors and Frames

SPECIAL CONDITIONS CONTINUED

- f. Fire Rating Labels are as follows: **Note – Full louvered doors are not fire rated.**
 - 1. Class A - 3 hours
 - 2. Class B - 1-1/2 hours
 - 3. Class C - 45 minutes
 - g. Door Elevations are as follows: **Note – The following door elevations are not available for fire rated class A doors. Fire rated class B doors, glass cannot exceed 100 square inches. Fire rated class C doors, glass cannot exceed 1296 square inches.**
 - 1. Type "A", View Glass
 - 2. Type "B", Gun Slot
 - 3. Type "C", Half Door Glass
 - 4. Type "D", Full Door Glass
 - 5. Type "E", Lower Louver
 - h. All hollow metal doors and frames shall be fabricated to be retro-fitted in existing facilities. Hollow metal doors and frames shall be 16 gauge hot-dip zinc-iron alloy coated sheet steel and shall be fabricated in accordance with the attached M-DCPS Master Specifications and drawings.
 - i. All fire rated doors shall be labeled with an embossed metal tag in accordance with UBC-43-2 and ISO-3008.
6. **DELIVERIES:** Delivery shall be completed within 30 days after receipt of purchase order. All deliveries will be made to schools and departments as indicated on each purchase order.
7. **WARRANTY:** The warranty for product, after delivery and acceptance by the school or department, shall be for one year or manufacturer's warranty, whichever is greater.
8. **SPECIFICATIONS:** If an item is to be considered as an equal to the specified item, complete technical specifications, together with illustrative materials providing brand name and model number of the item, are requested to accompany bid. Non-compliance with this condition may cause the item not to be considered for award.
9. **SAMPLES:** Samples may be requested for bid evaluation after the bid opening. Bidders will be notified by telephone or fax when this requirement is applicable.
- Samples shall consist of one door section, cut away of any size, open on one side, showing interior construction and shall be made available when requested. Requests will be made if data furnished with bid is not sufficient to complete evaluation. Non-compliance with this requirement may cause item not to be considered for award.
10. **UNAUTHORIZED SHIPMENT/SUBSTITUTION:** Unauthorized substitutions and shipments shall be grounds for termination. Vendors shall be considered in default of the contract and shall lose eligibility to transact new business with the Board for a period of fourteen (14) months from the date of termination by the Board.

Hollow Metal Doors and Frames

SPECIAL CONDITIONS CONTINUED

11. **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).

12. **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 vendor(s) not be awarded any new business. Vendor applications can be downloaded at <http://procurement.dadeschools.net>.

13. **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 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.

14. **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:

Mr. Greg Jackson, Buyer
Procurement Management
Fax #305-523-2214
E-mail: gjackson@sbab.dade.k12.fl.us

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

Ileana Martinez, School Board Clerk
Miami-Dade County Public Schools
1450 N.E. 2nd Avenue, Room 268B
Miami, Florida 33132
Fax #305-995-1448
E-mail: martinez@dadeschools.net

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

BID PROPOSAL FORM (FORMAT B)

Type and print in this box the
 complete name of the bidder:

Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	VENDOR SHALL INDICATE MANUFACTURER'S WARRANTY, IF GREATER THAN ONE YEAR _____				
	Category I, Items 1 through 71 will be awarded on a total low bid basis. Vendor shall bid all items.				
	Items 1 through 71 shall be fabricated of 16 gauge hot-dip zinc-iron alloy coated sheet steel to be retro-fitted to an existing facility.				
	GROUP I - Hollow Metal Door/Frame 3'0" X 6'8" .				
1	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	23		
	b. Fire label rated "B".	Each	16		
	c. Fire label rated "C".	Each	5		
2	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	13		
	b. Fire label rated "B".	Each	6		
	c. Fire label rated "C".	Each	5		
3	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	23		
	b. Fire label rated "B".	Each	11		
	c. Fire label rated "C".	Each	6		
4	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	20		
	b. Fire label rated "B".	Each	7		
	c. Fire label rated "C".	Each	7		
5	Single door frame only.				
	a. Fire label rated "A".	Each	4		
	b. Fire label rated "B".	Each	4		
	c. Fire label rated "C".	Each	4		
6	Double door frame only.				
	a. Fire label rated "A".	Each	4		

The School Board of Miami-Dade County, Florida
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 Hollow Metal Doors and Frames

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 complete name of the bidder:

Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	4		
7	Double door frame only, with removable mullion.				
	a. Fire label rated "A".	Each	10		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	3		
	Items 8 through 11 do not require fire label ratings.				
8	Full louvered single door to fit existing frame.	Each	11		
9	Full louvered double door to fit existing frame.	Each	9		
10	Full louvered single door and frame to fit existing masonry opening.	Each	14		
11	Full louvered double doors and frame to fit existing masonry opening.	Each	9		
	GROUP II Hollow Metal Door/Frame 3'0" X 7'0".				
12	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	27		
	b. Fire label rated "B".	Each	55		
	c. Fire label rated "C".	Each	25		
13	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	14		
	b. Fire label rated "B".	Each	18		
	c. Fire label rated "C".	Each	11		
14	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	30		
	b. Fire label rated "B".	Each	36		
	c. Fire label rated "C".	Each	55		
15	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	17		
	b. Fire label rated "B".	Each	26		
	c. Fire label rated "C".	Each	27		
16	Single door frame only.				

The School Board of Miami-Dade County, Florida
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Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	a. Fire label rated "A".	Each	15		
	b. Fire label rated "B".	Each	24		
	c. Fire label rated "C".	Each	8		
17	Double door frame only.				
	a. Fire label rated "A".	Each	10		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	5		
18	Double door frame only, with removable mullion.				
	a. Fire label rated "A".	Each	12		
	b. Fire label rated "B".	Each	7		
	b. Fire label rated "C".	Each	4		
	Items 19 through 22 shall be fabricated of 16 gauge hot-dip zinc-iron alloy coated sheet steel to be retro-fitted to an existing facility.				
19	Full louvered single door to fit existing frame.	Each	26		
20	Full louvered double door to fit existing frame.	Each	16		
21	Full louvered single door and frame to fit existing masonry opening.	Each	21		
22	Full louvered double doors and frame to fit existing masonry opening.	Each	6		
	GROUP III Hollow Metal Door/Frame 3/4" X 6'8".				
23	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	4		
	c. Fire label rated "C".	Each	4		
24	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	5		
25	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	3		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

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Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	c. Fire label rated "C".	Each	5		
26	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
27	Single door frame only.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
28	Double door frame only.				
	a. Fire label rated "A".	Each	4		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	3		
29	Double door frame only, with removable mullion.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	2		
30	Full louvered single door to fit existing frame.				
31	Full louvered double door to fit existing frame.	Each	2		
32	Full louvered single door and frame to fit existing masonry opening.	Each	2		
33	Full louvered double doors and frame to fit existing masonry opening.	Each	2		
	GROUP IV Hollow Metal Door/Frame 3'4" X 7'0".				
34	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	3		
	c. Fire label rated "C".	Each	10		
35	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	17		
	b. Fire label rated "B".	Each	4		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
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NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	c. Fire label rated "C".	Each	3		
36	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	10		
37	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	9		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	7		
38	Single door frame only.				
	a. Fire label rated "A".	Each	4		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	3		
39	Double door frame only.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
40	Double door frame only, with removable mullion.	Each	2		
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
	Items 41 through 44 shall be fabricated of 16 gauge hot-dip zinc-iron alloy coated sheet steel to be retro-fitted to an existing facility.				
41	Full louvered single door to fit existing frame.	Each	3		
42	Full louvered double door to fit existing frame.	Each	3		
43	Full louvered single door and frame to fit existing masonry opening.	Each	3		
44	Full louvered double doors and frame to fit existing masonry opening.	Each	3		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

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Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	GROUP V Hollow Metal Door/Frame 4'0" X 6'8".				
45	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
46	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	4		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
47	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	4		
	c. Fire label rated "C".	Each	2		
48	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	5		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
49	Single door frame only.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
50	Double door frame only.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
51	Double door frame only, with removable mullion.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
52	Full louvered single door to fit existing frame.	Each	3		
53	Full louvered double door to fit existing frame.	Each	3		
54	Full louvered single door and frame to fit existing masonry opening.	Each	3		
55	Full louvered double doors and frame to fit existing masonry opening.	Each	3		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

BID PROPOSAL FORM (FORMAT B)

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Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
	GROUP VI Hollow Metal Door/Frame 4'0" X 7'0".				
56	Flush single door to fit existing frame.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	15		
	c. Fire label rated "C".	Each	7		
57	Flush double doors to fit existing frame.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	4		
58	Flush single door and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	14		
	c. Fire label rated "C".	Each	5		
59	Flush double doors and frame to fit existing masonry opening.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	5		
60	Single door frame only.				
	a. Fire label rated "A".	Each	3		
	b. Fire label rated "B".	Each	8		
	c. Fire label rated "C".	Each	2		
61	Double door frame only.				
	a. Fire label rated "A".	Each	4		
	b. Fire label rated "B".	Each	2		
	c. Fire label rated "C".	Each	2		
62	Double door frame only, with removable mullion.				
	a. Fire label rated "A".	Each	2		
	b. Fire label rated "B".	Each	6		
	c. Fire label rated "C".	Each	4		
63	Full louvered single door to fit existing frame.	Each	9		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

BID PROPOSAL FORM (FORMAT B)

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Bid # 071-CC08

Title: Hollow Metal Doors and Frames

Buyer: G. Jackson

NAME OF BIDDER:

ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
64	Full louvered double door to fit existing frame.	Each	3		
65	Full louvered single door and frame to fit existing masonry opening.	Each	7		
66	Full louvered double doors and frame to fit existing masonry opening.	Each	3		
	GROUP VII Door Elevation				
67	Type "A" , View Glass				
	a. Fire Rated Class B, not to exceed 100 square inches	Each	2		
	b. Fire Rated Class C, not to exceed 1296 square inches	Each	2		
68	Type "B" Gun Slot				
	a. Fire Rated Class B, not to exceed 100 square inches	Each	7		
	b. Fire Rated Class C, not to exceed 1296 square inches	Each	7		
69	Type "C" Half Door Glass				
	a. Fire Rated Class B, not to exceed 100 square inches	Each	1		
	b. Fire Rated Class C, not to exceed 1296 square inches	Each	1		
70	Type "D" Full Door Glass				
	a. Fire Rated Class B, not to exceed 100 square inches	Each	1		
	b. Fire Rated Class C, not to exceed 1296 square inches	Each	1		
71	Type "E" Lower, Lower				
	a. Fire Rated Class B, not to exceed 100 square inches	Each	2		
	b. Fire Rated Class C, not to exceed 1296 square inches	Each	2		
	Category II, Items 72 through 87 will be awarded on a total low bid basis. Vendor shall bid all items.				
	Items 72 through 87 shall be fabricated of 16 gauge hot dip zinc-iron alloy coated sheet steel.				
72	Frame, (W/O Door) Metal 4'0" X 7'0" W/Pipe Sleeve, Left hand, 16 Gauge, S/N. 257-0548. Class B Fire Rating.	Each	4		
73	Door, Metal, W/O Frame, 3'0" X 7'0", Left Hand, 16 Gauge, S/N 257-1455. Class B Fire Rating.	Each	55		
74	Door, Metal, W/O Frame, 3'0" X 7'0" Right Hand, 16 Gauge, S/N 257-1463 Class B Fire Rating.	Each	35		

The School Board of Miami-Dade County, Florida
 BID #071-CC08
 Hollow Metal Doors and Frames

BID PROPOSAL FORM (FORMAT B)

Type and print in this box the complete name of the bidder: Bid # 071-CC08 Title: Hollow Metal Doors and Frames Buyer: G. Jackson				NAME OF BIDDER:	
ITEM	DESCRIPTION OF ITEM	UNIT	Estimated Quantity	PRICE PER UNIT	MANUFACTURER & MODEL NUMBER
75	Door, W/O Frame, Metal, 3'6" X 7'0" Left Hand, 16 Gauge, S/N 257-1650. Class B Fire Rating.	Each	11		
76	Door, W/O Frame, Metal, 4'0" X 7'0", Left Hand, 16 Gauge, S/N 257-1676. Class B Fire Rating.	Each	16		
77	Door, W/O Frame, Metal, 4'0" X 7'0" Right Hand, 16 Gauge, S/N 257-1684. Class B Fire Rating.	Each	7		
78	Frame, W/O Door, Metal, 3'0" X 7'0" W/Pipe Sleeve, Left Hand, 16 Gauge, S/N 257-1692.		33		
79	Frame, W/O Door, Metal 3'0" X 7'0" W/Pipe Sleeve, Right Hand, 16 Gauge, S/N 257-1706.	Each	44		
80	Frame, W/O Door, Metal 6'0" X 7'0", W/Pipe Sleeve, Double Wide, Right/Left Hand, 16 Gauge, S/N 257-1714.	Each	7		
81	Frame, (W/O Door) Metal 3'6" X 7'0" W/Pipe Sleeve, Left Hand, 16 Gauge, S/N 257-0491.	Each	20		
82	Transom Header Panel Hollow Metal, 1 3/4 Thick, 3' 0" Wide or less, 3' 0" High or less.	Each	100		
83	Transom Header Panel Hollow Metal, 1 3/4 Thick, 6' 0" Wide or less, 3' 0" High or less.	Each	100		
84	Transom Side Panel Hollow Metal, 1 3/4 Thick, 3' 0" Wide or less, 7' 0" High or less.	Each	100		
85	Glass Stop Frame Header, 3' 0" Wide or less, 3' 0" High or less.	Each	100		
86	Glass Stop Frame Header, 6' 0" Wide or less, 3' 0" High or less.	Each	100		
87	Glass Stop Frame, 3' 0" Wide or less, 7' 0" High or less.	Each	100		
Category III, Items 88 through 91 will be awarded on a total low bid basis. Vendor shall bid all items.					
Line Items 88 through 91 shall be fabricated, of 18 gauge (1.2) wipe coat galvanized steel for use with 1-3/4" steel or wood doors, prepared for 9/32" silencer holes (not included), prepared to receive countersink screws #7X2-1/2" (included) and prepared with 1-1/2" pair of high frequency 10 gauge 4-1/2" hinge reinforcement, standard weight.					
88	Door, Steel, 3'0" X 7'0", LH 18 GA 1.2, Wipe Coat Galv. Steel, For use with 1-3/4" Steel or Wood Doors, Adjustable Door Frame Sizes From 5-1/2" To 8-3/4", S/N 257-2681	Each	246		
89	Door, Steel, 3'0" X 7'0", RH 18 GA 1.2, Wipe Coat Galv. Steel, For use with 1-3/4" Steel or Wood Doors, Adjustable Door Frame Sizes From 5-1/2" To 8-3/4", S/N 257-2699.	Each	246		
90	Frame, Steel, Adjustable, 7'0", LH For use With S/N 257-2681	Each	95		
91	Frame, Steel, Adjustable, 7'0", RH For use With S/N 257-2669	Each	79		

SECTION 08110

HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Steel doors and frames including necessary accessories.
- B. Section Does Not Include: Use of aluminum doors.
- C. Related Sections:
 - 1. 04220 - Concrete Unit Masonry.
 - 2. 04530 - Masonry Patchwork.
 - 3. 06100 - Carpentry.
 - 4. 07900 - Joint Sealers.
 - 5. 08710 - Finish Hardware.
 - 6. 09000 - Patching and Finishes.
 - 7. 09200 - Metal Studs, Lath, Suspension Ceiling, Plaster, and Stucco.
 - 8. 09900 - Painting.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. A366-96 Specification for Steel, Sheet, Carbon, Cold-Rolled, Commercial Quality.
 - 2. A653/A-96 Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - 3. A924/A-96a Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
 - 4. C270-96a Specification for Mortar for Unit Masonry.
- B. Factory Mutual (FM), latest edition.
- C. National Builders Hardware Association - "Recommended Locations for Builders", latest edition.
- D. Steel Door Institute (SDI), latest editions.

Bid # 071-CC08

1. SDI 100 Standard Steel Doors and Frames, latest edition.
 2. SDI 105 Recommended Erection Instructions for Steel Frames.
 3. SDI 107 Hardware on Steel Doors (reinforcement application).
- E. Underwriters Laboratories (UL), latest edition.
- F. UL 1784 Air Leakage Test of Door Assemblies.
- G. National Fire Protection Association (NFPA)
1. NFPA 80 Standard for Fire Doors and Windows.
 2. NFPA 101 Life Safety Code.
 3. NFPA 105 Smoke and Draft Control Assemblies.
- H. Florida Department of Education, Office of Educational Facilities - State Requirements for Educational Facilities - 1999 (SREF).
- I. Florida Building Code (FBC).
- J. Americans with Disabilities Act and Accessibility Guidelines (ADA).
- K. American National Standards Institute (ANSI):
1. A250.4-1994 Test Procedure and acceptance criteria for physical endurance, steel doors and frames.
 2. A224.1-1980 Test Procedure and acceptance criteria for prime painted steel surfaces for steel doors and frames.
 3. A117.1 Accessible and Usable Buildings and Facilities.
- L. Warnock Hersey International (WHI), Division of Inchcape Testing Services.
- 1.03 SUBMITTALS
- A. Exterior Door Certification: Miami-Dade County product approval single listing with specified door, door frame, and hardware, demonstrating compliance with FBC missile impact criteria.

1. Comply with calculations, signed and sealed by a Florida registered professional engineer, establishing wind velocity pressure values for the specific project according to American Society of Civil Engineers (ASCE) 7-98 using a wind speed of 146 mph, exposure category "C", and a wind load importance factor of 1.15.
 - B. Submit properly identified product data including manufacturer's specifications and installation before starting work, and any information necessary to indicate compliance to these specifications.
 - C. Shop Drawings:
 1. Indicate manufacturer's M-DCPS model number, door and frame elevations and sections, materials, gauges and finishes, fabrication and erection details, locations of finish hardware by dimension and locations/details of all openings and louvers. Do not proceed with any fabrication until all details are approved.
 2. Provide shop drawings for louver kits and light kits.
 - D. Upon request, submit nonreturnable samples necessary to be evaluated for construction compliance.
 - E. Label Construction Certification: For door assemblies required to be fire-rated and exceeding sizes of tested assemblies, submit manufacturer's certification for each door and frame assembly constructed to conform to design, materials, and construction equivalent to requirements for labeled construction.
- 1.04 QUALITY ASSURANCE
- A. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated or required, provide fire-rated door and frame assemblies complying with NFPA 80 and have been tested, listed, and labeled according to UBC-43-2 and ISO-3008 by a nationally recognized independent testing and inspection agency.
 - B. Provide doors and frames complying with SDI 100 and as specified.
 - C. M-DCPS reserves the right to cut open, at no cost to the board, a random door to verify construction and

reinforcements for compliance with M-DCPS previously accepted manufacturer's shop drawings. Non-Compliance will be grounds for removal and replacement of installed door at no expense to the Board.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver steel doors and frames cartoned or crated to provide protection during transit and job storage. Provide additional sealed plastic wrapping for factory finished doors.
- B. Inspect steel doors and frames upon delivery for damage. Minor damage may be repaired if refinished items are equal in all respects to new work and acceptable to A/E. Remove and replace damaged items as directed.
- C. Store doors and frames at building site under cover. Place units on minimum 4 inch high wood blocking. Avoid use of non-vented plastic or canvas shelters that could create a humidity chamber. If cardboard wrapper on door becomes wet, remove carton immediately. Provide 1/4" spaces between stacked doors to promote air circulation.
- D. Deliver all doors and frames to the jobsite in a timely manner to not delay progress of other trades.

1.06 WARRANTY

- A. Hollow metal doors and frames shall be supplied with a 1 year warranty against defects in materials and construction.
- B. Warranty shall begin on date of substantial completion of the project.

1.07 DEFINITIONS

- A. Areas subject to wet mopping include kitchens, dining rooms, toilets, locker/showers, custodial, and other similar spaces with hard or resilient flooring.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Steel Doors and Frames:

1. Medal by Ceco Corporation, Door Division, Carol Stream, IL.
2. Model 747-DCPS by Curries Company, Mason City, IA.
3. Model DCPS No.1 by Firedoor Corporation, Miami, FL.
4. Model H1930200 by Flemming.
5. Model F-16 by Quality Engineered Products Co., Inc., Tampa, FL.
6. Model DCBF by Steelcraft, Cincinnati, OH.
7. Model 4084475 by Republic Builders Products, Pembroke Park, FL.

2.02 DOORFRAMES

- A. Fabricate exterior frames and interior frames to profiles indicated of 16 gauge hot-dip zinc-iron alloy coated sheet steel, A366, with A60 coating designation according to ASTM A924 and ASTM A653 0.50 oz. zinc per sq.ft. total both sides. Steel shall be of commercial quality, stretcher leveled flatness.
- B. Frames: Fully welded with mitered or butted head and jamb members with integral stops and with combination buck and trim as shown.
1. Corners shall have continuous flush and smooth welds without dishing.
 2. Sanitary or hospital type stops shall have 6 inch high cutoffs with 45 degree caps.
- C. Hardware Reinforcements and Preparations:
1. Frames shall be mortised, reinforced, and drilled/tapped for mortised hardware according to approved finish hardware schedule and templates by hardware supplier.
 - a. Drilling and tapping for surface applied hardware shall be done in the field.
 - b. Locate finish hardware according to "Recommended Locations for Builder's Hardware" published by National Builders Hardware Association, SREF, or as otherwise directed by A/E.
 2. Butt (Hinge) Reinforcing:

- a. Steel plate 3/16" thick by 1-1/4" minimum to 1-1/2" maximum by 10 inches long, offset as required to have faces of butts flush with doorframe edge and secured by not less than 6 spot welds.
3. Strike Reinforcement: Offset clips of 12 gauge steel, 1-1/4" x 4-7/8" long.
4. Closer Shoe Reinforcing for Parallel Arm:
 - a. 12 gauge steel plates (minimum 20" long x 1-3/4" wide) at bottom of doorstop located next to door rabbet on hinge.
 - b. Provide styrofoam or treated wood over plates to allow closer foot screws to seat without interference from grout fill.
- D. Silencer (Mute) Provisions: Punch frames to receive silencers on strike jamb scheduled in Section 08710.
- E. Center Hardware Mullions, Removable: Grout filled and fabricated with only one thickness of metal occurring at point of silencer punch-outs, 2" x 3", 11 gauge hardware mullion by exit device manufacturer.
- F. Grout:
 1. Grout Guards:
 - a. Provide 26 gauge sheet metal covers welded to the back of frames at hinges, lock, bolts, tapped reinforcements at hardware and silencer locations.
 - b. At Silencer locations, furnish suitable removable plugs in holes to keep grout free.
 2. Coatings:
 - a. Provide full coverage at frame interior before grouting with corrosion inhibiting bituminous coating.
 3. Grout At Frames:
 - a. Grout fill doorframes at metal stud walls.
 - b. Grout fill-in-place doorframes at masonry and concrete walls after installation.
 - c. Grout shall be a mortar mix complying with ASTM C270, Type S-1800 psi minimum.

- G. Jamb Anchors: Provide according to frame manufacturer's recommendations for attachment to masonry walls, concrete columns, and metal stud system as shown on drawings to allow grout fill.
- H. Floor Anchors: Provide 14 gauge galvanized sheet steel angle shaped anchors for each jamb extending to the floor, punched for not less than two 1/4" diameter bolts.
- I. Spreaders: Provide frames with temporary steel spreader bars tack welded to jambs to maintain full rigidity and proper alignment during installation.
- J. Security Switch Preparation: Refer to the Drawings and M-DCPS Design Criteria Appendix.

2.03 HOLLOW METAL DOORS

- A. Fabricate exterior and interior doors to profiles indicated of 16 gauge hot-dip zinc-iron alloy coated sheet steel, A366, with A60 coating designation according to ASTM A924 and ASTM A653 0.50 oz. zinc per sq. ft. total both sides. Steel shall be of commercial quality, stretcher leveled flatness.
- B. Types: Flush, seamless hollow construction with louvers or vision cutouts as shown or specified.
- C. Sizes and Thickness: Sizes shall be as indicated and with 1-3/4" thickness unless otherwise specified or shown.
 - 1. Provide undercuts where indicated for ventilation. Do not exceed 3/4" undercut for fire labeled doors.
 - 2. Provide 3/8" undercut at doors for exterior openings with ADA threshold.
- D. Door Perimeters:
 - 1. Stile Edges: Bevel for single acting doors shall be 1/8" in 2 inches.
 - 2. Reinforcing: Refer to the Drawings and M-DCPS Design Criteria Appendix.
 - 3. Top and Bottom Channels.
 - a. Not less than 16 gauge A60 zinc coated steel channels-flush or inverted.

- b. Welded to the face sheets.
- c. Exterior door tops shall have flush surface.

E. Doors:

1. Classification: SDI Grade III - Model 2, 16 gauge, seamless, and steel stiffened with M-DCPS required reinforcement and as shown on Drawings.
2. Doors shall have minimum 20 gauge, continuous one piece, vertical steel stiffeners spaced not to exceed 6 inches apart and welded at 6 inches on center to face skin.
3. Lock Rail shall be one piece, full height minimum 16 gauge channel.
4. Hinge Rail Reinforcement Manufacturer's Option:
 - a. One piece, full height, 12 gauge channel formed, and tapped for hinges.
 - b. One piece, full height, minimum 16 gauge channel formed and with minimum 3/16" thick steel by minimum 8" long at each hinge.
5. Cylindrical Lock Reinforcement: Minimum 16 gauge standard hardware lock box.
6. Exit Device Reinforcement: Minimum 14 gauge channel or box minimum 16" long by 3-1/2" wide.
7. All spaces between stiffeners shall be insulated with fiberglass or mineral insulation.
8. Door closer reinforcement shall be minimum 12 gauge channel or box, welded to top channel. Bottom of reinforcement shall be a minimum of 5-3/4" from top of door, by width of door.
9. Astragals: Flat security type or "Z" as indicated in drawings or specifications.
10. All doors shall comply with ANSI A250.4-1994 Level "A" criteria and be tested to 1,000,000 operating cycles and 23 twist tests.
 - a. Certification of Level "A" doors shall be submitted with approval drawings by the distributor.
 - b. Do not bid or supply any type or gauge of door not having been tested and passed this criteria.

F. Core material.

1. Stiffeners: Provide vertical members spaced not more than 6 inches o.c. with shape standard to manufacturer.
2. Core Fill: Provide fiberglass or mineral standard to

manufacturer.

G. Hardware Reinforcements and Preparation:

1. Hardware Reinforcement: Comply With M-DCPS accepted manufacturer's drawings.
2. Hardware preparation.
 - a. Drill for hardware according to accepted finish hardware schedule and templates furnished by hardware supplier.
 - b. Drilling and tapping for surface applied hardware shall be done in the field.
 - c. Locate finish hardware according to recommended locations for hardware as shown on drawings.
 - d. Through bolts for exit devices and locksets shall be by manufacturer.
 - e. Lock reinforcement shall be located as height required for standard and disabled users as shown on drawings and as specified.

H. Security Switch Preparation: Refer to Drawings.

I. Exterior Door Louvers:

1. Zee profile weather resistant type equal to thickness of door, with center rail and of sizes indicated.
2. Fabricate frames and louvers of 18 gauge bonderized electro zinc coated sheet steel.
3. Weld or secure frame and louvers into doors without use of screws or through bolts visible from the secured side.
4. Provide security grille as specified on inside of louvers.
5. At louver opening cutout, provide minimum of 20 gauge zinc coated steel channel closure welded at opening perimeter.

J. Interior Door Louvers:

1. Inverted "Y" profile sightproof type equal to thickness of door, of sizes indicated.
2. Fabricate frames and louvers of 18 gauge bonderized electro zinc coated sheet steel.
3. Weld frame and louvers into doors without use of screws or through bolts visible from the secured side.
4. Provide security grille as specified on inside of louvers.

5. At louver opening cutout, provide minimum of 20 gauge zinc coated steel channel closure welded at opening perimeter.
- K. Fire Door Louvers: Provide UL or FM labeled assemblies of sizes indicated, subject to the following:
1. Louver maximum size limited to 24 inches height and width.
 2. Louver minimum size limited to 6 inches high and 12 inches wide.
 3. Secure double louver frames to doors with sex bolts through door at 12 inches o.c. maximum.
 4. Provide security grille as specified on inside of louvers.
- L. Security Grilles:
1. Able to withstand a 200-pound force applied to any point from any direction and reject a 1/2" diameter sphere.
 2. 16 gauge, powder coat finish, A60 galvanized steel, with 50 percent minimum open area.
 3. Manufacturers:
 - a. Crime Shield Barriers by Exeter, Wyoming, PA.
 - b. Security Barrier Screens by Phoenix, Lawrenceville, GA.
 - c. Securiperf Security Screens by Security Sales Company, Miami, FL.
- M. Security Grilles - Missile Impact Resistant:
1. Certified missile impact resistant.
 2. 14 gauge, powder coat finish, A40 galvanized steel, with 50 percent minimum open area.
 3. Manufacturers:
 - a. Storm Shield Barriers by Exeter, Wyoming, PA.
 - b. SureGuard Hurricane Barriers by Phoenix, Lawrenceville, GA.
- N. Insect Screens for Exterior Door Louvers:
1. 18 x 16 mesh aluminum screen on rewirable extruded aluminum frame.
 2. Mount screen on interior of exterior doors with zinc

plated sheet metal screws at 12 inches o.c.

O. Rat Screens for Exterior Door Louvers:

1. 1/4" mesh hot dipped galvanized steel hardware cloth secured in 16 gauge bonderized hot dipped zinc coated steel "U" frames.
2. Mount screens on interior of exterior doors with zinc plated sheet metal screws at 12 inches o.c.

P. Interior Lightproof Door Louvers:

1. Interlocking channel lightproof type, equal to thickness of door, of sizes indicated.
2. Fabricate frames and louvers of 18 gauge bonderized electro zinc coated sheet steel.
3. Weld or secure frame and louvers into doors without use of screws or through bolts visible from the secured side.

Q. Slip-on Spats: 20 ga., #4 satin finish.

R. Light Opening in Doors:

1. Provide light openings of sizes indicated.
2. At light opening cut outs, provide 16 gauge zinc coated steel channel closures welded into opening perimeter.

S. Glass light frames in doors fabricated of not less than 18 gauge galvanized steel with attachment screws allowed only on the non-secure side, not visible when viewing door lite frame face.

2.04 FINISHING AND SHOP PAINT

- A. After Fabrication: Grind exposed weld marks smooth and flush, clean and degrease surfaces, apply metallic filler, sand smooth, and apply shop coat of manufacturer's standard rust-inhibitive metal primer baked on.
- B. Prime Coat: Thoroughly cover all surfaces to provide uniform dry film thickness of not less than 1.0 mil without runs, smears, or bare spots.
- C. Primer Coat: Use manufacturer's standard rust inhibiting primer complying with ANSI A-224.1-1990.

PART 3 EXECUTION

3.01 INSPECTION

- A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

3.02 INSTALLATION

A. Frames:

1. Install plumb, level, and true to line, secured in openings.
2. Install frames according to accepted shop drawings, manufacturer's printed instructions.
3. Grout fill doorframes at metal stud walls and grout fill-in-place all other doorframes after installation.
4. Install fire-rated frames according to NFPA 80.
5. Install stainless steel slip-on spats at food service doorframes.

B. Doors:

1. Install in openings plumb, level, and true to line.
2. Apply hardware and adjust to achieve smooth and quiet operation.
3. Install insect/rat screens on interior of exterior door louvers.
4. Place fire-rated doors with clearances as specified in NFPA 80.

3.03 ADJUST AND CLEAN

- A. Prime Coat Touch-Up: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touch-up of compatible air-drying primer.
- B. Protection Removal: Immediately before final inspection, remove protective plastic wrappings from prefinished doors.
- C. Fill all dents, holes, etc. with metal filler and sand smooth flush with adjacent surfaces-paint to match.
- D. Final Adjustments: Check and readjust operating finish hardware items, leaving steel doors and frames undamaged

and in complete and proper operating condition. Provide final adjustment as follows:

1. Door Contact With Silencers: Doors shall strike a minimum of two silencers without binding lock or latch bolts in the strike plate.
2. Head, Strike, and Hinge Jamb Margin: 1/8".
3. Meeting Edge Clearance, Pairs of Doors: \pm 1/16".
4. Bolts and Screws: Leave tight and firmly seated.
5. Soundseal gasketing.
6. Vermin Protection:
 - a. Drop Seal: Full contact with no gaps.
 - b. Brush weatherstripping.

END OF SECTION