



The School Board of Miami-Dade County, Florida
SCHOOL BOARD ADMINISTRATION BUILDING
Bureau of Procurement and Materials Management
1450 N.E. 2nd Avenue, Room 352
Miami, Fl. 33132

Direct All Inquiries To
The Bureau of Procurement and Materials
Management -
L. Leasburg-Kramer, C.P.M.
PHONE: (305) 995-1364
TDD PHONE: (305) 995-2400

BID/RFP ADDENDUM

Date: June 29, 2006
Addendum No. 1

BID/RFP No.: 108-EE05
BID/RFP TITLE: SCIENCE EQUIPMENT AND SUPPLIES

This addendum modifies the conditions of the above referenced BID/RFP as follows:

- 1) REVISE BIDDER QUALIFICATION FORM. **BID OPENING DATE CHANGED TO JULY 18, 2006.**
- 2) REVISE SPECIAL CONDITION 15 – DELIVERY AND SPECIAL CONDITION 19 – BALANCE OF LINE ITEMS
- 3) REVISE BID PROPOSAL FOR TO CORRECT ITEM NUMBERS AND/OR DESCRIPTIONS ON ITEMS 3, 4, 5, 6, 7, 9, 33 AND 43 ADDITIONALLY, CHANGES HAVE BEEN MADE TO GROUP XII: BALANCE OF LINE

The attached pages containing clarifications, additional information and requirements constitutes an integral part of the referenced bid.

- 1 If your bid/proposal has not been mailed, substitute the pages marked REVISED and mail your entire bid/proposal package. **REMEMBER TO SIGN THE BIDDER QUALIFICATION FORM.**

OR

2. If your bid/proposal has been mailed, sign and return this addendum form with the revised pages by the time and date indicated on the Bidder Qualification Form. BY SIGNING THIS ADDENDUM, THE VENDOR AGREES TO THE TERMS AND CONDITIONS CONTAINED IN THE BIDDER QUALIFICATION FORM AND ALL RELATED BID DOCUMENTS.

I acknowledge receipt of Addendum Number

PLEASE NOTE: If your firm has mailed a copy of this bid/proposal to another vendor, it is your responsibility to forward them a copy of this addendum.

(PLEASE TYPE OR PRINT BELOW)

LEGAL NAME OF BIDDER: _____

MAILING ADDRESS: _____

CITY, STATE ZIP CODE: _____

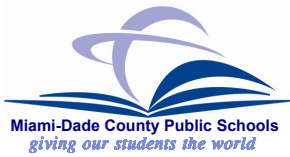
TELEPHONE NUMBER: _____ E-MAIL I.D. _____ FAX # _____

BY: SIGNATURE (Manual): _____

OF AUTHORIZED REPRESENTATIVE

NAME (Typed)- _____ TITLE: _____

OF AUTHORIZED REPRESENTATIVE



BIDDER QUALIFICATION FORM

BID NO. 108-EE05

BID TITLE SCIENCE EQUIPMENT AND SUPPLIES

REVISED _____

Direct all inquiries to Procurement Management Services:

BUYER NAME:

Alicia B. Kalish

E-MAIL ADDRESS: akalish@dadeschools.net

PHONE: (305) 995-1373

FAX NUMBER (305) 523-4990

TDD PHONE (305) 995-2400

Bids will be accepted until 2:00 PM on July 18, 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 180 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** _____

FROM: _____

AFFIX
POSTAGE
HERE

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA
BUREAU OF PROCUREMENT AND MATERIALS MANAGEMENT
ROOM NO. 352 BID BOX
1450 N.E. 2ND AVENUE
MIAMI, FLORIDA 33132

BID NO.: 108-EE05
BID TITLE: SCIENCE EQUIPMENT AND SUPPLIES
BID OPENING DATE: July 18, 2006

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA
Bureau of Procurement and Materials Management

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) _____

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 _____

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*.

BID 108-EE05	BUYER A. Kalish	PAGE SC 6
TITLE SCIENCE EQUIPMENT AND SUPPLIES - REVISED		

SPECIAL CONDITIONS *(Continued)*

15 – DELIVERY

Prices quoted shall include all charges for packing, handling, freight, distribution, and inside delivery. All vendors must offer inside delivery (F.O.B. destination), to the location as indicated on the Purchase Orders, except in the case of shipment(s) of hazardous chemicals and live materials. (See Bid Proposal). Balances shall be shipped no later than forty-five (45) days after receipt of purchase order. For all orders, a complete packing slip or delivery ticket must accompany shipment to destination, and should include, the following information: Purchase Order number, complete listing of items being delivered, backorder quantities, estimated delivery date of backorder, if available. Timely, complete delivery will be an important factor in evaluating vendor performance for the award of future contracts. All orders placed prior to the expiration of the bid and accepted by the successful vendor(s) will be invoiced at the bid unit price(s) although deliveries may be made after the expiration of the contract.

16 – RESTOCKING

M-DCPS will not pay a restocking charge for items returned in new, unused condition within thirty (30) days after delivery.

17 – DAMAGED GOODS

Awardees shall be responsible for filing, processing and collecting damage claims against the shipper. The awardee(s) shall also be responsible for implementing an immediate replacement shipment.

18 - CHARTER SCHOOLS

Items awarded under this contract shall be made available to charter schools authorized by the School Board. The School Board is not responsible or liable for any purchases that may be made by charter schools.

19 – BALANCE OF LINE ITEMS

Balance of line items will be awarded only to those vendor(s) receiving an award as a primary or secondary (alternate) vendor. Each of these awarded vendor(s) must offer a firm, fixed percentage discount for SCIENCE EQUIPMENT AND SUPPLIES. TO be considered responsive, each bidder must offer a firm, fixed percentage discount, inclusive of delivery charges, which shall be firm for the entire term of this contract. Prices shall be submitted in the form of a percentage discount off current published price list. Discounted prices shall include inside delivery. Bidders are cautioned to consider this requirement when offering discounts on the Bid Proposal Form. Even though a manufacturer's or bidder's product listing and price(s) may change from time to time, the percentage of discount offered by the bidder must remain firm for the entire contract period. Offered discounts must be so indicated in the space provided on the Bid Proposal Form, or that particular bid item shall be tabulated as "non-responsive" or "No Bid". Any exceptions must be noted.

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	---	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
	WARRANTY: Please indicate warranty if greater than one (1) year for each item as it applies.				
	GROUP I: The following Aquarium Kits will be awarded on a total low bid basis. Vendor must bid both items to be considered for award - Items 1 and 2				
1	AQUARIUM, 29 gallon Freshwater Deluxe Kit, 30" Flourescent full hood w/bulb, clip-on power filter, filter cartidges, 100 watt heater, includes 1 oz. Water conditioner and 1 oz. Complete flake food, aquarium kit instructions. Approx. Dimensions: 30" x 12" x 18" Approved Brand: All Glass Aquarium "Elite" AGA-09373 or equal		EA		
2	AQUARIUM, 20 gallon Freshwater Deluxe Kit, 24" Flourescent full hood w/bulb, clip-on power filter, filter cartidges, 100 watt heater, includes 1 oz. Water conditioner and 1 oz. Complete flake food, aquarium kit instructions. Approx. Dimensions: 24" x 12" x 16" Approved Brand: All Glass Aquarium "Elite" AGA-09372 or equal		EA		
	GROUP II: The following items will be awarded as a total low bid basis. Vendor must all items to be considered for award. Items 3 through 9				
3	MICROSCOPE, Binocular, Halogen Illuminator, w/built-in mechanical stage; Objectives: 4XD, 10XD, 40RD, 100RD Approved Brands: Swift M7000D-MA11003 or equal	40	EA		
4	MICROSCOPE, Monocular, 4X, 10X, 40XRD, w/disk diaphragm and mechanical stage, DIN Ultra-Lite Built in condenser, pointmaster eyepiece w/measuring scale, locked in eyetube and eyepiece, plastic shield for iris protection, locked on stage clips, flourescent illumination system UL/CUL approved electrical system Approved Brands: Swift M3501DF with MA12005 or equal	200	EA		
5	MICROSCOPE, Dual View with teacher viewing tube, 4X, 10X, 40XRD, 100XRD, DIN Ultra-Lite Built in condenser, pointmaster eyepiece w/measuring scale, locked in eyetube and eyepiece, plastic shield for iris protection, locked on stage clips, flourescent illumination system UL/CUL approved electrical system Approved Brands: Swift M3503DF-4-MA11001, or equal	20	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box:
Bid No. 108-EE05
TITLE: SCIENCE EQUIPMENT & SUPPLIES
BUYER: Alicia B. Kalish

PLEASE COMPLETE

ALL HIGHLIGHTED AREAS

NAME OF VENDOR:

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
6	MICROSCOPE , Monocular, Objectives: 4x, 10x, 40XRD, 100XRD; compound with 18mm, 10X wide field locked w/point master, one piece 45 degree angle tube and built in Flourescent Illuminator w/housing features on Ultralite 5W 4100K flourescent bulb, UL/CUL approved electrical system Approved Brands: Swift #M3503DF-4 or equal	150	EA		
7	MICROSCOPE , Stereo Dissecting Body, 10X and 30X magnification, featuring built-in illumination 6V 20W halogen top light and in base 5W, 4100K cool flourescent bottom lighting, magnification: 1X, 3X, Eyepieces: W10X, or equal Approved Brands: Swift SM95-SM90HF or equal	100	EA		
8	MICROSCOPE , Trinocular compound w/coaxial semi-plan objectives, 4XD, 10XRD, 40XRD, and 100XRD; built-in mechanical stage; 12V halogen illumination Approved Brand: Swift M7000D-MA11004 or equal	100	EA		
9	MICROSCOPE , Stereo Dissecting Body, 10X and 20X magnification, featuring built-in illumination 6V 20W halogen top light and in base 5W, 4100K cool flourescent bottom lighting 1X, 2X, Eyepieces: W10X, or equal Approved Brand: Swift: SM91-SM90HF or equal	100	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	---	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
	<u>GROUP III:</u> The following computer digital Microscopes will be awarded as a total low bid basis. Vendor must bid both items to be awarded. Items 10 and 11.				
10	MICROSCOPE - Digital Compound, Magnifies to 1000X w/digital head for computer interfac, Windows(R)compatible. Min. required operating system: Windows XP (or equivalent) to include the following: Specify software (with USB cable) with capacity for still image capture, video capturing and editing. Computer images viewed and captured at 640 × 480 resolution; S-video compatible—includes RCA and S-video cable for direct connection to your video monitor; Binocular head with 10× widefield eyepieces, interpupillary, dual diopter adjustments; 4×, 10×, 40×, and oil-immersion 100× objectives; the 40× and 100× objectives are spring loaded; Approx. size: 14 × 13.5-cm, built-in mechanical stage with low-position coaxial controls; tension control knobs on coaxial coarse adjustment/graduated for fine adjustment; Abbe condenser with iris diaphragm and filter holder on rack-and-pinion movement; Large, stable, Euro-style base w/dust cover and instructions. In-base, variable-intensity halogen illumination. Must also include instruction manual & instructional video demonstrating microscope assembly and software operation. Approved Brand: Wolfe DigiVu/Carolina Biological #59-1275 or equal	35	EA		
11	MICROSCOPE - Digital Stereomicroscope and Windows compatible. Min. required operating system: Windows(R) XP or comparable. Includes software (with USB cable) for still image capture, video capturing & editing. Computer images viewed and captured at 640 × 480 resolution; S-video compatible—includes RCA and & S-video cable for direct connection to your video monitor; Inclined binocular head with adjustable interpupillary distance and paired 10× widefield eyepieces locked in adjustable dual diopter tubes; 10 to 40× total zoom magnification; Coarse adjustment with slip clutch and tension control; Adjustable head holder for variable working distance; Built-in, rheostat-controlled dual illuminator provides both reflected and transmitted light independently or simultaneously; Includes frosted-glass stage plate, blue filter, and stage clips, metal stand w/dust cover and instructions. Approx. size: 13" H × 6 1/4" W × 8 1/2" D Approved Brand: Wolfe CVM Stereomicroscope/Carolina Biological #59-2015 or equal	35	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	---	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
	GROUP IV: The following Charts will be awarded on a total low bid basis. Vendor must bid all items in Group to be awarded. All items to be quoted with Tripod stand. Items 12 to 26				
12	CHART - BOTANY (Set of 18) multi-colored printed charts constructed of tear proof, non-yellowing synthetic stock, illustrations of complete dissections and various mannified plant views. Approx. Dimensions: 44" X 36" Approved Brands: Fisher Science #S67287, Dennoyer Geppert #1995-41 or equal	10	EA		
13	CHART - PERIODIC TABLE , Each element shows IUPAC name, symbol, atomic weight, oxidation states; density, boiling and melting points, number of naturally occurring radioactive isotopes and pertinent information for the most abundant radioactive isotope, covers elements up to 109. has small table that indicates color various elements give off when heated in the flame of a Bunsen burner, Approx. Size: 42"W x 58"L" Approved Brands: Fisher Science #S45525 or equal	25	EA		
14	CHART - ASTRONOMY/SOLAR SYSTEM , Colorful Complete Set; earth/sun and moon/complete solar system. Dimensions: 44" x 36", Earth's Annual Revolution Chart captures the earth's circuit around the sun; positon on first day of each of the four (4) seasons; Solar and Lunar Eclipses Chart diagrams alignment of sun, moon and earth, Phases of the Moon Chart illustrates shifting of the illuminated and dark sides of the lunar surface during the 28 day circuit around the earth; Solar System I incorporates most recent Voyager flyby data w/three (3) dimensional view of solar system, showing relative sizes of each of the planets; Solar system chart displays orbits of the 9 planets and the asteroids around the sun, celestail bodies labeled in bold type, orbits are defined by elliptical graphics; special tables indicate planets in order of their distance from the sun. Complete set to be mounted on charthead tripod base Approved Brands: Fisher Science #S24011-41 or equal	50	EA		
15	CHART - WEATHER SET , complete Set, 6 Charthead Tripod, Dimensions: 44" x 36", Precipitation Chart, Weather Fronts, Formation of Clouds, The Weather Map, Weather, Pressure and Winds, Four Seasons - series of meteorological charts which combines content w/easy to understand graphics for students; successive presentations explain cloud formation, precipitation, weather and winds, and weather fronts. The weather map, translating symbols, satellite and color radar images enables helps students make their own weather predictions Approved Brand: Denoyer Geppert W-1930-41, Fisher Science S24010-41, or equal	25	EA	395.00	

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	--	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
16	CHART - ZOOLOGY SET/PLANT MITOSIS , 21 Colored Charts, Dimensions: 44" x 36" - complete series on charthead with tripod stand, Multi-colored, constructed of tearproof, non-yellowing synthetic stock, Set includes telescoping support rod, height adjustable up to 7 ft., Complete set of Zoology charts include the following: vivid illustrations of complete dissections and various magnified views of plants, insects and other creatures Approved Brand: Denoyer Geppert #W1893-10, Fisher Science S23151-41, or equal	50	EA		
17	MAP - WEATHER MAP/PLOTTING CHART , Double sided chart helps students record and forecast weather conditions, US map side includes major cities, weather forecast table and symbol explanation; world map side includes two climagraphs for comparing temperature and precipitation, set includes study guide, Approx. size: 44" x 50" Approved Brand: Hubbard Scott #462, Fisher Science #S45523 or equal	50	EA		
18	MODEL - MAP PROJECTION , Has three (3) map projections: cylindrical, conical, and azmuthal; teaches students how to make a flat map from a spherical globe, why projections are used, and where distortions occur, markable. Model includes approx. 8" diameter globe and projection sheets Approved Brand: Hubbard Scott #675, Fisher Science #S45065 or equal	30	EA		
19	GLOBE - HYDROGRAPHIC RELIEF , Depicts undersea geography and geology; colors differentiate land and ocean areas; all continents, oceans, seas, currents, ridges, and basin are identified, sub-sea-level areas covered with clear plastic shell, printing on globe on inner surface; outer surface is markable and washable, high impact plastic, cradle mounted, Approx. Dimensions: 113/4 in. diameter Approved Brand: Fisher Science #S45163 or equal	30	EA		
20	TERRARIUM , Glass with Cover, Slant top, welded angle-steel unit, adjusted slanted front for ventilation, top glass and front removable and have ground edges to ensure safe handling, Approx. Dimensions: 20"W X 12"W X 18"H Approved Brand: Fisher Science #S18451MF, Hubbard Scott #44310, or equal	40	EA		
21	PLANETARIUM - ORBITER , Model designed to show basic earth and moon motions; Sun, Earth and Moon revolve around one another manually on gear-driven model, demonstrates daylight, night, seasons, and phases of the Moon. Arm is approx 15", Sun is approx. 6" diameter. Includes study guide Approved Brand: Hubbard Scott# 101, Fisher Science #S45169 or equal	20	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	--	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
22	MODEL - EARTHWORM , Classic relief of anterior portion showing internal organs and systems representative of primitive invertebrates. Model to clearly illustrate the body in cross section and enhances or replaces the use of animal specimens in the classroom. Set includes approx. 24"W x 18"H model, activity notebook with glossary, key, blackline master, and color transparency. Approved Brand: Hubbard Scott#2756, Fisher Science #S17907F or equal	25	EA		
23	MODEL - GRASSHOPPER - Activity Set, Vinyl three-dimensional, features a cutaway section of of internal organs, and inset that shows grasshopper's mouthparts, wings can be spread out to partly show structure, markable, Includes black-line master, glossary and key, two overhead transparencies, instructions, durable binder, Approx. Dimensions: 46"H Approved Brand: Hubbard Scott #2753, Fisher Science #S17128 or equal	25	EA		
24	MODEL - SOLAR SYSTEM , Copernican, Calendar at base allows positioning of planets according to date and shows relative position between individual planets and the sun. Lesson plan facilitates explanation of orbit and speed, solar system base supports 6" Diameter sun surrounded by nine planets; includes illustrated manual Approved Brand: Hubbard Scott #200, Fisher Science #S45193 or equal	25	EA		
25	MODEL - ANIMAL CELL - colored plastic organelles are translucent and transparent, gives model depth and appearance of living model; depicts 21 organelles and inclusions, tangential cut showing endoplasmic reticulum, mitochondria, and vacuole in three dimensions Approved Brand: Fisher Science #S17129ND or equal	50	EA		
26	MODEL - CRAYFISH , Activity Set, Shown in 3-D to enable students to study organs and structure of an animal with an exoskeleton, model illustrates special adaptations (in color) the crayfish has for life under water with an inset of the gill structure. Set includes (approx) 24"W x 18"H model, activity notebook with glossary, key, blackline master, and color transparency. Approved Brand: Hubbard Scott #2752, Fisher Science #S171282, or equal	25	EA		
	GROUP V: The following Human Anatomy items will be awarded on an individual line item basis. Vendor does not need to bid all items to receive an award - line items 27 to 34.				
27	MODEL, HUMAN SKIN , Detailed enlargement shows layers, follicles, sweat gland, nerve endings, and other key features. Complete w/lesson plan. Approx. Size: 24" x 18". Approved Brand: Fisher Science #S171254, Carolina Biological #56-7665 or equal	20	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	--	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
28	MODEL - HUMAN TORSO AND HEAD, (Sexless) Life size, Dissectible into 13 parts. The lungs (2 parts), heart (2 parts), liver, stomach, frontal portion of the kidney, one-half of the bladder, and the intestines are removable. Approx. Size: 38 x 25 x 87 cm. on base. Approved Brand: Carolina Biological #56-6610 or equal	25	EA		
29	MODEL, PLANT CELL - Enlarged 3000 times, 3 dimensional reproduction of typical plant cell, illustrates fine details of its microscopic structure, constructed of durable vinyl plastic, painted to replicate cell's natural colors, key attached to base of model, Approx. Dimensions: 19"H x 32"W x 7"D base. Approved Brand: SOMSO BOS-16, Fisher Science #S17198 or equal	20	EA		
30	MODEL, DNA - Molecular model enlarged 100 million times, fast and easy assembly with pip-it bead construction, shipped unassembled and unpainted w/chrome-like stand and stained mahogany base, includes paints, brush, color key, painting instructions. Approx. Dimensions: 24" x 8". Approved Brand: Fisher Science #S25825 or equal	30	EA		
31	MODEL, HUMAN DIGESTIVE SYSTEM (Formed Plastic) Life size - 5 part plastic reproduction of the alimentary tract, detachable, replicates the entire system from mouth to rectum; nasal passages, mouth, tongue, pharynx and larynx w/vocal cords, and epiglottis displayed in medium section, dissections, model mounted on hardwood base, Approx. Size: 11" x 31" x 6" Approved Brand: Denoyer Geppert W A93, Fisher Science #S17159-2 or equal	25	EA		
32	MODEL, HUMAN SKELETON, Pelvic Mounted, 3-D on Roller Stand , constructed of durable, unbreakable washable plastic material, detachable arms and legs, detachable skull is divisible into three parts, calvarium, base of skull, lower jaw; life size, naturally cased from bones of adult male, special mounting of rib cage allows proper positioning; all joints to be properly articulated and wired, including lower jaw, complete w/roller stand and dust cover. Approx. Size: 70" tall Approved Brand: Denoyer Geppert #W 0221-10/1, Fisher Science #S17133B or equal	30	EA		
33	MODEL, HUMAN TORSO, Life Size, Male/Female, Dissectible into 24 parts, with detachable head; durable, unbreakable, washable plastic material, detachable skull is visible into three parts: calvarium, base of skull, and lower jaw; arms and legs are detachable for natural movements, complete w/roller stand, dust protection cover Approved Brand: Fisher Science #17150A or equal	25	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
34	MODEL, ANIMAL MITOSIS SET - 8 separate models the following phases are represented: late interphase, prophase, beginning metaphase, metaphase - equatorial plane, anaphase - migration of daughter chromosomes, late anaphase, telophase and daughter cells in the early interphase. As shown in the models 3 - 5 the spindles and chromosomes can be revolved for demonstration purposes under a transparent cover. In one piece. The models are mounted individually on a stand with base. Approved Brands: Somso ZoS57/1 or Fisher Science #S17240 or equal	30	EA		
	GROUP VI: The following items will be awarded on an individual line item basis. Vendor does not have to bid all items to be awarded - line items 35 to 45				
35	BALANCE , Triple Beam, 610g capacity with 0.1g readability, Stainless Steel 15.2cm weighing platform, self-aligning agate bearings, magnetic dampening to minimize oscillation, heavy zinc base, tare beam to allow containers up to 225g, front beam: 10 x 0.1g, middle beam: 500 x 100g; rear beam: 100 x 10g; vernier dial: 10 x 0.1g; pan Approx. Size: 6 in dia., Approx. Dimensions: 18L x 12W x 9 in.H, FIVE-YEAR WARRANTY Approved Brands: Ohaus 750-S0, Fisher Science #S40020 or equal	100	EA		
36	BALANCE , Electronic, 400g capacity; 0.01 readability; increments in 0.01 gram graduations, Bi-directional RS-232 interface for GLP/GMP compatibility, filters out vibrations/drafts; 8 weighing modes, 3 second stabilization, external auto calibration, lockdown, capacity, LCD display, Stainless Steel Weighing platform, Includes two (2) year parts and labor limited warranty from factory Approved Brand: Ohaus Scout Pro Balance #SPE402 or equal	100	EA		
37	DIAL-O-GRAM - Dial calibration: (g) 10 x 0.01, readability (metric) 0.01 g, 310 g capacity, rear beam calibration (g) 200 x 100, front beam calibration (g) 100 x 10, diecast alum. 3-point beam, covered agate bearings, precision ground pivots, aluminum pressure castings for base and beam assembly, stainless steel pan (removable), vernier dial Approved Brand: Ohaus # 310-00, Fisher Science: 02-020-10 or equal	15	EA		
38	GOGGLE SANITIZER - 24-gauge, baked enamel sheet metal, w/15 minute mechanical timer, two safety door switches, key lock, pilot light, ultraviolet bulbs, UL approved, 110V/50/60HZ, CAPACITY: 30 goggles or glasses, ships assembled and ready to use Approved Brand: Fisher Science: S47604A or equal	40	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	--	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
39	ELECTROPHORESIS , Equipment Package, Package contains enough equiopment for electrophoresis of 12 gels at one time. The laboratory manual, <i>DNA Science: A First Course</i> , gives complete instructions on molecular techniques. Package includes: 3 power supplies, 6 gel electrophoresis chamber sets, disposable micropipets set, mini-pro light source Approved Brand: Carolina Biologial #21-3620 or equal	30	EA		
40	MICROSCOPE , Hand Held, 30X, battery operated (batteries not included) two components create three different optical devices: 8 x 20mm monocular, 3x stand magnifier, and when threaded together: a precision 30X portable microscope, min. focusing distance: 6 ft., field of view: 288 ft. @ 1,000 yds. Approved Brands: Carson MA-30, Fisher Science #S68544 or equal	25	EA		
41	AUTOCCLAVE , Portable Steam Pressure Sterilizer, Non-electric, requires heat source, cast aluminum alloy construction, designed with metal-to-metal seal to elimintae rubber gaskets and clamping locks to prevent removal of cover while pressure is present; equipped w/pressure guage and pressure control calve. Capacity: 25 qt. Approved Brand: Carolina Biologial #70-1696 or equal	25	EA		
42	CURVED SHIELD , 30"H X 19-1/2" W overall width, Polycarbonate thickness: 3/16 in. heavy steel perimeter w/epoxy coating, plated steel bolts, nuts and washers Approved Brand: Belart/Fisher Science #S51222 or equal	20	EA		
43	HOT PLATE - Electric Hotplate; Digital LED display; Small footprint; approx. 5 to 550 deg. C; Surface Area: approx. 5 x 7 in. Approved Brand: Corning PC-400D, Fisher Science: S90870A or equal	100	EA		
44	LIGHT BOX OPTICAL SET - Built-in adjustable collimating lens, single or multiple light rays, die-cast ventilated lamp housing, open front w/finned sides to dissipate heat, four (4) apertures, two side apertures fitted mirrors, produces divergent, parallel or convergent rays for color mixing Approved Brand: Fisher Science #S42208 or equal	50	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	--	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
45	RIPPLE TANK - Distortion-free, optically clear plate glass bottom/measures 18 in. one side, perimeter of tank molded-heavy gauge styrene w/rigid internal frame, adjustable hardwood legs w/screw adj. feet, foam beaches form perimemeter of tank and dampen reflections, removable legs and vertical light support, ripple bar w/five (5) locations for point sources, 1.5VDC rippler motor w/adj. counterweight: 29-1/2" leads w/banana plugs, four (4) paraffin blocks, parabolic reflector, sheet of clear plate glass (8 x 8 in.) large white plastic viewing screen, complete w/operating instructions Approved Brand: Fisher Science #S520782 or equal	35	EA		
	GROUP VII: The following items will be awarded as a total low per Group. Vendor must bid both items to be considered for award. Items 46 and 47.				
46	KIT - FORENSIC INVESTIGATION , Identifies unknown substances, kit includes thin TLC plates, development jars, microcapillary tubes, test solutions, developing chemicals, complete student laboratory directions, teacher prep information; students use thin layer chromatography to separate identify unknown drugs (aspirin, acetaminophen, caffeine and mystery substance) Approved Brand: Flinn Scientific #FB-1648 or equal	25	EA		
47	KIT - CRYSTAL GROWING ROCK , Kit includes student procedure and teacher notes, acetic acid solution, reusable limestone rocks and weighing dishes, complete for 30 students working in pairs Approved Brand: Flinn Scientific AP6612 or equal	50	EA		
	GROUP VIII: The following items will be awarded on a total low bid basis. Vendor must bid entire Group to be considered for award. Total low bid per Group, Items 48 to 60				
48	AIRLINE TUBING - Soft rubber tubing ideal for use with any pump, 4.8 ml inner diameter, 100 FT/PK Approved Brand: Fisher Science #S18056	500	EA		
49	BEAKER - Pyrex, 250 ml, dbl graduated metric scale, designated to ASTM E-960, 12/pk Approved Brand: Fisher Science #S76100G-ND	1,000	EA		
50	BURNER , Straight Tube Bunsen, noiseless, For natural gas, allows separate control of both flame and temperature and flame height; threaded, alum. air control sleeve, completely rustproof, octagon shaped, nickel plated, tapered and serrated gas inlet, alum. mixing tube, burners produce in excess of 5000 BTU per hour at full valve speed, quick adjustment Approved Brand: Fisher Science #S49107 or equal	150	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	---	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
51	CALORIMETER STUDENT - Dbl wall w/air insulated between vessels, measures 7.0 DIA. X 8.9 CMH; Approx. capacity: 250 ML, supported and insulated by fiber ring. Approved Brand: Fisher Science #S41746 or equal	500	EA		
52	COVER GLASS - Non-corrosive, non-fogging, uniform thickness/size; free from bubbles, scratches, and striations: 22MM Approved Brand: Fisher Science #175211 or equal	500	EA		
53	FLASK - Erlenmeyer 250 ML, Student Grade - Pyrex, 12 /PK Approved Brand: Fisher Science #S63277 or equal	1,000	PK		
54	GYROSCOPE BICYCLE WHEEL- Mounted on heavy wire frame; 5.5 CM dia., cast metal construction, held by support base w/socket at top end Approved Brand: Fisher Science #S40959 or equal	50	EA		
55	IGNEOUS ROCK SET - Displays extrusive and intrusive rocks; explains terms; includes guide. Approx. Size: 1-1/2 X 1-1/2 IN. Approved Brand: Fisher Science: S45023A or equal	65	PK		
56	MAGNETITE BLACK CRYSTAL - Individual specimens, coarse crystalline, packaged and labeled Approved Brand: Fisher Science #S91564 or equal	50	PK		
57	MAGNIFIER-READING LENS - Circular magnifier, 150 MM focal length;nikel plated frame, 2X objective, ebonized handle Approved Brand: Fisher Science: #S19010 or equal	500	EA		
58	PRISM SET - Plastic, (Set of 6) Approved Brand: Fisher Science #S83188 or equal	100	SET		
59	TEST TUBE BRUSH - small, Stiff, nylon bristles, overall length: 12 in. for tubes 13-18 mm. Packed 12/pk Approved Brand: Fisher Science #S30420 or equal	500	PK		
60	BELL JAR - 3 Gallon, made of heavy molded glass, knob top facilitates handling, ground flange for sealing, Approx. Dimensions: 8-1/2" x 15" Approved Brand: Fisher Science #S30956 or equal	50	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
--	--	---	--	--	--

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
	<u>GROUP IX:</u> The following Biology Laboratory Specimens will be awarded on a total low bid basis. Vendor must bid all items in Group to be considered for award. Items 61 through 69.				
61	4-4.5" GRASSFROG - SGL Pk/10 or vacuum pk	300	PK		
62	FETAL PIG 9-11"	50	EA		
63	CAT XX - 18"	50	EA		
64	CAT - SKINNED 14-18" Triple Inj	50	EA		
65	CAMBARUS CRAYFISH 4-6" Pail/100, or vacuum pk	300	Pail		
66	PERCH - PLAIN 7-9" Pk/10, or vacuum pk	250	PK		
67	STARFISH - plain 6-8" Pail/100 or vacuum pk	150	Pail		
68	BULLFROGS, LARGE, 6-7", DBL Inj, Pail/10 or vacuum pk	200	Pail		
69	GRASSFROGS, Extra Large, 4-5" DBL inj Pail/10 or vacuum pk	200	Pail		
	<u>GROUP X:</u> The following Chemicals will be awarded on a total low bid basis. Vendor must bid all items to be considered for award - Items 70 through 79				
70	SULFURIC ACID - 500 ML ACS, SAFE/C, btl		BTL		
71	COBALT(OUS) CHLORIDE CRYST 100g, btl		BTL		
72	DEXTROSE POWDER ANHY - 500 G, btl		BTL		
73	FERRIC NITRATE CRYST LB GR - 500 G, btl		BTL		
74	IODINE LUGOL SOLN CONC - 500 ML, btl		BTL		
75	IODINE SOLUTION-GRAM, 500 ML, btl		BTL		
76	LIME WATER - 500 ML, btl		BTL		
77	METHYLENE BLUE 25 G, btl		BTL		
78	SODIUM BICARBONATE POWDER (ANHYD) - 500 G, btl		BTL		
79	SODIUM BICARBONATE POWDER - 500 G, btl		BTL		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box: Bid No. 108-EE05 TITLE: SCIENCE EQUIPMENT & SUPPLIES BUYER: Alicia B. Kalish		PLEASE COMPLETE ALL HIGHLIGHTED AREAS NAME OF VENDOR:			
ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
	Will there be any hazardous material charge for shipment of certain chemicals: Check one: _____ Yes _____ No If yes, please list chemical(s) for which hazardous material charge will apply (type or print legibly): 				
	GROUP XI: All of the following items items will be awarded on a total low bid basis. Vendor must bid all items to be considered for award. Items 80 and 81				
80	ELECTROSTATICS SYSTEM - Basic , includes all components for quantitative investigation into basic electrostatics enabling students to study production of charges, charge transfer, charge distribution in electric fields, capacitors nad the Q=CV relationship; open mesh Faraday Ice Pail. Includes the following items: basic electrometer, charge producers and proof plane, Faraday Ice Pail and shield, Conductive spheres, (13 cm), basic variable capacitor, electrostatics voltage source Approved Brand: Pasco Scientific ES-9080 or equal	50	EA		
81	750 BUNDLE w/SCSI INTERFACE, Standard Physics - Includes power amplifier, 14 sensors, 750 Interface comprehensive probeware package for Physics Lab; includes equipment necessary to complete 60 experiements in Volume 1 & 2 of PASCO's Physics Teacher's Guide and Student Manual; Science Workshop 750 Interface, Force Sensor, Photogate Pulley System, the following sensors: voltage, temperature, motion, light, sound, rotary motion, acceleration, charge, magnetic field, pressure; accessory photogate, power amplifier, cart picket fences, IDS photogate brackets (set of 2), quick installation guide, storage container; 750 Interface Bundles (SCSI) entry physics, intermediate physics, stnd. physics. Approved Brand: Pasco Scientific CI-6453 or equal (USB Version also available)	30	EA		

The School Board of Miami-Dade County, Florida
SCIENCE EQUIPMENT AND SUPPLIES
Bid No.108-EE05

REVISED

Type or print the complete name of the bidder in this box:
Bid No. 108-EE05
TITLE: SCIENCE EQUIPMENT & SUPPLIES
BUYER: Alicia B. Kalish

PLEASE COMPLETE

ALL HIGHLIGHTED AREAS

NAME OF VENDOR:

ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT (UOM)	PRICE PER UNIT	IF OFFERING OTHER THAN APPROVED BRAND, SPECIFY MANUFACTURER & MODEL (Refer to Special Contions 6)
GROUP XII:					
BALANCE OF LINE: Percentage discount off pre-printed catalog or price list(s) to awarded vendors (as primary and/or secondary) for purchases made by schools or departments as needed for Special Condition 15 - DELIVERY and Special Condition 19 - BALANCE OF LINE. Additional Shipping Charges for Hazardous and Live Materials are to be noted in the exception column. Freight and delivery charges for all other materials, supplies and furniture should be factored into the % off list provided. No additional freight charges will be accepted on these items.					
NAME OF CATALOG		Percentage Discount (-)		Effective Dates Exceptions	
		_____% Catalog/Price List			
		_____% Catalog/Price List			
		_____% Catalog/Price List			
		_____% Catalog/Price List			
		_____% Catalog/Price List			
		_____% Catalog/Price List			
Does your company have any <u>sole source items</u> that you would like for Miami-Dade County Public Schools to consider for use throughout the District? If so, please specify below and attach a one (1) page description for each item. If interested, Buyer may request samples to be tested and evaluated by M-DCPS Materials Testing & Evaluation Department.					
Name of Product		Catalog Item #	% Discount	List Price	M-DCPS Net Cost
1				\$	\$
2				\$	\$
3				\$	\$
4				\$	\$
5				\$	\$

VENDOR REPRESENTATIVE INFORMATION (per Special Condition 23)

Company Sales (Local) Representative: _____

Street Address: _____

City, State and Zip Code: _____

Phone Numbers: _____

Fax Number: _____

Local/Toll-Free Phone Number: _____

Universal Resource Locator (URL): _____

E-Mail Address: _____

Bidders Checklist:

Please circle Yes (Y) or No (N) as verification that each of these items are being submitted together with your bid proposal

Jessica Lunsford Act Paperwork	Y or N
Catalogs/Price Sheets - Two (2) each for Balance of line	Y or N
Occupational License - current	Y or N
Sales Representative Contact Information:	Y or N
Vendor Information Sheet	Y or N