


MIAMIBEACH

OFFICE OF THE CITY MANAGER

NO. LTC # **376-2023**

LETTER TO COMMISSION

To: Honorable Mayor Dan Gelber and Members of the City Commission

From: Alina T. Hudak, City Manager 

Date: August 28, 2023

Subject: **City of Miami Beach STEM Funding**

The purpose of this Letter to the Commission (LTC) is to update you on the status of the City of Miami Beach's STEM (Science, Technology, Engineering, and Mathematics) equipment funding for Miami Beach public schools.

On November 16, 2022, the Mayor and City Commission adopted Resolution 2022-323995 to provide funding to Miami Beach Public Schools in the amount of \$275,000 for Science Technology Engineering Mathematics (STEM) equipment. The chart below reflects the allotted amount per public school, amount spent as of August 25, 2023, and remaining funds by school:

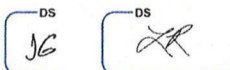
School	Amount Allotted	Amount Spent	Remaining
Miami Beach Senior High School	\$104,000	\$103,977.31	\$22.69
Miami Beach Fienberg Fisher K-8 Center	\$110,000	\$106,178.35	\$3821.65
Miami Beach Nautilus Middle School	\$27,000	\$26,691.30	\$308.70
Miami Beach South Pointe Elementary	\$19,000	\$12,573.14	\$6,426.86
North Beach Elementary	\$15,000	\$14,949.32	\$50.68

All equipment has been ordered and/or delivered to each school. The equipment will be available for student use beginning in the 2023-24 school year.

If you have any questions, please feel free to contact Dr. Leslie Rosenfeld, Chief Education Officer.

Attachment:
Items Purchased by School (Attachment A)

JG / LDR



Attachment A**Miami Beach Senior High School**

Description	Qty	Price
StepCraft M1000 ready to run system	1	11,491.91
Tormach Desktop CNC Mill (Desktop CNC w/tools/accessories)	1	3,995.00
Tormach tools & accessories	1	335.75
Gweike cloud Laser Cutter & Engraver with Rotary CO2 (SOW) Pro (Laser with filtration system)	1	3,849.00
Laser Materials	1	229.00
P28 Prism Vinyl Cutter	1	899.99
US Cutter APP Roller Tape Application Roller	1	59.99
US Cutter GreenStar 12-Color Outdoor Vinyl Starter Pack	1	194.99
US Cutter Non-Stick Sheet for Heat Press	1	9.99
US Cutter Squeegees	1	9.99
US Cutter PrismCut Etching Tool	1	34.99
US Cutter Siser EasyWeed 5-Color Starter Bundle	1	184.99
US Cutter Graphic Alignment System	1	59.95
US Cutter Dental Pick Weeding Tool	1	6.99
US Cutter Hobby Knife	1	3.49
US Cutter Pointed Needle Nose Tweezer	1	4.95
US Cutter Pearl White Self-Healing Cutting Mats (36" x 48")	1	57.49
US Cutter Pearl White Self-Healing Cutting Mats (24" x 36")	1	49.99
US Cutter TransferRite Ultra Transfer Tape (12" x 100-yard, medium tack)	1	51.99
US Cutter TransferRite Ultra Transfer Tape (12" x 10-yard, medium tack)	1	13.99
US Cutter TransferRite Ultra Grid Transfer Tape (12" x 100-yard, medium tack)	1	45.99
US Cutter TransferRite Ultra Grid Transfer Tape (12" x 10-yard, medium tack)	1	8.99
US Cutter Greenie Self-Healing Cutting Mat (36" x 48")	1	55.95
Ceiling Mount Power Cord System. Electrical Installation Not Provided	6	49.99
Build Platform (Each)	1	27.99
Inspiration Workbench 30H. 24"x 96".	3	2,711.10
Inspiration Workbench 30H. 30"x 60".	4	2,386.30
Inspiration Workbench 30H. 30"x 72".	1	2,596.30
Method Task Chair Standard Height - Adjustable (Seat Height 16.5" - 21.5"H)	10	546.00
Method Task Stool - Adjustable (Seat Height 23" - 33"H)	5	604.10
Rally 4 seat 36" x 51". Stool: Metal-ST Casters/Glides: Casters-C Shelf/KickPlate: none Power: none	8	4,047.40
STEM Equipment Storage Cabinet 38H 30x54.	3	3,674.30
PHabLAB Installation	1	8,310.00
Cascade Teacher Desk- Single Pedestal, Single Bullet. (Right-hand) w/ Box/Box/ File Ped. 24"D x 60"W x 30.25H.	1	1,617.62

Miami Beach Fienberg Fisher K-8 Center

Description	Qty	Price
HP OfficeJet Pro 7740 all in one	4	359.99
ANYCUBIC Resin 3D Printer Photon M3 Max SLA LCD UV Resin Printers with 13.6" 7K Mono Screen, Smart Resin Filler, Large 3D Printing Size 11.7" x 6.5" x 11.81"	3	1,399.99
Anycubic 3D printer resin (Grey, 1 kg)	20	31.99
HP DesignJet T650 36-in Printer (36-inch color Poster Maker)	1	2,199.00
HP 713 DesignJet Printhead Replacement Kit	3	248.00
HP Fortis Laptop	78	593.14
Scissors 4 Pack	6	8.99
30-Device Laptop Cart	3	449.99
Apple iPad Pro 11-inch (4th Generation): with M2 chip, Liquid Retina Display, 128GB, Wi-Fi 6E, 12MP front/12MP and 10MP Back Cameras, Face ID, All-Day Battery Life – Space Gray	10	769.00
SUPFIVES iPad Pro 11-inch Case (2022/2021/2020), Upgraded Military Grade Shockproof Protector Silicone iPad Pro 11 4th Gen Cover Pencil Holder+ Handle+ Shoulder Strap+ Rotating Kickstand, Black	10	29.99
Official Creality Ender 3 V2 Upgraded 3D Printer with Silent Motherboard Branded Power Supply Carborundum Glass Platform Resume Printing Function, DIY FDM 3D Printers Build Size 8.66x8.66x9.84 inch	5	269.00
Genmitsu 3020-PRO MAX CNC Router Machine for Metal Carving and more, GRBL Offline Controller, with Limit Switches & Emergency-Stop, XYZ Effective Working Area 300 x 200 x 72mm (11.8 x 7.9 x 2.8inch)	2	549.00
VEX IQ Large Classroom Bundle SKU# 228-8205	2	7,497.00
HATCHBOX 1.75mm Black PLA 3D Printer Filament, 1 KG Spool, Dimensional Accuracy +/- 0.03 mm, 3D Printing Filament	30	24.99
HATCHBOX 1.75mm White PLA 3D Printer Filament, 1 KG Spool, Dimensional Accuracy +/- 0.03 mm, 3D Printing Filament	30	24.99
CoDrone EDU; A Programmable Drone	8	214.99
Aerial Drone Competition Field Basics Kit	2	1,000.00
CoDrone EDU Power Pack	10	30.00
HP 952 Ink Cartridge Bundle Black, Cyan, Magenta, Yellow F6U15AN, LOS49AN, LOS52AN, LOS55AN	10	59.99
Learniture Science Lab Table w/Phenolic Top (30" W x 60" L)	8	1,330.33
Learniture Heavy Duty Steel Lab Stool with Hardboard Seat, 24" Seat Height, Gray, NOR-TY-538-24-4 (Pack of 4)	8	289.77
Anycubic Vyper	10	399.99
Anycubic curing machine	3	259.99

Miami Beach Nautilus Middle School

Description	Qty	Price
HP Fortis Laptops	45	593.14

Miami Beach South Pointe Elementary

Description	Qty	Price
LEGO® Education SPIKE™ Essential Set	8	405.00
BricQ Motion Essential	8	159.90
HamiltonBuhl - STEAM Education- Green Screen Production Kit	1	144.93
Botley® 2.0 the Coding Robot Classroom Bundle	4	61.71
STEM Lab Makerspace Cart, Grades K-5	2	2,144.99
Factory Direct Partners 10090-GYYE Flower Activity School and Office Table (60"), Standard Legs with Ball Glides, Adjustable Height 19-30" - Gray Top and Yellow Edge	1	389.99
Factory Direct Partners 10367 16" School Stack Chair, Stacking Student Seat with Chromed Steel Legs and Ball Glides for in-Home Learning or Classroom - Yellow (6-Pack)	1	295.00
Factory Direct Partners 10090-GYBL Flower Activity School and Office Table (60"), Standard Legs with Ball Glides, Adjustable Height 19-30" - Gray Top and Blue Edge	1	389.99
Factory Direct Partners 10367-BL 16" School Stack Chair, Stacking Student Chairs with Chromed Steel Legs and Ball Glides - Blue (6-Pack)	1	295.00
Factory Direct Partners 10090-GYGN Flower Activity School and Office Table (60"), Standard Legs with Ball Glides, Adjustable Height 19-30" - Gray Top and Green Edge	1	389.99
Factory Direct Partners 10367-GN 16" School Stack Chair, Stacking Student Seat with Chromed Steel Legs and Ball Glides for in-Home Learning or Classroom - Green (6-Pack)	1	295.00
Factory Direct Partners 10090-GYNV Flower Activity School and Office Table (60"), Standard Legs with Ball Glides, Adjustable Height 19-30" - Gray Top and Navy Edge	1	365.95
Factory Direct Partners 10367-NV 16" School Stack Chair, Stacking Student Seat with Chromed Steel Legs and Ball Glides for in-Home Learning or Classroom - Navy (6-Pack)	1	295.00
Factory Direct Partners 10090-GYRD Flower Activity School and Office Table (60"), Standard Legs with Ball Glides, Adjustable Height 19-30" - Gray Top and Red Edge	1	361.27
Factory Direct Partners 10367-RD 16" School Stack Chair, Stacking Student Seat with Chromed Steel Legs and Ball Glides for in-Home Learning or Classroom - Red (6-Pack)	1	295.00

North Beach Elementary

Description	Qty	Price
MakerBot Sketch Classroom	2	2,661.66
Vex Go small classroom bundle	1	1,249.00
Vex Go Cart	1	379.00
TeacherGeek STEM, STEAM Maker Cart 2.0	1	7,998.00