



One Team, One Goal: Student Success

514 Glover Street
Marietta, GA 30060
Telephone: (770) 426-3300
www.cobbk12.org

July 24, 2020

Mr. Christopher Schier
Technical and Educational Training Aids, Inc.
dba Technical Training Aids, Inc.
2076 Valleydale Terrace
Birmingham, AL 35244

Dear Mr. Schier:

This is to advise you that the award to your company for **IFB B1751, 3D Printers** as shown on the attached pages has been renewed, to include model and pricing changes/corrections highlighted in yellow.

The renewed award is in accordance with the terms and conditions of the Invitation for Bid and with your pricing remaining firm from **August 1, 2020 through July 31, 2021** with an option to renew. This award letter is not an official order.

If you have any questions about this renewal award, please contact **Jeanette Gray at 770-426-3362 or jeanette.gray@cobbk12.org**. The **Career, Technical, and Agricultural Education Department** contact is **Art O'Neill, 770-426-3408**. We appreciate your interest and participation in the CCSD solicitation process.

Sincerely,

A handwritten signature in blue ink that reads 'David Odom'.

David Odom, CPPO
Director of Procurement Services

jmg

cc: Accounts Payable
Art O'Neill
Kerry Owenby
Michael Murray
Thomas Marshall
Debbie Stinchcomb

BOARD OF EDUCATION

Brad Wheeler, *Chair* • David Banks, *Vice Chair*
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SUPERINTENDENT

Chris Ragsdale

#	Description	Brand	Model	Unit Price		
1	F120 Color GrabCAD Compatible 3D Printer, 1 Year EDU Pack. Includes the following: F120 3D Printer (110v/220v/50-60 Hz, 12 amp) 10X10X10 in. Build Volume GrabCad Software 10/100 Base Ethernet Protocol User Guide Start -Up Supply Kit (includes one model, one support, one box of plastic foundations) One Year Warranty 2 Standard Extrusion Heads 3D Printing Learning Module Extended EDU Start Up \$1000 Material Credit	Stratasys	EDU-123-400000-1	\$12,999.00		
	DT3 Cleaning Tank (110-120V) - Support Cleaning System			Stratasys	DT3	\$2,250.00
	SCA-1200 HT (100-120V) – Support Cleaning Apparatus with one (1) case Waterworks Soluble Concentrate			Stratasys	SCA -1200 HT	\$3,500.00
2	Price for Installation and Training			\$750.00		
3	MakerBot Method 3D Printer. Includes the following: Method 3D Printer Unlimited Downloads of MakerBot Print Spring Steel Build Plate 7.5" x 7.5" x 7.75" Build Volume 1 Spool Tough PLA Material 1 Spool PVA Support Material 1 Model Extruder 1 Support Extruder 1 Nozzle Brush 1 USB Cable	Stratasys	EDU-900-0001-1	\$4,899.00		
	Tough Mixed Pack Method (6,3)				900-0023A	\$549.00
	PLA Mixed Pack Method (6,3)				900-0024A	\$509.00
4	Price for Installation and Training			\$550.00		
5	F170 Printer 1 Year Education Package. Foot print of 36 in x 36 in or less, weighs between 400 - 500 pounds. Unattended operation with network feedback with camera system for remote viewing. One (1) each model and support material bays with auto-changer. Minimum build size of 10 in x 10" x 10". Multiple layer thickness of .005, .007, .010, or .013 in. Lab manuals and curriculum. Accuracy - Parts are produce with an accuracy of +/- .200m (.008 in), or +/- .002 mm/mm (.002in/in), whichever is greater. Multiple materials to run in machine: ASA, ABS, PLA. Accommodates interlocking part connections, or part assemblies. Withstands temperature range of 30F to 200F, rough handling in a classroom environment, i.e. average part being dropped from four feet onto a concrete floor without cracking or breaking. Materials are nontoxic, unit produces no air born dust particles and no glues or bonding agents. No dedicated computer to run printer.	Stratasys	EDU-00057	\$21,400.00		

IFB B1751, 3D Printers

Renewal Award Letter

Technical and Educational Training Aids, Inc.

dba Technical Training Aids, Inc. (Vendor-PO Mailing #102095-2)

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#	Description	Brand	Model	Unit Price
5 cont.	<p>Package includes the following: F170 Printer System (110v/220v/50-60hz, 12 amp) - 1 EA \$1500 material credit Start Up Kit - 1 EA 60 ci Spool PLA Natural - 1 EA 60 ci Spool ASA Black - 1 EA 60 ci Spool QSR Soluble Support - 1 EA One (1) Box Build Trays - 16 CASE Standard Extrusion Heads - 2 EA PLA Extrusion Head - 1 EA PLA Cooling Module - 1 EA GrabCad Print Software</p>		F170 F170	
6	Price for Installation and Training			\$750.00
7	<p>F170 Printer 2 Years Education Package to include the following: Includes all the specification listed in Item 5 With an additional 1-year of warranty and an additional \$2500 in material credit.</p>	Stratasys	EDU 00060	\$24,588.00
8	Price for Installation and Training			\$750.00
9	<p>F170 Printer 3 Years Education Package to include the following: Includes all the specification listed in Item 5 With an additional 2 years of warranty and an additional \$5000 in material credit.</p>	Stratasys	EDU 00063	\$27,431.00
10	Price for Installation and Training			\$750.00
11	<p>F270 Printer 1 Year Education Package. Foot print of 36 in x 36 in or less, weighs between 400 - 500 pounds. Unattended operation with network feedback with camera system for remote viewing. Minimum build size of 10 in x 10" x 10". Multiple layer thickness of .005, .007, .010, or .013 in. Accuracy - Parts are produced with an accuracy of +/- .200m (.008 in), or +/- .002 mm/mm (.002in/in), whichever is greater Accommodates interlocking part connections, or part assemblies. Withstands temperature range of 30F to 200F, rough handling in a classroom environment, i.e. average part being dropped from four feet onto a concrete floor without cracking or breaking. Materials are nontoxic, unit produces no air born dust particles and no glues or bonding agents. Lab manuals and curriculum. Package includes the following: F270 Printer System (110v/220v/50-60hz, 12 amp) - 1 EA with \$1500 material credit Start Up Kit - 1 EA 60 ci Spool PLA Natural - 1 EA 60 ci Spool ASA Black - 1 EA 60 ci Spool QSR Soluble Support - 1 EA One (1) Box Build Trays - 16 CASE Standard Extrusion Heads - 2 EA PLA Extrusion Head - 1 EA PLA Cooling Module - 1 EA GrabCad Print Software</p>	Stratasys	EDU-00058 F270	\$38,900.00
12	Price for Installation and Training			\$750.00

IFB B1751, 3D Printers

Renewal Award Letter

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#	Description	Brand	Model	Unit Price
13	F270 Printer 2 Years Education Package to include the following: Extended Material Start Up Kit 1 EA Includes all the specification listed in Item 11 With an additional 1 year of warranty and an additional \$2500 in material credit.	Stratasys	EDU 00061 F170/F270 F270	\$44,704.00
14	Price for Installation and Training			\$750.00
15	F270 Printer 3 Years Education Package to include the following: Includes all the specification listed in Item 11 With an additional 2 years of warranty and an additional \$5000 in material credit. Extended Material Start Up Kit 1 EA	Stratasys	EDU 00064 F270 F170/F270	\$48,423.00
16	Price for Installation and Training			\$750.00
17	F370 Printer 1 Year Education Package. Foot print of 36 in x 36 in or less, weighs between 400 - 500 pounds. Unattended operation with network feedback with camera system for remote viewing. Minimum build size of 10 in x 10" x 10". Multiple layer thickness of .005, .007, .010, or .013 in. Accuracy - Parts are produce with an accuracy of +/- .200m (.008 in), or +/- .002 mm/mm (.002in/in), whichever is greater. Accommodates interlocking part connections, or part assemblies. Withstands temperature range of 30F to 200F, rough handling in a classroom environment, i.e. average part being dropped from four feet onto a concrete floor without cracking or breaking. Materials are nontoxic, unit produces no air born dust particles and no glues or bonding agents. Lab manuals and curriculum. Package includes the following: F370 Printer System (110v/220v/50-60hz, 12 amp) - 1 EA with \$1500 material credit Start Up Kit - 1 EA 60 ci Spool PLA Natural - 1 EA 60 ci Spool ASA Black - 1 EA 60 ci Spool QSR Soluble Support - 1 EA One (1) Box Build Trays - 16 CASE Standard Extrusion Heads - 2 EA PLA Extrusion Head - 1 EA PLA Cooling Module - 1 EA GrabCad Print Software Insight Software License	Stratasys	EDU-00059 F370 F370	\$60,400.00
18	Price for Installation and Training			\$750.00
19	F370 Printer 2 Years Education Package: Includes all the specification listed in Item 17 With an additional 1 year of warranty and an additional \$2500 in material credit. F370 Extended Material Start Up Kit - 1 EA	Stratasys	EDU 00062 F370	\$65,820.00
20	Price for Installation and Training			\$750.00
21	F370 Printer 3 Years Education Package to include the following: Includes all the specification listed in Item 17 With an additional 2 years of warranty and an additional \$5000 in material credit. F370 Extended Material Start Up Kit - 1 EA	Stratasys	EDU 00065 F370 F370	\$70,415.00
22	Price for Installation and Training			\$750.00

IFB B1751, 3D Printers

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#	Description	Brand	Model	Unit Price
Accessories				
23	Wi-Fi Adapter, USB Nano, if applicable (includes Edimax EW- 7811un)		123-00311	\$35.00
24	SCA 1200HT Support Cleaning Apparatus - 1 EA. Includes the following: One Year Warranty UL CSA CE Approved 100-240VAC/50/60Hz; 10A 46.3 Liter (12.2 Gallon) Tank Capacity		570-10006	\$3,500.00
25	P400-SC Soluble Concentrate (case of 12)		300-00600	\$149.00
26	Replicator + 3D Printer		MP07825	\$1,849.00
	MakerCare Preferred 3 Year Warranty		MC00021	\$1,099.00
	Smart Extruder + for Replicator +		MP07325	\$229.00
	MakerBot Replicator+ Grip Surface 3-Pack		112047-00	\$35.99
	Large 10 Pack Filament Bundle: Buy 9, Get 10		MP06572	\$399.00
	MakerBot in the Classroom		MP06972	\$45.00
	Warranty			Included
27	MakerBot Replicator Z18 3D Printer		MP05950	\$5,199.00
	MakerCare Protection Plan - 3 Year Warranty		MC00011	\$2,299.00
	Smart Extruder + for MakerBot Replicator Z18		MP07376	\$229.00
	Build Plate Tape for the MakerBot Replicator Z18		MP06626	\$89.99
	Large 10 Pack Filament Bundle: Buy 9, Get 10		MP06572	\$399.00
	MakerBot in the Classroom		MP06972	\$45.00
	Warranty			Included
28	List any additional warranty available:			
	Replicator + 1 year		MP07016	\$549.00
	Z18 1 year		MP07025	\$1,149.00
29	MakerBot Labs Experimental Extruder – Rep + Experiment Extruder		900-0004A	\$229.00
30	Group installation and Training for MakerBot Printers - Based on how many teachers and how many printers purchased.		TTA-CobbMakerT	TBD
31	MakerBot Cart for the MakerBot Replicator Z18		MP06134	\$1,199.00
32	MakerBot Method X 3D Printer, including: Model Material ABS ASA PLA** Tough** PETG** Nylon**		EDU-900-002A	\$6,299.00

#	Description	Brand	Model	Unit Price
32 cont.	Open materials*** Support materials SR-30 Support PVA**** -Method 3D Printer -Unlimited Downloads of MakerBot Print -Spring Steel Build Plate -7.5"x7.5"x7.75" Build Volume -1 Spool Tough PLA Material -1 Spool PVA Support Material -1 Model Extruder -1 Support Extruder -1 Nozzle Brush -1 USB Cable			
	Tough Mixed Pack Method (6,3)		900-0023A	\$549.00
	PLA Mixed Pack Method (6,3)		900-0024A	\$509.00
	MakerBot ABS + Dissolvable Large 10 Pack Filament Bundle		MP06973	\$449.00
33	Sketch Classroom Bundle 2, including: HARDWARE (2) Sketch Printers (6) Spools of PLA (4) Build Plates (2) Spatulas (2) Snips (2) Replacement Nozzles 1 year warranty SOFTWARE AND CERTIFICATIONS (2) Teacher Certifications (10) Student Certifications MakerBot Cloud with Print Queuing		SKETCH-2	\$1,649.00
34	Sketch Classroom Bundle 3, including: HARDWARE (3) Sketch Printers (9) Spools of PLA (6) Build Plates (3) Spatulas (3) Snips (3) Replacement Nozzles 1 year warranty SOFTWARE AND CERTIFICATIONS (3) Teacher Certifications (15) Student Certifications MakerBot Cloud with Print Queuing		SKETCH-3	\$2,449.00

#	Description	Brand	Model	Unit Price
35	Sketch Classroom Bundle 4, including: HARDWARE (4) Sketch Printers (12) Spools of PLA (8) Build Plates (4) Spatulas (4) Snips (4) Replacement Nozzles 1 year warranty SOFTWARE AND CERTIFICATIONS (4) Teacher Certifications (20) Student Certifications MakerBot Cloud with Print Queuing		SKETCH-4	\$3,239.00
36	Fee structure for additional, related items that may be purchased during the award period.	All EDU Customers get a 10% discount off of commercial pricing. Cobb County will get an additional 2% or greater off of education pricing.		
Lead - Time for Delivery:		1 - 4 Weeks		