



*One Team, One Goal: Student Success*

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

July 5, 2022

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

Dear Mr. Coon:

This is to advise you that the award to your company for **IFB B2202, 3D Printers for CTAE** as shown on the attached pages has been renewed with approved price increases, model number changes and additional awarded items highlighted in yellow.

This renewed award is in accordance with the terms and conditions of the Invitation for Bid and with your pricing remaining firm from **August 1, 2022 through July 31, 2023** with an option to renew. This award letter is not an official order.

If you have any questions about this renewal award, please contact **Debbie Mosher at 770-590-4522 or [debbie.mosher@cobbk12.org](mailto:debbie.mosher@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 "Barbara Bates".

Barbara Bates, CPPB, NIGP-CPP  
Director of Procurement Services

dgm

cc: Accounts Payable  
Chris Schier, Technical Training Aids  
Art O'Neill  
Kerry Owenby  
Brad Evans  
Thomas Marshall  
Mary Waymire  
Kyle Matthews

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**BOARD OF EDUCATION**

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Chris Ragsdale

IFB B2022, 3D Printers for CTAE  
 Renewal Award Letter, Page 2  
 Technical and Educational Training Aids, Inc.  
 dba Technical Training Aids  
 Vendor-PO Mailing #: 102095-2  
 Vendor Contact Phone #: 678-469-7363 (Chris Schier)  
 Vendor Contact Email: [chris@ttaweb.com](mailto:chris@ttaweb.com)

#	Description	Brand	Model	Unit Price
<b>3D Printers</b>				
2	<b>MakerBot Method 3D Printer. Includes the following:</b> 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	Stratasys	EDU-900-0001-1	\$4,429.00
Optional Items	Tough Mixed Pack Method (6,3)		900-0023A	\$624.00
	PLA Mixed Pack Method (6,3)		900-0024A	\$604.00
<b>Price for Installation and Training of #2 above</b>				\$1,000.00
3	<b>MakerBot Method X 3D Printer.</b> Supported Materials include: MakerBot Precision Materials (ABS, ASA, PLA, Tough, PVA, and SR-30; MakerBot Specialty Materials (Nylon, PETG). <b>Includes the following:</b> Method 3D X 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	Stratasys	EDU-900-002A	\$4,874.25
Optional Items	Tough Mixed Pack Method (6,3)		900-0023A	\$624.00
	PLA Mixed Pack Method (6,3)		900-0024A	\$604.00
	ABS + Dissolvable Large Filament Bundle; 9 packed of 6 ABS and 3 SR-30	Stratasys	900-0046A	\$725.00

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	Description	Brand	Model	Unit Price
<b>3D Printers cont.</b>				
4	<p><b>F170 Printer 1 Year Education Package.</b> Footprint of 36"x36" 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"x10"x10". 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. Able to accommodate interlocking part connections, or part assemblies. Must withstand 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 must be nontoxic. There should be no air born dust particles. There should be no glues or bonding agents. <b>No dedicated computer to run printer.</b></p> <p>Package includes the following:            F170 Printer System (110v/220v/50-60hz, 12 amp)            Start Up Kit            (1) 60 ci Spool PLA Natural            (1) 60 ci Spool ASA Black            (1) 60 ci Spool QSR Soluble Support            (1) Box Build Trays; 16/case            (2) Standard Extrusion Heads            (1) PLA Extrusion Head            (1) PLA Cooling Module            GrabCad Print Software            \$1,500 Material Credit</p>	Stratasys	EDU-123-10001	\$16,900.00
<b>Price for Installation and Training of #4 above</b>				\$1,000.00
5	<p><b>F170 Printer 2 Years Education Package to include the following:</b>            Includes all the specification listed in Item 4 with an additional 1-year warranty and an additional \$2,500 in material credit.</p>	Stratasys	EDU-123-170-2	\$20,900.00
<b>Price for Installation and Training of #5 above</b>				\$1,000.00
6	<p><b>F170 Printer 3 Years Education Package to include the following:</b>            Includes all the specification listed in Item 4 with an additional 2-year warranty and an additional \$5,000 in material credit.</p>	Stratasys	EDU-123-170-3	\$22,900.00
<b>Price for Installation and Training of #6 above</b>				\$1,000.00

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Vendor Contact Email: [chris@ttaweb.com](mailto:chris@ttaweb.com)

	Description	Brand	Model	Unit Price		
<b>3D Printers cont.</b>						
10	<p><b>F370 Printer 1 Year Education Package.</b> Footprint of 36"x36" or less, weighs between 400 - 500 pounds. Unattended operation with network feedback with camera system for remote viewing. Minimum build size of 10"x10"x10". 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. Able to accommodate interlocking part connections, or part assemblies. Must withstand temperature range of 30F to 200F. Must withstand rough handling in a classroom environment, i.e. average part being dropped from four feet onto a concrete floor without cracking or breaking. Materials must be nontoxic. There should be no air born dust particles. There should be no glues or bonding agents. Lab manuals and curriculum. Package includes the following:</p> <ul style="list-style-type: none"> <li>F370 Printer System (110v/220v/50-60hz, 12 amp)</li> <li>Start Up Kit</li> <li>(1) 60 ci Spool PLA Natural</li> <li>(1) 60 ci Spool ASA Black</li> <li>(1) 60 ci Spool QSR Soluble Support</li> <li>(1) Box Build Trays; 16/case</li> <li>(2) Standard Extrusion Heads</li> <li>(1) PLA Extrusion Head</li> <li>(1) PLA Cooling Module</li> <li>GrabCad Print Software</li> <li>Insight Software License</li> <li>\$1,500 Material Credit</li> </ul>	Stratasys	EDU-123-3001	\$54,900.00		
<b>Price for Installation and Training of #10 above</b>				\$1,000.00		
11	<p><b>F370 Printer 2 Years Education Package to include the following:</b></p> <p>Includes all the specification listed in Item 10 with an additional 1-year warranty and an additional \$2,500 in material credit.</p> <ul style="list-style-type: none"> <li>(1) F370 Extended Material Start-Up Kit</li> </ul>	Stratasys	EDU-123-30012	\$60,900.00		
<b>Price for Installation and Training of #11 above</b>				\$1,000.00		
12	<p><b>F370 Printer 3 Years Education Package to include the following:</b></p> <p>Includes all the specification listed in Item 10 with an additional 2-year warranty and an additional \$5,000 in material credit.</p> <ul style="list-style-type: none"> <li>(1) F370 Extended Material Start-Up Kit</li> </ul>	Stratasys	EDU-123-30013	\$65,500.00		
<b>Price for Installation and Training of #12 above</b>				\$1,000.00		
13	<p><b>MakerBot Sketch Classroom Bundle 2. Includes the following:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>(2) Sketch Printers</li> <li>(6) Spools of PLA</li> <li>(4) Build Plates</li> <li>(2) Spatulas</li> <li>(2) Snips</li> <li>(2) Replacement Nozzles</li> <li>1 Year Warranty</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Software and Certifications</b></p> <ul style="list-style-type: none"> <li>(2) Teacher Certifications</li> <li>(10) Student Certifications</li> <li>MakerBot Cloud with Print Queuing</li> </ul> </td> </tr> </table>	<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>(2) Sketch Printers</li> <li>(6) Spools of PLA</li> <li>(4) Build Plates</li> <li>(2) Spatulas</li> <li>(2) Snips</li> <li>(2) Replacement Nozzles</li> <li>1 Year Warranty</li> </ul>	<p><b>Software and Certifications</b></p> <ul style="list-style-type: none"> <li>(2) Teacher Certifications</li> <li>(10) Student Certifications</li> <li>MakerBot Cloud with Print Queuing</li> </ul>	MakerBot	SKETCH-2	\$1,949.00
<p><b>Hardware</b></p> <ul style="list-style-type: none"> <li>(2) Sketch Printers</li> <li>(6) Spools of PLA</li> <li>(4) Build Plates</li> <li>(2) Spatulas</li> <li>(2) Snips</li> <li>(2) Replacement Nozzles</li> <li>1 Year Warranty</li> </ul>	<p><b>Software and Certifications</b></p> <ul style="list-style-type: none"> <li>(2) Teacher Certifications</li> <li>(10) Student Certifications</li> <li>MakerBot Cloud with Print Queuing</li> </ul>					

IFB B2022, 3D Printers for CTAE  
 Renewal Award Letter, Page 5  
 Technical and Educational Training Aids, Inc.  
 dba Technical Training Aids  
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 Vendor Contact Email: [chris@ttaweb.com](mailto:chris@ttaweb.com)

#	Description	Brand	Model	Unit Price
<b>3D Printers cont.</b>				
14	<b>MakerBot Sketch Classroom Bundle 3. Includes the following:</b> <b>Hardware</b> (3) Sketch Printers (9) Spools of PLA (6) Build Plates (3) Spatulas (3) Snips (3) Replacement Nozzles 1 Year Warranty <b>Software and Certifications</b> (3) Teacher Certifications (15) Student Certifications MakerBot Cloud with Print Queuing	MakerBot	SKETCH-3	\$2,899.00
15	<b>MakerBot Sketch Classroom Bundle 4. Includes the following:</b> <b>Hardware</b> (4) Sketch Printers (12) Spools of PLA (8) Build Plates (4) Spatulas (4) Snips (4) Replacement Nozzles 1 Year Warranty <b>Software and Certifications</b> (4) Teacher Certifications (20) Student Certifications MakerBot Cloud with Print Queuing	MakerBot	SKETCH-4	\$3,849.00
27	<b>F190 Composite Printer 1 Year Education Package.</b> Foot print of 36"x36" or less, weighs between 400 - 500 pounds. Unattended operation with network feedback with camera system for remote viewing. Minimum build size of 12"x10"x12". 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. Able to accommodate interlocking part connections, or part assemblies. Must withstand temperature range of 30F to 200F. Must withstand rough handling in a classroom environment, i.e. average part being dropped from four feet onto a concrete floor without cracking or breaking. Materials must be non toxic. There should be no air born dust particles. There should be no glues or bonding agents. Lab manuals and curriculum. Package includes the following: F190 Printer System (110v/220v/56-60hz, 12 amp) Start Up Kit (1) 60 ci Spool ASA Black (1) 60 ci Spool QSR Soluble Support (1) Box Build Trays; 16/case (2) Standard Extrusion Heads GrabCad Print Software	Stratasys	123-2000CR	\$42,900.00
<b>Price for Installation and Training of #27 above</b>				\$1,000.00

IFB B2022, 3D Printers for CTAE  
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 Vendor Contact Email: [chris@ttaweb.com](mailto:chris@ttaweb.com)

#	Description	Brand	Model	Unit Price
<b>3D Printers cont.</b>				
28	<b>F190 Composite Printer 2 Years Education Package</b>	Stratasys	123-2002CR	\$46,900.00
	Includes all the specifications listed in item 27 with an additional 1 year warranty and an additional material package.			
	(1) Extended Material Start-Up Kit			
<b>Price for Installation and Training of #28 above</b>				\$1,000.00
29	<b>F190 Composite Printer 3 Years Education Package</b>	Stratasys	123-2003CR	\$49,900.00
	Includes all the specifications listed in item 27 with an additional 2 year warranty and an additional material package.			
	(1) Extended Material Start-Up Kit			
<b>Price for Installation and Training of #29 above</b>				\$1,000.00
<b>Laser Printers</b>				
24	<b>Universal Laser, 3.60DT Unit, 24"x12"</b>	Universal Laser System	VLS3.60DT	\$10,498.00
	Downdraft Cutting Table 3.6		Cutting Table	\$600.00
	Laser 50 Watts		URL-50	\$11,619.00
	Rotary Fixture		Rotary Fixture	\$1,934.00
	One Touch Laser Photo Software		1TCH	\$285.00
<b>Optional Items</b>	Bofa Air Extration Base 1		L1041A	\$3,530.00
	Connectors and Hoses for Bofa Base 1 VLS3.6		SBHK-126	\$142.00
<b>Price for Installation and Training of #24 above</b>				\$1,000.00
30	<b>Universal Laser, 3.75-1PH Unit, 24"X12"</b>	Universal Laser System	VLS3.75	\$13,998.00
	Downdraft Cutting Table 3.75		Cutting Table	\$1,238.00
	Laser 50 Watts		URL-50	\$11,619.00
	Rotary Fixture		Rotary Fixture	\$2,355.00
	One Touch Laser Photo Software		1TCH	\$285.00
<b>Optional Items</b>	AD Oracle IQ Bofa Air Extraction		L1974-8200-T	\$3,700.00
	Connectors and Hoses for Bofa Base 1 VLS3.6		SBHK-126	\$142.00
	Air Assist		AR3.75	\$188.00
<b>Price for Installation and Training of #30 above</b>				\$1,000.00
<b>Extended Warranties</b>				
25	All 3D printers and Lasers come with a Manufacturer 1 year warranty on parts and labor.			
#	Description	Discount/Cost + Markup		
<b>Related Items</b>				
26	Percent Discount for Related Items	Cobb County School District Receives an Additional 5% off of already reduced 10% off EDU special pricing. Cobb County School District will get an additional 2% or greater off of education pricing.		