



One Team, One Goal: Student Success

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

July 30, 2021

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

Dear Mr. Coon:

This is to advise you that your company has been awarded the following items from Cobb County School District **IFB B2022, 3D Printers for CTAE** as shown on the attached pages.

This award is in accordance with the terms and conditions of the Invitation for Bid and with your pricing remaining firm from **August 1, 2021 through July 31, 2022** with an option to renew. This award letter is not an official order.

If you have any questions about this award, please contact **Debbie Mosher at 770-590-4522 or 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

jmg

cc: Accounts Payable
Chris Schier, Technical Training Aids
Art O'Neill
Kerry Owenby
Michael Murray
Thomas Marshall
Debbie Stinchcomb

BOARD OF EDUCATION

Randy Scamihorn, *Chair* • David Banks, *Vice Chair*
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IFB B2022, 3D Printers for CTAE

Award Letter

Technical and Educational Training Aids, Inc.

Vendor-PO Mailing #: 102095-2

Vendor Contact Phone #: 678-469-7363 (Chris Schier)

Vendor Contact Email: chris@ttaweb.com

Page 2

| # | Description | Brand | Model | Unit Price |
|--|--|-----------|------------------|-------------|
| 3D Printers | | | | |
| 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 \$1,000 Material Credit | Stratasys | EDU-123-400000-1 | \$12,999.00 |
| Optional Items | 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 |
| Price for Installation and Training of #1 above | | | | \$1,000.00 |
| 2 | MakerBot Method 3D Printer. Includes the following: 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 | \$3,999.20 |
| Optional Items | Tough Mixed Pack Method (6,3) | | 900-0023A | \$549.00 |
| | PLA Mixed Pack Method (6,3) | | 900-0024A | \$509.00 |
| Price for Installation and Training of #2 above | | | | \$750.00 |
| 3 | MakerBot Method X 3D Printer. Supported Materials include: MakerBot Precision Materials (ABS, ASA, PLA, Tough, PVA, and SR-30; MakerBot Specialty Materials (Nylon, PETG). Includes the following: 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 |

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Page 3

| # | Description | Brand | Model | Unit Price |
|--|---|-----------|-----------|-------------|
| 3D Printers cont. | | | | |
| Optional Items | 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 |
| | ABS + Dissolvable Large Filament Bundle; 9 packed of 6 ABS and 3 SR-30 | Stratasys | 900-0046A | \$675.00 |
| 4 | <p>F170 Printer 1 Year Education Package. 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.</p> <p>No dedicated computer to run printer. 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-00057 | \$21,300.00 |
| Price for Installation and Training of #4 above | | | | \$1,000.00 |
| 5 | <p>F170 Printer 2 Years Education Package to include the following: 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 00060 | \$24,300.00 |
| Price for Installation and Training of #5 above | | | | \$1,000.00 |
| 6 | <p>F170 Printer 3 Years Education Package to include the following: 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 00063 | \$27,431.00 |
| Price for Installation and Training of #6 above | | | | \$1,000.00 |

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Page 4

| # | Description | Brand | Model | Unit Price |
|--|--|-----------|-----------|-------------|
| 3D Printers cont. | | | | |
| 7 | <p>F270 Printer 1 Year Education Package. 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"> F270 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 | Stratasys | 123-20000 | \$37,900.00 |
| 8 | <p>F270 Printer 2 Years Education Package to include the following:</p> <p>Includes all the specification listed in Item 7 with an additional 1-year warranty and an additional \$2,500 in material credit.</p> <ul style="list-style-type: none"> (1) Extended Material Start-Up Kit | Stratasys | EDU-00061 | \$43,400.00 |
| Price for Installation and Training of #8 above | | | | \$1,000.00 |
| 9 | <p>F270 Printer 3 Years Education Package to include the following:</p> <p>Includes all the specification listed in Item 7 with an additional 2-year warranty and an additional \$5,000 in material credit.</p> <ul style="list-style-type: none"> (1) Extended Material Start-Up Kit | Stratasys | EDU-00064 | \$46,400.00 |

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Page 5

| # | Description | Brand | Model | Unit Price | | |
|--|--|--|--|-------------|----------|------------|
| 3D Printers cont. | | | | | | |
| 10 | <p>F370 Printer 1 Year Education Package. 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"> F370 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 Insight Software License \$1,500 Material Credit | Stratasys | EDU-00059 | \$43,400.00 | | |
| Price for Installation and Training of #10 above | | | | \$1,000.00 | | |
| 11 | <p>F370 Printer 2 Years Education Package to include the following:</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"> (1) F370 Extended Material Start-Up Kit | Stratasys | EDU-00062 | \$46,900.00 | | |
| Price for Installation and Training of #11 above | | | | \$1,000.00 | | |
| 12 | <p>F370 Printer 3 Years Education Package to include the following:</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"> (1) F370 Extended Material Start-Up Kit | Stratasys | EDU-00065 | \$50,400.00 | | |
| Price for Installation and Training of #12 above | | | | \$1,000.00 | | |
| 13 | <p>MakerBot Sketch Classroom Bundle 2. Includes the following:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Hardware</p> <ul style="list-style-type: none"> (2) Sketch Printers (6) Spools of PLA (4) Build Plates (2) Spatulas (2) Snips (2) Replacement Nozzles 1 Year Warranty </td> <td style="width: 50%; vertical-align: top;"> <p>Software and Certifications</p> <ul style="list-style-type: none"> (2) Teacher Certifications (10) Student Certifications MakerBot Cloud with Print Queuing </td> </tr> </table> | <p>Hardware</p> <ul style="list-style-type: none"> (2) Sketch Printers (6) Spools of PLA (4) Build Plates (2) Spatulas (2) Snips (2) Replacement Nozzles 1 Year Warranty | <p>Software and Certifications</p> <ul style="list-style-type: none"> (2) Teacher Certifications (10) Student Certifications MakerBot Cloud with Print Queuing | MakerBot | SKETCH-2 | \$1,729.00 |
| <p>Hardware</p> <ul style="list-style-type: none"> (2) Sketch Printers (6) Spools of PLA (4) Build Plates (2) Spatulas (2) Snips (2) Replacement Nozzles 1 Year Warranty | <p>Software and Certifications</p> <ul style="list-style-type: none"> (2) Teacher Certifications (10) Student Certifications MakerBot Cloud with Print Queuing | | | | | |

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Page 6

| # | Description | Brand | Model | Unit Price |
|--------------------------|---|----------|-----------|------------|
| 3D Printers cont. | | | | |
| 14 | MakerBot Sketch Classroom Bundle 3. Includes the following: 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 | MakerBot | SKETCH-3 | \$2,549.00 |
| 15 | MakerBot Sketch Classroom Bundle 4. Includes the following: 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 | MakerBot | SKETCH-4 | \$3,398.00 |
| 16 | MakerBot Replicator+ 3D Printer with 1 year warranty | MakerBot | MP07825 | \$1,929.00 |
| 16a | MakerCare Preferred 3 Year Warranty | | MC00021 | \$1,139.00 |
| 16b | Smart Extruder + for Replicator+ | | MP07325 | \$229.00 |
| 16c | MakerBot Replicator+ Grip Surface 3-Pack | | 112047-00 | \$37.99 |
| 16d | Large 10 Pack Filament Bundle: Buy 9, Get 10 | | MP06572 | \$410.00 |
| 16e | MakerBot in the Classroom | | MP06972 | \$45.00 |
| 17 | MakerBot Replicator Z18 3D Printer with 1 year warranty | | MP05950 | \$5,279.00 |
| 17a | MakerCare Protection Plan - 3 Year Warranty | | MC00011 | \$2,349.00 |
| 17b | Smart Extruder + for MakerBot Replicator Z18 | | MP07376 | \$229.00 |
| 17c | Build Plate Tape for the MakerBot Replicator Z18 | | MP06626 | \$99.00 |
| 17d | Large 10 Pack Filament Bundle: Buy 9, Get 10 | MP06572 | \$410.00 | |
| 17e | MakerBot in the Classroom | MP06972 | \$45.00 | |
| Accessories | | | | |
| 18 | Wi-Fi Adapter, USB Nano, if applicable (includes Edimax EW- 7811un) | | 123-00311 | \$35.00 |
| 19 | SCA 1200HT Support Cleaning Apparatus. 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 |
| 20 | P400-SC Soluble Concentrate (case of 12) | | 300-00600 | \$159.00 |
| 21 | MakerBot Labs Experimental Extruder - Rep + Experimental Extruder | | 900-0004A | \$229.00 |
| 22 | MakerBot Cart for the MakerBot Replicator Z18 | | MP06134 | \$1,229.00 |

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Page 7

| # | Description | Brand | Model | Unit Price |
|---|---|---|----------------|------------|
| Laser Printers | | | | |
| 24 | Universal Laser, 3.60DT Unit, 24"x12" | Universal Laser System | VLS3.60DT | \$9,799.00 |
| | Downdraft Cutting Table 3.6 | | Cutting Table | \$600.00 |
| | Laser 40 Watts | | URL-40 | \$6,800.00 |
| | Rotary Fixture | | Rotary Fixture | \$1,325.00 |
| | One Touch Laser Photo Software | | 1TCH | \$275.00 |
| Optional Items | Bofa Air Extration Base 1 | | L1041A | \$3,120.00 |
| | Connectors and Hoses for Bofa Base 1 VLS3.6 | | SBHK-126 | \$100.00 |
| Price for Installation and Training of #24 above | | | | \$1,000.00 |
| Extended Warranties | | | | |
| 25 | All 3D printers and Lasers come with a Manufacturer 1 year warranty on parts and labor. | | | |
| # | Description | Discount/Cost + Markup | | |
| Related Items | | | | |
| 26 | Percent Discount for Related Items | Cobb County Receives an Additional 5% off of already reduced 10% off EDU special pricing. | | |