

**MEMORIAL BOULEVARD INTRADISTRICT ARTS MAGNET SCHOOL
ADDITIONS AND RENOVATIONS
BRISTOL, CT
STATE PROJECT NO. 017-0084 RNV PHASE 3 OF 3 - TECHNOLOGY**

BRISTOL MEMORIAL BOULEVARD INTRADISTRICT ARTS MAGNET SCHOOL

The new Bristol Memorial School will utilize an integrated Cisco system for the Network Switches, Wireless Access Points, and Telephones to be purchased from the DAS Cisco Contract. All the products will be eligible for reimbursement and the estimated cost is \$542,494.

The Classroom and Conference Room AV System, Document Cameras, and AV Sound and Projection Systems for the Band Room, Choral Room, Gym, Studio Theater, Commons, and Media Center; along with the specialized equipment for the MIDI Lab and Recording Studio will all be part of a public bid. Also included in the public bid will be Robotics for the Construction/Scene Shop, Charging Cabinets, 3D Printers, and Library Bar Code Scanners. The total value of the public bid is estimated at approximately \$696,598.21. Bidders will be allowed to bid on selected Bid Lists, but must submit pricing for all the items contained on an individual Bid List. The majority of the products will be eligible for reimbursement, except for the Digital Keyboards, specialized Software, and any portable items.

Sole Source approval was received to specify SMART Boards and Document Cameras for the Classrooms and Conference Rooms to continue the District Standard. This will be a Sole Source for the manufacturer, with multiple SMART authorized vendors qualified to bid.

The estimated cost for the Classroom and Conference Room Audio Visual System is \$366,738 and it will be eligible for reimbursement. The estimated cost for the Audio Visual Systems for specialty rooms is \$126,673 with \$92,612 eligible for reimbursement and \$34,612 ineligible. If a Vendor receives an award for a combination of Bid Packages including the AV bids totaling over \$500,000, they will be required to be on the DAS list of Pre-qualified Telecommunications Contractors to meet OSCG&R regulations. Many of the Vendors included on the list are current or former holders of the DAS Audio Visual Contract which has a limit of \$100,000. This requirement discourages unqualified companies from submitting a bid.

iMac Computers for the MIDI Lab and Graphic Design Lab will be purchased from the DAS NASPO Contract with Apple and will be eligible for reimbursement. Storage and Deployment services will be procured through the DAS Moving Contract because Apple no longer offers Deployment services.

The Digital Tech Ed/Set Design Lab will receive powerful Dell Desktop Tower Computers with an upgraded version for the Teacher Stations. Standard Classroom Teacher Stations and the Language Lab will receive a Small Form Factor Desktop Computer purchased through the Dell NAPSO Contract. Staff Laptop Computers will be Dell Laptops with one Monitor and a Docking Station. All Windows Keyboards and Mice will be wired, to avoid loss. Deployment Services will be provided by the local Dell Vendor, as allowed in the NASPO Contract. The Tech Labs and Teacher Station Computers will be eligible for reimbursement and the Staff Laptops will not.

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Monitor Arms for the iMacs and the Teacher Stations in the Computer Labs will be purchased with the new DAS Ergonomic Accessories Contract. The Monitor Arms will be eligible for reimbursement. Laptop Computers to run Autodesk Inventor software in the Digital and Solid Modeling Lab; three iPads and one iMac Air, which are portable devices needed to run the Music systems will be ineligible. Specialized Software for the MIDI Lab and Recording Studio and Maintenance plans from Apple, will also be ineligible. The total estimated cost for Computers is \$495,080 with \$284,486 eligible and \$210,594 ineligible.

Charging Cabinets for the standard Classrooms, to hold 10 Devices, will be included to avoid having students plug their devices into the wall outlets and obstruct the aisles. Charging Cables, 10 per Cabinet, will be included because they are necessary for use of the cabinet. One Charging Cabinet will be needed in the Digital & Solid Modeling Lab because the Laptops will not be taken home at night. The Charging Cables included with the Laptops will be installed in the 32 Device Cabinet Charging Cabinet. There will be 8 extra slots in the 32 Device Cabinet that students can use to charge their own Chromebooks while using the Laptops in the Lab. The Charging Cabinets, Cables, and Installation will be eligible for reimbursement. The total cost is estimated at \$34,364.

Document Cameras will be included in designated Classrooms for presenting printed or handwritten content on the Interactive Displays. Sole Source Approval was received for the SMART Document Cameras to continue the district standard. The Document Cameras will be part of the Classroom AV Bid and will add to the volume of the order for SMART products. The Document Cameras, with an estimated cost of \$18,400, will be ineligible for reimbursement.

Two (2) 36" HP DesignJet Plotters will be purchased for the Digital Tech Ed / Set Design Lab and the Digital & Solid Modeling Lab from the DAS NASPO Printer Contract. Two (2) MakerBot 3D Printers will be purchased for the Digital & Solid Modeling Lab and will be part of the Public Bid. Sole Source Approval was received for the MakerBot 3D Printers to match the district standard and to maintain the level of quality required. The Plotters and the 3D Printers, estimated at \$9,439, will be eligible for reimbursement.

Two (2) Book Barcode Scanners compatible with the Destiny Library System will be needed for the Library Media Center. The Barcode Scanners will be part of the public bid with an estimated cost of \$626. The Library Barcode Scanners will be ineligible for reimbursement.

The total estimated cost for Technology Equipment is \$1,779,314.82 including a \$20,000 Contingency to cover cost increases and product changes due to availability. The estimated Eligible Cost is \$1,381,810.85 and the estimated Ineligible Cost is \$397,508.97.

GTC has worked with Bristol IT to develop the Procurement List for the new school, following district standards for Network Equipment and Classroom Audio Visual. All the equipment being provided will include the latest Technology available from the named manufacturers. GTC looks forward to seeing the finished product and the smiles on the faces of the Teachers and the Students.