

March 18, 2024

TO: Ron Koehler, Superintendent

FROM: Kevin Philipps *KP*

RE: 2024-25 Cap Outlay

Each year, our Team goes through an extensive planning process for the purchase of new and replacement equipment, as well as building improvements. Attached is a memo from Tim summarizing his work, along with a list of the anticipated equipment and improvements for the 2024-25 school year. Tim has done a nice job of meeting with various employees throughout the organization to ensure all critical needs have been met.

As a reminder, this list of projects is an informational update so the Board has visibility on next year's planned investments. As we move through the 2024-25 school year, we will bring the necessary items requiring formal approval to future board meetings.

The anticipated spend for new and replacement equipment, as well as, building improvements for next year is \$2,532,554. Last year was relatively close at \$2,435,148, a difference of \$97,406 or 4.0%. As a rule of thumb, the change from year to year mirrors the projected change in taxable value revenue at the time we begin this process.

As is typically the case, not all requested equipment or projects were funded. The total ask was \$3,384,402 of which 75% was funded. The major reductions were funding \$100,000 of a \$400,000 furniture request for Teacher Academy and a \$300,000 request for a parking lot to be utilized by multiple programs. The Team is comfortable with the money allotted and understands some projects will be funded in future years.

If you have any questions regarding the process or list of items, please let me know.

KP/kg

Attachment

To: Kevin Philipps

From: Tim Peraino

Date: March 6, 2024

Re: 2024/2025 Capital Expenditure and Building Improvement/Alteration Requests

The Capital Expenditure and Building Improvement process begins each December. Notice is sent to all departments to submit forms for equipment and building alteration requests. Requests are reviewed and discussed between Building Administrators, Assistant Superintendents, the Director of Information Technology and the Facilities Department, ensuring the numbers being presented have been vetted through a comprehensive review process.

This year, the initial amount of requested equipment and projects totaled \$3,384,402. After reviewing all requests and prioritizing the most critical, we are seeking approval of new/replacement equipment requests in the amount of \$1,452,160 and building improvement/alteration requests in the amount of \$1,080,394. As always, when we replace HVAC equipment, controls or lighting, we make every attempt to replace with products that will provide Kent ISD with the best energy conservation and control. These requests have been prioritized by need. Any emergency or unforeseen change may alter the priority level of an item or possibly add or eliminate items.

Below is a summary of proposed expenditures:

2024-25 Capital Outlay Request Breakdown

Building/Department	Capital Outlay/ New Equipment	Replacement Equipment	Equipment Totals	Building Improvements	Grand Total
Educational Service Center	4,966	35,393	40,359	0	40,359
KCTC East	468,243	443,610	911,853	774,000	1,685,853
My School @ Kent	20,000	3,440	23,440	0	23,440
Regional Satellites	27,625	26,293	53,918	0	53,918
KCTC West	154,307	138,360	292,667	86,000	378,667
Facilities/Site	0	1,823	1,823	145,394	147,217
Kent Conference Center	0	87,580	87,580	75,000	162,580
Early Childhood	960	39,560	40,520	0	40,520
Totals:	676,101	776,059	1,452,160	1,080,394	2,532,554

This recommendation is for the review of the Board. Competitive bids will be obtained for any supplies, materials, or equipment that amount to more than the current base established by Public Act 159 of 1990 and presented to the Board for approval. Please feel free to contact me with any questions.

2024-25 Kent ISD New and Replacement Equipment Requests

Educational Service Center

Business Office

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Elitebook 650 G10 w/ 16 GB of storage	R	1,000	1,000	Replacing 4+ YO Laptop	Dennis Baine
1	HP Elitebook 630 G10	R	860	860	Computer is slowly dying and screen is flickering	Jill Wilson
1	ASUS 24" Monitor	N	120	120	Replacing older monitor	Dennis Baine

Communications

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Elitebook 630 G10	R	860	860	Replacing 4+ year old laptop	Katie McClintic
1	Desktop w/ 512 GB storage	R	710	710	Replacing 6+ yr old desktop	Bob Brenzing

Custodial

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Elitebook 630 G10	N	860	860	Moving from a desktop to a laptop	Robert Rouse

Human Resources

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Desktop w/ 512 GB storage	R	710	710	Replacing 4+ year old laptop	Dave Rogers
2	ASUS 24" Monitor	R	120	240	Replacing 6+ yr old desktop	Dave Rogers

REMC

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Elitebook 630 G10	R	860	860	Replacing 5+ year old laptop	Dejana Smith
2	ASUS 24" Monitor	R	120	240	Replacing older monitors	Dejana Smith

Security

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
10	HP Elitebook 630 G10	N	860	8,600	Security officers have never had staff devices.	Eric VanDyke
1	HP Elitebook 630 G10	R	860	860	Replacing 4+ year old laptop	Kyle Raymond
1	ASUS 24" Monitor	N	120	120	Replacing older monitor	John Wittkowski

Special Education

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
10	HP Elitebook 630 G10	R	860	8,600	Replacing 4+ yr old laptops & new laptops for new staff	Kirsten Myers
11	ASUS 24" Monitor	R	120	1,320	Replacing older staff monitors	Kirsten Myers
1	HP Elitebook 630 G10	R	860	860	Replacing laptops that are 5 years old	Allie Hamel
1	HP x360 Laptop w/ touchscreen & 16 GB storage	R	852	852	Replacing 4+ year old laptop	Kirsten Myers
4	Portable monitors	N	139	556	For new staff	Kirsten Myers

Student Services

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
2	ASUS 24" Monitor	R	120	240	Replacing older monitors	Sheree Joseph-Bos

Teaching & Learning

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
9	HP Elitebook 630 G10	R	860	7,740	Replacing 4+ yr old laptop	Kelli Campbell, Sabrina Ricardo
9	ASUS 24" Monitor	R	120	1,080	Replacing old monitors for staff	Kelli Campbell

Truancy

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Desktop	R	710	710	Replacing 6+ yr old Desktop	Mark Larson
2	ASUS 24" Monitor	R	120	240	Replacing older monitors	Amy Barry

Tech Services

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
3	HP Elitebook 630 G10	R	860	2,580	Replacing 4+ year old laptop	MelanieRose Smith, Mitchell VanEss, Laura Otten
1	HP Elitebook 840 (32 GB of RAM, 1 TB of storage, w/ touchscreen)	N	1,530	1,530	Replacing 4+ year old laptop	Griffin Gale
1	HP Z2 Tower G9/G10 Desktop w/ dual channel 32GB RAM, 1 TB storage, bluetooth	R	1,000	1,000	Replacing 6+ year old desktop	Chris Lillis
8	ASUS 24" Monitor	R	120	960	Replacing older monitors	Jill Van Veen, Elissa Talsma, Sarah Wood, Chris Barnwood
1	Samsung Tablet S9	N	920	920	The primary reason for this tablet is remote network and server support. It will replace an aging ipad that has started crashing because of its age and battery.	Tim Lillis
1	HP EliteBook w/ 512 GB of Storage	R	860	860	Replacing 4+ year old laptop	Elissa Talsma
1	Chromebook	R	669	669	Replacing 4+ year old Chromebook	Micky Clark
2	32" Computer Monitors	R	330	660	Replacing current monitors	Griffin Gale
1	Desk Chair	R	598	598	Replacing older office chair	Glen Finkel
2	Monitors	R	297	594	Replacing broken monitors	Bill Holland
1	Monitor	R	350	350	Replacing older monitor	MelanieRose Smith

Kent Career Technical Center - East

Administration and Other Depts

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
2	Pool Vehicles	N	55,000	110,000	More options for student transportation	Joseph Lienesch
1	Soft Seating	N	25,000	25,000	Additional seating in the commons	Joseph Lienesch
17	HP Elitebook 630 G10	R	860	14,620	Replacing old laptops	Linda Narwocki, Andrea Reynolds & Student Services (15)
1	AV setup in auditorium	R	10,000	10,000	Sound is still going through projector in this room.	Ron Houtman
2	Mini PC for Avigilon	R	700	1,400	These are for the security tv's to display the camera feeds in the main KCTC Office MSAK and West Office.	Security

Agriscience

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	2024 Darkhorse 7X16 Enclosed Cargo Trailer, Tandem Axle	N	7,500	7,500	Transport tools, equipment, plant and animal materials to off-site locations. Plants, tools and animals need to be transported in a covered, enclosed, safe space. These items are transported to Home and Garden Show, Meijer Gardens, animal processors, and off-campus landscape sites.	Heather Pratt

Applied Construction

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Pole Barn Framing	N	80,897	80,897	Materials for the construction of an on-campus pole barn	Joseph Lienesch

Auto Collision

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
14	Miller Electric Millermatic 211 SPCMIL907614	R	1,650	23,100	The Miller welders we have are 8 years old. They have reached a point in their duty cycle where the circuit board and computer are burning out. Cost of replacement of these components exceeds the value of the welder.	Charles Heinz
1	Car-O-Liner Universal Riveting Tool PNP90XT2	N	9,843	9,843	The program is setting up for the need to teach students aluminum repair and replacement procedures on aluminum intensive vehicles. Aluminum body panels are attached using various self piercing rivets. These rivets require a specific pneumatic riveting tool to remove and install them.	Charles Heinz
1	Robinair Transmission Fluid Exchanger 92500	N	6,129	6,129	ASE Education Foundation requires Vac and Fill equipment for vehicle fluids. Currently the collision program does not have this equipment. We have shared with auto tech but because of the Auto Tech MLR curriculum they need to use the equipment more often than in the past.	Charles Heinz
1	Car-O-Liner Wet Mix Vac Hose Sander Kit 90300	N	4,915	4,915	In order to safely sand or grind aluminum for repairs, a wet mix dust extraction system is necessary to keep the dust given off from these processes from ignition.	Charles Heinz
6	Devilbiss GPG Gravity feed spray guns DVL905021&DVL905026	R	459	2,754	The spray guns in the department are getting well worn. We need a spray gun kit for customer jobs so that we can produce the best finish for students and customers	Charles Heinz
2	Digital Cameras	N	500	1,000	For taking pictures for estimates	Charles Heinz

Auto Technology

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	2014 Jeep Grand Cherokee Limited DIESEL	N	15,000	15,000	Need a Light duty diesel for student to do vehicle inspections, Required as part of MLR curriculum for the State of Michigan and ASE Education Foundation	Nathan Vannest
2	2009 or 2010 Chevy Cobalt (Vehicle)	R	5,000	10,000	ASE Educational Foundation requirements are to have vehicles for student to work and practice on. Cobalt's selected to fit replacement of starters and alternator and to do ABS diagnosis but will be used in all auto Cobalt	Nathan Vannest

6	Durham HWB-3672-95 Extra Heavy Duty Workbench, 1 Bottom Shelf, 72x36x34	N	1,006	6,036	As a part of building the new automotive department Steering and Suspension lab in room A170 (formerly known as the "Cooperate Room") we need to add workbenches to facilitate lab work and learning in the content area. The workbenches selected are industrial quality, heavy duty workbenches that can handle the physical stress of daily use in a steering and suspension lab, which often consists of "heavy" workloads. These benches - if properly maintained - should last the lifetime of the program.	Marshall Lystra
2	5820 Electric Vehicle System Trainer	N	2,525	5,050	Electric Vehicle System was developed to introduce students to Hybrid/Electric Vehicle systems, which is become more prevalent in Auto Repair Industry. ASE education Foundation has also incorporated it more into our current curriculum.	Nathan Vannest
4	Autel MaxiCOM MK808S Vehicle Scan Tool	N	550	2,200	MLR students need more availability to Vehicle Scan-tools. With three MLR classes the current amount of simple scan-tools is insufficient to meet the availability requirements of the curriculum	Nathan Vannest
1	Lincoln POWER MIG® 215 MPI Multi-Process Welder	N	2,000	2,000	Need a heavier duty welder to weld larger student training aids use in curriculum and for training with students. Shared by all classes in Auto Tech Department	Nathan Vannest

Biomedical Tech & Research

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
12	MiniPCR Cycler by Mini PCR (Thermocyclers for 12 station teams	R	599	7,188	This new technology makes it possible for students to visually see the Replication of a Small Segment of DNA in the actual Research Lab. It will take 4 pieces and in 4 hours make 1 Billion! Even in the 1.5 hours of research lab, it will reach over 1 million pieces! Current system only does the work but does not display the DNA.	Russell Wallsteadt
12	Edge Integrated Electrophoresis System by Edvotek- Replacing 2008 gel viewer & Electrophoresis system	R	309	3,708	Outdated system causes disconnect of students. New system allows faster lab performance, direct observation of real time Electrophoresis, and allows crisp pictures to place to student written research articles and posters for presentations.	Russell Wallsteadt

1	Nikon ZM 745 Biocular Adaptor & Screen	R	1,790	1,790	This adapting system allows us to use our high grade Nikon Dissection Microscope to observe, record, and print pictures of the actual Worm Research in real time for students to create their own research articles with graphs, Worm Close-up Pictures, and deep stem documentation for international study submission when investigating the specific gene assigned by GVSU & University of Georgia.	Russell Wallsteadt
1	Charging Cart	N	899	899	Biomedical has never had a proper charging/storage device	Russell Wallsteadt

Business Services - Pre-Vocation

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Cross Cut Centralized Office Paper Shredder, Continuous Operation	N	2,900	2,900	If they were to collect recycling, they could shred it, bundle it, and collect it for another realistic business activity	Debra Rajaratne
3	Used 4' gondola run with base and 8 adjustable shelves	N	300	900	Creating an endcap, stocking, sorting, and facing	Debra Rajaratne

Criminal Justice

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Forensics Lab Project - Cabinets with Chemical Resistant Top, Electric Source for Tables, Sink with Eyewash Station (Building Improvements included on that list)	N	20,000	20,000	With the addition of Jessica as our resident forensic scientist, we are now the leaders in the state when it comes to forensics. However, we do not have the facilities to accommodate proper learning for our students. We are in need of cabinets along two of the walls. This will give extra, secure storage space for the products that we will use throughout the year. The chemical resistant top will ensure the longevity of the cabinets in the off chance there is an accident. Electrical outlets will give us a better space to utilize the microscopes that we purchased earlier this year. The eyewash station with a sink will align us with OSHA requirements and give students the proper space to clean instruments thoroughly without having to walk them to the bathroom down the hall each time. If granted, this classroom transformation will put us above all other ISD's in the state as no one has a functioning forensics lab. It will draw a new subset of students who are interested in forensic science.	Jessica Ramirez

4	Ford Explorer Police Interceptor	R	15,000	60,000	We currently have 3-4 vehicles used for traffic stops, vehicle processing, high risk traffic stops, and demonstrations. These vehicles are outdated and no longer used in law enforcement. We need new (used) vehicles to have our students properly learn the equipment and what it is like to operate a patrol vehicle that they may use in the field. These vehicles can be used or bought at auction. A local PD advised they will donate lights for the vehicles for outfitting. The current vehicles often do not work or start when we need them to without assistance from a jump pack. The current vehicles could be used as suspect vehicles in the future.	Ben Hawkins
75	Streamlight Strion #74414 Flashlight	R	125	9,375	We have about 30 flashlights with push buttons on the rear, but not the front. We teach building searches and crime scene investigations where flashlights would be needed. We do not have enough for all of our students currently. The new ones would have buttons on the front and rear, which is how flashlight holding is currently being taught in industry. We would need 75 of them to outfit the entire program with replacement/new flashlights. The flashlight holsters would also be needed (see next request).	Ben Hawkins
1	Arrowhead Polilight System (UV-VIS-IR) OR Crime-Lite x10 full spectral light source (QCL/X/KIT/A-P)	N	9,237	9,237	An alternative light source (ALS) is a tool that is used very commonly during crime scene investigations. It is used to discover and assist with properly collecting the evidence after discovery. This would be used often during our semester on criminal investigations and forensics. This is a tool that is used daily in the field and would get use in our class for students to get the best picture of what forensic science is like. The 2nd vendor (Foster+Freeman) would be the preferred vendor. It is 1/3 of the cost of Arrowhead for a very similar product.	Ben Hawkins
1	Clevertouch with Stand	N	4,000	4,000	With the additional forensic science curriculum added, there is a need for extra demonstrations and analysis of patterns and materials. This new tool will allow the instructor to visually demonstrate not only the procedures necessary for proper development of evidence, but also the analysis of microscopic features within fingerprints, firearms evidence, and trace materials. This will enhance the student's learning by visually showing them the minute features and microscopic examinations that will allow for successful completion of the assigned lab exercises.	Jessica Ramirez
1	Autopsy David 9459-PL	N	2,467	2,467	Jessica Ramirez is a forensic scientist who has been to countless autopsies. As a possible career path, students will learn what an autopsy entails and how they are conducted. This would be used as a lesson for students to understand the intricacies or autopsies. This could also be used in crime scene scenarios throughout the year.	Ben Hawkins

1	New AV setup	R	2,000	2,000	This room has a very old projector and old sound.	Nate Cooper
1	HP Elitebook 630 G10	R	860	860	This instructor currently has a HP Probook 440 G9. This computer is slow and inefficient and instructor would like to have it replaced with a newer laptop.	Jessica Ramirez

Diesel

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
4	Heavy duty storage shelves	R	3,700	14,800	The component shelving units we have can not support the weight of the items we currently have. The shelves in the cabinets we currently have are starting to bend and break.	Jeff Kollin/James Cain
14	Misc. tools for training	R	786	11,004	Misc. tools is to replace tools that are no longer accurate or working. Tools are used for student learning.	Jeff Kollin/James Cain
54	Tires for program vehicles	R	175	9,450	The vehicle tires on our equipment are severely dry rotted and they have become a safety concern for our students. Sidewall dry rotting can cause the tire to fail which can cause serious injury to students.	Jeff Kollin/James Cain
2	Battery and Electrical system analyzer BCT-468NAVK	N	3,800	7,600	Advisory members recommended that all students going through our program be trained on using this tool as it is the standard testing tool in most heavy duty shops today.	Jeff Kollin

Graphic Communications

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
32	Mac Mini M1	R	1,158	37,056	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema
55	Acer V247YU BMIIPX 24	R	220	12,100	These are the monitors for the last mac lab upgrade	Kylie Dykema
2	Computer Desks - 3 Stations	N	6,000	12,000	Update lab area where a window was installed between classroom last year	Kylie Dykema
6	Samsung BET-H 75"	R	1,100	6,600	Assumption: existing flat panel carts will be used	Kylie Dykema
32	Keyboards	R	60	1,920	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema
32	Mice	R	20	640	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema
32	Thunderbolt to HDMI Cord	R	18	576	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema
32	USB Hub	R	9	288	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema
32	4K Highspeed HDMI Cables	R	8	256	Update 3rd classroom to match 2 classrooms updated last year	Kylie Dykema

Health Careers

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
10	Telemetry Machines	N	2,615	26,150	Skill simulation and practice trainer	Jennifer Majeske
10	Cath Mannequins	N	1,640	16,400	Skill simulation and practice trainer. This is the only company that makes this equipment.	Jennifer Majeske
10	CPR Training Manikin w/feedback	N	1,330	13,300	More precise assessment in CPR training	Jennifer Majeske
10	SCD Machines with sleeves	N	1,220	12,200	Skill simulation and practice trainer.	Jennifer Majeske

3	Manikin Keri Nursing Skill	R	2,572	7,716	Replace broken manikins	Jennifer Majeske
14	Microscopes (4x, 10x, 40x, and 100x)	R	439	6,146	Replacement of broken equipment	Jennifer Majeske
6	Phlebotomy Arms	N	950	5,700	Skill simulation and practice trainer	Jennifer Majeske
5	Patient Care Beds	R	1,098	5,490	Replace broken equipment	Jennifer Majeske
5	Hemoglobin Analyzer Hemocue	R	938	4,690	Replace broken equipment	Jennifer Majeske
2	TV Monitors	N	2,000	4,000	AV upgrade for B270	Hailey Kane
3	BP Simulation Arms	R	1,130	3,390	Skill simulation and practice trainer	Jennifer Majeske
9	Phlebotomy replacement skins	R	283	2,547	Skill simulation and practice trainer	Jennifer Majeske
2	Phlebotomy chairs for live draws	N	828	1,656	Skill equipment	Jennifer Majeske
1	Ipad and Swivel setup	N	1,500	1,500	To be able to record our lectures, record the hands on skills in lab to be able to post for students who are absent or need additional review or reminders on what has been covered. This would be shared between two instructors.	Karri Harding
1	Corrosive chemical storage	R	1,450	1,450	Safe storage of corrosive chemicals	Jennifer Majeske
3	Prestan AED Ultra Trainer (4-pack)	R	462	1,386	Replacement/additional equipment	Jennifer Majeske
1	Flammable chemical storage (w/manual doors)	R	1,100	1,100	Safe storage of flammable chemicals	Jennifer Majeske
1	TV for Anatomage display	N	800	800	Just want a TV to project whats on the table onto the wall in little room of A100	Hailey Kane
1	Eyewear sterilizer	N	718	718	Maintenance of equipment, instruction	Jennifer Majeske

Hospitality

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
19	KitchenAide NSF Certified Commercial Series 8 Quart Bowl Lift Stand Mixer (KSM8990WH)	N	800	15,200	Numerous 15 year old mixers currently in operation are broken, continually needing to be serviced, causing delays and adjustments to accommodate broken equipment. Need to replace with new mixers to help assist in proper deliver of lessons both in the bakery and other lab spaces.	Michael Dewicki
1	Camera Setup for presentations	N	6,000	6,000	This is the setup he has requested a few times.	Don Henderson
2	Lello Musso Commercial Ice Cream Machine 2qts (SKU P180)	R	1,400	2,800	The program is requesting replacement for the 3 gallon ice cream maker that is no longer appropriate for lessons necessary. We would like to replace with 2 smaller units that are easily used by students in the overall lessons.	Michael Dewicki
3	HP Elitebook 630 G10	N	860	2,580	New CTE hire needs laptop	Erin Mangan, Michael Dewicki, Jacob Bandstra

HVAC-R

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
16	Copeland Refrigeration Trainers (built by students)	R	1,442	23,072	Existing trainers are pieced together and aged out. Trainers have unfixable leaks and contain moisture and acid hindering students ability to commission and completed projects	Jeff DeMeester

Intro to Auto

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Tankless Hot Water Heater	N	6,000	6,000	For exterior detailing work	Mike Kiekover

Marketing

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Retail Store- checkout counter, racks, digital sign, shelving	N	15,000	15,000	Equipment for a Retail Store at KCTC-East	Kyle Retan
4	Cabinets with Doors to hold Storage Bins	N	700	2,800	Equipment for a Retail Store at KCTC-East	Kyle Retan

Networking & Cyber Security

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
10	Servers with Raid setup	R	2,700	27,000	Students need access to servers for their curriculum. Our current servers are old and donated servers that are approx. 7 -10 years old & out of date.	Joe Lake
4	HP Elitebook 630 G10	R	860	3,440	Replacing 4+ year old laptop for instructors	Joe Lake

Teacher Academy

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
2	Furniture for Classroom	R	50,000	100,000	Update furniture in 2 Teacher Academy classrooms	Alan Freudigmann
1	65" Clever Touch	N	4,000	4,000	For left side of room in front and center w/ stand	Alan Freudigmann
3	HP Elitebook 630 G10	R	860	2,580	3 Instructors have been using temp laptops	Alan Freudigmann
1	85" TV	R	1,400	1,400	For front of room in Front and Center	Alan Freudigmann
1	TV Mount	R	300	300	For front of room in Front and Center	Alan Freudigmann

MySchool @ Kent

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
50	Chromebook	N	400	20,000	Replacing outdated Chromebooks	Gerry Verway
4	HP Elitebook 630 G10	R	860	3,440	Replacing 4+ year old laptop	E Schafer, M Reda, T Sawyer, J Finkel

Kent Career Technical Center - West**Administration/Building**

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Elitebook 630 G10	N	860	860	Needs a staff laptop	Jennifer Thornton
1	HP Probook 440 G10 w/16 GB of RAM & 512 GB of storage	R	815	815	Replacing a 440 g3 in the multi purpose room	Nate Cooper
1	Mini PC for Avigilon	R	700	700	For the security tv to display the camera feeds in the main KCTC West Office	Security

CORE

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
2	HP Elitebook 630 G10	R	860	1,720	Core staff laptops need replacing	Lori Dulak

Engineering & Arch Design

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
30	Student CAD PC's	R	2,200	66,000	These pc's are starting to die and we should really consider getting all new including 3 for replacements.	Joseph Phillips
1	FormLabs 3D Printer, Model: Form 3+ (not Form 3B+)	R	2,500	2,500	required to keep up with industry standards	Joseph Phillips
1	3D Printer: Bambu Labs X1E with AMS	R	2,499	2,499	The average age our 3D printers is over 8 years. This printer is required to meet demands of the engineering curriculum. It is supported by both local colleges and industry	Joseph Phillips
1	4x8' magnetic whiteboard with large rubber wheels	N	1,285	1,285	this replaces white board space that we are lacking, could be used as a divider to reduce distractions, and provide concealment in an emergency situation	Joseph Phillips

Hospitality & Culinary

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Alto-Shaam Model No. 1000-UP	R	7,910	7,910	We use it to keep food items warm for serving. Someone from maintenance looked at our old one and said it was not fixable because no one could get parts.	Ryan Marklevitz

Manufacturing - Pre-Voc

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
2	Cam Spray Professional 1500 PSI (Electric - Warm Water) Wall Mount Pressure Washer w/ Auto Stop Start Model: 1502WM/SSA	N	3,000	6,000	I need these to teach Exterior and Interior detailing. All equipment was removed and relocated in KCTC East for the Intro to Auto program leaving us without.	Barry Wackerle
4	Reliable Brio Plus 400CC Steam Cleaner, 22 Accessories, 72 PSI Pressure, Multipurpose Cleans Tile, Grout, Hardwood Floors, Autos, Windows, and More, Unlimited Steam Technology	N	600	2,400	Needed to teach interior detailing	Barry Wackerle
15	Pro-Lift Mechanics Stool with Wheels - Heavy Duty Roller Creeper Seat with Concave Design and 2 Tool Storage Trays for Home Garage DIY Automotive - 300 Lbs Capacity	N	115	1,725	Needed to teach detailing.	Barry Wackerle
2	Steel Eagle V2 Bottom Feeder 24" Underbody Vehicle Cleaner (Hot / Cold Water) (4000 PSI) Model: ASE-0019	N	800	1,600	Needed to teach Auto exterior detail	Barry Wackerle

4	DEWALT Buffer Polisher, 7"-9", 12 amp, Variable Speed Dial 0-3,500 RPM's, Corded (DWP849X) Yellow, Large	N	202	808	Needed to teach exterior detailing.	Barry Wackerle
20	Chemical Guys MIC1995 Woolly Mammoth Large, Super Absorbent and Soft Microfiber Towels for Cars - 36" x 25" Gray, Ideal for Car Lovers and Auto Enthusiasts - Car Detailing Towels	N	36	720	Needed to teach detailing.	Barry Wackerle
2	40L/11Gal Commercial Carpet Cleaning Machine 3 in 1 Carpet Extractor for Car Detailing, Commercial Stainless Steel Carpet Shampooer (Shipped in 2 Parcel) Brand: OCASAMI	N	350	700	Needed to teach interior detailing.	Barry Wackerle
2	MTM Hydro 4000 PSI Premium Spray Gun, Adapters, 18" Lance, Foam Cannon & 50-Foot Hose Kit 3 (Hot/Cold Water) Model: 43.5010	N	270	540	Needed to teach exterior detail.	Barry Wackerle

Mechatronics

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Instrumentation & Process Control Trainer - #3500 series	N	124,805	124,805	A Process Control trainer would give students a better hands on understanding of the complex systems used to control an automated process which will better prepare them for industry needs.	Travis Raspotnik
3	Allen Bradley Panelview Plus 7 Standard 1200w 2711P-T12W21D8S	N	4,541	13,623	These HMIs are needed to complete the Networking and IP Addressing trainers in the Advanced Lab. Students will be introduced to Studio 5000 along with networking to better prepare them for industry.	Travis Raspotnik
1	Wacom One 13 Touch	N	526	526	This technology would allow more interactive instruction in the classroom. It will also be utilized to easily share lecture notes with the students.	Travis Raspotnik

Welding

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Koike ShopPro CNC Plasma cutter with software, setup and shipping.	R	52,615	52,615	Introducing a CNC (Computer Numerical Control) plasma cutter in a high school welding shop can offer various educational and practical benefits. Technological Advancement, Hands-on Learning, Creativity and Design Skills, Industry-Relevant Skills, Project-Based Learning and Career Preparation.	James Swenson

Regional Satellites

Aviation Electronics & Maintenance

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	Office & Conference Room Furniture	R	10,428	10,428	Replacing office chairs and updating conference room furniture	Josh Miller
1	Barfield 101-00164-605 ANLG P/S TEST SET, 1811D605	N	6,200	6,200	This manually operated air data test set is required to test Pitot Static Systems on aircraft. We currently do not have a manually operated set such as this. Both aviation maintenance and avionics programs will benefit greatly from this equipment.	Josh Miller
100	Electronics Learning. Full Set of 4 Electronics Learning Boards Practice Soldering & Learn Electronics Multiplexer, Resistance, Capacitance, and Series vs. Parallel.	N	50	5,000	Both avionics and aviation maintenance students will use the 4 Electronics Learning Boards Practice Soldering & Learn Electronics Multiplexer, Resistance, Capacitance, and Series vs. Parallel. All of these projects will support required curriculum.	Josh Miller
25	Nova Compact Keyless Pneumatic Drill	R	198	4,950	Need to preplace all keyed drills to keyless drills to improve safety of students in the lab/shop areas. As well, current drills are worn.	Josh Miller
100	Elenco AM/FM Radio build project	N	49	4,900	This radio build project will benefit both avionics and aviation maintenance. After we teach students about electrical basics, components, and tools we will use this project as a capstone at the end of the year. Will help fortify scaffold learning and transfer of hard skills.	Josh Miller
1	D. Marchiori, Part# DMAK-CESNT182Tx-E1K0POV3, Air Data Test Set Adapter	N	4,200	4,200	This Air Data Test Set Adapter is required to be used in conjunction with our Air Data Test Set. We currently do not have one, and must use this when performing required avionics and inspection training. This equipment will be used by both avionics and aviation maintenance.	Josh Miller
1	43 inch Deep Throat Bead Roller, with stand and rollers kit. Part# WFBR43P	N	3,000	3,000	This bead roller will improve student learning of industry standard equipment, and aid in teacher instructional ability. Learning how to use this equipment is a resume builder, and used in local shops. KCTC Aviation currently does not have this equipment.	Josh Miller
200	Aeroquip Hose 303-6 (Purchased by the foot)	R	15	3,000	This hose will replace current training aids. Both avionics and aviation maintenance programs will benefit from this purchase.	Josh Miller

15	Snap on, WTRW6A, 6IN WIRE TWISTER	R	161	2,415	These twist pliers are used through the year, and have become worn. The worst ones, students do not use, because I do not want them to hurt themselves. I'm requesting 15, as that is the number of heavily worn pliers. I'm requesting to use Snap on as they are replaced for free as a warranty item when worn or broken.	Josh Miller
100	Elenco FM Radio Kit	N	18	1,800	This radio build project will benefit both avionics and aviation maintenance. After we teach students about electrical basics, components, and tools we will use this project as a smaller more digestible project prior to a larger more in-depth radio capstone project at the end of the year. Will help fortify scaffold learning and transfer of hard skills.	Josh Miller
1	Sonel TDR-410 Time Domain Reflectometer	N	1,700	1,700	We currently do not have this tool. We conferred with our advisory committee, and they recommending, and we agree to have this on hand to aid in aircraft wire troubleshooting abilities. This will increase student awareness, and use of the highly specialized tool.	Josh Miller
50	Eaton Aeroquip Hose Fittings, part # 491-6	R	27	1,350	This hose fitting is required as a lab instructional aid for both avionics and aviation maintenance. Current fitting stripped out and worn.	Josh Miller
1	Jet free standing tower drill press.	R	1,300	1,300	The current drill press has been repaired multiple times, and should now be replaced for personnel safety purposes.	Josh Miller
100	Eaton Aeroquip Hose 303-4 (Purchased by the foot)	R	12	1,200	This hose will replace existing instructional aids. Both avionics and aviation maintenance will benefit from this purchase.	Josh Miller
50	Eaton Aeroquip Hose Fittings, Part # 491-4	R	19	950	This hose fitting is required as an instructional aid and Labs for both avionics and maintenance. Current fittings stripped and worn, needing replacement.	Josh Miller
15	Hand Fluting Pliers, Vise Grip, Part# 12-00609, MFR Model# 500	N	55	825	This equipment will help students learn metallic structures. We currently do not have this equipment.	Josh Miller
2	Hand Held Radio, ICOM A25C Sport, Part # 11-16533 VHF Radio	R	350	700	These radios are hand held aircraft radio's. Having this option, will increase our ability to talk to aircraft and the Air Traffic Control Tower for training purposes. We currently have no radio to perform this training. Both avionics and aviation maintenance will benefit from this purchase.	Josh Miller

Kent Conference Center

1	New AV setup for conference room	R	85,000	85,000	System has been duct taped along for years	Ron Houtman
2	HP Elitebook 630 G10 for Career Readiness	R	860	1,720	Replacing 4+ year old laptop	Samantha Jackson, Cary Stamas
1	HP Elitebook 630 G10 for Career Development	R	860	860	Replacing 4+ year old laptop w/ battery issues	Sue Gardner

Lincoln Early Childhood Center**Bright Beginnings**

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
6	HP Elitebook 630 G10	R	860	5,160	Replacing 4+ year old laptops	Karen Lezan
8	ASUS 24" Monitor	N	120	960	Updating monitors	Karen Lezan

Great Start to Quality

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
4	HP Elitebook 630 G10	R	860	3,440	Replacing 4+ year old laptops	Jaime Mueller

Great Start Readiness Program

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
36	HP Elitebook 630 G10	R	860	30,960	Replacing 4+ year old laptops	Ashley Karsten

Facilities

Qty	Description	N/R	Unit Cost	Total	Rationale	Requestor
1	HP Zbook Power G10 with 32GB DDR5, 1TB SSD, Touchscreen	R	1,823	1,823	A laptop needed that can manager construction projects powerful enough to run CAD	Aaron Stockeland

TOTAL 1,452,160

2024-25 Kent ISD Building Improvement Requests

KCTC-East	Budgeted	Total
Lot 1 Asphalt Milling & Resurfacing	160,000	
Lot 3 Asphalt Replacement	145,000	
A-Wing (Auto Tech) HVAC Equip & Controller/Controls	80,000	
Forensic Lab Renovation	74,000	
A-Wing Roof Replacement (west section)	70,000	
Transformer/Switch Gear/Elect Panel at Power House	66,000	
Electric Panel Upgrades	50,000	
Demo Work in B291/292	32,000	
HVAC Controller Upgrades	30,000	
Demo Work in B245	25,000	
Lockers - Dwing	20,000	
Epoxy Flooring for 2 New Auto Bays	16,000	
Wiring and Labor for AV Setup - Teacher Academy	5,000	
Transform Men's Bathroom into Women's (B-Wing)	1,000	774,000

KCTC-West (formerly KTC)	Budgeted	Total
Door & Window between Hospitality Classroom and Lab	28,000	
Hardwired Card Readers	25,000	
HVAC Controller Upgrades	20,000	
Electric for (3) New Donated Welders	13,000	86,000

Kent Conference Center	Budgeted	Total
Mechanical Equipment Upgrades - lower level	65,000	
Painting - lower level	10,000	75,000

Facilities/Main Campus	Budgeted	Total
Office Space Renovation	88,000	
Breakroom Renovation	57,394	145,394

TOTAL **1,080,394**