1 CTE Dept

DEPARTMENT

2 CTE Instrumentation

3 CTE Instrumentation

4 CTE Instrumentation

5 CTE Instrumentation

ITEM

Flat Bed Trailer

compressor.

Atlas Copco SF11+FF 460 Volt, air cooled, oil free scroll air

Watlow F4T Universal Process Controllers.

Cisco/Allen Bradley Stratix 5700 Switch.

Fisher 3582i pneumatic positioners.

JUSTIFICATION

AWARDED AWARD QTY AMOUNT

STRATEGIC PLAN REFERENCE

REQ. QTY PRICE

AMOUNT

DEPT TOTAL

QTY		AMOUNT	DEPT TOTAL	QTY	AMOUNT	STRATEGIC PLAN REFERENCE	JUSTIFICATION	SUPPORTIVE DOCUMENT	AUTHOR	APPROVAL	SUPERVISOR COMMENT	SUPERVISOR
1	\$ 5,090.00	\$ 5,090.00	\$ 5,090.00		1 \$ 5,090.00	CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	The CTE Dept. needs a trailer so they can stage equipment for the students to work on in the lab. This will allow quicker and easier set up of equipment from various locations. The various departments can set up their trainers on the flatbed and then move them from site to site so it is a mobile lab.		Norm Whittaker	Per Comment	I approve of this trailer as long as it serves a separate purp from the existing trailer the CTE Department already has.	
1	\$ 20,000.00	\$ 20,000.00			1 \$ 20,000.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	1.Bitlas Copco SF11+FF 460 Volt, air cooled, oil free scroll air compressor with Elektronikon Controller and integrated Refrigerated Air Dryer. The instrumentation department requires dry and oil free air supply to the newly buil Delta-V labs. The current air supply we are using has contaminants which have damaged seals in many of our air valves. Providing our own air for these instruments will ensure uniterrupted operation, and a primary source of quality instrument air ensuring our students fully operational labs. Furthermore, this compressor represents cutting edge technologically incorporating control and monitoring, I/O and HMI interface that is similar to compressors the students will see in the field.		Robert Hunton	Yes		Bret Murphy
8	\$ 1,753.00	\$ 14,024.00			8 \$ 14,024.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	Our current standalone UDC single loop controllers are outdated and some of them are broken and have limited function. Replacing them with the Watlow controllers will enable us to continue use of our individual single loop control flow and level lab trainers saving us tens of thousands of dollars by not having to buy brand new trainers. Not only that, the cost of the controllers is nearly the same as replacing the ones we currently have. The new F4T controllers are individually programmable via network connection and will introduce students to function block plc programming early on in the Lab environment. The wire terminals are inexpensive and replaceable, so when students damage them they can be repaired. The UDC 3200 controllers we currently have require the entire 51,250 dollar unit to be replaced when the terminals become unusable due to wear and tear.		Robert Hunton	Yes		Bret Murphy
3	\$ 2,000.00	\$ 6,000.00				CTE Instrumentation Technology (Laura Gallegos): 1.2.7	These configurable network switches will provide the ability to set up our labs in industrial networking scenarios. Industrial networking has become a critical piece of Instrumentation. The need to have students exposed to this technology as they are leaving this program and beginning their career is of paramount importance. In order to add this technology to our current curriculum we will require this equipment, and being that we already have Allen Bradly PLCs, it will complement our existing infrastructure with minimal added cost.		Robert Hunton	Yes		Bret Murphy
4	\$ 813.00	\$ 3,252.00				CTE Instrumentation Technology (Laura Gallegos): 1.2.7	Used to replace units damaged and worn out due to student use. These positioners serve to teach the students fundamentals in 4-20 milliamp valve control and are used as primary training aid in EIT 336 control valves and regulators class.	1	Robert Hunton	Yes		Bret Murphy
10	\$ 800.00	\$ 8,000.00				CTE Instrumentation Technology (Laura Gallegos): 1.2.7	Having access to reference manuals right when you need them gives technicians the ability to troubleshoot problems with considerably less down time. Being able to search a document for specific keywords can enable a technician to find a problem fast. Having an encyclopedia of information on all of the field devices in your facility and not having to dig through the old file cabinet in the shop only to come up with a tattered and scribbled on document that is out of date can be very problematic. Utilization of tablets is making better technicians in the field now. We want our students to train with them in our lab.		Robert Hunton	Yes		Bret Murphy
1	\$ 2,040.00	\$ 2,040.00			1 \$ 2,040.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	A drill press will be used by students and staff alike in the construction, and fabrication of brackets or drilling holes wherever necessary. A variable speed drill press also gives the		Robert Hunton	Yes		Bret Murphy

SUPPORTIVE DOCUMENT

AUTHOR

APPROVAL

SUPERVISOR COMMENT

							(Laura Gallegos): 1.2.7	serve to teach the students fundamentals in 4-20 milliamp valve control and are used as a primary training aid in EIT 336 control valves and regulators class.				
6 CTE Instrumentation	Apple iPad Pro 10.5 inch with pelican cases.	10	\$ 80	0.00 \$	8,000.00		CTE Instrumentation Technology (Laura Gallegos): 1.2.7	Having access to reference manuals right when you need them gives technicians the ability to troubleshoot problems with considerably less down time. Being able to search a document for specific keywords can enable a technician to find a problem fast. Having an encyclopedia of information on all of the field devices in your facility and not having to dig through the old file cabinet in the shop only to come up with a tattered and scribbled on document that is out of date can be very problematic. Utilization of tablets is making better technicians in the field now. We want our students to train with them in our lab.	Robert Hunton	Yes	Bre	iret Murphy
7 CTE Instrumentation	Jet 15 Inch Swing, Variable Speed, Pulley Control Floor Drill Press.	1	\$ 2,04	0.00 \$	2,040.00	1 \$ 2,040.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	A drill press will be used by students and staff alike in the construction, and fabrication of brackets or drilling holes wherever necessary. A variable speed drill press also gives the students the opportunity to experience how to setup the proper speed for the appropriate drill bit size so as to not damage tooling.	Robert Hunton	Yes	Bre	iret Murphy
8 CTE Instrumentation	Baldor 8 Inch Wheel Diameter, 1 Inch Wide Wheel, 3/4 Inch Arbor Hole Diameter, 3/4 HP Bench Grinder 3,600 Max RPM, Three Phase.	1	\$ 1,15	4.00 \$	1,154.00	1 \$ 1,154.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	With the expansion of the lab, and doing more metal work related labs, having a bench grinder will aid in finish work of metal parts for fabrication, removing burrs, sharpening cutting tools etc. A bench grinder is another good item to teach power tool safety do to the different guards and safety precautions required to use it, and due to the ability of the students to control the item being worked with both hands.	Robert Hunton	Yes	Bre	ret Murphy
9 CTE Instrumentation	1/2", 100 ft. Spring Return Hose Reel, 300 psi Max. Pressure.	1	\$ 75	4.00 \$	754.00		CTE Instrumentation Technology (Laura Gallegos): 1.2.7	To be used for purposes of using air tools and air tool training. Having a retractable hose reel will enable us to put away our supply air quickly, preventing tripping hazards but enabling quick access to air when needed.	Robert Hunton	Yes	Bre	Bret Murphy
10 CTE Instrumentation	Fluke 773 Process meter.	2	\$ 1,12	9.00 \$	2,258.00		CTE Instrumentation Technology (Laura Gallegos): 1.2.7	This meter is to instrumentation what an amp clamp is to the electrical field. It enables the student/technician to be able to read the 4-20 milliamp control current without breaking the circuit of the control loop. This enables real time feedback on as many devices loops as one wants to observe without disturbing the process. Its value is even greater in that it enables a student to calibrate or span-100 percent without risking a short circuit when live wires are dangling in the control cabinet. Furthermore, it enhances the beginning technicians/students ability to visualize what is happening in a control loop as it relates to the field earlier on in the training process because it is so fast to use.	Robert Hunton	Yes	Bre	tret Murphy
11 CTE Instrumentation	Tweco Single Cylinder Welding Cart - W4015001.	1	\$ 37	4.00 \$	374.00		CTE Instrumentation Technology (Laura Gallegos): 1.2.7	The current cart we are using is undersized and will not accommodate the storage of required welding related peripherals slowing down student training time.	Robert Hunton	Yes	Bre	Bret Murphy
12 CTE Instrumentation	Rigid compact 300 power pipe threading machine.	1	\$ 4,85	8.00 \$	4,858.00		CTE Instrumentation Technology (Laura Gallegos): 1.2.7	Instrumentation involves installation of threaded pipe fittings industry wide. The ability to thread pipe will enable the students to practice not only threading but constructing runs of plumbing. In addition to student practice activities, they will be able to use the threader to help plumb flow labs, air lines, and liquid runs throughout our lab.	Robert Hunton	Yes	Bre	Bret Murphy

SUPERVISOR

12/11/2018

13 CTE Instrumentation	RIDGID 815 Self Opening Die Head.	1 \$ 379.00 \$ 379.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	For use with pipe threading machine.	Robert Hunton	Yes	Bret Murphy
14 CTE Instrumentation	RIGID Stainless, and carbon steel threading dies.	1 \$ 300.00 \$ 300.00 \$ 63,393.00	CTE Instrumentation Technology (Laura Gallegos): 1.2.7	For use with pipe threading machine.	Robert Hunton	Yes	Bret Murphy
15 CTE Manufacturing Machining Technology	PSG 612 Surface Grinders and accessories	2 \$ 6,708.38 \$ 13,416.76	CTE Manufacturing Machining Technology (Eric Andersen): 1.1.1	Grinding is a important skill for manufacturing machining students to learn. Without surface grinders this skill will go untaught until they can be purchased.	Eric Andersen	Yes	Bret Murphy
16 CTE Manufacturing Machining Technology	Mobile Precision 3530 Lap top Computer	13 \$ 1,500.00 \$ 19,500.00	12 \$ 18,000.00 CTE Manufacturing Machining Technology (Eric Andersen): 1.1.3	These are GBC security approved laptop computers that are needed in my program to teach computer aided design, and computer aided manufacturing as well as some machining optimization software. Space is at a premium in my classroom and the computers in the main Pahrump campus are not powerful enough to run Solidwork?(CAD) and SprutCAM (CAM)	http://www.gbcnv.edu/equipmen Eric Andersen t_requests/data/CTE_Manufacturi ng_Machining_Technology/00003 .pdf	Yes	Bret Murphy
17 CTE Manufacturing Machining Technology	Solidworks CAD Software	1 \$ 3,600.00 \$ 3,600.00	1 \$ 3,600.00 CTE Manufacturing Machining Technology (Eric Andersen): 1.1.4	Solidworks is a integral class for the manufacturing machining technology program. Seats of this software are needed to teach the class, and the quote attached is for the fewest number of seats that are available from Solidworks. These seats also concer with entrance to take the Certified Solidworks Associate test or CSWA, and become certified.	t_requests/data/CTE_Manufacturi	Yes	Bret Murphy
18 CTE Manufacturing Machining Technology	CNC Mill and CNC Lathe	2 \$ 30,000.00 \$ 60,000.00 \$ 96,516.76	CTE Manufacturing Machining Technology (Eric Andersen): 1.1.3	A large portion of the Manufacturing Machining Technology program is based on CNC technology. Most of the funds for this program at this point have been used to get the program up and running for the first years/semester classes that are based on manual machining. In order to be ready to start teaching the second years classes the program needs CNC machines.	Eric Andersen	Yes	Bret Murphy
19 Diesel	Tool boxes	16 \$ 330.00 \$ 5,280.00	16 \$ 5,280.00 CTE Diesel Technology (Cliff Ferry): 3.31.5	The old tool boxes are falling apart. We have been having troubles with them locking for years and we are wasting time each day messing with them instead of working on lab projects	Earl Owen	Yes	Bret Murphy
20 Diesel	fluke 115 meters	10 \$ 140.00 \$ 1,400.00	6 \$ 840.00 CTE Diesel Technology (Cliff Ferry): 3.31.7	Some of the meters used in class are becoming problematic as they are wearing out. Also want to keep them consistent with the other meters in class	Earl Owen	Yes	Bret Murphy
21 Diesel	1234yf refrigerant machine	1 \$ 6,500.00 \$ 6,500.00	1 \$ 6,500.00 CTE Diesel Technology (Cliff Ferry): 3.31.9	We do not have the equipment to keep up with the new style of 1234yf refrigerant that is now being used.	Earl Owen	Yes	Bret Murphy
22 Diesel	hydraulic press	1 \$ 1,100.00 \$ 1,100.00	1 \$ 1,100.00 CTE Diesel Technology (Cliff Ferry): 3.3.8	The old press is worn out and needs to be replaced to work efficiently.	Earl Owen	Yes	Bret Murphy
23 Diesel	Drill Press	1 \$ 1,000.00 \$ 1,000.00	1 \$ 1,000.00 CTE Diesel Technology (Cliff Ferry): 3.3.6	With the Parump program opening they took our good drill press so we could really use another one to aid in the lab.	Earl Owen	Yes	Bret Murphy
24 Diesel	J pro software	1 \$ 1,600.00 \$ 1,600.00	CTE Diesel Technology (Cliff Ferry): 3.3.10	Bring us up to date with scanning the Detroit, Cummings, Cat, and etc manufactures diagnostic software.	Earl Owen	Yes	Bret Murphy
25 Diesel	4 post mobile lift system for heavy trucks	1 \$ 25,000.00 \$ 25,000.00	CTE Diesel Technology (Cliff Ferry): 3.3.4	To be able to lift the heavy trucks to demonstrate and work on them easier.	Earl Owen	Yes	Bret Murphy
26 Diesel	Dyno	1 \$ 160,000.00 \$ 160,000.00	CTE Diesel Technology (Cliff Ferry): 3.3.11	Replace the old dyno so we can test transmissions as well as engines. The old Dyno also does not have the capabilities of testing over 400 hp which is needed in today's market.	Earl Owen	Yes	Bret Murphy
27 Diesel	Ball Chairs	50 \$ 70.00 \$ 3,500.00 \$ 205,380.00	CTE Diesel Technology (Cliff Ferry): 3.3.12	To help kids with ADHD and to help them stay awake in the classroom.	Earl Owen	Yes	Bret Murphy
28 Electrical Systems Technology	Motor Trainers	4 \$ 52,000.00 \$ 208,000.00	1 \$ 52,000.00 CTE Electrical Systems Technology (Cliff Ferry): 4.1.2	Experience with motors and control is required for this field. Our current hardware is using 15 year old designs. We are looking to replace it with current generation equipment and computer software.	Bernard Addenbrooke	e Yes	Bret Murphy
29 Electrical Systems Technology	Automation Studios License Renewal	1 \$ 7,500.00 \$ 7,500.00	CTE Electrical Systems Technology (Cliff Ferry): 4.1.2	This software is a key component for out students to design blueprints. This is also used by other departments.	Bernard Addenbrooke	e Yes	Bret Murphy
30 Electrical Systems Technology	Siemens PLC&HMI	1 \$ 5,486.75 \$ 5,486.75	CTE Electrical Systems Technology (Cliff Ferry): 4.1.2	We are always looking for better and more effective ways to teach PLC's. Siemens offers free training to instructors and have very cost effective products for education.	Bernard Addenbrooke	e Yes	Bret Murphy
31 Electrical Systems Technology	3Phase Panels for Cubicles	16 \$ 500.00 \$ 8,000.00	CTE Electrical Systems Technology (Cliff Ferry): 4.1.2	Student need hands on experience wiring up three phase electrical panels.	Bernard Addenbrooke	Yes	Bret Murphy
32 Electrical Systems Technology	Concentric Wire Crimper	1 \$ 4,000.00 \$ 4,000.00	CTE Electrical Systems Technology (Cliff Ferry): 4.1.2	Wire termination is a critical roll in high voltage wire termination. This tool will be used to give students hands on experience.	Bernard Addenbrooke	e Yes	Bret Murphy
33 Electrical Systems Technology	Security System Trainer	1 \$ 2,000.00 \$ 2,000.00 \$ 234,986.75	CTE Electrical Systems Technology (Cliff Ferry): 4.1.2		Bernard Addenbrooke	e Yes	Bret Murphy
34 Fitness Center	Integrity D Treadmill with Discover SE3HD Console	1 \$ 9,570.00 \$ 9,570.00		.4 The treadmill is the most frequently used piece of equipment in the Fitness Center. Treadmills provide a safe and effective workout for all users. Currently, the Fitness Center only has 2 operating treadmills. During the busy evening hours, both treadmills are frequently in use. A new commercial-grade treadmill with up-to-date WiFi capability will provide students with a more enjoyable workout experience.	00002.pdf	Yes	Sonja Brown
35 Fitness Center	Integrity D Recumbent Lifecycle Bike with Discover SE3HD Console	1 \$ 5,998.57 \$ 5,998.57 \$ 15,568.57	1 \$ 5,998.57 Fitness Center (Norm Cavanaugh): 1	4 The Fitness Center's current recumbent bike is nearly twenty years old, and the resistance settings no longer operate. Recumbent bikes provide a gentle, low-impact workout for users recovering from injuries or suffering from joint discomfort. A commercial grade recumbent bike with WiFi capability will provide users with a workout that is not only safe but comfortable and enjoyable.	http://www.gbcnv.edu/equipmen Jennifer Stieger t_requests/data/Fitness_Center_/ 00003.pdf	Yes	Sonja Brown

GBC				Page 3				12
36 Health Science	SimMan 3 G	1 \$ 98,081.85 \$ 98,081.85	HSHS AAS Nursing (Cliff Ferry): 1.3	Simulated patient scenarios allow students to critically think and use clinical reasoning through real-life scenarios. This allows students to deliver quality patient care with continuous training to reduce errors and improve patient outcomes. Simulations are recommended teaching and learning strategies for students and is supported by several landmark studies. SimMan 3 G will allow for high fidelity simulation, has a realistic airway, extensive ECG library, defibrillation and pacing capabilities, allows drug administration and intraosseous infusion to help teach the critical skills of managing emergencies, becomes cyanotic, has arterial and venous bleeds, cerebral spinal fluid leaks from nose and blood leaks from ears. This will allow radiology, paramedic, and nursing students of the Health Sciences and Human Services Department to provide safe and effective patient centered care. SimMan is always used for student tours that come through the Nursing Lab. He is also used by the Health Occupational high school students and can be used for recruitment .We now have SimMan Essential that is over 10 years of and does not have the features that SimMan 3 G has.		d Yes	This equipment is vital to all of the training in nursing and EMS	Amber Donnelli
37 Health Science	Sim View System	1 \$ 23,569.69 \$ 23,569.69	1 \$ 25,000.00 HSHS AAS Nursing (Cliff Ferry): 1.3	Sim View System is an integrated debriefing solution that captures and records audio and video of simulation and other learning activities. Each simulation action can be recorded, studied, replayed and logged to give the learners every opportunity to evaluate each learning experience completely. Effective debriefing is a crucial part of learners' progress and evaluation in a simulation-based learning environment. This allows students to deliver quality patient care with continuous training to reduce errors and improve patient outcomes. Best evidence recommends videotaping each scenario so that it can be used during debriefing.	t_requests/data/Health_Science/0 0003.pdf	d Yes		Amber Donnelli
38 Health Science	Nursing Anne Simulator	1 \$ 22,105.31 \$ 22,105.31	HSHS AAS Nursing (Cliff Ferry): 1.3	Learners can safely and realistically practice core nursing skills from basic assessments and critical thinking to advanced interventions with the Nursing Anne Simulator. It is the perfect simulator to bridge the gap from low fidelity into higher fidelity simulations for nursing. The manikin can be used with the shock link system that already has been purchased. This allows the students to identify cardiac rhythms and perform defibrillation. This will be used for our ACLS class for nursing in their 4th semester and can be used for simulation if we have a problem with SimMan. Currently our lab uses the ALS manikins for skills all four semester and they are in need for replacement	http://www.gbcnv.edu/equipmen Sharon Sutherlar t_requests/data/Health_Science/0 0004.pdf	d Yes	This is a 3rd considerations but we would rather have the mon	Amber Donnelli
39 Health Sciences	IAV for HSHS 110	1 \$ 5,902.00 \$ 5,902.00	HSHS Radiology Technology Program (Cliff Ferry): 4.42	Currently, students have to come to courses on the Elko Campus. With the IAV we could allow students to participate in class from other sites. Other Health Sciences provide courses at other campuses and the department is expanding this to other programs for our students convenience and financial well being.	t_requests/data/Health_Sciences_	Yes	This would make a big impact for multiple campus sites if we were able to add this addition to radiology so that students only travel to Elko for the skills training.	Amber Donnelli
40 Health Sciences	IAV for HSHS 110	1 \$ 5,901.00	HSHS Radiology Technology Progran (Cliff Ferry): 4.42		http://www.gbcnv.edu/equipmen t_requests/data/Health_Sciences_ /00003.pdf	No	This is a duplication of #1	Amber Donnelli
41 Health Sciences	IAV for HSHS 110	1 \$ 5,901.00 \$ 149,658.85	HSHS Radiology Technology Progran (Cliff Ferry): 4.42	Currently, students have to come to courses on the Elko Campus. With the IAV we could allow students to participate in class from other sites. Other Health Sciences provide courses at other campuses and the department is expanding this to other programs for our students convenience and financial well being. We do have 2 quotes supplied by Robert Hannu	http://www.gbcnv.edu/equipmen Mary Doucette t_requests/data/Health_Sciences_ //00004.pdf	No	This is a duplication of #1	Amber Donnelli
42 Interactive Video/Classroom Technology	Floor Lectern with Wireless Mic	1 \$ 650.00 \$ 650.00	1 \$ 650.00 Interactive Video Office (Cliff Ferry): 4.2.1		Robert Hannu	Yes		Sonja Brown

			(Cliff Ferry): 4.42	allow students to participate in class from other sites. Other Health Sciences provide courses at other campuses and the department is expanding this to other programs for our students convenience and financial well being.			
41 Health Sciences	IAV for HSHS 110	1 \$ 5,901.00 \$ 149,658.85		Currently, students have to come to courses on the Elko Campus. With the IAV we could http://www.gbcnv.edu/equipmen allow students to participate in class from other sites. Other Health Sciences provide curses at other campuses and the department is expanding this to other programs for our students convenience and financial well being. We do have 2 quotes supplied by Robert Hannu		No This is a duplication of #1	Amber Donnelli
Interactive Video/Classroom Technology	Floor Lectern with Wireless Mic	1 \$ 650.00 \$ 650.00	1 \$ 650.00 Interactive Video Office (Cliff Ferry): 4.2.1	We receive numerous requests for public address setups where our large portable system is not appropriate. This combined lectern/PA system will address that concern	Robert Hannu Y	Yes	Sonja Brown
43 Interactive Video/Classroom Technology	Sony SRG-120DH 12x PTZ Desktop Camera (Silver Housing)	1 \$ 1,650.00 \$ 1,650.00	1 \$ 1,650.00 Interactive Video Office (Cliff Ferry): 4.1.1	High Definition cameras are needed for each of the lecture capture systems at the branch campuses. One currently is not in place in Ely.	Robert Hannu Y	Yes	Sonja Brown
44 Interactive Video/Classroom Technology	Dell P2219H Computer Monitor	26 \$ 180.00 \$ 4,680.00 \$ 6,980.00	4.1.1	For the HD IAV systems, the computer content in each room must run at a consistent resolution for the remote sites to see it in a 16x9 high resolution format. Currently, many of the IAV rooms are being restricted by the "standard" 4x3 desk monitors. We are requesting widescreen monitors to retrofit 7 rooms in Winnemucca, 6 in Pahrump, 5 in Ely, 2 in Battle Mountain, and 6 in Elko.	Robert Hannu Y	Yes	Sonja Brown
5 Millwright	Shaft Alignment Tool with Dial Indicator 81-141J	4 \$ 1,695.00 \$ 6,780.00	4 \$ 6,780.00 CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	These are upgraded alignment dial indicators so the millwright program will be current with industry.	Norm Whittaker Y	Yes	Bret Murphy
16 Millwright	Electric Motors for Gould Pumps	4 \$ 472.53 \$ 1,890.12	4 \$ 1,890.12 CTE Industrial Millwright Technology	These are industrial motors for the new alignment trainers we received last year. They are closer to what the students will be working on in the field when they do alignments.	Norm Whittaker Y	Yes	Bret Murphy
17 Millwright	Starrett S668CA Shaft Alignment Clamp Set With Horizontal Indicator	4 \$ 1,046.82 \$ 4,187.28		These are new upgraded dial indicators that measure shaft run out. We have been using regular indicators so this will be an upgrade to bring the millwright program up to industry standards.	Norm Whittaker Y	Yes	Bret Murphy
48 Millwright	Mag Base Indicator and Base Kit	4 \$ 520.56 \$ 2,082.24	4 \$ 2,082.24 CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	We need to buy more mag base indicators and base kits because the number of students in the millwright program is increasing.	Norm Whittaker Y	Yes	Bret Murphy
9 Millwright	Portable Torch Set (Outfit Tote w/ Cylinders)	4 \$ 323.00 \$ 1,292.00	4 \$ 1,292.00 CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	We need four portable torch sets because the classes have gotten so big we don't have enough torches for the students. Instead of buying big, heavy, expensive torches, we want the smaller portable type.	Norm Whittaker Y	Yes	Bret Murphy
0 Millwright	Mechanical Trainer 464101-00	1 \$ 45,000.00 \$ 45,000.00		Due to the growing number of students in the millwright program, we need an additional mechanical trainer so the students can have the time they need on the trainer. This will make lab assignments go more smoothly.	Norm Whittaker Y	Yes	Bret Murphy
51 Millwright	Double Station Hydraulic Trainer	2 \$ 40,160.00 \$ 80,320.00	(Cliff Ferry): 1.11.111		Norm Whittaker Y	Yes	Bret Murphy

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52 Millwright	Rotalign Touch Upgrade	1 \$ 9,490.00	\$ 9,490.00		1 \$ 9,490.0	0 CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	This is an upgrade to our current Rotalign alignment system to make it touchscreen according to new industry standards. Buying a new system would be \$26,000.	Norm Whittaker	Yes	Bret Murphy
53 Millwright	Tabalign Package w/o tablet	2 \$ 4,500.00	\$ 9,000.00			CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	This is a laser system that is compatible with the new Dell touchscreen tablets we purchased for the students. It is for basic alignments only while the Rotalign touchscreen is for advanced alignments.	Norm Whittaker	Yes	Bret Murphy
54 Millwright	Edwards 65 Ton Ironworker	1 \$ 20,000.00	\$ 20,000.00	\$ 180,041.64		CTE Industrial Millwright Technology (Cliff Ferry): 1.11.111	This is a new piece of equipment for the millwright shop which will be used in several different classes. It is a multi-tool with a steel punch, 24" flat bar shearer, angle shearer, Coper Notcher and a univeral open tooling station for adding optional tools.	Norm Whittaker	Yes	Bret Murphy
55 Theatre	Wireless mics and transmitters	5 \$ 300.00	\$ 1,500.00		5 \$ 1,500.0	0 The Institution (Cliff Ferry): 1.1	GBC theatre has just two out-dated wireless mic systems. We have been renting them from vendors for performances and those rental prices exceed the cost of owning our own. The mics are used regularly in GBC Theatre performances and by other theatre facility users.	John Rice		Tom Reagan
56 Theatre	Cyclorama Lights	5 \$ 750.00	\$ 3,750.00		5 \$ 3,750.0	0 The Institution (Cliff Ferry): 1.1	GBC's cyclorama (cyc) lights are now more than twenty years old. These will replace existing lights with LED lights, saving considerable power and enhancing theatre performances for GBC Theatre Program and other facility users.	John Rice		Tom Reagan
57 Theatre	Dimmer pack and cables	1 \$ 1,000.00	\$ 1,000.00		1 \$ 1,000.0	0 The Institution (Cliff Ferry): 1.1	The dimmer pack and cables will be used to operate new footlights and cyc lights	John Rice		Tom Reagan
58 Theatre	Footlights	4 \$ 700.00	\$ 2,800.00		4 \$ 2,800.0	0 The Institution (Cliff Ferry): 1.1	This will be an addition to the GBC Theatre lighting inventory. It will provide students and facility users with up-to-date technology, improving our lighting capabilities.	John Rice		Tom Reagan
59 Theatre	Assisted Listening device system	1 \$ 1,000.00	\$ 1,000.00	\$ 10,050.00	1 \$ 1,000.0	0 The Institution (Cliff Ferry): 1.1	GBC current "assisted listening" devices are now more than 20 years old and in disrepair. They need to be replaced in order for the facility to conform to ADA policies.	John Rice		Tom Reagan
60 Welding Technology	IR air compressor	1 \$ 8,000.00	\$ 8,000.00		1 \$ 8,000.0	0 CTE Welding Technology (Jon Licht): 3.1.2	Current air compressor doesn't have enough volume and is over 20 years old.	Steven Scilacci	Yes	Bret Murphy
61 Welding Technology	Miller XMT 304 migrunner package	5 \$ 6,500.00	\$ 32,500.00		5 \$ 32,500.0		The Miller XMT 304 is an inverter that uses less power and has newer technology.	Steven Scilacci	Yes	Bret Murphy
62 Welding Technology	Miller Dynasty 400	5 \$ 6,000.00	\$ 30,000.00		5 \$ 30,000.0	0 CTE Welding Technology (Jon Licht): 3.1.2	Currently students have to share the use of the Dynastys. More are needed for the whole class. The Dynastys have newer welding technology for GTAW.	Steven Scilacci	Yes	Bret Murphy
63 Welding Technology	Bridgeport milling machine	1 \$ 19,500.00	\$ 19,500.00	\$ 90,000.00		CTE Welding Technology (Jon Licht): 3.1.2	Current milling machine is damaged and doesn't have enough horsepower.	Steven Scilacci	Yes	Bret Murphy
64 Winnemucca Center	Winnemucca Classroom Chairs	96 \$ 156.96	\$ 15,068.16	\$ 15,068.16	96 \$ 15,068.1		The chairs in the classrooms of the Winnemucca Center are 25 years old and were part of the original build. They are now stained, damaged, and the padding is gone. These chairs are not comfortable to students and aren't conducive to student learning. We have replaced the chairs in the computer and science labs, and study areas, but the classrooms are in need of upgrade. 16 of the chairs will have castors for the Nursing classroom as appropriate for the environment. All remaining chairs will be fixed chairs for the remaining classrooms.	t_requests/data/Winnemucca_Ce nter/00002.pdf	Yes	Sonja Brown
GRAND TOTAL			\$ 1,072,733.73	\$ 1,072,733.73	\$ 299,890.3	7	+	++	++	4

Available: \$ 300,000.00 \$ 299,890.37 \$ 109.63 Allocated