

ASTE Grant 2022/2023 Request

Item	Description	Educational Value Students/Purpose	Vendor	Estimate
CVA I Training Materials	12 Veterinary Assistant Manuals	Provides each student with the appropriate resource to assist them with their Veterinary Assistant Certification	Texas Veterinary Medical Association	\$1 ,969.40
Aquaculture Cabinets	Cabinetry for Aquaculture Classroom	To replace the current aquaculture cabinets that are rotting and falling apart from the moisture. These are composite and rot resistant.	Wayne's Contact	\$55,000.00
Livestock Management Supplies	Blocking Stand and Show Rail	To provide additional livestock management skills to students for handling purposes	Sydell	\$2,500.00
Automatic Gate	Automatic gate	Provides a secure gate that is automatic using the badge system to replace the current gate between the Ag circle and heading to the back of AgSci	Wayne's Contact	\$15,000.00
Barn sill plate	Replace rotted sill on the back wall of the barn.	Maintain structural integrity of the barn structure for the safety of students.	Wayne's Contact	\$15,000.00
Small Animal Management Supplies	A variety Of small animal management supplies	Provides the small animals with enrichments and management items.	Amazon	\$1,367.00
Veterinary Medicine	Blood collection items	Provides animal science students with ample blood collection materials.	Patterson Veterinary	\$325.00
Chillers & Flow Switches	2 Chillers and 4 flow switches	Maintains the aquaculture tanks	Pentair Aquatic	\$6,200.00
Flotec Utility Pump	3 Utility Pumps	Maintains the aquaculture tanks	Farm Tek	\$2,900.00
Panels & Gates for Barn Stalls	Country Line- Wire Filled Gates: 12'x50 in (Qty 7), 4'x 50in (Qty 6) & 8'x50 in (Qty 6)	Provides for student safety while working in the barn as well as the ability to make the stalls a variety of sizes	Tractor Supply	\$4,500.00
Livestock Storage Feed Bins	10 lockable storage bins for livestock feed. 24"H x 24"W x 28" D	Prevents rodents from getting into feed bins	State Line Tack	\$2,682.00
Livestock Waterers	Add four automatic waterers in the barn	We do not have automatic waterers in the barn and these would help for all four seasons. Same waterers as outside.	Drinking Post Waterer	\$2,296.00
Plumbing for Livestock Waterers	Plumbing to install the livestock waterers	This will allow the students to focus on developing skills during class rather than maintenance tasks such as tending to frozen water buckets to make sure the underground fittings are not	Wayne's quote	\$3,000.00

		plastic. We want Brass.		
Livestock Feed Room	Rodent proof feed room in a section of a barn stall	Prevent rodents from eating the livestock feed.	Wayne's quote	\$11,000.00
Water Shut Off	Livestock water shut off	Allows the option to shutoff the water without needing to shut the whole system down.	Wayne's quote	\$1,000.00
Cab for Ag Truck	cab for F350	Cargo protection	Cap City	\$3,000.00
Window Screens	Window screen for classroom/lab space high up windows	Allow for proper ventilation without birds flying in the building	Wayne's quote	\$2,500.00
Washer & Dryer	Stacking washer & dryer	Current washer & dryer has reached its age limit.	Keith's Appliances	\$4,498.00
Barn Organization	Lockable storage cabinets, tool organizer	Allows for better barn organization	Amazon	\$2,000.00
Vertical Hydroponic System	HydroCycle Vertical NFT Lettuce & Herb System - 4" Pro 5' System and accessories	Provides additional Hydroponics and Aquaponics Systems for the Aquaponics Greenhouse as well as teaming with Hort. to increase vegetable and fruit production.	FarmTek	\$13,411.00
Plumbing supplies for Greenhouse	FW Webb supplies to link school source water to Aquaponics greenhouse.	Greenhouse has no source water. Plumbing from School to Aquaponics greenhouse is necessary.	FW Webb	\$2,000.00
Greenhouse Supplies	Variety of supplies and items for Natural Resource Products & Biotechnology class	Provides additional Classroom experiences for Natural Resource students	Amazon	\$1,700.00
Greenhouse Bench	Poly-Tex 6' Double Bench Display with Purlin, Rolling Benches & Exhaust Fan	Provides for more space to hold plants, equipment to maximize space for hanging baskets, new exhaust fan to help prevent heating of greenhouses to 120 degrees during the summer months.	Griffin	\$31,530.00
Hydroponic System for Greenhouse	HydroCycle 8' Verdcal Aeroponic Hobby System and additional supplies	Hydroponic systems to start year round vegetables for a student run in school food pantry, grow lights to help with winter production, carts to help with movement and storage of soil and plans.	FarmTek	\$14,611.00
Natural Resource Lab Kits	DNA Electrophoresis Labs. Classroom kits and supplies	Materials needed for new classes offered in 2023•24 School year (Natural Resource Products and Biotechnology).	Nasco	\$1,131.00
Stainless Steel Table	Deluxe stainless steel worktable with bottom shelf 96 x 36" plus accessories	New stainless steel table and accessories for potting room, removes the old wooden Table prone to injuries.	Utlite	\$1,753.00

Installation of Lights to greenhouse	Electrical & mechanical installation	Insults the lights	Wayne's quote	\$1,000.00
Aquarium Hoods & Accessories	A variety of aquarium hoods, LED lights, aquarium plants and accessories	Provides additional aquarium experiences for the student projects	Wet Pets Emporium	\$3,910.00
Midmark (Mason Company) Space Saver Kennels AND Cat Runs or Cat Towers	Four 4'x4' Space Saver Kennels and two 16"x36"x72" Cat Towers	Kennels will provide the ability to separate dogs when they are not In the CR with and their space saving will allow us to convert Indoor space for other purposes when dogs are not present. the cat will provide secure housing when fostering cats. but also allow for appropriate square for program owned rabbits as exercise areas as well.	Midmark (formerly Mason Company)	\$29,125.00
Cabinetry and Countertops in Veterinary Lab Space	Cabinetry and Countertops to setup mock veterinary exam and treatment areas	Will allow students to practice and apply authentic veterinary assisting and etching skills in a realistic setting. Will also allow for more secure storage of veterinary equipment such as autoclave, centrifuge, microscopes, syringes and needles, etc.	Wayne's quote from his vendor	\$16,400.00
Cement Pad	Poured cement pad for creating outdoor dog training space	Provides students with secured individualized outdoor area for training dogs during applicable classes	Wayne's quote from his vendor	\$5,400.00
Agility Equipment	Professional grade agility equipment	Provides students with industry quality obstacles and equipment for training.	Max200	\$2,800.00
Various Companion Animal and Vet Science Supplies	Supplies to support student learning objectives in animal health, companion animal, behavior and training, veterinary science and animal disease courses.	iPads will be supportive of portfolio creation with apple pencils for student to more easily create their google site portfolios, they will also be helpful for video editing for numerous video project raised dog beds for kennel maintenance and training courses, fetal dopier for pregnancy checking small animals, portable vacuums for cleaning more easily Inside of new custom cages. cameras for adding to outdoor training and animal spaces.	Amazon	\$6,800.00
Change locks for lab doors to classroom In small animal areas	Locks will be changed so that access to the classroom can be locked from the lab spaces.	Employees for animal care on weekends and holidays.	Wayne's quote	sno.oo
Canine Vet Trainer	Canine model for training students to do venipuncture,	Supports learning objectives in companion animal and vet sci courses as well as CVA skills	Reality Works	\$2,951.73

	catheterization, bladder palpation, injections and lymph node palpation	and MxCC course objectives.		
TOTAL				\$271,960.13