



OUR students...THE future

ECTOR COUNTY INDEPENDENT SCHOOL DISTRICT
Odessa, Texas

TO: Chief Financial Officer

FOR: Recommendation to Accept Donation/Gift

FROM: _____ / Ryan Merritt
Principal OR Director
_____ / CTE
School OR Department

Education Foundation of Odessa Chris, Cole
Name of Donor (if organization, please include name of president)
PO Box 951 Odessa Texas 79760
Mailing address City State Zip Code

has offered a donation or gift in the following category: Donation/Gift (describe below)

Description of Donation/Gift	Value*	Purpose of Donation
Check# 1006	\$ 100,000.00	SKYOP program implementation
	\$	
	\$	

*Values assigned for donation of equipment or services is for internal reporting purposes only. This value may not be used as an appraisal value for IRS purposes.

Permission is requested to accept this donation/gift for our school/department. The donor understands that the donation/gift will become the property of the Ector County Independent School District and will be under the jurisdiction of the school/department in accordance with School Board Policy and administrative rules and regulations. Approved donation/gift should be added to fixed assets inventory if applicable.

REMARKS: CTE (494-11-6396-00-891-11-49424)

Approval Disapproval _____ Date

Approval Disapproval Celeste Potter 4-11-24
DIRECTOR OF DEVELOPMENT Date

Approval Disapproval D. Williams 4/11/24
CHIEF FINANCIAL OFFICER Date
(The following approval required for a single donation/gift of \$10,000 or more)

Approval Disapproval _____ Date
SUPERINTENDENT OF SCHOOLS

Drone & Robotics Technology Program (Implementation) /Project Lead the Way (Sustainability) Ector County ISD Proposal

Identifying the Need

Many energy companies in the Permian Basin use automation and digitalization to improve well productivity, operational efficiency, and safety in oil and gas operations. Two of the most in-demand tool and skillsets are drones and robotics. Both tools can be used to enhance leak detection and surveillance activities in shale operations. Surveillance drones can detect oil and gas leaks, corrosion, abnormal heat sources, presence of wildlife, and road conditions. Drones provide field operations better insight into the overall condition of the assets and how the conditions change over time. Operators in the Permian Basin travel hundreds of miles to conduct surveillance tasks. Drones will reduce the number of operators on the roads, increasing the efficiency of the workforce, and reducing road safety-related risks. Drones have the potential to provide unmatched reach across the Permian Basin and superior visibility over our operated and non-operated wells. Drones are also being used in other industry sectors to include agriculture, mining, and emergency services.

The Energy industry and other high demand industry sectors in the Permian Basin need skilled employees with education and experience in robotics, programming, and engineering that comprise the field of automation. Odessa College has recently started a Bachelor's degree program in Automation to help fill this need. The Odessa College program is competitive, with a selective entry process. UTPB also has align pathways in engineering disciplines. Therefore, in order to prepare our students for continuing education and careers in the burgeoning field of automation, ECISD is proposing the implementation of a Drone and Robotics Technology CTE program of study.

Occupation

Each Career & Technical Education program of study is built upon in-demand and high wage occupations. The Drone & Robotics program will use the occupational skills and requirements for Electro-Mechanical and Mechatronics Technologists & Technicians (SOC 17-3024). O*Net Online defines Electro-Mechanical and Mechatronics Technologists & Technicians (SOC 17-3024) as follows: *Operate, test, maintain, or adjust unmanned, automated, servomechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment to observe or record visual information at sites such as oil rigs, crop fields, buildings, or for similar infrastructure, deep ocean exploration, or hazardous waste removal. May assist engineers in testing and designing robotics equipment. More information about this occupation can be found here: <https://www.onetonline.org/link/summary/17-3024.00>*

Request

This request includes a robotics module and the teacher training to empower our teachers to be able to effectively provide automation knowledge and skills to our students. In addition, having a pathway to higher education will enable at-risk students to create a vision for their future that includes graduating from high school with a high-demand skill and a foundation for further training. Teacher training, curriculum, and pre-made lessons will help teachers get the most from the system and maximize benefits for the students. This request also includes purchasing two Industrial Drones with cameras and sensors, curriculum, and classroom drones. This request also includes funding for teacher training required by Project Lead the Way in order to continue the middle and high school programs.

Budget

Item	Quantity	Cost
Industrial Drone	2	\$20,000
Classroom Curriculum & Drones	10	\$15,000
Robotics Equipment	1	\$48,500
Teacher Training (Drones, Robotics, & PLTW)	1	\$16,500
Total		\$100,00

Deborah Ottmers

From: Ryan Merritt
Sent: Thursday, April 11, 2024 3:30 PM
To: Deborah Ottmers; Celeste Potter
Cc: Charletta Washington; Dusty Baumann
Subject: RE: Signature Required - Donation for SKYOP
Attachments: Ector County ISD Quote 1480.pdf; Permian HS Drone Training Budgetary Pricing Estimate - 2-Year Essential v2.pdf; Drone_Proposal_ECISD.docx; Drone_Proposal_ECISD.docx

Hi Deborah,

I have attached three documents for supporting information.

1. Drone Proposal: This was the initial proposal to Chevron for their donation to support drones and robotics in ECISD.
2. Ector County ISD Quote from SkyOps for drones, equipment, and training.
3. PHS pricing estimate for year one and two.

The SkyOps order is the initial purchase with more to follow.

From: Deborah Ottmers <Deborah.Ottmers@ectorcountysd.org>
Sent: Thursday, April 11, 2024 3:13 PM
To: Celeste Potter <Celeste.Potter@ectorcountysd.org>; Ryan Merritt <Bradley.Merritt@ectorcountysd.org>
Cc: Charletta Washington <Charletta.Washington@ectorcountysd.org>; Dusty Baumann <Dusty.Baumann@ectorcountysd.org>; Deborah Ottmers <Deborah.Ottmers@ectorcountysd.org>
Subject: RE: Signature Required - Donation for SKYOP

Hello

I need some support for this \$100k
What is it exactly
Is this some kind of supplies
Details pls

Thanks

Deborah P. Ottmers, CPA, RTSBA
Ector County ISD CFO
802 N. Sam Houston
Odessa, TX 79761
deborah.ottmers@ectorcountysd.org
432-456-9491 office



SkyOp LLC
 5297 Parkside Dr, Suite 435
 Canandaigua, NY 14424
 (585) 598-4737
 accounting@skyop.com
 www.skyop.com



Quote

ADDRESS

Ector County ISD
 Permian HS
 Attn: Juan Correa
 1800 East 42nd Street
 Odessa, TX 79762

QUOTE # 1480

DATE 04/08/2024

EXPIRATION DATE 05/08/2024

QTY	ITEM	DESCRIPTION	UNIT COST	EXTENDED COST
1	Essential Program License Fee	Essential Drone Training Curriculum License Fee for up to 25 students per year, per school	7,500.00	7,500.00
1	Instructor Training Program - Level 2	Instructor training for Essential Drone Training Program - Level 2	5,495.00	5,495.00
1	Instructor Materials Kit	Instructor materials kit for Essential and Integrated Drone Training Program	240.00	240.00
1	Essential Program Kit Add-Ons	Additional materials for Essential Drone Training Program	58.00	58.00
13	Student Syma X5 Series Kit	Syma X5 Series student materials kit for Integrated or Essential Drone Training Program	93.00	1,209.00
24	Student FAA Test Prep Kit	FAA Test Prep student materials kit for Integrated or Essential Drone Training Program	24.00	576.00
24	Zephyr Flight Simulator License - Base	Student license for Zephyr Flight Simulator - Base Version	80.00	1,920.00
24	Orqa FPV.Ctrl Controller	Orqa FPV.Ctrl flight simulator controller for Zephyr	117.00	2,808.00
2	Flight Training Obstacles	Indoor flight training obstacle set (including shipping)	470.00	940.00
6	Syma X5 Series Battery Charger	Battery charger for Syma X5 Series	75.00	450.00
12	Ryze Tello Kit - EDU Version	Ryze Tello Kit - EDU Version	300.00	3,600.00
1	DJI Mini 4 Pro Kit	DJI Mini 4 Pro Kit	1,730.00	1,730.00
1	DJI Mavic 3 Enterprise Kit	DJI Mavic 3 Enterprise Kit	5,204.00	5,204.00
1	Pix4Dmapper Educational Classroom	Perpetual license for Pix4Dmapper Educational Classroom, use on up to 25 simultaneous devices, includes 3 years of support and updates	4,000.00	4,000.00

SUBTOTAL	35,730.00
TAX	0.00
TOTAL	\$35,730.00

Accepted By

Accepted Date



Item Description	Year 1 Unit Cost	Year 1 Quantity	Year 1 Total Cost	Year 2 Unit Cost	Year 2 Quantity	Year 2 Total Cost
Essential Program Courseware License (Up to 25 students)	\$7,500	1	\$7,500	\$2,500	1	\$2,500
Essential Program Additional Student License	\$150	0	\$0	\$75	12	\$900
Instructor Training	\$5,495	1	\$5,495	\$5,495	0	\$0
Instructor Materials Kit	\$249	1	\$249	\$249	0	\$0
Student Syma X5 Series Kit	\$93	13	\$1,209	\$93	7	\$651
Student FAA Test Prep Kit	\$23	24	\$552	\$23	24	\$552
Student Essential Program Kit Add-Ons	\$50	0	\$0	\$50	2	\$100
Student Zephyr Flight Simulator License	\$71	24	\$1,704	\$71	24	\$1,704
Student FlySky FS-i6S Flight Simulator Controller	\$83	24	\$1,992	\$83	0	\$0
Indoor Flight Training Obstacle Set (Including shipping)	\$470	2	\$940	\$470	0	\$0
Syma X5 Series Battery Charger	\$75	6	\$450	\$75	0	\$0
Ryze Tello Kit - EDU Version	\$300	12	\$3,600	\$300	0	\$0
DJI Mini 4 Pro Kit	\$1,720	1	\$1,720	\$300	1	\$300
DJI Mavic 3 Classic Kit	\$3,060	0	\$0	\$500	0	\$0
DJI Mavic 3 Enterprise Kit	\$5,184	0	\$0	\$5,184	1	\$5,184
DJI Mavic 3 Thermal Kit	\$6,345	0	\$0	\$500	0	\$0
DJI Mavic 3 Multispectral Kit	\$5,465	0	\$0	\$500	0	\$0
Pix4D Classroom License	\$4,000	0	\$0	\$4,000	1	\$4,000
Total Year 1:			\$25,411			\$15,891
Additional Expenses						
FAA Knowledge Test Fee	\$175	TBD	TBD	\$175	TBD	TBD
Computer	TBD	TBD	TBD	TBD	TBD	TBD
Autonomous Flight Apps	\$50	TBD	TBD	\$50	TBD	TBD
Adobe Creative Cloud Student License	TBD	TBD	TBD	TBD	TBD	TBD
Travel To Victor NY For Hands-On Training (5 Training Days)	TBD	1	TBD	TBD	0	TBD

Pricing subject to change.