

Catherine Pickavance

Robotics Director Galveston ISD 4115 Avenue O, 77550 <u>catherinepickavance@gisd.org</u> TOOLKIT Devan Gernert (512)731-6664 devan.gernert@toolkittech.com



Date December 21, 2022

Project Description:

TOOLKIT is proud to present pricing on our SES x Unitree Quadruped Robots for becoming a TX Regional Showcase Site. These industry-leading quadrupeds have been said to be the best Education/Training Quadruped for schools by Cornell University and include our one-of-a-kind SES curriculum package with professional development and commissioning on-site. These quadruped robots are made for the following applications, but capabilities and possibilities are endless. Applications: - R&D

- Load transport
- Inspection
- Security
- Entertainment

Juantity	SES x Unitree Quadruped Robot Options y Product Name Product Number Unit Cost Exte					
Quantity	Product Name	Product Number	Unit Cost	Extended Cost		
4	Go1 AI EDU Pro - Quadruped Robot with Education Package LIDAR and AI	SES-Go1EDU.AI	\$32,000.00	\$128,000.00		
	5kg payload quadruped robot with 1-hour battery life, 2 realtime operating systems, and 3 protection modes. 300mm x 620mm, External Power Supply: 5V, 12V, 19V					
	 (4) Foot Pressure Support Sensors (2) HDMI External Interfaces, (2) Ethernet Ports, (4) USB 3.0 Ports Joint Torque: 33.5 NM (5 Sets) Super Sensory System (4 Sets) Ultrasonic Sensor Processor: 1 Nano + (2Nano 2NX) Max Joint Velocity: 21 rad/s Outdoor Running Speed: max 3.3 m/s Quick Disassembly and Easy Maintenance Position, Speed, and Torque Commands for each motor Smart Camera (infrared stereo Depth Camera) 0.3 ~ 10m 2% error accuracy Supports Real-Time HD Videotransmission Vision-Based Autonomous Object Tracking, Confidence Display Vision-Based Autonomous Obstacle Avoidance within 0.8m of visual range Real-Time API 	A constant of the second secon				
	LiDAR 2D/3D "Human Side Follow" Feature					
	Body Recognition Depth Perception C/C++ SDK					
	1-Year Education Warranty SES Premium Digital Curriculum and Customization Success Consulting					
	Unlimited App License Includes all accessories Robot, Controller, "Follow" Clip, Feet, etc Includes suitcase carrying case, and Extra Battery					
2	Option: Remove LIDAR and AI Capabilities	-Go1Down-SES-Go1CP	-\$7,000.00	-\$14,000.00		
1	Go1 PS EDU Pro - Quadruped Robot with Education Package Python Scratch 3kg payload quadruped robot with 1-hour battery life, 2 realtime operating systems, and 3 protection modes. 300mm x 620mm, External Power Supply: 5V, 12V, 19V	SES-Go1EDU.PS	\$15,000.00	Include		
	 (4) Foot Pressure Support Sensors (2) HDMI External Interfaces, (2) Ethernet Ports, (4) USB 3.0 Ports Joint Torque: 33.5 NM (5 Sets) Super Sensory System (3 Sets) Ultrasonic Sensor Processor: 4*1.43 Ghz 128 Core 0.5T Max Joint Velocity: 21 rad/s Outdoor Running Speed: max 3.3 m/s Quick Disassembly and Easy Maintenance Smart Camera (infrared stereo Depth Camera) 0.3 ~ 10m 2% error accuracy Supports Real-Time HD Videotransmission Vision-Based Autonomous Object Tracking, Confidence Display 	Contraction of the second seco	III. 22			
	Vision-Based Autonomous Object in Jacking, confidence Display Vision-Based Autonomous Obstacle Avoidance within 0.8m of visual range "Human Side Follow" Feature 1-Year Education Warranty	E				

SES Premium Digital Curriculum and Customization Success Consulting Unlimited App License Includes all accessories | Robot, Controller, "Follow" Clip, Feet, etc Includes suitcase carrying case, and Extra Battery

1

1



On-Site Professional Development & Training	SES-PD-102	Included	Included
2-Day (unlimited instructors)			
Showcase Site Features			Included
SES Certified Regional Training at GISD facilities 1-3 times per school year			
Free accessory modules for High School AI robots (as developed)			
Industrial Maintenance			
Law Enforcement/ROTC			
Search & Rescue			
Feature GISD on SES website			
SES to provide custom curriculum development			
Dual Credit Collabortaion with local Community College			Included
SES will work with GISD and GCC to design dual credit program that allignes SES curriculum with GCC course requirements			
SES will work with GCC to provide CEU & College Credit for teachers attend GISD Professional Development Workshops			
Competitions			Included
SES, TOOLKIT Technologies will collaborate with GISD in designing a competition			
proposal through REC (Robotics Education Competitions)			
Competitions will be hosted at GISD			
Curriculum			Included
Web based curriculum (unlimited seats)			
Unlimited Lifetime Liscense with free updates for 5 years			
Yearly updated curriculum after year 5 (unlimited seats)		Included	Included
TOOLKIT "Toolbox" Support Package	TOOLKITTSP		No Charge
TOOLKIT 'White-Glove' Installation and Commissioning			
Lifetime Customer Support, Virtual and Onsite			
Dedicated TOOLKIT Representative			
Yearly Invitation Access to various TOOLKIT Workshops			

Sub-TotalSub-Total\$114,000.00All prices quotes are valid for 180 Days.FreightIncludedA 3% fee may apply for purchases made via credit card.Installation + CommissioningIncludedFOB: ShippingTotal\$114,000.00

Purchasing Cooperatives TIPS Contract #210902

IIPS Contract #210902 Central Texas Purchasing Alliance (CTPA) Contract #21-009 Region 1 Contract #000115 Region 5 Contract #2021402 Region 6 Contract #8.22 Region 7 Contract #VOCA2122 Region 8 Contract #210902 Region 11 Contract #21-071-B Region 20 Contract #18030C