

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item No.	Description	Quantity	Unit	Delivered, Weeks/Months
1	<p>AI Supercomputer for Embedded and Edge Systems (AI Supercomputer for Embedded and Edge Systems) (GPU: NVIDIA Volta Architecture with 384 NVIDIA CUDA cores and 48 Tensor Cores CPU: 6-core NVIDIA Carmel ARM v 8.2 64-bit CPU 6 MB L2+4 MBL3 DLA: 2x NVDLA Engines Memory: 8 GB 128-bit LPDDR4x51.2 GB/s Storage: microSD Camera: 2x MIPI CSI-2 D-PHY lanes Connectivity: Gigabit Ethernet, M.2 Key E (WiFi/BT included), M.2 Key M (NVMe) Display: HDMI and DP USB: 4 x USB 3.1, USB 2.0 Micro-B Others: GPIOs, I2C, I2S, SPI, UART Mechanical: 103 mm x 90.5 mm x 34 mm)</p>	4	unit	Sixty (60) calendar days
2	<p>Depth Camera (Use environment: Indoor/Outdoor Image Sensor Technology: Global Shutter Ideal range: .3 m to 3 m Depth technology: Stereoscopic Depth Field of View (FOV): 87° x 58° Minimum depth distance (Min-Z) at max resolution: ~28 cm Depth Output Resolution: Up to 1280 x 720 Depth Accuracy: <2% at 2 m Depth frame rate: Up to 90 fps RGB frame resolution: 1920 x 1080 RGB Sensor FOV (H x V): 69° x 42° RGB frame rate: 30 fps RGB sensor resolution: 2 MP RGB sensor technology: Rolling Shutter Camera Module: Intel RealSense Module D430 + RGB Camera Vision processor board: Intel RealSense Vision Processor D4 Form Factor: Camera Peripheral Connectors: USB-C* 3.1 Gen 1* Length x Depth x Height 90 mm x 25 mm x 25 mm Mounting</p>	5	unit	Sixty (60) calendar days

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	mechanism: -One 1/4 -20 UNC thread mounting point -Two M3 thread mounting points)			
3	IP Camera (Camera Image Sensor: 1/2.5" Progressive Scan CMOS Shutter Speed 1/3 s to 1/100,000 s Day and Night: IR Cut Filter Lens Focus: Fixed Lens Type: 2.8/4/6/8 mm Video Max. Resolution: 3840 x 2160 Main Stream: 50 Hz: 12.5 fps (3840 x 2160), 20 fps (3072 x 1728), 25 fps (2560 x 1440, 1920 x 1080, 1280 x 720), 60 Hz: 15 fps (3840 x 2160), 20 fps (3072 x 1728), 30 fps (2560 x 1440, 1920 x 1080, 1280 x 720) Network: Simultaneous Live View: Up to 6 channels User/Host: Up to: 32 users, 3 levels: Administrator, Operator and User Network Storage: Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS) Image Day/Night Switch: Day/Night/Auto/Schedule)	6	unit	Sixty (60) calendar days
4	Laptop (Processor: Up to 11th Gen. Intel® Core™ i7 Operating System: Windows 10 (Free upgrade to Windows 11* when available) Display: 17.3" FHD (1920 x 1080), 240 Hz, IPS-level Chipset: Intel HM570 Graphics: NVIDIA® GeForce RTX™ 3070 GPU 8 GB DDR6 Memory: 16 GB DDR4 3200 MHz Storage: 2TB NVMe PCIe Gen3x4 SSD Webcam: HD Type (30fps @720p) Keyboard: Per-Key RGB Backlight Keyboard Communication: Gb LAN (up to 2.5G) Killer ax Wi-Fi 6E + Bluetooth v5.2 Audio Jack: 1x Mic-in/Headphone-out Combo Jack I/O Ports: 3x Type-A USB3.2 Gen1 1x RJ45 1x (8k @60 Hz/4K @ 120 Hz) HDMI 1x Mini-Display Port Battery: 4-Cell 65 Battery (Whr) Dimension (WDXH): 397 mm x 284 mm x 25.9 mm Weight (With Battery) : 2.9 kg Color: Core Black)	3	unit	Sixty (60) calendar days
5	Multi-Imager Panoramic Dome Camera (Panoramic Camera Up to 8 MP Resolution (4 X 2 MP Sensors) Image Sensor: 1/1.8" Progressive Scan CMOS 4x5 mm Fixed Lenses 180° Horizontal View (Stitched Image) Ultra-Low Light,	2	unit	Sixty (60) calendar days

Slow Shutter 1 Edge Storage MicroSD Slot, 128 GB 24 VAC/PoE+ (802.3at) Audio/Alarm I/O IP66 and IK10 Protection Heater and Fan)			
***** Nothing Follows*****			

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