Additional Funding Request

VA048	CSS# 22481 WO# 11300 Asset# NA
Description of Repairs	Labor and materials to replace the CAC Reader at the Main door
Diagnosis: Initial Work Order	Main door CAC is not working. CAC reader – needs replaced
Diagnostic Fee	$0
Additional Labor Cost to Perform Repairs	$ 75 Labor $75/hr x 1
Additional Cost	$ 1250 | Veridt Biometric CAC Reader	1	$1,250.00	$1,250.00	
Total Cost of Repair	$ 1,325.00

LoCurrent Systems, LLC
3522 County Highway 11
Cooperstown, NY 13326
(607)293-7300
locurrent@gmail.com

Estimate

ADDRESS
Tidewater Inc.
6625- A Selnick Drive
Elkridge, MD 21075

ESTIMATE # 1464
DATE 11/13/2019

P.O. NUMBER
Montieth Richmond, VA Reader

	ACTIVITY	QTY		AMOUNT
11/13/2019	**Services** WO# 11300 Montieth Facility Richmond, VA VA048 Replace Card Reader Dear Ms. Lee: As per your request, LoCurrent Systems is pleased to provide a quotation to replace the nonfunctional Card Reader at the Montieth Facility in Richmond, VA. Cost Breakdown: (1) Veridt Biometric CAC Reader...........$1,250.00 Labor (1) man 1 hours @ $75.................$75.00 Total...$1,325.00 Please note: Reader to be directly replaced at the time of Gate Operator service. Nonfunctional Reader to be reclaimed for repair. Estimated service date is the week of December 2nd. The cost for the above mentioned work is $1,325.00. If acceptable, please do not hesitate to contact us. Thank you for thinking of LoCurrent Systems.	1	1,325.00	1,325.00

ACTIVITY	QTY	AMOUNT

Sincerely,

Antonietta LoRusso

| | TOTAL | **$1,325.00** |

Accepted By   Accepted Date

SCM Microsystems

90-1241-00	PACT1241-SCM-PAT1241: Physical Access Control Terminal(PACT) reader. FIPS-201/CAC reader The PACT (Physical Access Control Terminal) Product offers versatile and cost effective secure access reader solutions to protect areas such as Government and military facilities, campuses or company buildings. By offering combinations for contact and contactless smart card support, with and without PIN pad and SAM for indoor and outdoor usage SCMs PACT family offers unique secure solutions supporting requirements of typical access control.	$	549.25

Veridt Inc.

The NEW Stealth Series offers all of the functionality and capability of MultiMode™ design architecture including multiple communications options, secure communications for high assurance, multi-authentication modes in an IP 65 rated compact housing. The readers can be configured to operate a preset mode for 1, 2 or 3 factor authentication or connect to a Galaxy DSI via RS485 and the authentication mode can be dynamically selectable though System Galaxy Software.

Stealth Series is now available in five configurations: a fully featured biometric model, two non-biometric models configured with either contactless only card interface or dual card interface (contactless plus contact) and now Stealth Lite versions without keypad.

900W2027	MultiMode™ Stealth Lite: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	$	533.00
900W2026	MultiMode™ Stealth: For PIV, PIV I, CAC, TWIC, ISO 14443. Compact form factor (5" X 3" X 1.5"); contactless card read interface; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	$	767.00
900W2037	MultiMode™ Stealth Dual Lite: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	$	533.00
900W2036	MultiMode™ Stealth Dual: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (5" X 3" X 1.5"); dual card read interface (contactless & contact); LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	$	767.00
900W2030	MultiMode™ Stealth Bio: For PIV, PIV I, CAC, TWIC, ISO 7816 & ISO 14443. Compact form factor (7" X 3" X 1.5"); dual card read interface (contactless & contact); fingerprint biometrics; LED's and audible signaling; metal domed backlit keypad for tactile feedback; intuitive prompting simplifies instructions to cardholder; light bar indicates access status (red/green); tamper resistant mounting with tamper switch; Wiegand and Serial interfaces; IP-65 rated. Includes 900F2120	$	1,248.00

Options for Legacy Card Types - Select as Needed

920FW0PR	MultiMode™ reader configured for legacy Prox 125KHz operation: includes sub-license, firmware and additional hardware for 125KHz operation. Specify Legacy Card. Specify reader P/N. Not available on 900W0080.	$	149.50
920FW0CL	MultiMode™ reader configured for legacy iCLASS operation: includes sub-license, firmware. Specify reader P/N. Reads card manufacturers serial number.	$	-
920FW0MF	MultiMode™ reader configured for Dual card operation with MIFARE contactless cards: includes sub-license, firmware. Specify reader P/N. Reads card serial number.	$	-

Enclosures

033-20003	Heavy Weather" Visor for Stealth Series Readers; required for outdoor operation of Stealth Bio-Reader.	$	140.40
033-20004	"Heavy Weather" Visor (Short Form) for use with Stealth Series Readers		78.00

GALAXY
CONTROL SYSTEMS

Veridt

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
Biometrics	Fingerprint				
Card Read Interface	Dual	Dual	Dual	Contactless	Contactless
PIN Entry	Keypad	Keypad	No	Keypad	No
Status Indicators	Yes + Access Light Bar	Yes + Access Light Bar	Access Light Bar	Yes + Access Light Bar	Access Light Bar
Footprint	7 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches	5.5 X 3 inches

Reader Authentication Modes		Card Only	Card + PIN	Card + Bio	Card + PIN + Bio	TWIC Modes (CAK)	PIV Modes (CAK)	PIV Modes (PKI)
Communications Interface								
Wiegand Only	(select one mode only)	X	X	X	X			
Wiegand + RS-485	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
Veridt / EWAC	Control Authentication Modes Veridt Reader Service	X	X	X	X	X	X	X
HID / PAM	Control Authentication Modes Binary Reader Service	X	X	X	X	X	X	X

Reader Authentication Options for Non-FICAM and FICAM Operation

Stealth Series Part Number	Stealth Bio 900W2030	Stealth Dual 900W2036	Stealth Lite (Dual) 900W2037	Stealth 900W2026	Stealth Lite 900W2027
NON – FICAM Operation *[Select CHUID or BIO mode]*	*●CHUID (Reads FASC-N for PIV or GUID for PIV-I)* *●In CHUID mode PACS PIN is a pass through.* *●BIO (Reads CHUID, reads INCITS 378 data file).*	*●CHUID (Reads FASC-N for PIV or GUID for PIV-I)* *●In CHUID mode PACS PIN is a pass through.*	*●CHUID (Reads FASC-N for PIV or GUID for PIV-I)*	*●CHUID (Reads FASC-N for PIV or GUID for PIV-I)* *●In CHUID mode PACS PIN is a pass through.*	*●CHUID (Reads FASC-N for PIV or GUID for PIV-I)*
Transitional Operation *[Customer Issues Credential]*	*●DESFire with Triple DES encryption (symmetric key.* *Reads Card Serial Number*	*●DESFire with Triple DES encryption (symmetric key.* *Reads Card Serial Number.*	*●DESFire with Triple DES encryption (symmetric key.* *Reads Card Serial Number.*	*●DESFire with Triple DES encryption (symmetric key.* *Reads Card Serial Number.*	*●DESFire with Triple DES encryption (symmetric key.* *Reads Card Serial Number.*
FICAM Operation *[Reads card per FICAM specification].*	*CHUID/CAK/PKI/BIO*	*CHUID/CAK/PKI*	*CHUID/CAK*	*CHUID/CAK*	*CHUID/CAK*

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Specifications

Model Name	Stealth Bio	Stealth Dual	Stealth Lite (Dual)	Stealth	Stealth Lite
Part Number	9000W2030	900W2036	900W2037	900W2026	900W2027
Configuration	MultiMode™ Stealth Design Architecture				
Biometric	Fingerprint	No	No	No	No
Keypad	Illuminated with tactile feedback		No	Illuminated with tactile feedback	No
Status Indicators	LED & Light Bar		Light Bar	LED & Light Bar	Light Bar
Card Read Interface	Dual: Contactless & Contact			Contactless	
Transmit Frequency & Standards	ISO 14443 (13.56 MHz contactless with Optimized RF Tuning) & ISO 7816 (Contact)				
Communications Interface	Wiegand & RS-485 with Secure Protocols				
Credentials	MIFARE/DESFire, DESFire EV1 CAC (all versions in circulation including non-PIV formatted credentials), PIV, PIV-I, CIV (PIV-C) TWIC, FRAC				
Authentication Modes	Card Only ,Card+PIN, Card+BIO,Card+PIN+Bio	Card Only, Card+PIN	Card Only	Card Only, Card+PIN	Card Only
High Assurance Modes	CHUID/CAK/PKI	CHUID/CAK/PKI	CHUID/CAK	CHUID/CAK	CHUID/CAK
High Assurance System Requirements	Veridt EWAC (900M2000) or HID PAM (M2000)				
Dimensions	18.0cmX7.5cmX4.0cm 7.1"X2.9"X1.5"	14cmX7.5cmX4cm 5.5"X2.9"X1.5"			
Weight	454gm 1.0 lb.	320gm 0.70 lb.			
Mounting	Single Gang Size				
Color	Black				
Housing Material	Polycarbonate Blend: meets all ISO, UL & IES requirements				
Power Requirements	12V at 400ma	12V at 300ma			
Operating Temperature	-40° to +158° F (-40° to +70° C)				
Operating Humidity	5% to 95% relative humidity				
Environmental	IP 65 rated				
Wiring Connection	Custom connector (no pigtail)				
Cabling	For Wiegand only - six conductor; For RS-485 half duplex with Wiegand - eight conductor; For RS485 full duplex only - eight conductor.				
Certifications	GSA APL-2, UL 294, FCC Certification (US), IC (Canada), CE (EU)				
Warranty	18 months				