

reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:

- i. The Natural Resources and Environmental Protection Act.
- ii. A persistent and knowing violation of the Michigan Consumer Protection Act.
- iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Bidder understands that the City reserves the right to accept any or all bids in whole or part and to waive irregularities in any bid in the best interest of the City. The bid will be evaluated and awarded on the basis of the best value to the City. The criteria used by the City may include, but will not be limited to: ability, qualifications, timeframe, experience, price, type and amount of equipment, accessories, options, insurance, permits, licenses, other pertinent factors and overall capability to meet the needs of the City. The City is sales tax exempt – Government.

Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by:

Todd Cornelius
Signature

Cornelius Systems Inc
Company Name

Todd Cornelius President/CEO
Name and Title (Print)

3966 11 mile Rd
Company Address

248-545-5558 248-545-5557
Phone Fax

Berkley MI 48072
City, State, Zip

Corporation
Sole proprietorship/partnership/corporation
Michigan
If corporation, state of corporation



Glory Global Solutions/Diebold Authorized Sales and Service
3966 11 Mile Road, Berkley, MI 48072
877.545.5558 /877.545.0022 (Fax)

September 20, 2015

The City of Traverse City
Office of the City Manager
Second Floor Governmental Center
400 Boardman Avenue
Traverse City Michigan 49684

Attn: Julie Dalton, Purchasing Agent

Attached are documents for the bid quote on the Glory Model Mach-6 Coin Sorter and the Ihunter Denomination Recognition Currency counter that meet the all of the stated requirements for your request for Bid dated, September 08, 2015.

The hardware price quote for the Glory Mach-6 Coin Sorter and Ihunter Currency Counter is summarized as follows and reflects the pricing quote submitted back in January 2015.

Item #1: Glory Mach-6 Coin Sorter purchase price of \$6,520.00, plus \$185.00 freight charges for a Total Cost of: \$6,705.00. The Mach-6 coin sorter has a magnet kit and will catch most of the Canadian coin before entering into the machine for counting.

Note: One Optional Security Stand with key locking doors at additional price of \$420.00, which must be ordered at the same time as the initial order for the Mach-6 coin sorter.

Item #2: Ihunter Denomination Recognition Currency Counter purchase price of \$2,995.00, plus freight charges of \$30.00, for a total cost of: \$3,025.00. The Ihunter will reject Canadian Currency into the reject pocket of the Ihunter for counting by the operator by hand.

Item #3: Annual Maintenance Agreement for both pieces of equipment to take effect 90 days from date of equipment installation, upon expiration of manufacturer's factory warranty. The price of the annual maintenance agreement is: \$1,370.00. The breakdown for the agreement is as follows: \$772.00, for the Mach-6 coin sorter and \$598.00, for the Ihunter currency counter. The maintenance agreement covers two cleanings of the equipment during the agreement year, along with replaceable parts, labor charges and travel to customer site for repair.

Item #4: Installation and Training for the operation of the equipment is included in the price of each unit.

Respectfully submitted,
David Scherle, Senior Account Executive
Cornelius Systems, Inc.
3396 Eleven Mile Road
Berkley Michigan 48072
dscherle@corneliussystems.com
Tel: (248-545-5558) Cell: (248-819-2387)

Proposal Presented To:	Traverse City Parking Services – Nicole Van Ness, Parking Administrator (231) 922-0241, Nicole@downtownTC.com
Cornelius Systems Rep:	David A. Scherle: dscherle@corneliussystems.com (248-819-2387)

Product Proposal **September 20, 2015**

Model: **Glory Mach 6 with MICS Control, EBS, RS232, USB**

Standard	Description
1. Feed	Ultra Feed Technology (Figure Eight Design for smooth jam free operations.)
2. Speed	The fastest in this price range (3000+ coins per minute)
3. Efficiency	Taken together the new Mach 6-Series gives users an edge on efficiency because coins are counted accurately and quickly...with minimal interruptions.
4. Capacity	Tilting Inspection Pan Capacity – up to 4,500 coins

Glory Mach 6 MICS Control, EBS, RS232, USB Pricing

Table 1 Pricing Structure

Price	Model with features
\$5,286.00	Mach 6 with MICS Control, EBS, RS232, USB Model #6930042
\$560.00	CUL Audit Trail Printer Model #0034695
\$165.00	(3) Three Single Coin Bagging Kits Model #0034680 (.05, .10, .25)
\$72.00	(3) Three Single Coin Drawers Model #0034682 (.01, .50, 1.00)
\$725.00	Open Stand for Bagging Model #7572070 (Locking doors for stand additional \$420.00)
\$112.00	Magnet Kit Model #0036887
\$6,920.00	Sub Total
\$ -400.00	Less Discount for multiple purchase
\$6,520.00	Net Total: and UPS shipping charges (\$155.00) are additional

With over 100 years in providing quality products for any money handling need, Glory Global Solutions is the unsurpassed leader in supplying reliable, dependable and cost effective solutions to any coin sorting equipment. Your investment, efficiency and accuracy are well protected when you buy a Glory product.

The Mach 6 Coin Sorter is fully covered for 90 days, so you can rest assured your system will endure your rigorous demands. Optional annual service contracts are available on this unit for **\$772.00 per year**. That price includes two preventative cleanings, all parts and labor. Delivery on the unit can be made within six weeks from the date of your purchase order.

Thank you for allowing us the chance to provide a great solution for your organization. Please feel free to call me with any questions.

Sincerely,

David A. Scherle,
 Senior Account Executive

“Price Quote Good for 60 Days”

GLORY



Mach[®] 6
Coin Sorter

Efficient coin processing

The Mach 6 is a mid-range use commercial grade coin sorter and counter that is fast, accurate and versatile.

Glory Global Solutions is a World Expert in cash management, delivering technology and solutions that provide security, productivity and innovation to our customers. These solutions are supported by the technical expertise of GLORY Group of Japan, the pioneer in development and manufacture of money handling machines across the financial, retail, vending machine, amusement and gaming industries for nearly 100 years.

Shown with optional printer

Across the world, Glory Global Solutions is trusted by thousands of organizations to ensure their cash is managed securely and efficiently while delivering the ultimate in productivity. 2,500 professionals, including over 1,300 service and support staff and 350 business partners cover over 128 countries delivering these solutions – wherever money moves.

Mach[®] 6 Technical Information

Glory's Mach[®] 6 is a medium use commercial grade coin processor that is fast, accurate and versatile.

Optimal speed and accuracy

- The simplicity of the patented Figure 8 technology provides optimal and accurate sorting and counting at 3,000 coins per minute.

Versatile options to meet your needs

- Coins can be sorted into drawers or bags with exact programmable bag stops.



- The optional WAVE™ Coin Authentication Technology checks coins five ways to determine authenticity, and rejects unwanted foreign coins, tokens and slugs with precision.
- For streamlined communications and consolidated reporting, the Mach 6 is equipped with the Management Information Control System™ (MICS). This provides three levels of memory and the ability to manually enter values for other media, like checks and credit cards, into your totals.
- For connectivity, choose from RS232 or USB ports to connect to other counting equipment and cash settlement systems. If loss prevention is a priority, select the optional security stand.

Speed	Up to 3,000 coins per minute
Coin size range	Diameter: 0.59" to 1.28" (15 mm to 32.5 mm) Thickness: 0.04" to 0.12" (1.0 mm to 3.0 mm)
Tilting inspection pan capacity	Up to 4,500 coins
Exact bag stops	standard
Connectivity	RS232 and USB standard
Power supply	90-264V AC, 50/60 Hz
Power consumption	140W
Basic machine (H x W x D)	11.34" x 16.73" x 21.73" (288 mm x 425 mm x 552 mm)
Basic stand (only)	27" x 25.5" x 27" (685 mm x 647 mm x 685 mm)
Security stand (H x W x D)	27" x 28" x 31" (685 mm x 711 mm x 787 mm)
Weight	47.1 lbs (21.4 kg)
Security features	Lock-out security to protect operating information Battery backup in the event of a power failure
Options	WAVE™ Coin Authentication Technology Open or security stand Bag attachments Inspection pan magnet kit Remote display Thermal printer Tokens (subject to review)



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2441 Warrenville Road, Suite 100
Lisle, IL 60532 USA
T +1 (800) 527-2638 F +1 (630) 577-1217
info@us.glory-global.com www.gloryglobalsolutions.com

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GLORY

Product **SNAPSHOT**

Mach 6 Coin Sorter

- **Mach 6 Performance Characteristics**

- Midrange to high volume applications
- Largest selling coin sorter in U.S. and globally
- Sorting speeds up to 3000 CPM
- Tilting inspection tray
- Printer is optional, but recommended
- Configurable
 - Tabletop with coin drawers
 - Floor stand with or without security enclosure

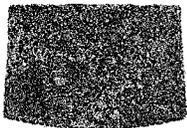


- **Performance for Mid-Range Coin Sorting Applications**

- Count/sort consumer and commercial coin deposits
- Count/sort teller drawer coins at day-end
- Charge fee for service, if desired
- Bag coins for outbound shipment in full Fed bags
- **WAVE™ Coin Authentication** is optional

- **Key Selling Messages...**

- The MACH 6 from Glory, with its patented Figure 8 sorting technology, will provide outstanding performance in most branch coin processing applications and enable you to better meet the needs of your consumer and commercial clients, while also minimizing the impact of coin processing on your staff.



- **Award-Winning Design:** The MACH 6 offers an award-winning design that offers both conveniences for the operator and an attractive appearance that complements any décor.
- **Sort & Count Coins:** The MACH 6 sorts and counts coins at 3,000 coins per minute, fast enough to for consumer and most commercial coin deposits. Equipped with a printer, you can provide a transaction receipt to all customers and also assess a service fee for processing at your option.
- **Simplicity:** The MACH 6 with its redesigned keyboard and LCD display is simple to use, ideal for a multiple user environment such as the branch. Reduced time for your staff to complete back office tasks, means more time to dedicate to customer-facing activities.
- **Low Staff Impact:** The MACH 6 uses Glory's patented Figure 8 design, which is highly impervious to coin jams resulting from bent or mutilated coins or non-coin debris often mixed in with the coins. In the case of a coin jam, recovery is also simple and fast. With Glory's optional **WAVE technology, which is designed to be "continuous cleaning,"** the impact on your staff for routine cleaning and maintenance chores will be greatly reduced.
- **WAVE™ Coin Authentication:** With Glory's patented WAVE technology, you can reliably off-sort unwanted coins, tokens, and slugs at high speed with no degradation of counting process. WAVE will help you reduce the chance of losses, due to these items, which are often found within the coin mix. **WAVE is an option on the MACH 6.**



WAVE™
coin authentication technology

Glory Global Solutions, Inc. | Marketing Department | 2441 Warrenville Road | Lisle, Illinois 60532 | 800-527-2638 | www.gloryglobalsolutions.com

We Secure the Future

Proposal Presented To:	Traverse City Parking Services – Nicole Van Ness, Parking Administrator (231) 922-0241, Nicole@downtownTC.com
Cornelius Systems Rep:	David A. Scherle: dscherle@corneliussystems.com (248-819-2387)

Product Proposal September 20, 2015



IHunter Denomination Recognition Currency Counter

Table 1 Confidential Pricing Structure

Your Price	Model with features
\$3,295.00	Model IHunter Currency Discrimination Counter
\$-300.00	Less Credit for multiple purchase
\$2,995.00	Net Total: and UPS shipping charges (\$30.00) are additional

IHunter Specifications	
Pockets:	1 pocket and 1 reject
Main Pocket Capacity:	200 notes (circulated notes)
Reject Pocket Capacity:	Max. 90 notes (circulated notes)
Hopper capacity:	300 notes (circulated notes)
Counterfeit Detection:	UV, FL, MG (Magnetic Thread Detection), IR
Dimension (mm):	330 (W) X 350 (D) X 370 (H)
Weight:	Approx. 16Kg
Speed – Denomination Count:	1,000 notes/min
Speed – Piece Count:	Max. 1,500 notes/min

The IHunter Currency Counter/Discriminator provides multiple counterfeit detection piece counting, and a discriminator feature that provides high speed denomination recognition. This currency counter is fully covered for 90 days, so you can rest assured your system will endure your rigorous demands.

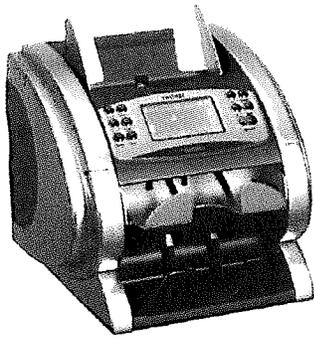
Annual service contracts are available on this unit for \$598.00 per year. That price includes two cleanings, all parts and labor. Delivery on unit can be made within two weeks from the date of your order.

Thank you for allowing us the chance to provide a great solution for your organization. Please feel free to call me with any questions.

Sincerely,

David A. Scherle
 Senior Account Executive

“Price Quote Good for 60 Days”



*i*HUNTER Series

Currency Counters / Discriminators

● Currency Discrimination Counter with Image Processing Technology

iHunter uses advanced image processing technology, so iHunter can discriminate banknote currency more accurately and precisely. iHunter has 4 types of discrimination mode as following.

- Mixed mode : identifies mixed denomination bills quickly and provides total value and piece count
- Single mode : counts a specific denomination and classifies all others to the reject pocket
- Separation mode : recognizes the first banknote and separates different denominations to the reject pocket
- Direction mode : processes all the notes "faced and oriented" and rejects all others

● Excellent Counterfeit Detection

iHunter carries high levels of counterfeit detection with UV, FL, IR and Superior Magnetic Detection system. Most suspect notes will not escape this advanced detection technology.

● Large Easy-to-read LCD Display

Easy-to-read LCD display shows variety information at the same time and provides convenient graphic user interfaces.

● Non-stop Throughout

iHunter's feed mechanism ensures non-stop throughout for variety of functions.

- identifies mixed denomination bills quickly and provides total value and piece count.
- counts a specific denomination and classifies all others to the reject pocket.
- recognizes the first banknote and separates different denominations to the reject pocket.
- process all the notes "faced and oriented" and rejects all others.

● Other Features

- Low noise
- Easy software upgrade
- Easy maintenance
- Desktop type
- Graceful design
- Clear note path with Easy access

● Technical Specification

Available currencies	EURO, USD, LOCAL(OPTION)		
Dimensions(mm)	330(W) X 350(D) X 370(H)	Display	4.1 inch Graphic LCD
Weight	Approx. 16Kg	Denomination Detection	Full Line Image Sensor
Countable Note Size	60 X 90mm ~ 100 X 180mm	Counterfeit Detection	UV, FL, MG (Magnetic Thread Detection), IR
Countable Note Thickness	0.08 ~ 0.12mm	Speed	Denomination Count 1000 notes/min
Hopper Capacity	300 notes (circulated notes)	Piece Count	Max. 1500 notes/min
Pockets	1 pocket and 1 reject	Feed System	Roller friction system
Main Pocket Capacity	200 notes (circulated notes)	Power supply	100 ~ 240V AC, 50/60Hz
Reject Pocket Capacity	Max. 90 notes (circulated notes)	Power consumption	Max. 110 Watts

● Option

Local Currency	Max. 1currency	IR Detection	Full Line IR Sensors
External Display	LCD type for customer	Bill Printout	With RS-232 Interface for PC and external printer, Print user name
Serial Number Recognition	Max. 400 notes/min	Real Time Clock	For Local time printout

※ Please Call for us regarding Options.



MAINTENANCE AGREEMENT
 SALES - SERVICE - SUPPLIES
 ATM'S - TELLER CASH AUTOMATION
 MONEY HANDLING EQUIPMENT

REMIT TO:
 3966 11 MILE ROAD, BERKLEY, MI 48072
 p 248-545-5558 f 248-545-5557

www.corneliussystems.com

Name Traverse City Parking Services
 S Address 1 303 East Front Street
 O Address 2 _____
 L Attn. Nicole Van Ness
 D City Traverse City State MI Zip 49684
 T Tel: 231-922-241 x _____
 O Fax: _____ x _____

Name _____
 O Address 1 _____
 C Address 2 SAME
 A Attn. _____
 T City _____ State _____ Zip _____
 I Tel: _____ x _____
 O Fax: _____ x _____

ORDER DATE	EFFECTIVE DATE	PRICING VALID FOR	PAYMENT TERMS	TERM
9/20/2015	See Note Below	30 DAYS	Due Upon Receipt	12 Months

MODEL	# of PMs	DESCRIPTION OF MAINTENANCE	UNIT PRICE	QTY	TOTAL
6930042	(2) Two	Mach-6 coin Sorter - Annual Maintenance contract	\$ 772.00	1	\$ 772.00
		for Two Scheduled Service preventative maintenance			\$ -
		cleanings during year			\$ -
lhunter	(2) Two	Currency counter - Annual Maintenance contract	\$ 598.00	1.00	\$ 598.00
		for Two Scheduled Service preventative maintenance			\$ -
		cleanings during year			\$ -
***NOTE: Maintenance Contracts take effect after the					
Expiration of 90-day factory warranty from date					
of installation of equipment					

<input checked="" type="checkbox"/> Accepts: Customer agrees to place the listed equipment under this Maintenance Agreement and agrees to the terms and conditions listed on page 2.	SUBTOTAL	\$ 1,370.00
<input type="checkbox"/> Decline: Customer declines to place the listed equipment under this Maintenance Agreement and acknowledges all service calls will be considered billable calls.	TAX	EXEMPT
	TOTAL	\$1,370.00

Tax ID # _____ Tax Exempt (Attach Certificate)

SPECIAL INSTRUCTIONS: _____

Please see Terms and Conditions on Page 2

By (Print): _____
 Signature: _____
 Title: _____
 Date: _____

Cornelius Systems, Inc.
 Account Executive: David Scherle _____
 Approved by: _____ Title: _____
 Signature: _____

Maintenance Agreement Terms and Conditions

1. SERVICES.

1.1 Service Description. Cornelius Systems, Inc. ("Provider") hereby agrees to provide services to Customer as provided herein, which services will include the delivery of warranty and non-warranty hardware repair (including component repair). Repair Service includes problem diagnosis, malfunction correction, troubleshooting, parts replacement, repair verification, customer interaction and appropriate documentation of repair activities, for the equipment listed. **There will be no charge to Customer for travel, labor and parts replaced on Maintenance Calls and PM Calls.**

1.1.1 Maintenance Calls. Provider will provide Maintenance Calls for the equipment listed. Provider will perform Maintenance in such a manner as to keep equipment operating in good operating condition, and in accordance with the manufacturer's specifications. Maintenance Calls covers equipment/component malfunction/failure and includes lubrication, adjustment, labor to diagnose repair, and the replacement of any part that Provider deems necessary to the satisfactory operation of the equipment.

1.1.2 Preventative Maintenance (PM) Calls. Provider will provide PM Calls on the equipment listed and at the frequency listed. PM Calls are critical to keep equipment in good operating condition. PM Calls include cleaning, inspecting, lubrication, adjustment and the possible replacement of any part that Provider deems necessary to the satisfactory operation of the equipment.

1.1.3 Billable Service Calls. Provider will provide Billable Service Calls for "Excluded Services" requested by Customer. Provider will charge a trip charge which includes travel and labor up to ¾ hour onsite. Additional labor will be billed by the ¼ hour plus any part(s) that Provider deems necessary to the satisfactory operation of the equipment. Any parts removed and replaced by Provider become its property.

1.1.4 Service Contract Hours. For the equipment listed, the service contract hours for PM Calls, First Line and Second Line Maintenance and Billable Service Calls will be Monday through Friday, 8:00 am to 5:00 pm EST excluding holidays. A dispatch request received outside of business hours will be deemed received at the beginning of the next business day.

1.2 Excluded Services. The services to be provided under this Agreement shall exclude the following:

1.2.1 Abuse/Customer Maintenance: Service required as a result of vandalism; neglect or abuse; problems caused by Customer's personnel, third-party vendors, except one of Provider's agents or technicians. Customer Maintenance which is defined to mean minor, non-technical cleanings and repairs, such as paper jams, cash jams, receipt failures, journal failure, replenishment of supplies/consumables, removal of debris (such as paperclips and items deemed as foreign) and proper cleanings.

1.2.2 Location: Failure or fluctuation of electrical power, air conditioning or humidity control; glass breakage or damage; failure to follow operating instructions; or the failure or results of failure of interconnected equipment, including, but not limited to wiring, conduit, or voice or data transmission equipment or facilities; vermin, training locations on use of equipment; direct sunlight, excessive environmental heat.

1.2.3 Environment: Lockouts or damages caused by war, public disorder, civil disturbance, acts of terrorism, fire, burglary, blasting, mining, settling of foundations, expansion of doors or walls, or loss of combinations by non-Provider personnel; damage ordinarily covered by insurance; acts of God; electrical storms; floods.

1.2.4 Preventable Calls: Customer Preventable Calls because the equipment runs out of cash or exceeds currency limits due to no fault of Provider, or because another vendor left the equipment in maintenance mode, or depleted consumables, or any other errors caused by another vendor or Customer's employees; or if Company corrects the problem and fails to cancel the call prior to the technician arrival at the location.

1.2.5 Installation/Upgrades: Services required because of relocation, installation, de-installation or movement of equipment; changes to configuration or specifications; upgrades or installation of additional features, options or functions; major overhauls (cost of repair exceeds the cost of this contract) which will be billable and a quote can be provided.

1.2.6 Software: Any services with respect to software or firmware programming, or any damage to equipment caused by software or firmware programming (unless required to complete repair) by non-Provider personnel; unless software is covered by Provider under a separate Maintenance Agreement. Annual software license(s) in regards to the equipment listed are not covered and will be billed as a separate item.

1.2.7 Compliance: Any and all services arising out of legal or compliance requirements that would involve a change, modification or upgrade in hardware and/or software.

1.2.8 Supplies/Consumables: Any supplies/consumables or other expendable items such as die & drums, ink rolls, coin tubes, hard disks and wear items.

1.2.9 Hours: Service outside of service contract hours, or upon arrival at the service location at a scheduled or an agreed upon time, Provider's personnel have a waiting time in excess of fifteen (15) minutes before Customer or a third-party vendor arrive.

1.2.10 Add on Components: Any add on accessories, components, parts that Provider has not sold or placed on the listed equipment. Equipment coverage will be to "End of Cable" meaning from the equipment to the end of any cable or cord that was purchase with the equipment.

1.3 Parts. Customer agrees that parts used for the equipment listed will be solely provided by Provider. Provider warrant to Customer that should a Replacement Part prove defective, Provider will repair or replace defective part at no cost. Provider is authorized to use both new and refurbished parts to replace defective parts. All parts removed become the property of Provider. Provider shall make every reasonable effort to procure parts from OEM or third party parts suppliers; however, at times Provider might not be able to procure parts. In such case, Provider reserves the right to cancel coverage for a particular piece of equipment. Parts does not include any kind of supplies/consumable part such as batteries, paper, print ribbon, print heads, storage media.

2. TERM

2.1 Term, Billing and Increase. This Agreement shall become effective on the date shown as Effective Date on Page 1 and shall remain in full force and effect for the initial term of one (1) year ("Initial Term"). Upon expiration of the Initial Term, this agreement shall be automatically extended on a year-to-year basis unless Customer gives ninety (90) days written notice prior to the expiration date of the Initial Term. This agreement shall be billed on an annual basis. Provider reserves the right to increase service rates up to 4% each year.

3. Cancellation. Provider may cancel this agreement at any time. Customer may cancel this agreement with 30 day written notice. Refunds are based on the amount of service rendered and will only apply if the contract is canceled in the first six (6) months from effective date.

reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:

- i. The Natural Resources and Environmental Protection Act.
- ii. A persistent and knowing violation of the Michigan Consumer Protection Act.
- iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Bidder understands that the City reserves the right to accept any or all bids in whole or part and to waive irregularities in any bid in the best interest of the City. The bid will be evaluated and awarded on the basis of the best value to the City. The criteria used by the City may include, but will not be limited to: ability, qualifications, timeframe, experience, price, type and amount of equipment, accessories, options, insurance, permits, licenses, other pertinent factors and overall capability to meet the needs of the City. The City is sales tax exempt – Government.

Bidder agrees that the bid may not be withdrawn for a period of sixty (60) days from the actual date of the opening of the bid.

Submitted by: [Signature]
Signature

Kimberly Zappas, Account Executive
Name and Title (Print)

847-490-9312 / 847-310-4749
Phone Fax

DUNHAM SECURITY PRODUCTS
Company Name

P. O. Box 333
Company Address

Baltimore, MD 21203
City, State, Zip

Sole proprietorship/partnership/corporation
MARYLAND
If corporation, state of corporation



P.O. Box 333
Baltimore, MD 21203-0333
Office: 410-933-0800
Toll Free: 800-766-9145
Fax: 410-933-0805
www.dunbarsecurityproducts.com

October 1, 2015

TO: City of Traverse City

RE: Coin Counter Sorter Bid

We are pleased to offer then S-500 Semacon Heavy Duty Coin Sorter/Value Counter for your consideration.

The Semacon S-530 Coin Sorter / Value Counter allows users to put mixed coin in, and sort and count all five U.S. coin denominations simultaneously. The end result displays either a value count or piece count for each denomination and the total of all denominations.

Technical Summary:

Semacon's S-530 offers many functions and features in one easy-to-use machine, and has additional features to provide intelligent cash management. The control panel allows the user to toggle between piece count and value count, cycle through coin denominations, turn batch counting on or off, set batches, clear totals, and more. The S-530 is durable and dependable, with a solid metal chassis and heavy duty metal components, as well as a motorized chain driven sorting mechanism. This design is superior to gravity and rail type sorters, as it is not prone to the jamming and maintenance problems generally associated with them.

Batch stop settings are selected for each coin denomination, facilitating packaging or bagging. Batch levels accumulate independently from subtotals and grand totals, and may be cleared manually or automatically when a bag, wrapper, or drawer is full. The function may be turned off when not in use. Other functions include subtotalling / grand totaling, selective total clearing, and end of day/shift balancing. In the event of a power failure or turning off the machine, a memory backup maintains all totals and settings.

An optional integrated thermal printer is available; this enables the operator to print a detailed timed, dated receipt with current totals, grand totals or batch levels. The thermal printer paper designed for use with this equipment is sold in packages of 24 rolls.

*Printer is factory installed and must be ordered with the machine.

Optional attachments are required to package or bag (sold separately). When bagging, purchase attachment for each coin to be bagged, as well as the clamp kit. When packaging, the packaging tube and bagging attachment for each desired denomination must be purchased.

Recommended For:

The Semacon S-530 is designed to withstand heavy use in commercial sorting / counting applications, such as large retail locations, casinos, fund raising organizations, or banking institutions. It performs at the level of much larger machines, but is small enough to fit on a desktop or tabletop, allowing it to be used almost anywhere, even when space is limited.

Features

Counts up to 450 coins per minute

Simultaneously Counts, Sorts, Bags and Wraps: pennies, nickels, dimes, quarters and dollar

Coin Drawer Capacity: 150 pennies, 80 nickels, 250 dimes, 200 quarters, 80 dollars

The Most Trusted Name In Security®

Optional integrated thermal printer for printing receipts
Counting modes: Counting, Adding, Bagging, Batching, Packaging, Value Counting
Hopper capacity up to 500 coins (depends on denomination)
Features a solid metal chassis and heavy duty metal components for durability
Compact design fits almost anywhere
Features an easy to use control panel
Intelligent cash management functions: subtotaling / grand totaling, selective total clearing, end of day/shift balancing
Employs a motorized chain driven sorting mechanism not prone to the jamming and maintenance problems
Includes: AD/DC power adapter, 5 coin drawers, dust cover, cleaning brush and operating manual
Optional Accessories Available: Bagging attachments (coin sizes sold separately), packaging/wrapping attachments (coin sizes sold separately) and machine clamp kit
One year manufacturer warranty

Cost of the S-530 Coin Counter Sorter-\$1,650.00

Cost of the Packaging Attachments (Sizes 1,5,10,25 Cents and \$1)-\$35.00 each

Printer-\$425.00

Coin Wrapper Crimper Machine Crimper (for closing of Coin Tubes)-\$499.00

Crimp Heads (5 needed for each denomination)-\$45.00 each

Optional Bill Counter Semacon S-1200-\$449.00

The Semacon S-1200 Series Bank Grade Currency Counters are designed with Semacon's SmartFeed™ technology for high volume applications and are used by banks, credit unions, casinos, large retailers and other industries all over the world. Our unique SmartCount™ technology ensures the most accurate counts available in a desktop currency counter.

Ease of Use

The S-1200 Series Bank Grade Currency Counters are intended for use in high volume environments such as banks, credit unions, casinos and large retailers. They feature an intuitively designed control panel including a 10 digit keypad for batching along with buttons for commonly used features making these counters easy to operate in a variety of applications.

High Performance

These counters offer high speed counting at up to 1600 banknotes per minute and are manufactured with high performance, full duty cycle components designed to run for many years in high volume environments.

Efficiency and Reliability

Our SmartFeed™ Advanced Banknote Feed System Technology rapidly and reliably processes banknotes of all conditions ranging from very worn to brand new. Three variable counting speeds allow the operator to detect out of place denominations at the slower speed or maximize efficiency at the higher speeds.

Precision Counting Accuracy & Error Detection

The S-1200 Series Counters are engineered with Semacon's SmartCount™ intelligent banknote screening system which analyzes each banknote to detect all possible types of banknote feeding errors. This technology ensures the most accurate counts available in a desktop currency counter.

Features

Batching - 10 keys / 1-999

Memory

Hopper Capacity - 200 - 300 Notes

Stacker Capacity - 200 Notes

Note Size - From 115 x 50 mm to 175 x 85 mm

Power Source 110V / 60Hz or 220V / 50Hz - 50 W

Dimensions - (W x D x H) 10.5" x 9.75" x 9.5"

Unit Weight - 15 lbs.

One year warranty

S-500 Series

Heavy Duty Coin Sorter / Value Counter



Engineered for
Performance and Reliability.

The Semacon S-500 Series Heavy Duty Mixed Coin Sorter and Value Counter offers intelligent cash management for all five U.S. coin denominations in a durable compact design.

SEMACON

Count on one.

Heavy Duty Coin Sorter / Value Counter

Ease of Use

The Semacon S-500 Series Mixed Coin Sorter / Value Counter features an easy to use control panel while offering an extensive array of features and options for a variety of businesses including banks, casinos, retail stores and fund raising organizations.

Sorting and Counting Functions

This machine sorts and counts all five U.S. coin denominations simultaneously providing the coin count and value count for each denomination and the total of all denominations.

Intelligent Cash Management

Model S-530 provides cash management functions such as subtotaling/grand totaling, selective total clearing and end of day/shift balancing. Batch levels (bag, wrapper or drawer) may be manually or automatically cleared when full. All totals and settings are maintained in the event of a power failure or if the machine is turned off.

Flexible Batching

Model S-530 enables the operator to select batch stop settings for each denomination, typically used in bagging and packaging applications. Batch levels are accumulated independently from the subtotals and grand totals and may be cleared manually or automatically when a bag, wrapper or drawer is full. Batching may be turned off if not desired.

Bagging and Packaging Options

Bagging and packaging attachments are available for each coin denomination. When ordering packaging attachments, the corresponding bagging attachments must also be ordered. The optional mounting kit should be used when bagging.

Optional Integrated Thermal Printer

This machine is available with an optional factory installed built-in thermal printer enabling the operator to print a detailed receipt containing the current totals, grand totals or batch levels. The date and time is printed on each receipt.

Superior Sorting Mechanism

The Semacon S-500 Series Mixed Coin Sorter / Value Counter employs a motorized chain driven sorting mechanism not prone to the jamming and maintenance problems associated with gravity and rail type sorters.

Exceptional Durability

Model S-530 features a solid metal chassis and heavy duty metal components designed to withstand the heavy use found in commercial sorting and counting applications and provide years of trouble-free operation.

Compact Design

This machine is designed to provide the functionality and performance of much larger machines but in a smaller package that can easily fit on your desktop or tabletop.

Accessories Included

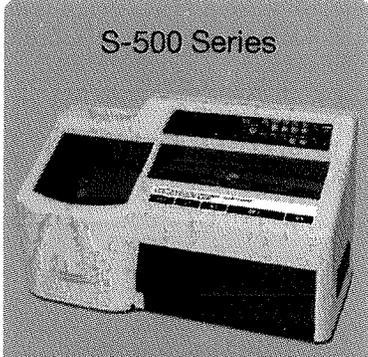
Power adapter/cord, 5 coin drawers, dust cover, cleaning brush, operating manual.

Optional Accessories

Thermal printer, bagging attachments (coin sizes sold separately), packaging attachments (coin sizes sold separately), mounting kit.

Semacon Quality Promise

All Semacon machines are extensively tested and burned in under rigorous conditions in our U.S. facility, assuring the highest possible quality and reliability.



S-500 Series

Coin Types
U.S. penny, nickel, dime, quarter, dollar

Counting Speed
450 coins per minute

Hopper Capacity
Up to 500 coins (depending on denominations)

Coin Drawer Capacity
150 pennies, 80 nickels, 250 dimes, 200 quarters, 80 dollars

Power Consumption
120VAC/60Hz @ 170mA
24VDC @ 500mA (maximum)

Dimensions
17.75"W x 8.25"D x 10"H
450 W x 210 D x 255 H mm (without accessories)

Weight
14 lbs / 6.4 kg (without accessories)

For further information or to order, please contact:

SEMACON Count on one.

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www.semacon.com

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CM-65 Series

Coin Roll Wrapper Crimping System



Engineered for
Performance and
Reliability.

Semacon Coin Roll Wrapper
Crimping Systems offer high speed,
safety and ease of use in a compact,
heavy duty design.

SEMacon™

Equipment you can count on!™

Coin Roll Wrapper Crimping System

Ease of Use

Our CM-65 Coin Roll Wrapper Crimping System is very easy to use. Merely insert the proper crimp head into the crimping system, turn on the power and press the open end of the coin roll wrapper against the head. In seconds you will have a professionally sealed coin wrapper.

Applications

Our CM-65 Crimping System is used by banks, credit unions, grocery stores, retail businesses, coin dealers and vending operators that require a professional grade seal on their rolls of coins. Professionally sealing your rolls of coins deters theft and ensures that your coins remain tightly wrapped until you are ready to use them.

High Speed

The CM-65 is designed to apply a professional closing seal to the open end of pre-crimped or flat style coin wrappers in just 2-3 seconds. This dramatically reduces the time it takes to manage and prepare rolls of coins.

Flexibility

The Crimping System will work with a variety of coin wrapper styles. However, best results are obtained with shotgun shell style pre-crimped coin wrappers.

US and International Applications

The CM-65 can be ordered with your choice of crimp head sizes and in either 110VAC/60Hz or 220VAC/50Hz power options. Crimp heads are available in sizes for US, Canadian and many other coins.

Model CM-65



Power Source:

110VAC/60Hz
or
220VAC/50Hz

Crimp Heads:

1¢, 5¢, 10¢, 25¢, 50¢,
\$1 (SBA/Golden)
Canadian \$1 (Loonie)
Canadian \$2 (Toonie)

*Optional Crimp Heads for
other coins also available*

Crimping System:

High Speed Roller
Bearing/Friction System

Additional Features:

Crimp Head/Power Cord
Storage Drawer

Other Options:

Pre-crimped Paper
Coin Wrappers

Dimensions:

9.75" W x 9" D x 11" H

Weight:

21 - 23 lbs.

For further information or to order, please contact:

SEMACON™

Equipment you can count on!™

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