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06/01/89

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AN ORDINANCE **69559**

ACCEPTING THE LOW QUALIFIED BID OF STANLEY SMITH ALARM SERVICES TO FURNISH THE CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT WITH A CCTV SECURITY SYSTEMS AT THE RIVERBEND PARKING GARAGE FOR TOTAL OF \$11,635.19.

* * * * *

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The low qualified bid of Stanley Smith Alarm Services to furnish the City of San Antonio Public Works Department with a CCTV Security System at the Riverbend Parking Garage for a total of \$11,635.19 is hereby accepted. A copy of the bid proposal is attached hereto and incorporated herein.

SECTION 2. Payment shall be made from Activity No. 23-10-06, Object Code 05-371, Index Code 351031, Fund 53.

PASSED AND APPROVED this 1st day of June, 1989.

Llew Cockrell
M A Y O R

ATTEST: *Anna J. Rodriguez*
City Clerk

APPROVED AS TO FORM: *Tom Finlay*
City Attorney

89-24

ARTS & CULTURAL AFFAIRS
AVIATION
BUDGET & RESEARCH
BUILDING INSPECTIONS
BUILDING INSPECTIONS-HOUSE NUMBERING
CITY ATTORNEY
LUIS GARCIA, MUNICIPAL COURT
REAL ESTATE (FASSNIDGE)
REAL ESTATE (WOOD)
TRIAL SECTION
CITY MANAGER
KAREN DAVIS, ASST. TO THE MANAGER
CODE COMPLIANCE
SPECIAL PROJECTS
CITY PUBLIC SERVICE
CITY PUBLIC SERVICE-MAPS & RECORDS
CITY WATER BOARD
COMMERCIAL RECORDER
COMMUNITY DEVELOPMENT (BASEMENT)
CONVENTION & VISITORS BUREAU
CONVENTION FACILITIES
DOME DEVELOPMENT OFFICE
DOWNTOWN INITIATIVES
ECONOMIC & EMPLOYMENT DEVELOPMENT (DEED)
ENVIRONMENTAL MANAGEMENT
FINANCE DIRECTOR
ASSESSOR
CONTROLLER
GRANIS
RISK MANAGEMENT
TREASURY
FIRE DEPARTMENT
HUMAN RESOURCES & SERVICES
INFORMATION RESOURCES
INTERNATIONAL RELATIONS
LIBRARY
MARKET SQUARE
METROPOLITAN HEALTH DISTRICT
MUNICIPAL CODE CORPORATION (PUBLICATION)
MUNICIPAL COURTS
PARKS & RECREATION
PERSONNEL
PLANNING
ZONING ADMINISTRATION
POLICE DEPARTMENT
PUBLIC UTILITIES
PUBLIC WORKS
CAPITAL PROJECTS MANAGEMENT
CENTRAL MAPPING
ENGINEERING
REAL ESTATE (BILL TOUDOUZE)
TRAFFIC ENGINEERING
2 PURCHASING & GENERAL SERVICES
WATER RESOURCES MANAGEMENT

ITEM NO. 8

MEETING OF THE CITY COUNCIL DATE: JUN 1 1989

MOTION BY: _____ SECONDED BY: _____

ORD. NO. 69559 ZONING CASE _____

RESOL. _____ PETITION _____

	ROLL CALL	AYES	NAYS
MARIA BERRIOZABAL PLACE 1			
JOE WEBB PLACE 2			
HELEN DUTMER PLACE 3			
FRANK D. WING PLACE 4			
WALTER MARTINEZ PLACE 5			
BOB THOMPSON PLACE 6			
YOLANDA VERA PLACE 7			
NELSON WOLFF PLACE 8			
WEIR LABATT PLACE 9			
JAMES C. HASSLOCHER PLACE 10			
LILA COCKRELL PLACE 11 (MAYOR)			

89-24

CONSENT AGENDA

**CITY OF SAN ANTONIO—
BID TABULATION**

OPENED: MAY 1, 1989

FOR: RIVERBEND GARAGE
CCTV SECURITY SYSTEM
GO/mms 89-359

ITEM	ITEM DESCRIPTION	ACCUSTRONICS INC PO BOX 100478 SAN ANTONIO, TX #8201	ADT SECURITY SYSTEMS 140 MEINER RD SUITE 100 SAN ANTONIO, TX 78232	CABLEGUARD INC. 3300 NACODOCHES #105 SAN ANTONIO, TX 78217	CHAMBERS SECURITY INC 1103 FREDERICKSBURG RD. SAN ANTONIO, TX 78201	HONEYWELL 12000 STARCREST #103 SAN ANTONIO, TX 78247	I.C.S. INTERNATIONAL CORP. SECURITY PO BOX 28485 SAN ANTONIO, TX 78228	NETWORK SECURITY BRANCHES 2391 N. E. LOOP 410 SAN ANTONIO, TX 78217	RACAL-CHUBB SECURITY SYSTEMS 1507 FREDERICKSBURG RD, SAN ANTONIO, TX 78201	STANLEY SMITH ALARM SERVICES 5421 BROADWAY SAN ANTONIO, TX 78209
1	CCTV SECURITY SYSTEM TOTAL SYSTEM COMPLETE PRICE BRAND & MODEL NO. DELIVERY TERMS	\$12,920.00 VICON 60 DAYS NET 30	\$13,651.00 AS SPEC 20 DAYS 18-10	\$15,637.00 JVC 30 DAYS NET 30	\$16,141.00 AS SPEC 45 DAYS NET 30	WITHDREW \$7402.00 VICON 60 DAYS NET 30	\$14,571.00 JVC 30 DAYS .58-10	\$17,505.83 AS SPEC 10 DAYS NET 30	\$13,499.00 AS SPEC 45 DAYS NET 30	\$11,635.19 VICON 30 DAYS NET 30
<p>BIDS WERE MAILED TO: A & A HOME SECURITY SYSTEM, ACCUSTRONICS INC, ACTIVE SECURITY, ADT, ALAMO SECURITY SYSTEM INC, ALERT SECURITY INC, AMERICAN DISTRICT TELEGRAPH CO, ANCHOR PROTECTION INC, A.P.I., CABLEGUARD INC, CHAMBERS SECURITY, CRIME CONTROL INC, D.P.I. SECURITY OFFICERS, DESIGN CONTROLS INC, GUADALUPE VALLEY COMMUNICATIONS, HONEYWELL INC, HORIZON TELEPHONE SYSTEM, INSTANT REPLAY SYSTEMS, INTERNATIONAL CORPORATE SECURITY, INTRUDER ALERT SYSTEMS, NETWORK SECURITY CITY BRANCHES, PROFESSIONAL INVESTIGATION, PROFESSIONAL SECURITY INSTALLATIONS INC, QUALITY CONTROL, RANGER AMERICAN OF TEXAS, ROLLINS PROTECTIVE SERVICES, SAN ANTONIO SECURITY, SECURITY WATCH SERVICES, SECURITY WATCH SERVICES, TOTAL SECURITY CONCEPTS, SENTEX INC, SIMPLEX TIME RECORDER CO, SONITROL SECURITY SYSTEMS, SOUTH TEXAS SAFE GUARD SECURITY INC, STANLEY SMITH SECURITY, SUNBELT ELECTRIC SERVICE, TANDEM SERVICES INC, TOTAL SECURITY CONCEPTS, TEXAS PROTECTIVE ALARM, VALLANCE SECURITY SYSTEMS, VISUAL TECHNOLOGY CORP, VISUAL TECHNOLOGY CORP, WALL INFORMATION SYSTEM CONSULTING.</p>										

(Formal)

ISSUED BY: 89-359 GO/mms	Director of Purchasing and General Services City of San Antonio, San Antonio, Texas	DATE ISSUED: APRIL 12, 1989	PAGE NO. 1	NO. OF PAGES 7
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INVITATION FOR BIDS

ACCOUNT NO.(S) 23-10-06	REQN. NO.(S) 42
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Sealed bids in Triplicate, subject to the Terms and Conditions of this Invitation for Bids and the accompanying Schedule, such other contract provisions, specifications, drawings or other data as are attached or incorporated by reference in the Schedule, will be received at the office of the City Clerk, City Hall, San Antonio, Texas until 2:00 p.m. Central Time MAY 1, 1989 and at that time publicly opened, for furnishing the supplies or services described in the accompanying Schedule. Performance deposit in the amount of NONE % of the total amount of the bid shall be furnished by the successful bidder. Re Par 11 of Terms and Conditions.

General information and instructions to bidders are contained in the terms and conditions on the reverse hereof.

SCHEDULE
RIVERBEND GARAGE
CCTV SECURITY SYSTEM

1.00 CONTRACTOR QUALIFICATIONS:

- A. The contractor shall have a local staff of trained personnel capable of giving instructions and providing routine and emergency maintenance on the newly installed equipment. The contractor must have a parts and service facility located within Bexar County.
- B. The contractor shall employ trained technicians and upon request provide service on all equipment as part of the first year warranty.

1.01 DESCRIPTION OF PROJECT:

This project includes but not limited to the purchase and installation of all listed equipment. This is replacement equipment; consequently, all existing equipment will be removed without damage and remains as property of the City.

1.02 CONTRACTOR PREPARATION:

- A. The contractor shall become familiar with construction plans, site, and City personnel and be held to have examined the same and be satisfied as to the extent of the work and as to the conditions under which contractor will be obligated to perform the work, or that will in any manner affect the work under this contract.
- B. Contractor must purchase at own expense all plans and related subject material to include manuals as stated in paragraph 1.06.

PLEASE COMPLETE THE FOLLOWING:

Delivery will be completed within 30 calendar days after acceptance by City Council (Delivery time must be shown or bids will be rejected).

Prompt Payment Discount: _____ % _____ days. (If left blank, Net 30 will apply.)

~~Bid Basis: C All or None C Low Bid C Net Blank C Low Bid with Apply XXX~~

Please check the following blanks which apply to your company:

- Ownership of firm (51% or more) Non-Minority Hispanic Black Other Minority (specify) _____ Female Owned
 Handicapped owned Small Business (less than \$1,000,000 annual receipts or 100 employees)

NAME AND ADDRESS OF BIDDER: Stanley Smith Alarm Services 5421 Broadway San Antonio, TX 78209	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID: 	DATE OF BID: 5-1-89
INDICATE STATUS: "PARTNERSHIP"; "CORPORATION"; "SOLE PROPRIETORSHIP", ETC. Corporation	TYPE OR PRINT SIGNER'S NAME, TITLE AND PHONE NUMBER. Henry L. Homrighaus, Jr. Marketing Manager 824-0564	
FOR CITY USE ONLY	AWARD	
ITEMS ACCEPTED:	ORDINANCE NO. DATE	AMOUNT

Approved: _____

CITY OF SAN ANTONIO

TERMS AND CONDITIONS OF INVITATIONS FOR BIDS

Read Carefully

1. GENERAL CONDITIONS

Bidders are required to submit their proposals upon the following express conditions:

- (a) Bidders shall thoroughly examine the drawings, specifications, schedule, instructions and all other contract documents.
- (b) Bidders shall make all investigations necessary to thoroughly inform themselves regarding plant and facilities for delivery of material and equipment as required by the bid conditions. No plea of ignorance by the bidder of conditions that exist or that may hereafter exist as a result of failure or omission on the part of the bidder to make the necessary examinations and investigations, or failure to fulfill in every detail the requirements of the contract documents, will be accepted as a basis for varying the requirements of the City or the compensation to the vendor.
- (c) Bidders are advised that all City contracts are subject to all legal requirements provided for in the City Charter and/or applicable City Ordinances, state and federal statutes. Any bid, after being opened, becomes subject to the Open Records Act, Article 6252-17a V.T.C.S.
- (d) No officer or employee of the City shall have a financial interest, direct or indirect, in any contract with the City, or shall be financially interested, directly or indirectly, in the sale to the City of any materials, supplies or service, except on behalf of the City as an officer or employee. This prohibition extends to the City Public Service Board, City Water Board, and City boards and commissions other than those which are purely advisory.

2. PREPARATION OF BIDS

Bids will be prepared in accordance with the following:

- (a) All information required by the bid form shall be furnished. The bidder shall print or type his name and manually sign the schedule and each continuation sheet on which an entry is made.
- (b) Where there is an error in extension of price, the unit price shall govern.
- (c) Alternate bids will not be considered unless authorized by the Invitation For Bids.
- (d) Proposed delivery time must be shown and shall include weekends and holidays, unless specified otherwise in Invitation For Bids.
- (e) Bidders will not include federal taxes nor State of Texas limited sales excise and use taxes in bid prices since the City of San Antonio is exempt from payment of such taxes. An exemption certificate will be signed where applicable upon request.

3. DESCRIPTION OF SUPPLIES

Any catalog or manufacturer's reference used in describing an item is merely descriptive, and not restrictive, unless otherwise noted, and is used only to indicate type and quality of material. Bidders are required to state exactly what they intend to furnish, otherwise they shall be required to furnish the items as specified.

4. SUBMISSION OF BIDS

- (a) Bids shall be closed in sealed envelopes addressed to the City Clerk, City of San Antonio. The name and address of bidder, the date and hour of the bid opening and the material or services bid shall be placed on the outside of the envelope.
- (b) Bids must be submitted on the forms furnished. Telegraphic bids will not be considered. Bids, however, may be modified by telegraphic notice provided such notice is received prior to the time and date set for the bid opening.
- (c) Samples, when required, must be submitted within the time specified, at no expense to the City of San Antonio. If not destroyed or used up during testing, samples will be returned upon request at the bidder's expense.
- (d) By submittal of this bid, bidder certifies to the best of his/her knowledge that all information is true and correct.

5. REJECTION OF BIDS

- (a) The City may reject a bid if:
 1. The bidder misstates or conceals any material fact in the bid or if,
 2. The bid does not strictly conform to law or the requirements of the bid or if,
 3. The bid is conditional, except that the bidder may qualify the bid for acceptance by the City on an "All or None" basis or a "Low Item" basis. An "All or None" basis bid must include all items upon which bids are invited.
- (b) In the event that a bidder is or subsequently becomes delinquent in the payment of his or its City taxes, including state and local sales taxes, such fact shall constitute grounds for rejection of the bid, or if awarded the bid, for cancellation of the contract. However, the City reserves the right to deduct any delinquent taxes from payments that the City may owe to the delinquent bidder as a result of such contract.
- (c) The City may, however, reject all bids whenever it is deemed in the best interest of the city to do so, and may reject any part of a bid unless the bid has been qualified as provided in 5 (a) 3 above. The City may also waive any minor informalities or irregularities in any bid, to include failure to submit sufficient bid copies, failure to sign second and/or third bid copies, failure to submit literature or similar attachments, or business affiliation information.

6. WITHDRAWAL OF BIDS

Bids may not be withdrawn after the time set for the bid opening, unless approved by the City Council.

7. LATE BIDS OR MODIFICATIONS

Bids and modifications received after the time set for the bid opening will not be considered.

8. CLARIFICATION OR OBJECTION TO BID SPECIFICATIONS

If any person contemplating submitting a bid for this contract is in doubt as to the true meaning of the specifications, or other bid documents or any part thereof, he/she may submit to the City Director of Purchasing on or before five days prior to scheduled opening a request for clarification. All such requests for information shall be made in writing and the person submitting the request will be responsible for its prompt delivery. Any interpretation of the bid, if made, will be made only by Addendum duly issued. A copy of such Addendum will be mailed or delivered to each person receiving a set of bids. The City will not be responsible for any other explanation or interpretation of the proposed bid made or given prior to the award of the contract. Any objections to the specifications and requirements as set forth in this bid must be filed in writing with the Director of Purchasing on or before five days prior to scheduled opening.

9. DISCOUNTS

- (a) Prompt payment discounts will be considered in making the award provided the period of the discount offered is sufficient to permit payment within such period in the regular course of business (minimum ten days).
- (b) In connection with any discount offered, time will be computed from the date of receipt of supplies or services or from the date a correct invoice is received, whichever is the later date. Payment is deemed to be made on the date of mailing of the check.

10. AWARD OF CONTRACT

- (a) The contract will be awarded to the lowest responsible bidder whose bid, conforming to the Invitation For Bids, is most advantageous to the City, price and other factors considered.
- (b) The City reserves the right to accept any item or group of items of this bid, unless the bidder qualifies his/her bid by specific limitations. Re Par. 5 (a) 3 above.
- (c) A written award of acceptance (manifested by a City Ordinance) mailed or otherwise furnished to the successful bidder results in a binding contract without further action by either party.
- (d) Prices must be quoted f.o.b. San Antonio with all transportation charges prepaid, unless otherwise specified in the Invitation For Bids.
- (e) Delivery time and prompt payment discounts, including time allowed for payment, will be considered in breaking of tie bids.

11. PERFORMANCE DEPOSIT

- (a) The successful bidder(s) must furnish the City of San Antonio with a performance deposit in the amount set forth in the Invitation For Bids. This deposit is not to be submitted with bid, but must be presented to the Purchasing Department upon notification.
- (b) The City of San Antonio will not enter into a contract or issue a purchase order until the successful bidder has complied with the performance deposit provisions.
- (c) The performance deposit shall be in the form of a certified check upon a state or national bank or trust company, or a check on such bank or trust company signed by a duly authorized officer thereof (checks to be drawn payable to the City of San Antonio), or a Certificate of Deposit from such bank or trust company assigned to the City of San Antonio, or an irrevocable letter of credit from a state or national bank or trust company.
- (d) The performance deposit of the successful bidder(s) shall be returned by the City upon completion of the contract and final acceptance of all items in accordance with conditions thereof.
- (e) Failure of vendor to perform any of the services required by this contract within ten days of receipt of written demand for performance from City, or failure of vendor to correct or replace defective goods or products within ten days from receipt of written demand therefor, shall constitute a total breach of this contract, and shall cause this contract to terminate. In the event of such termination the performance deposit shall be retained by the City of San Antonio as liquidated damages, based upon mutual agreement and understanding between vendor and City at the times this bid is solicited, submitted and accepted, that the City of San Antonio is a governmental agency engaged in public projects, and that the measurement of damages, which might result from a breach of the terms and specifications herein is difficult or impossible to determine. Provided, however, that if in the opinion of the Director of Purchasing and the City Manager, the failure of vendor to perform the conditions of this contract is occasioned by or is the result of acts or events over which the vendor has no control, said performance deposit may in whole or in part, as may be determined by the Director of Purchasing and the City Manager, be returned to the vendor without action by the City Council of the City of San Antonio. It is understood that such determination shall be entirely discretionary with the Director of Purchasing and the City Manager.

12. ASSURANCE OF COMPLIANCE - EQUAL EMPLOYMENT OPPORTUNITY AND SMALL AND/OR MINORITY BUSINESS ADVOCACY REQUIREMENTS

- (a) It is the policy of the City of San Antonio that Small and/or Minority Business Enterprises shall have the maximum practicable opportunity to participate in the performance of public contracts. Bidder agrees that if this bid is accepted, he/she will not engage in employment practices which have the effect of discriminating against employees or prospective employees because of race, color, religion, national origin, sex, age, handicap, or political belief or affiliation. In addition, bidder agrees, by submittal of this bid, that he/she will abide by all applicable terms and provisions of this Nondiscrimination Clause and the Small and/or Minority Business Advocacy Clause, these clauses available in the City's Department of Economic and Employment Development and the City Clerk's Office.
- (b) Bidder agrees that if this bid is accepted and deficiencies in any aspect of its employment practices and/or MBE utilization are found as a result of a review or investigation conducted by the City's Department of Economic and Employment Development pursuant to Paragraph D of the Nondiscrimination Clause, the Contractor may be required to submit a written Affirmative Action Plan to the Department of Personnel.

13. PAYMENT

The City will pay for the requested goods and/or services as promptly as possible, but in any event, no later than sixty (60) days after: 1) receipt of the goods; or 2) the day the service is complete; or 3) the day the City receives the invoice for the goods, and/or services, whichever is later.

CCTV SECURITY SYSTEM

1.03 SCOPE OF WORK:

- A. The work under this contract and the total cost must include all materials, labor, tools, equipment, services, supervision, and warranties required in conjunction with or properly incidental to completion of the entire project.
- B. All equipment will be new and installed by qualified personnel trained in the installation of this type of equipment. The vendor must provide documentation with address and phone numbers that will reflect their experience in the installation of like equipment.

1.04 EQUIPMENT LOCATIONS:

- A. New cameras (6) will be installed at following locations:
 Market Entrance
 Commerce Entrance
 Exit Booth
 Second Floor (3)
- B. VCR, monitor and associated switcher(s) and equipment will be located in attendant booth.

1.05 WARRANTY:

- A. Contractor shall warrant all provided equipment, materials, accessories, installations and associated equipment against defects in workmanship and materials for a period of one (1) year commencing from the date of "acceptance of equipment".
- B. This warranty shall take precedence over any other guarantee or warranty.
- C. During warranty period, contractor shall replace or repair all provided materials and equipment at no additional cost to the City of San Antonio if materials and/or equipment are found to be defective.

1.06 MANUALS:

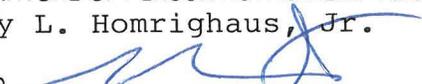
- A. Contractor shall provide service and technical manuals, parts lists, troubleshooting diagrams and procedures and associated materials for each piece of equipment.
- B. Technical maintenance manuals will include circuit diagrams of PCBs and related wiring of all installed equipment.
- C. Preventive maintenance schedules will be prepared for each type of installed equipment which contains components to check the frequency.

1.07 BIDS:

- A. This is a single bid turn-key project to include all equipment as stated, installation, fees, manuals and other associated costs. This also includes training an Electronic Technician in camera preventive maintenance and coloring adjustments and VCR upcheck.

1.08 SAFETY:

- A. The contractor is responsible to maintain a safe project at all times. Sound safety practices will be adhered too.
- B. The contractor shall take proper measures to protect adjacent property which might be injured/damaged by any process of the work in the contract. In case of injury or damage, the

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID: Henry L. Homrighaus, Jr. SIGNED 	DATE OF BID 5-1-89
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CCTV SECURITY SYSTEM

contractor shall restore at no cost, the damaged property to a condition similar or equal to the existing before such injury or damage was done to the satisfaction of the City of San Antonio.

PART 2 - EQUIPMENT

2.01 MANUFACTURERS:

Subject to compliance with requirements, provide closed circuit television system products of one of the following manufacturers:

Panasonic Industrial Company

Vicon Industries, Inc.

2.02 Major components are as listed below and further defined in subsequent paragraphs:

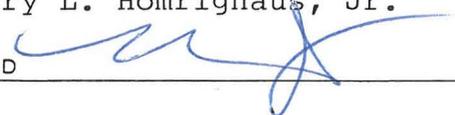
- Color cameras with accessories (6)
- Color monitor 7" (1)
- Color VCR (1)
- Camera source I.D., titler, and time/date generator (1)
- Enclosures, racks, looping terminals, etc.

2.03 COLOR CAMERAS:

A. VICON VC-285-24 1/2" Solid State Color Camera, or of equal quality.

The following characteristics and specifications apply:

- Sensitivity: 0.9 fc (10 lux) scene illumination, 50 IRE output video level.
- Resolution: Horizontal, 330 lines typical.
- Signal-to-Noise Ratio Y Channel (luminance): 47 dB (AGC off), typical.
- Shutter Mode: ON; 1/1200 second.
- Automatic Gain Control: Greater than 9 dB.
- White Balance: Switchable, indoor (3200 deg K), outdoor (5600 deg K), or automatic control (3200 deg K to 6500 deg K).
- Automatic Function: Automatic gain control.
Automatic black level clamp.
Automatic white balance control (TTL).
Automatic genlock.
- Input Power Source: 24 VAC 50/60 Hz or 11-16 V DC.
- Power Consumption: 4.0 W DC, 4.5 W AC
- Image Device: 1/2 inch interline transfer charge-coupled device.
- Picture Elements: EIA and NTSC; Approximately 250,000, 510 (H) x 490 (V).
CCIR and PAL; Approximately 290,000, 500 (H) x 582 (V).
- Scanning System: EIA and NTSC; 2:1 interlace, 525 lines, RS-170.
CCIR and PAL; 2:1 interlace, 625 lines.
- Gray Scale: 10 steps.
- Video Signal Output: Composite video 1 V p-p (140 + 10 IRE)
(0.7 V p-p video, 0.3 V p-p sync).
- Output Impedance: 75 ohms.
- Synchronization In: Composite video/composite sync/separate H & V drive.

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID Henry L. Homrighaus, Jr.	DATE OF BID 5-1-89
	SIGNED 	

CCTV SECURITY SYSTEM

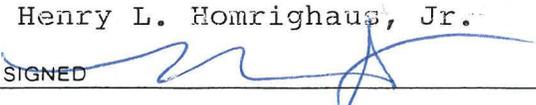
- Sync Selection: Automatic genlock. Sync is normally crystal controlled. When there is no external sync source, camera operates by internal sync. When an external sync source is connected to the camera, the camera locks automatically to the external sync source.
 - Output for Autoiris: Power; 9.0 - 10.0 V max, 100 mA, 150 mV p-p ripple max. Video signal; high impedance.
 - Lens Mount: Accepts standard C-Mount lenses.
 - Mechanical Focus: External screw adjustment with lock.
- B. All cameras shall be powered by a direct-wire transformer having a primary coil voltage of 120 VAC, secondary coil voltage of 24 VAC and a VA rating of not less than 35. Transformer shall be integrated with camera housing.
- C. All cameras shall be provided with and autoiris lens. Lens shall have focal length of 25mm with an effective aperture range of 1.4 - 360 and an minimum focusing distance of 2.0 ft. (61.0cm). Vicon V25-1.3ES, or of equal quality.
- D. All cameras shall be placed in an environmental housing. Housing shall be constructed of ribbed, extruded aluminum with injection-molded plastic end caps. Servicing of the camera/lens package is facilitated by quick release latches and a slide-out track. All wiring is located in the rear end cap, which provides cable strain relief and protection from shock hazard, Vicon V8400H-17 or equal quality.
- E. All cameras shall be mounted on an exterior wall mount with an adjustable head. Unit shall be designed for light-duty outdoor applications and shall have a load rating of 35 pounds. Vicon V2000WM and V2400AH, or of equal quality.

2.04 COLOR MONITOR:

- A. Panasonic BT-S701N 7" Color Video Monitor, or of equal quality. The following characteristics and specifications apply:
- Power Source: 120VAC, 60Hz.
 - Power Consumption: 46W
 - Screen Size: 7" diag.
 - Color System: NTSC
 - Resolution (horizontal): 230 lines.
 - Input selector: LINE/VTR
 - Video input level: VTR - 1Vp-p
LINE - 1Vp-p
 - Video output level: VTR - 1Vp-p
LINE - 1Vp-p
 - Rear panel connectors include two sets of Video (BNC) input/output jacks and External Sync input/output jacks.
 - Impedance selectors allow bridging of any or all connections. Front panel controls permit A/B input selection and mode selection which includes normal, pulse-cross underscan, and blue-only.
 - External Sync Switch: Sync input/output connectors and INT/EXT switch allow external sync to be used when internal (composite video) sync is not desired. External sync can be terminated or bridged.

2.05 VIDEO CASSETTE RECORDER:

- A. VICRON VCR400 Time-Lapse Video Cassette Recorder or of equal quality. The following characteristics and specifications apply:

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID: Henry L. Homrighaus, Jr. SIGNED 	DATE OF BID 5-1-89
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CCTV SECURITY SYSTEM

- Tape Format: VHS 1/2 in. (1.27 cm) width high-density video cassette tape.
- Tape Speed and Recording Time with T-120 Cassette:

2 hrs	@	1.31	i/s	@	Cont. Drive
24 hrs	@	0.40	s/f	@	T.L. Drive
48 hrs	@	0.80	s/f	@	T.L.
72 hrs	@	1.20	s/f	@	T.L.
168 hrs	@	2.80	s/f	@	T.L.
240 hrs	@	4.00	s/f	@	T.L.
480 hrs	@	8.00	s/f	@	T.L.
Shot	@	Manual speed	@	T.L.	

 - i/s = inches/second
 - s/f = seconds/frame
 - T.L. = Time Lapse
- Fast Forward/Rewind Time: Approx. 4.5 min with T-120 cassettes.
- Alarm Recording Time: Timed; 1 min./5 min.
Manual; until switched off

2.06 VIDEO CASSETTE RECORDER:

A. Vicon V754CTD, or of equal quality. The following characteristics and specifications apply:

- Display Format:
 - (1) 9 lines may be displayed on minitor screen at one time.
 - (2) 20 characters per line
 - (3) 6 character sizes extended capability; 7, 14, 21, 28, 42, and 56 horizontal lines high
 - (4) Normal or shaded background
 - (5) Horizontal and vertical positioning software driven
- Display Options: Enable/Display; display may be turned on or off by remote control.
Time Display; 12/24 hour format, programmable on any line.
Data Display; Domestic or European format, programmable on same line as the time or on a separate line.
Title Storage; Capacity of 48 titles (expandable to 96)
- Battery Backup; Accurate clock operation for up to four years, based on 50% on/of time.
- Memory Protection: EEPROM storage to minimize information loss during power outage.
- Signal Type: EIA RS-170
- Input Signal: lvp-p composite video
- Output Signal: lvp-p composite video
- Input Termination: 75 ohms
- Operating Voltage: 120 VAC/60 Hz
- Power Consumption: 1.5 Watts
- Backup Battery: Type 1/2 AA lithium 3.6V, 850mA
- Front Panel Controls: Program/Run switch
Size select switch
Display intensity control
Display location control

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID Henry L. Homrighaus, Jr. 	DATE OF BID 5-1-89
	SIGNED	

CCTV SECURITY SYSTEM

- Menu-select push button
- Program increment push button
- Program decrement push button

2.07 VIDEO SWITCHER SYSTEM:

Vicon V1504 Microfour switcher, or of equal quality. The following characteristics and specifications apply:

- Input Impedance: Terminating 75 ohms
- Maximum Video: 2Vp-p
- Input to Output Isolation: Typically 40dB @ 3.58MHz
- Bandwidth: 10Hz to 10MHz
- Video Gain: Unity
- Crosstalk: Typically 40dB @ 3.58Mhz
- Hum and Noise: Typically 55dB (ref to 1V rms to 3.58MHz)
- Input Voltage: 120VAC/60 Hz
- Power Consumption: 5 VA maximum
- Switching Interval: .5 to 60 seconds
- Video Connector: BNC (UG-1094)
- Dwell Setting: Front Panel mount potentiometer
- Switches: Momentary push button
- Indicators: Power (master); red LED
Hold/Scan; 4 red LED's
Pass; 4 amber LED's
- Construction: Aluminum frame, molded-plastic front panel, black polycarbonate bezel

PART 3 - INSTALLATION

3.01 GENERAL:

- A. The contractor shall conform to each component manufacturer's recommended procedures and to all applicable codes, statutes and ordinances.
- B. All installations will be performed by skilled technicians.
- C. City personnel will designate locations for camera installation and in accordance with para. 1.04. Contractor shall disconnect designated monitor currently being used inside attendant booth and which remains City property.
- D. Contractor shall ensure monitor and associated equipment and VCR have adequate ambient conditions for its specified functioning, allowing for adequate ventilation and with no condensate traps.
- E. Contractor shall permanently tag each wire and cable inside of booth.
- F. During entire installation process including final acceptance, the contractor shall maintain a clean environment.

3.02 WIRING, CABLING, INSTALLATIONS AND FITTINGS:

- A. Present wiring between cameras and monitor in booth may remain unless damaged by contractor. Provide all other necessary wires/cables as required for a complete and functioning system.
- B. Obtain and pay for any necessary electrical or other required permits and inspection fees.
- C. Perform circuit tests using qualified personnel only. Provide necessary instruments and equipment and demonstrate that:
 - 1. All circuits are continuous and free from short circuits and

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID Henry L. Homrighaus, Jr. SIGNED 	DATE OF BID 5-1-89
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grounds.

2. All circuits are free from unspecified grounds.

- D. Provide for complete grounding of all power and signal wiring in accordance with local code requirements and to ensure system integrity of operation.

3.03 DEMONSTRATION AND ACCEPTANCE TESTING:

- A. The contractor shall demonstrate to the City that all equipment has been tested and is fully functional. These demonstrations shall be performed by the contractor at no additional cost to the City.
- B. Any deficiencies noted shall be corrected by the contractor and further tests shall be scheduled with the City.
- C. The contractor shall provide full instructions and demonstrate to the City designated representatives proper methods of care, operation and maintenance of all newly installed equipment.

4.00 PRICE

\$ 11,635.19 TOTAL SYSTEM COMPLETE

BRAND & MODEL NO.: Vicon as specified

NOTE:

All items must be operationally compatible and will be awarded to one vendor only.

ADDRESS ENVELOPE:

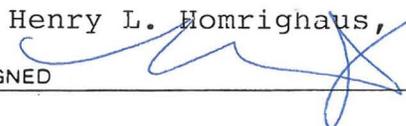
CITY CLERK
P.O. BOX 839966/ 100 MILITARY PLAZA
SAN ANTONIO, TX 78283-3966/78205

MARK ENVELOPE:

"BIDS TO FURNISH CCTV SECURITY SYSTEM"
BIDS TO BE OPENED: 2:00 P.M., MAY 1, 1989
BID NO. 89-359

REMARKS:

SEE ATTACHED

NAME OF BIDDER OR CONTRACTOR Stanley Smith Alarm Services	SIGNATURE OF PERSON AUTHORIZED TO SIGN BID: Henry L. Homrighaus, Jr. SIGNED 	DATE OF BID 5-1-89
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**RIVERBEND GARAGE CCTV SECURITY
SYSTEM
EXCEPTION TO BID SPECIFICATION
Requisition No. 42**

Stanley Smith Alarm Services has bid to specification with the following exception.

Section 2.04

A. Stanley Smith Alarm Services will supply a Vicon VM609 **nine inch color monitor**. This monitor has a nine inch CRT with 240 lines of resolution. This exceeds the specification. Specification sheet attached for review.

Section 2.07

The specification call for a Vicon V1504 Microfour switcher. This switcher will accommodate four (4) video cameras only. SSAS has bid one (1) Vicon V1504T-M Master switcher and one (1) V1504T-S Slave switcher. This configuration will accommodate eight (8) video cameras. Specification sheet attached for review.

This specification has not called for a rack kit for the Vicon V1504 Microfour switchers. SSAS has bid a Vicon VP8RK rack with blank panels. Specification sheet attached for review

**Stanley Smith Security, Inc.
Is license by**

**TEXAS BOARD OF PRIVATE INVESTIGATORS
AND PRIVATE SECURITY AGENCIES
State License No. #B-329**

REF. NOTES SUPERSEDES PRODUCT SPECIFICATION 495-986	SPEC. NO. 495	REV. 788	SEC. 3
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PRODUCT SPECIFICATION

MODELS: VM609, VM609HR,
VM609-220, AND VM609-240

PRODUCT CODES: 3530-05,
3736-05, 3530-06, AND 3530-08

DESCRIPTION: NINE-INCH
COLOR HIGH-PERFORMANCE
VIDEO MONITORS

The VM609 Series of color monitors produce high-quality pictures on a nine-inch (23-cm) screen. Resolution is either 300 lines or 240 lines at center, depending on the model. Designed primarily for CCTV, the VM609 Series accepts a standard EIA/NTSC (120-V model) or CCIR/PAL (220-V and 240-V models) color input signal.

Loop-through connectors for video are included with a switchable 75-ohm (high Z) termination. Operating controls (brightness, contrast, color, tint*, horizontal position, and vertical hold) are located behind a front-panel door to provide an uncluttered front panel appearance and also prevent accidental movement of the controls. A power switch and indicator are located on the front panel outside the front panel door for easy access.

Three power configurations are available: 120 V, 60 Hz (EIA/NTSC), 220 V, 50 Hz and 240 V, 50 Hz (both CCIR/PAL). A regulated power supply maintains excellent performance during fluctuations in line voltage.

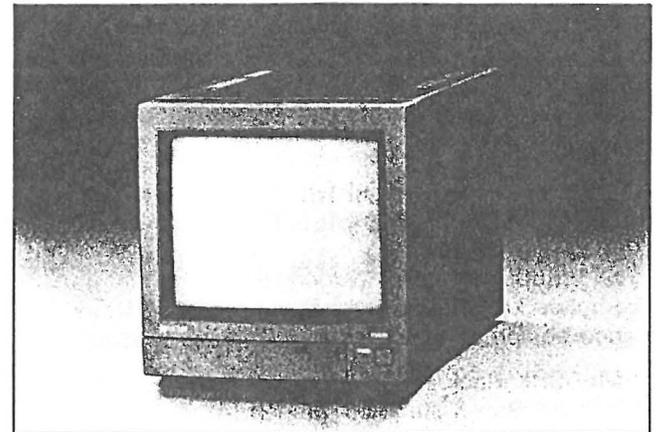
The VM609 is housed in a cast-iron-gray steel cabinet with a black bezel around the screen. Two Rack Mounting Kits, VM609RK and VM609RK-1, are available for dual and single mounting of the VM609 in a standard 19-inch (48.3-cm) rack.

*NTSC (120 V) only.

TECHNICAL INFORMATION

VIDEO

Screen Size:	9 in. (23 cm) diagonal.
Picture Tube:	A22JCM00X, 76° deflection, in-line electron guns, vertical stripe phosphor.
Horizontal Resolution:	VM609; 240 lines at center. VM609HR, VM609-220, VM609-240; 300 lines at center.
Geometric Distortion:	3% maximum.



VM609 COLOR MONITOR

Video Input Signal: Composite video, sync negative, 1 V p-p.

Video Input Impedance: 75 ohms/high impedance (switch on rear panel).

ELECTRICAL

Power Source: 120 V/60 Hz, 220 V/50 Hz,
240 V/50 Hz.

Power Consumption: 47 W (max.), 36 W (avg.).

CONTROLS AND CONNECTORS

Front Panel Controls: Power On/Off; push button.
Contrast; detented rotary control.
Brightness; detented rotary control.
Vertical Hold; rotary control.
Color; detented rotary control.
Tint (NTSC only); detented rotary control.

Rear Panel Control: Impedance; 75 ohm/high Z, slide switch.

Connectors: Video Input; BNC connector.
Video Output; BNC connector.

AC Power Input: 120 V/60 Hz; 3-conductor 18 AWG VM-1 cable with grounded plug.
220 V/50 Hz; 2-conductor 18 gauge VDE standard cable with plug.
240 V/50 Hz; 3-conductor BS approved cable. Plug not included.

MECHANICAL

Dimensions: Width; 8.78 in. (22.3 cm).
Height; 8.93 in. (22.7 cm).
Depth; 13.50 in. (34.3 cm).

Shipping Dimensions: Width; 12.00 in. (30.5 cm).
Height; 12.75 in. (32.4 cm).
Depth; 16.75 in. (42.5 cm).

Weight: 17.6 lb (8.0 kg).

Shipping Weight: 20.1 lb (9.1 kg).

Shipping Volume: 1.48 ft³ (0.042 m³).

Product specifications subject to change without notice.

ENVIRONMENTAL

Temperature: Operation; 32° F to 104° F
(0° C to +40° C).
Storage; -4° F to +149° F
(-20° C to +65° C).
Humidity: Operation; 20% to 80%,
noncondensing.

**ASSOCIATED EQUIPMENT
AND ACCESSORIES**

The VM609 interfaces (via coaxial cable) with the complete line of Vicon video switchers and other video equipment.

VM609RK Rack Kit: Permits the dual mounting of the VM609 in a standard 19-inch (48.3-cm) rack. Product Specification 517.

VM609RK-1 Rack Kit: Permits the single mounting of the VM609 in a standard 19-inch (48.3-cm) rack. Product Specification 517.

VC285-24 1/2" Solid-State Color CCD Camera: Features through-the-lens auto white correction and field integration for sharp images of moving objects. Product Specification 591.



PRODUCT SPECIFICATION

MODELS: V1504T-M, V1504T-S,
V1504L-M, V1504L-S

PRODUCT CODES: 0737-10, 0738-10,
0735-10, 0740-10

DESCRIPTION: MICROFOUR AUTO-
MATIC, MANUALLY PROGRAMMED,
MICROCOMPUTER-BASED,
DUAL-OUTPUT SWITCHERS

The MicroFour switchers are designed to provide unprecedented flexibility and expandability. Up to seven slaves with a terminated master and six slaves with a looping master can be cascaded in one PHASE EIGHT* Card Cage, providing 32 camera inputs with the terminated master and 28 inputs with the looping master. All models feature dual output, allowing the operator to select one camera position for viewing on the "hold" monitor while the switching sequence of all cameras continues on the "scan" monitor.

Dwell time for camera positions is adjustable on the master unit and can be set for a period from 0.5 to 60 seconds. Push-button operation is simple, and front panel LEDs provide constant positive system status identification.

The switchers have a built-in self-check routine. When the switcher is powered up, after all connections have been completed, the self-check routine "examines" the switching system. If problems exist in the connections, all the LEDs on the master module flash.

Switcher functions are indicated by the model number suffix. The letter T identifies the terminated or non-looping version, and L indicates that the switcher has the ability to loop out video signals to other video equipment. In addition, an -M or -S in the model number indicates master or slave circuitry. All PHASE EIGHT equipment accommodates color as well as black-and-white video input.

Each switcher is designed to provide access to a video circuit while preserving the termination of the other circuits connected to the unit. Unused circuits should be terminated with the standard 75-ohm connection to prevent picture degradation or unwanted video reflections which create "ghosts."

REF. NOTES

SPEC. NO.

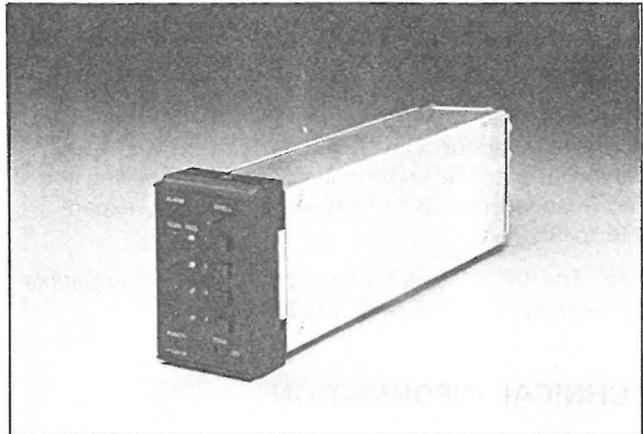
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V1504T-M MICROFOUR SWITCHER

Nonlooping switchers provide termination at each video connection. Looping switchers feature high impedance termination and provide an output connector for each video input. Since all video sources must be terminated, the outputs of a looping switcher should be terminated at some other point in the CCTV system. Systems using looping switchers redistribute the video signals, and may be connected to other switchers for scene selection at another remote site. The final device, however, must include 75-ohm termination for each camera line.

These switchers employ the vertical interval switching principle, which requires that the cameras in the system also be synchronized to the vertical interval. The sync circuits of some camera models may be locked to the AC frequency of the power lines. Correct synchronization for vertical interval switching may be accomplished by properly setting the vertical phase adjustment of all such line-locked cameras in a system. Also, an independent external sync source such as a sync generator may be used.

When the system includes a VCR, the use of synchronized cameras is highly recommended to prevent the loss of video information and to ensure the highest quality of recorded image.

Each slave module is equipped with an internal DIP switch which will be used to select the slave address. The assigned address will be from one to fifteen, and slave units will be scanned in address numerical order, regardless of the order in which they are installed.

An important feature of the circuitry is an extremely high resistance to noise from power lines. In extreme conditions, however, it is recommended to install a line filter between the power source and the line cord.

Product specifications subject to change without notice.

*Registered trademark of Vicon Industries Inc.
Manufactured under U.S. patent 4,700,230.



VICON INDUSTRIES, INC. 525 BROAD HOLLOW ROAD, MELVILLE, N.Y. 11747 TEL: (516) 293-2200 TELEX: 144581
TOLL FREE: 800-645-9116 (OUTSIDE OF NEW YORK)

Using the VEXT external sync option, the MicroFour switcher can be driven by an external sync signal. See the Technical Information table for the signal requirements.

The V1504 Series is compatible with Model V754CTD Computer-Based Camera Source ID, Titler, Time and Date Generator. The V754CTD can provide identification of a scene under surveillance by labelling the video images from up to forty-eight cameras, expandable to 96.

NOTE: The V1504 Series of switchers is not compatible with existing PHASE EIGHT V154 Switchers.

TECHNICAL INFORMATION

ELECTRICAL

Input Voltage:	105-129 V 50/60 Hz (240 V optional).
Power Consumption:	10 VA maximum.
Line Cord:	Standard 3-conductor, SV No. 18 AWG cable with grounding plug.
Fuse:	1/2 A, 3AG slo-blo (120 V model) 1/4 A, 3AG slo-blo (240 V model).
Power Line Noise Resistance:	2500 V or greater.
Electrostatic Discharge Resistance:	14,000 V or greater.
Switching Time:	Less than 20 microseconds.
Switching Interval:	0.5 to 60 seconds.

VEXT SIGNAL REQUIREMENTS

Input Pulse Level:	TTL.
Minimum Pulse Width:	10 microseconds.
Minimum Time Between Pulses:	300 milliseconds.

CONTROLS AND CONNECTORS

Video Connectors:	BNC (UG-1094).
Dwell Setting:	Front panel mount potentiometer.
Switches:	Momentary push button.
Indicators:	Power (Master); red LED. Hold/Scan; 4 red LEDs. Pass; 4 amber LEDs.

VIDEO

Input Impedance:	Terminating; 75 ohms. Looping; 10 kohm.
Maximum Video:	2 V p-p.
Input to Output Isolation:	Typically 40 dB at 3.58 MHz.
Bandwidth:	10 Hz to 10 MHz.
Video Gain:	Unity.
Crosstalk:	Typically 40 dB at 3.58 MHz.
Hum and Noise:	Typically 55 dB (ref. to 1 Vrms to 3.58 MHz).

ENVIRONMENTAL

Operating Temperature Range:	32° F to 120° F (0° C to 49° C).
Operating Humidity Range:	10% to 90% relative, noncondensing.

MECHANICAL

V1504L-M Only

Size:	Double width.
Overall Dimensions:	Height; 3.5 in. (8.9 cm). Width; 4.3 in. (10.9 cm). Depth; 10.9 in. (27.7 cm).
Weight:	30 lb. (1.4 kg).
Construction:	Aluminum frame, black molded-plastic front panel, black polycarbonate bezel.
Shipping Dimensions:	Height; 6.3 in. (16.0 cm). Width; 6.1 in. (15.5 cm). Depth; 10.0 in. (35.6 cm).
Shipping Weight:	3.5 lb (1.6 kg)..
Shipping Volume:	0.31 ft ³ (0.008 m ³).

V1504T-M, V1504T-S, V1504L-S

Size:	Single width.
Overall Dimensions:	Height; 3.5 in. (8.9 cm). Width; 2.1 in. (5.4 cm). Depth; 10.9 in. (27.7 cm).
Weight:	V1504T-M; 2.7 lb (1.2 kg). Slaves; 1.2 lb (0.5 kg).
Construction:	Aluminum frame, black molded-plastic front panel, black polycarbonate bezel.
Shipping Dimensions:	Height; 3.8 in. (9.7 cm). Width; 6.3 in. (16.0 cm). Depth; 14.0 in. (35.6 cm).
Shipping Weight:	3.1 lb (1.4 kg).
Shipping Volume:	0.20 ft ³ (0.005 m ³).

ASSOCIATED EQUIPMENT AND ACCESSORIES

Vicon offers an extensive selection of closed-circuit television monitors, cameras, and camera/lens systems in addition to its well-known selection of switchers, controls, housings, and positioning devices. It is possible to assemble an entire system from compatible Vicon CCTV products. Refer to the Vicon Product Selection Guide.

VEXT External Sync Option: For V1504 master unit switchers. Allows V1504 to be driven by external sync source.

Model V754CTD Computer-Based Camera Source ID, Titler, Time and Date Generator: Provides a means of accurately identifying a scene under surveillance by labelling the video image with a title, date, and time. See Product Specification 574.

PHASE EIGHT Racking and Desk-Top Enclosure Systems: A versatile collection allowing PHASE EIGHT modules to be mounted in EIA standard 19-inch instrument racks or in desk-top installations. Refer to Product Specifications 416, 455, and 525.

PRODUCT SPECIFICATION

MODEL: VP8RK

PRODUCT CODE: 3095

DESCRIPTION: PHASE EIGHT CARD CAGE

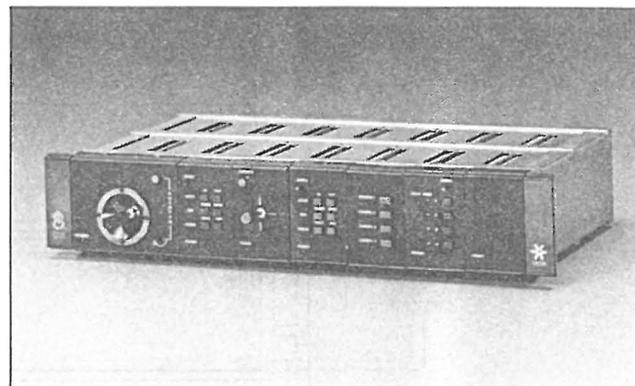
The VP8RK Card Cage is a durable and compact racking system designed especially to house up to eight single-position PHASE EIGHT® modules. The card cage features cooling vents for air circulation and guiding tracks for simple slide-in installation of the PHASE EIGHT modules. Matching snap-on end caps are furnished with the VP8RK to cover card cage mounting hardware. The card cage can be installed in standard E.I.A. 19-inch racks along with other equipment. Figure 1 shows the card cage outline drawing.

The PHASE EIGHT Card Cage accommodates single-, double-, and triple-size modules up to a total of eight positions. The VP8RK is included with the V8DTB-1 and V8DTB-2 Desk-Top Enclosures. Filler panels are available for front and rear closure of unused positions. Front filler panels, (furnished with attractive, black polycarbonate bezels) are equipped with spring clips for easy snap-on installation. Rear filler panels, (provided with front fillers) are supplied with two screws for secure mounting onto the card cage. Refer to Associated Equipment and Accessories for further information on filler panels.

TECHNICAL INFORMATION

MECHANICAL

	CARD CAGE
Overall Dimensions:	Height; 3.47 in. (8.8cm). Width; 19.00 in. (48.3cm). Depth; 10.00 in. (25.4cm).
Weight:	6.30 lb (2.86kg).
Construction:	Corrosion-resistant zinc-plated steel.



PHASE EIGHT CARD CAGE ASSEMBLY WITH MODULES

ASSOCIATED EQUIPMENT AND ACCESSORIES

CLOSURE PANELS

Model VP8CP-1: Used for front and rear closure of unused single-width rack positions of the VP8RK as well as V4DTB and V8DTB Desk-Top Enclosures.

Model VP8CP-2: Used for front and rear closure of unused double-width rack positions of the VP8RK as well as V4DTB and V8DTB Desk-Top Enclosures.

Model VP8CP-3: Used for front and rear closure of unused triple-width rack positions of the VP8RK as well as V4DTB and V8DTB Desk-Top Enclosures.

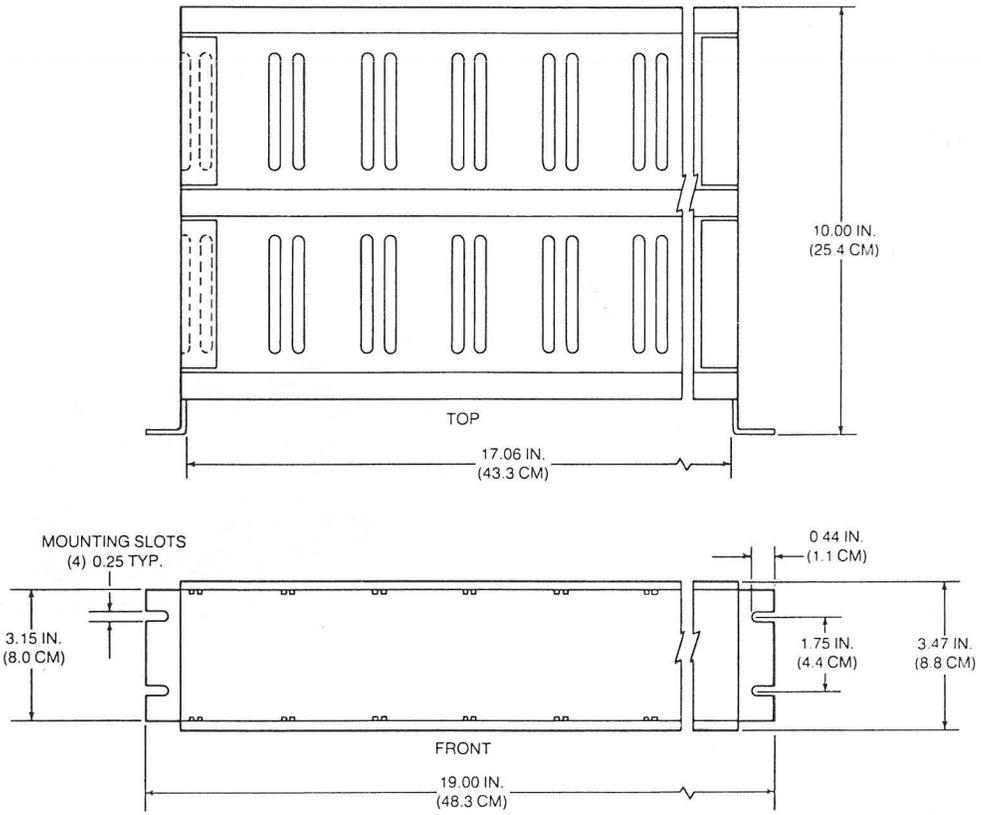


Figure 1
Outline Drawing, Card Cage Assembly