

REQUEST FOR PROPOSALS #CC546-20

**Electronic Access Control (EAC)  
Hardware**

NOTICE IS HEREBY GIVEN that Casper College is accepting sealed proposals for the following.

**SEALED PROPOSALS MUST BE IN THE POSSESSION OF THE CASPER COLLEGE PURCHASING DEPARTMENT BY NO LATER THAN:  
2:00 P.M. (our clock) December 17, 2020**

Proposals will be opened at this time in **Room # 310 of the Gateway Bldg.**

*Please provide one (1) original and one (1) copy in a sealed envelope.  
We may ask for an electronic copy after we have opened all proposals.*

*Proposals received after the time and date specified will not be considered.*

**Sealed proposals** must be sent or delivered to:  
(telephone, fax, or email proposals will not be accepted)

Casper College  
125 College Drive  
Casper, Wyoming 82601

Attn. Debbie Przybylowicz, Procurement Specialist  
Gateway Building Rm. #311A

Please clearly mark the outside of your envelope:  
"EAC - RFP #CC546-20"

Although pricing is important, it will not be the only factor considered when evaluating the proposals (see page 5).

Casper College reserves the right to waive irregularities and informalities, even those that are shown as mandatory requirements, as long as it doesn't give an advantage to the bidder submitting the proposal or disadvantages any competing bidders. The College may also accept or reject any and all proposals. Casper College does not bind itself to the lowest proposal, but rather the proposal that is felt to be in the best interest of the institution.

Preferences:

Preference shall be given to Wyoming contractors, subcontractors, laborers and materials required by Wyoming Statutes Sections 16-6-102 through 16-6-107. If bidding as a Wyoming Resident, a "State of Wyoming Certificate of Residency Status" must be furnished before the proposal will be awarded (this can be included with your proposal or produced prior to award). If this cannot be produced in a reasonable amount of time the preference will not be used in the proposal evaluation.

**ITB/RFP POSTING & DOWNLOADING:**

**All Casper College ITB's & RFP's will be posted on the web-pages shown below.  
Bidders are responsible for checking these sites for addendums  
prior to sending in their proposals.**

**Note: Awards are also posted on these sites.**

[www.caspercollege.edu/offices-services/purchasing](http://www.caspercollege.edu/offices-services/purchasing)

**We also post on:**

[www.rockymountainbidsystem.com](http://www.rockymountainbidsystem.com)

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**Refer questions to (email is preferred):**

**Debbie Przybylowicz**

[debbiep@caspercollege.edu](mailto:debbiep@caspercollege.edu)

**Ph 307-268-2035**

Sincerely,



Debbie Przybylowicz  
Procurement Specialist

**GENERAL**

- Bidders will be allowed to submit proposals for any or all of the items listed. **Awards may be to one or several bidders at our option.**
- Expenses incurred in proposal preparation, pre-proposal meetings, submission, presentations, demonstrations, site-visits, etc. are the responsibility of the bidder and will not be reimbursed by the college.
- All submittals in response to this request become public record and subject to public inspection. Any proprietary or confidential information must be clearly identified and can only be treated as such to the extent of the Open Records Act. Proprietary or confidential information is defined to be any information that is not generally known to competitors and which may provide a competitive advantage (pricing is not considered proprietary or confidential). Submittals in their entirety cannot be specified as proprietary or confidential.
- All materials submitted with regard to this solicitation become the property of the college. The college will have the right to use any ideas contained in proposals received, with the exception of proprietary or confidential information.
- By submitting this proposal, the bidder certifies under penalty of perjury that he/she has not acted in collusion with any other bidder or potential bidder.
- Casper College **does not make advance payments** for orders.
- All proposals shall be valid for a minimum of sixty (60) days from the proposal due date unless otherwise stated in the specifications.
- Use attached bid proposal forms or submit your own spreadsheets showing quantities, descriptions, and pricing. Include detailed specifications with your proposal.

*The following designations are used interchangeably:*

- Casper College, College and The College
- Evaluation Committee and Committee
- Proposal, Bid and Bid Proposal
- Bidder, Vendor, Company, Manufacturer, Distributor, Dealer
- Request for Proposal and RFP

**CLARIFICATIONS / QUESTIONS**

- All requests for clarifications **must be emailed** to [debbiep@caspercollege.edu](mailto:debbiep@caspercollege.edu). The Procurement Department will respond by email or issue an Addendum if required (see page 4). **Please do not contact any other College personnel directly.**
- All questions must be submitted by no later than December 14, 2020.



## SPECIFICATIONS AND SCOPE OF WORK

See attached Specifications for EAC Hardware.

### Notes:

- We may consider variances from the specifications that are attached at our option.
- Explain the standard warranty and any optional warranties available including prices.
- List separately any quantity discounts or break-points (i.e. 0-50, 51-100, etc.)
- Include information about service & parts availability.
- Indicate time required for delivery.
- Include a copy of material specifications.

### Freight:

Include freight - FOB Casper College. We prefer to have the freight price broken out as a separate line item.

## ADDENDUMS

- All significant changes or corrections will be made by written addendum. In the event it becomes necessary to issue an addendum, it will be available on the RFP posting sites noted on page #2 of this RFP. **It is the bidder's responsibly to check for addendums before submitting a proposal.**
- Bidders shall not rely on any other changes or corrections.

## MODIFICATION OR WITHDRAWAL OF PROPOSAL

- A proposal that is in the possession of the Procurement Office may be **altered or withdrawn** by an email, fax, or letter bearing the signature or name of the person authorized for bidding provided that it is received prior to the date and time set for the proposal opening. Telephone or verbal alterations or withdrawals of a proposal will not be accepted. Proposals may not be altered or withdrawn after the proposal opening.

*NOTE: If the pricing portion of your proposal needs to be altered, you must resubmit the revised pricing in a sealed envelope and it must be received by our purchasing department prior to proposal opening.*

- Erasures or changes must be initialed by the person signing the proposal.

## DEVIATIONS OR SUBSTITUTIONS

- Any deviation or substitution from the specifications or scope of work must be noted in detail and attached to the proposal form. Complete specifications must be attached for any deviations or substitutions offered. In the absence of a specifications deviation statement and accompanying specifications, the bidder shall be held accountable for full compliance with the RFP specifications. Failure to submit a specification deviation statement and accompanying specifications, if applicable, may be grounds for rejection of the item offered and or the entire proposal.

## EVALUATION CRITERIA

Proposals will be evaluated on, but not limited to, the following criteria (not necessarily in priority order).

- **Pricing:** Although a concern, the bidder(s) with the most favorable pricing may not necessarily be awarded the order(s).
- **Specifications:** Proposed software / hardware meets the criteria, quality and specifications that are viewed to be necessary and essential.
- **Reputation / Stability:** Reputation and stability of the dealer and manufacturer they are representing and length of time they have been in business. Results of prior orders (if any) and information acquired from references.
- **Parts/Service:** Availability of parts, service and warranty.
- **Service Location:** Is service (online, phone, in-person) available within a reasonable amount of time?
- **Timeliness:** Time required for delivery.
- **Etc.** Other miscellaneous criteria.

The Casper College Procurement Department, Physical Plant Office and IT Department will review proposals and make recommendations for awards. If this RFP is awarded it will be based on, but not limited to, the above evaluation criteria and at the sole discretion of Casper College.

## AWARD OF ORDER(S)

- Awards may be to one or several bidders at our option.
- If award(s) are made it will be to the bidder(s) whose proposal will be the most advantageous to Casper College.
- Quantities could be adjusted depending on bid results.
- If your company receives an award nothing shall be shipped/ordered until your company receives an approved Purchase Order from the Casper College Procurement Department. The College Purchase Order Terms & Conditions will prevail.
- Negotiations and “best and final offers” may be a part of the award process at the option of the college.

## INVOICING AND PAYMENT

- Invoices totaling \$10,000 or more will be approved once each month at the Casper College Board meeting. Completed invoices must be in the possession of accounts payable the first day of the month to be considered for payment. All invoices shall be forwarded to: Casper College, Accounts Payable, 125 College Drive, Casper, WY 82601. No late fees will be paid by the College.

**See the attached specifications**



# Casper College

## RFP #CC546-20 ELECTRONIC ACCESS CONTROL HARDWARE

Description	Quantity	Price Each	Extended Price
CARD READER	25		
CARD READER-MULLION	10		
REQUEST-TO-EXIT (REX) MOTION DETECTOR	25		
EAC INTELLIGENT CONTROLLER LP1502	4		
HES 1600 CLB 630 STRIKE	25		
HES 9500 STRIKE	5		
ADAMS RITE 4300-20-202-628	4		
ADAMS RITE EGRESS PADDLE WITH MANUAL	4		
QEL LATCH RETRACTION TO FIT VON DUPRIN 33/99	10		
APERIO HUBS WITH ANTENNAS	35		
APERIO LOCKS WITH HID SIGNO READER	70		
RS485 1000' SPOOL	4		
18-2 WIRE 1000' SPOOL	3		
16-2 WIRE 1000' SPOOL	1		
MUX8 BOARD	4		
LOCAL DOOR ALARM ES4200-K3-T1	10		
Shipping Charges FOB Casper College if not included in pricing	1 lot		
		<b>Grand Total</b>	

**Bidders are allowed to submit Quotes for any or all items.**

Do above prices include freight (FOB Casper College)? Yes \_\_\_\_\_ No \_\_\_\_\_ (if no, explain in comments)

Received Addendum # 1 \_\_\_\_\_ Addendum # 2 \_\_\_\_\_ Addendum # 3 \_\_\_\_\_ (if addendums were issued)

***Bidder Information:***

***Comments:***

Company Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax \_\_\_\_\_

Bidders Name (print) \_\_\_\_\_

Email Address \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

\* Signing this form indicates you are in agreement with all the conditions shown in this RFP, addendums (if any) and attachments.

# Electronic Access Control (EAC) RFP Specifications

## 1 BACKGROUND AND PROJECT SCOPE

Casper College currently operates a RS2 AccessIT (EAC) system to secure portions of its campus. This system is being installed. Casper College is seeking to expand its EAC solution across campus to include:

- EAC field hardware; to be as manufactured by Mercury Security
- Card/Credential readers
- EAC cards/credentials
- Electric locking hardware
- EAC ancillary devices (I.e. magnetic door contacts, request-to-exit devices, etc.)

It is the intent of Casper College to acquire all EAC software and hardware devices through established manufacturer's channels and install them using in-house Casper College resources. While Casper College prefers to acquire EAC products from a single source, they may elect to purchase portions of equipment from multiple vendors. At their discretion, Casper College may elect to contract installation and/or maintenance services to supplement internal Casper College resources.

Ultimately, Casper College intends to expand EAC across 28 buildings. This initial project scope includes EAC it expand Access control internally in buildings

### 1.1 Project Phasing

This project has one phase to EAC Hardware acquisition and hardware training if necessary

### 1.2 Bidder's Requirements

The bidder must be a currently authorized distributor of the EAC software being proposed.

## 3 EAC HARDWARE ACQUISITION

EAC Hardware Acquisition includes the acquisition of EAC field equipment. The following specifications describe the minimum technical requirements for each item. Substitutions must meet or exceed the technical requirements in every way. The bidder shall provide data sheets for device substitutions to demonstrate compliance with the hardware specifications.

### 3.1 EAC Hardware Specifications

#### 3.1.1 Card/Credential Readers

The card/credential readers shall read the existing 125kHz proximity cards and enable migration to contactless smart cards.

Card/Credential readers shall provide the following:

1. Contactless 13.56MHz Smart Card Technology
  - a. [HID® Signo™](#)
  - b. iClass SEOS
  - c. MiFARE Classic
  - d. MiFARE DESFire EV1
2. 125KHz Technology
3. Communications
  - a. Wiegand
  - b. Clock-and-Data
  - c. Open Supervised Device Protocol (OSPD) via RS485 (Optional)
  - d. Pigtail
4. Bluetooth enabled for mobile credentialing capability
5. Operating Temperature: -31° to 150° F (-35° to 65° C)
6. Operating Humidity: 5% to 95% relative humidity non-condensing
7. Environmental Rating: Indoor/Outdoor IP55
8. Certifications: UL294/cUL (US), FCC Certification (US)
9. Housing Material: UL94 Polycarbonate
10. Color: Black

Card/Credential readers shall be HID Global Signo R40/**40NKS-01-000000** (Wall Mount), R20/**20NKS-02-000000** (Mullion Mount) or approved equal.

### 3.1.2 Cards

Cards shall be fully compatible with the card/credential readers and shall provide the following:

1. EAL5+ certified Secure Element hardware for readers for tamper-proof protection of keys and cryptographic operations.
2. Mutual authentication, encrypted data transfer, and 64-bit diversified keys for read/write capabilities.
3. Unique end-user 48-bit format (Tracked)
4. PVC suitable for direct card printing
5. ISO 3.370" x 2.125", 40Mil
6. Sequential Matching Encoded/Printed (Laser Engraved)

Cards shall be HID Global 5006PGGAN or approved equal

### 3.1.3 Magnetic Door Contacts

Magnetic door contacts shall provide:



1. Pigtail leads
2. Alnico V. Rare Earth Magnet shall be made of neodymium iron boron.
3. Form C SPDT contacts
4. Voltage: 30V AC/DC max.
5. Current: 0.25 A max.
6. Power: 3.0 W max.

Magnetic door contacts shall be UTC/Interlogix 1076CW-M (3/4" recessed), 2507-A (Surface) or approved equal.

#### 3.1.4 Request-to-exit (REX) Motion Detectors

Request-to-exit motion detectors shall provide:

1. Door monitor with sounder alert.
2. Sequential Logic Input (SLI).
3. Internal vertical pointability.
4. Wrap-around coverage pattern with precise pattern control.
5. Up to 64 second adjustable latch time.
6. Operating Temperature: -29°C to +49°C (-20°F to +120°F)
7. Voltage: 12 VAC or VDC to 30 VAC or VDC
8. 8 mA nominal standby current, 39 mA at 12 VDC in alarm.
9. Alarm Output: Two Form C relay contacts each rated 1 A at 30 VAC or VDC for resistive loads.
10. Indicators: 1 activation LED
11. Relay Latch Time: Adjustable from 0.5 sec to 64 sec.
12. PIR Coverage: 8 ft x 10 ft

Request-to-exit motion detectors shall be Bosch DS160, or approved equal.

#### 3.1.5 Request-to-exit (REX) Push Button

Request-to-exit push buttons shall provide:

1. Pneumatic time delay with 1-1/2" mushroom button
2. One normally open contact pair and one normally-closed contact pair
3. Contacts rated 10A @ 35VDC
4. Time range settable between 2 and 60 seconds

5. Switch time is repeatable  $\pm 10\%$
6. Switch mounted on a single gang stainless steel electrical plate
7. UL listed components
8. Temperature range +15F to +120F
9. Switch depth 2-1/4" behind plate

Request-to-exit push buttons shall be Alarm Controls TS-14 (1-gang), TS-14NS (Narrow) or approved equal.

### 3.1.6 Local Door Alarm

Local Door Alarms shall provide:

1. Power: 12-24 VAC/VDC @ 250 mA
2. Local Control: Keyswitch for Unit Reset/Bypass
3. Control Input: N/O or N/C Alarm Shunt, N/C Door Contact, N/O Remote Reset/Bypass, Voltage Sense Shunt
4. Control Output: N/O and N/C Bypass/Keyswitch Status, N/O and N/C Door Contact Status, N/O and N/C Door Prop Alarm Status, N/O and N/C Intrusion/Tamper Alarm Status.
5. Adjustment: Auto Reset 0 seconds - 5 minutes or Manual Reset, Alarm Delay 0 seconds - 5 minutes or Infinite, Silent Time 0 seconds - 90 minutes
6. Alarm: Field selectable High - 103 dB @ 3 ft Low - 96 dB @ 3 ft.
7. Dimensions: 6.4" w x 4.6" h x 2.30" d

Local Door Alarms shall be Designed Security, Inc. ES4200-K3-T1 or approved equal.

### 3.1.7 Unified Power Panels

Unified Power Systems shall combine power modules alongside Mercury Security™ access hardware in one compact and secure UL Listed enclosure solution. Unified power panels shall provide:

1. Pre-drilled backplane for Mercury panels/modules.
2. 12V and 24V DC dual voltage access power system.
3. Input Power: 120/230 VAC 50/60 Hz, 452 Watts
4. Overload and short circuit protection.
5. Over temperature protection.
6. Polarized AC power supply disconnect.
7. Independent built-in 2A charger for sealed lead acid or gel type batteries.
8. Microprocessor dual rate charging of 12 or 24 V battery sets.

9. Charges up to 80Ah battery sets within UL limit.
10. Automatic switchover to standby battery when AC fails.
11. Zero voltage drop when switched over to battery backup.
12. AC Fail (form "C" contacts).
13. System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse.
14. Regulatory Compliance: UL294, UL603, UL1076
15. Lifetime Warranty

Unified Power Panels shall be LifeSafety Power FLEXPOWER FPO150-B100D8PM8NL4E4M (8 Readers), FLEXPOWER FPO150/250-2D8P2M8NL4E6M1 (16 Readers) or approved equal.

3.1.8 EAC Intelligent Controller

Mercury Security hardware is specified to provide interoperability with multiple EAC software products. The EAC Intelligent Controller shall be Mercury Security LP1502, NO EXCEPTIONS.

3.1.9 Reader Interface Module

Mercury Security hardware is specified to provide interoperability with multiple EAC software products. The EAC Reader Interface Module shall be Mercury Security MR52-S3, NO EXCEPTIONS.

3.1.10 16 Input Module

Mercury Security hardware is specified to provide interoperability with multiple EAC software products. The EAC 16 Input Module shall be Mercury Security MR16IN-S3, NO EXCEPTIONS.

3.1.11 16 Output Module

Mercury Security hardware is specified to provide interoperability with multiple EAC software products. The EAC 16 Output Module shall be Mercury Security MR16OUT-S3, NO EXCEPTIONS.

3.1.12 Mux8 Boards

Mercury Security hardware is specified to provide interoperability with multiple EAC software products. The EAC RS-485 Multiplexer shall be Mercury Security MUX 8, NO EXCEPTIONS

3.1.13 QEL Latch Retraction to fit Von duprin 33/99

Latch retraction must be QEL latch retraction kit for Von Duprin 33/99 exit devices No EXCEPTIONS.

3.1.14 Aperio Hubs with Antennas

Assa Abloy Aperio Hubs with RS2 / Mercury Firmware. NO EXCEPTIONS.

3.1.15 Aperio Locks with HID Signo reader (CL33134 D BIP-B NZ 626 RH B234 SA114 LC 0 D134 IN IN SERIES W/KE)



Aperio Locks must be configured with readers specified in 3.1.1 above. They must include Bluetooth. The locks must come with handles to fit our existing Medeco locks. These must be ordered through RS2 so licensing is included. NO Exceptions

3.1.15 Adams Rite 4300-20-202-628 with mechanical Egress Paddle No Exceptions.

3.1.12 12V, 7AH Sealed Lead-acid Battery

12V, 7AH sealed lead-acid batteries shall provide:

1. Dimensions: (L) 5.95 x (W) 2.56 x (H) 3.86.
2. Weight: 4.80 lbs.
3. SLA/AGM maintenance free, spill proof battery
4. Rechargeable battery that can be mounted in any position, resists shocks and vibration.

12V, 7AH sealed lead-acid batteries shall be Power Sonic PS-1270 F1 or approved equal.