

**COUNTY COUNCIL of BERKELEY
COUNTY, WEST VIRGINIA**

**Request for Proposal (RFP)
for
Chain Link Fence w/
Barrier Arm Gates
Church Street Parking Lot
Martinsburg, WV, 25401**

July 2020

**REQUEST FOR PROPOSALS
REGARDING QUALIFICATION AND PRICE PROPOSALS
FOR CHAIN LINK FENCE W/ BARRIER ARM GATES**

The County Council of Berkeley County, West Virginia (herein referred to as the “County Council” or “Council”) is requesting Qualification and Price Proposals from interested parties to furnish materials & labor to install approximately 166 LF of 6’ black chain link fence with (1) one 15’w and (1) one 18’w barrier arm gates for Church Street Parking Lot, Martinsburg, WV, 25401.

The County Council (or its designated representatives) will be evaluating submissions to this request and will ultimately select a firm judged to be both responsible and responsive to the request in every way, including having offered the most beneficial, appropriate price proposals. The County Council reserves the right to interview some or all prospective firms to discuss Qualifications & Price Proposals. The format for submittals, information regarding the scope of work, and selection criteria used by the County Council is available from the County Council Office, 400 W. Stephen Street, Suite 201, Martinsburg, WV 25401, or by telephone at 304-264-1923. Inquiries should be directed to Jack Laing, Facilities Director at 304-620-6870.

Because of the coronavirus pandemic the traditional Mandatory Pre-Proposal Conference will not be conducted. However, interested Contractors must contact Mr. Jack Laing, Facilities Director, at 304-620-6870 to schedule a time to inspect the parking lot and take the necessary measurement.

Two (2) copies of submittals of Qualification & Price information from interested businesses should be enclosed in a sealed opaque envelope marked “**Chain Link Fence w/ Barrier Arm Gates**”. Proposals must be submitted and time-stamped into the County Council Office, Room 201, 400 W. Stephen Street, Martinsburg, WV, 25401 **no later than 4:00 p.m. on Wednesday: July 22, 2020.** Failure to provide the required information as requested in the RFP for Berkeley County’s review may result in disqualification.

Proposals will be opened and entered into public record at 10:00 AM on Thursday, July 23, 2020 in the County Council Meeting Room, 400 W. Stephen Street, Suite 205, Martinsburg, WV, 25401.

Berkeley County shall make positive efforts to utilize Disadvantaged Business Enterprises for its supplies and services and shall allow these sources the maximum feasible opportunity to compete for contracts. Berkeley County does not discriminate on the basis of race, color, national origin, sex, religion, age or disability for the provision of services.

Berkeley County reserves the right to accept or reject any or all proposals, to waive technicalities, and to take whatever action is in the best interest of the Berkeley County Council.

I. INTRODUCTION:

Proposals are being requested from contractors to provide materials & labor to install approximately 166 LF of 6' black chain link fence with (1) one 15'w and (1) one 18'w barrier arm gates needed for Church Street Parking Lot, in Martinsburg, WV as ordered by the County Council of Berkeley County, West Virginia (hereinafter referred to as "County Council" or "Council"). Only written responses to this RFP shall be considered. All materials submitted shall become part of the proposal.

II. BACKGROUND:

Berkeley County is located in the eastern panhandle of West Virginia. According to 2010 U.S. Census information, Berkeley County has a population of 104,169 making it the second-most populous county in West Virginia, behind Kanawha. Martinsburg is the county seat.

The county lies adjacent to the Washington-Baltimore metropolitan area and is one of three counties in the Hagerstown-Martinsburg, MD-WV Metropolitan Statistical Area.

Partly because of its proximity to Washington, D.C., Berkeley County is the fastest-growing county in the State of West Virginia and among the fastest growing in the entire country.

Berkeley County is currently governed by a five (5) member County Council.

III. SCOPE OF WORK

A. GENERAL

The County Council is requesting price quotations to **furnish materials & labor to install approximately 166 LF of 6' black chain link fence with (1) one 15'w and (1) one 18'w barrier arm gates needed for Church Street Parking Lot, Martinsburg, WV, 25401.**

B. WORK TO BE PERFORMED:

Materials to include the following:

Terminal posts- 2-112" OD SS40 galvanized pipe

Line posts- 2" OD SS40 galvanized pipe

Top rail and bracing- 1-518" OD SS40 galvanized pipe

Mesh- 2"x9gax72" galvanized fabric

Bottom tension wire- 7ga coil wire galvanized

All posts saw cut or drilled through asphalt and set in full 36" deep concrete footers.

- 2- Strong Arm 20 - 314HP Model HT G 320-3. 11512081230V, 60Hz. For up to 20' aluminum arms or up to 16' wood wishbone arms. Arms 20' or longer require counter weights.
- 1- 15' Barrier arm with side mount bracket and clamps, aluminum, 2 x 5 inch - 18 ft length (requires Strong Arm 20 or larger)
- 1- 18' Barrier arm with side mount bracket and clamps, aluminum, 2 x 5 inch -18 ft length (requires Strong Arm 20 or larger)
- 3- Factory Suggested Vehicle Loop Detector. Smart Touch technology automatically tunes each detector to its own frequency preventing cross talk between loops, Monitors three different metrics to determine overall loop health, Restores loop data on power up for consistent performance, Compensates for moving gate, allowing higher sensitivity than other detectors, Counts vehicles including tailgaters, Lightning resistant features protect hardware and avoid false trip Low power draw for solar applications
- 3- Inground Loops Sawcut in Asphalt, wrapped three times with XLPE jacketed wire, twisted and terminated on a loop detector. Sawcut will be filled and sealed with traffic bondo.
- 2- Concrete Pad for Barrier Gate Operators.
- 2- Monitored Wired Photo Thru Beam Kit. 24VDC, 65' max range limit (I RB-MON) Included with Gate Operator package
- 4- Inground Pedestal Post for Photo Thru Beams or Photo Reflector Eyes, Painted Black
- 1- Siren Operated Sensor. Allows Entry of Emergency Vehicles through Gates, the Siren
- Activates Gate Opener while all other sounds are rejected, comes with a 4X5 Inch
- Reflective Sign, 12-24VACIDC

2. Work not included in RFP.

- a. All primary and secondary electrical work and access controls.
- b. Layout, fine grading, seeding, sod replacement, clearing of fence line, permits, as built, grounding, materials testing, primary and secondary electrical work, and padlocks on gates.
- c. Any work not specifically approved by Berkeley County.

C. GUIDELINES AND REQUIREMENT

Contractor shall:

1. Provide a material list at time of bid submission.
 2. Clean up and remove all debris caused by the work.
 3. Upon job completion, furnish all applicable equipment warranties.
- a. **The project will not be subject to prevailing wage rates.**
 - b. Contractor shall follow all applicable OSHA requirements for this project.
 - c. Successful Contractor must begin fence and gate installation within

thirty (30) days of award of contract.

- d. All fence installation must be completed within sixty (60) days of award of contract.
- e. Contractor shall provide all tools, equipment, materials and labor to complete this project.
- f. Contractor's bid must be all-inclusive to include mobilization, overhead, fuel, repairs, equipment and labor (including any anticipated overtime).
- g. Contractor will be responsible for any and all property damage or personal injury caused by Contractor's equipment/personnel during fence and gate installation.
- h. Contractor must submit invoices in a timely manner in a format acceptable to Berkeley County.
- i. At the time of bid submission, the Contractor must include all information as detailed in Section V-Price Proposal.
- j. The Berkeley County contact for this contract is Mr. Jack Laing, Facilities Director, 304-620-6870.

IV. O&E / TECHNICAL PROPOSAL:

Respondent shall respond to and reference each section and subsection for portion(s) of RFP proposal. *At a minimum, your Qualifications Proposal shall include the following* information. Failure to discuss each item may deem the submittal non-responsive and may result in non-consideration of respondent's services.

A. Firm Information

1. Name, address, telephone number (landline and cell), fax number of Contracting firm and parent company, if any, from which the project will be managed.
2. Nature of Contracting firm and parent company, if any.

B. Firm Capabilities

1. Describe the size of your firm/project office as related to size of staff.

C. Firm Principals and Background

1. Submit the names, titles, and resumes of the "principal" staff member(s) who will be responsible for the project during the performance of the contract. Please assure that the information provided includes specialized experience and technical competence in providing relevant services on similar sized projects during the past three (3) years.
2. Describe in depth the operations team available to the "principal" staff member(s).
Include an organizational chart of manpower, titles, qualifications, roles in contract performance, and availability for telephone consultations and on-site meetings
3. Provide a list of at least three (3) but no more than five (5) similar and/or relevant projects that you have completed during the past five (5) years. This information must include the business name, contact person, address, email address, and phone number.

D. Miscellaneous Requirements:

All proposals must provide written proof that:

- The selected Company/Contractor is licensed to conduct business in the State of West Virginia.
- West Virginia Code § 21-11-2 requires that all persons performing contractual work in West Virginia must be duly licensed. The West Virginia Contractors Licensing Board is empowered to issue the contractor's license. West Virginia Code § 21-11-11 requires any prospective Bidder (if applicable) to include the contractor's license number on their bid. The successful Bidder will be required (if applicable) to furnish a copy of their contractor's license prior to issuance of the contract.
- The selected Company/Contractor must certify that it is employing only US Citizens or those persons legally in the United States.
- The selected Company/Contractor must show proof of current workers compensation coverage in good standing or payroll information which will show that coverage is not required.
- If subcontractors are used, subcontractors must also provide proof of contracting license and workers compensation in good standing (if applicable).

- E.** All technical proposals should include any conclusions, remarks and/or supplemental information that is pertinent to this request. Submitters are also required to provide written information regarding their inability to conform to

any of the technical requirements listed above. Failure to do so will result in disqualification of proposal.

V. PRICE PROPOSAL:

- A. At a minimum, your Price Proposal shall include the following:
1. Completion of Price Proposal (*Attachment A*) in its entirety.
 2. Fully executed Non-Collusion Certificate - *Attachment B*.
 3. Proof of current business and/or contractor's licenses.
 4. Statement that only US Citizens or legal immigrants are employed.
 5. Proof of minimum insurance requirements as detailed in Section IX below.
 6. Proof of current workers compensation coverage, if required.
 7. Any conclusions, remarks and/or supplemental information pertinent to this request.

VI. TERM OF CONTRACT:

- A. The contract will commence upon award by the County Council.
- B. If the Firm and/or Company awarded the bid subsequently fails to comply with the specifications, it will be given thirty (30) calendar days' notice to render satisfactory service. If at the expiration of such thirty (30) calendar days' notice, the unsatisfactory conditions have not been corrected, the County Council reserves the right to terminate the contract.

VII. USE OF EXISTING DOCUMENTS:

Berkeley County will cooperate to the fullest extent by making available to the Firm/Company all documents pertinent to this service that may be in the County Council's possession. Berkeley County makes no warranty as to the accuracy of existing documents or will the County Council accepts any responsibility for errors and omissions that may arise from the Firm/Consultant having relied upon them.

VIII. COMPENSATION TO THE CONTRACTOR:

Berkeley County does not prepay and/or pay a deposit for work not done. Invoices will be paid upon satisfactory completion of the job. Invoices must be submitted to:

Berkeley County
Council 400 W.
Stephen Street
Suite 201
Martinsburg, WV, 25401

Payment will be made within thirty (30) days of receipt and approval.

IX. INSURANCE REQUIREMENTS:

Professional Liability – The successful Bidder must show evidence of professional liability insurance coverage in the amount of one million (\$1,000,000) dollars, with a minimum coverage of one million (\$1,000,000) dollars per occurrence and one million (\$1,000,000) dollars aggregate and must include coverage for errors, omissions and negligent acts, prior to execution of a contract with Berkeley County.

X. PERFORMANCE, PAYMENT AND MAINTENANCE BONDS:

There are no bonding requirements for this job.

XI. SELECTION PROCESS:

- A. This solicitation is issued pursuant to the implementation of Berkeley County's Purchasing Policy. Berkeley County shall not be liable for any costs not included in the proposal, not contracted for subsequently, or in regard to preparation of your proposal.
- B. A Selection Committee appointed by the County Council will evaluate responses to this request and select those firms judged to be most qualified.
- C. It is the County Council's intent to open and review each firm's Qualifications & Experience/ Technical Proposal to determine a firm's qualifications, experience and technical approach to the services. If the Selection Committee determines that a firm's Qualifications & Experience/Technical Proposal is acceptable, than price will be considered.
- D. Since it is the County Council's desire to select the most qualified firm, the Selection Committee reserves the right to schedule oral presentations from those firms it deems most qualified, to take place within ten (10) business days following notification.
- E. Selection criteria to be used by the Committee are:
 - 1. Responsiveness to the scope of work and these instructions;
 - 2. Past performance of the firm including timely completion of services, compliance with scope of work performed within budgetary constraints, and user satisfaction;

3. Specialized experience and technical competence in performing relevant services in the past ten (10) years, including qualifications of staff members who will be involved in these services;
4. Oral presentations, if required;
5. Composition of the principals and staff assigned to provide these services, particularly the proposed manager and immediate staff, and their qualifications and experience with services such as that being proposed;
6. Adequacy of the personnel of the firm to accomplish the proposed scope of work in the required time;
7. Firm's capacity to perform the work, giving consideration to current workloads;
8. Firm's familiarity with problems applicable to this type of services;
9. References from previous clients, including size and scope of the services, name and telephone number of contact person.
10. Price Proposal.

XII. PROPOSALS AND AWARD
SCHEDULE:

- A. Proposals received prior to the deadline will be treated as confidential, until receipt of all Proposals and opening of the same. Proposals received after the deadline will not be considered in the evaluation process and will be returned unopened.
- B. It is expected that the contract award will be made within forty-five (45) calendar days after the opening of proposals. The contract will be awarded to the Company whose proposal, conforming to this request, will be the most advantageous to Berkeley County.
- C. Proposals must give the full name and address of the proposer and the person signing the proposal shall indicate his or her title and/or authority to bind the firm in a contract.
- D. Proposals may not be altered or amended after they are opened.
- E. The approval or disapproval of the Company's Proposal will be determined by its response to this request and on past performance. No assumptions should

be made on the part of the Firm/Company as to this Committee's prior knowledge of their abilities.

- F. Berkeley County reserves the right to request clarification of information submitted and to request additional information of one or more applicants.

XIV. TERMS AND CONDITIONS:

- A. The County Council reserves the right to reject any or all proposals or to award the contract to the next recommended Company if the successful Company fails to execute an agreement within ten (10) calendar days after being notified of the award of this proposal.
- B. Berkeley County reserves the right to request clarification of information submitted and to request additional information of one or more applicants.
- C. Any proposal may be withdrawn up until the date and time set within this RFP for the opening of the proposals. Any proposal not so withdrawn will constitute an irrevocable offer, for a period of ninety (90) calendar days, to sell to Berkeley County the services set forth above, in the manner and at the costs set forth.
- D. The selected Company shall be required to enter into a contract agreement with the County Council. Any agreement or contract resulting from the acceptance of the proposal shall be made on forms approved by the Berkeley County In-House Legal Director and shall contain, at a minimum, applicable provisions of this request for proposal. The County Council reserves the right to reject any agreement that does not conform to this request for proposal and any Berkeley County requirements for agreements or contracts.
- E. Selected Firm/Company shall not assign any interest in the contract and shall not transfer any interest in the same without prior written consent of the Berkeley County Council.
- F. No reports, information or data given to or prepared by the Firm/Company under this agreement shall be made available to any individual or organization by the Firm/Company without the prior written approval of the Berkeley County Council.
- G. Firms/Companies shall give specific attention to the identification of those portions of their proposals that they deem to be confidential, proprietary information or trade secrets and provide any justification why such materials, upon request, should not be disclosed by the County Council under the West Virginia Freedom of Information Act.
- H. Berkeley County shall not be liable for any costs incurred by the Firm/Company in regard to preparation of its proposal.

- I. Berkeley County reserves the right to request interviews.
- J. The County Council reserves the right to reject any and/or all proposals, to waive technicalities, and to take whatever action is in the best interest of the County.
- K. Berkeley County reserves the right to not hold discussions after award of the contract.
- L. By submitting a proposal, the Firm/Company agrees that it is satisfied, as a result of its own investigations of the conditions set forth in this request, and that it fully understands the obligations set forth therein.
- M. The Firm/Company shall abide by and comply with the true intent of the RFP and its Scope of Work and shall not take advantage of any unintentional error, ambiguity or omission, but shall fully complete every part as contemplated by the true intent and meaning of the scope of services described herein. Clarifications may be requested and dealt with at the Pre-Proposal Conference.
- N. The Firm/Company hereby represents and warrants:
 - 1. That it is now, or will be by the time its Proposal is opened, qualified to do business in the State of West Virginia and that it will take such action as, from time to time hereafter, may be necessary to remain so qualified;
 - 2. That it is not in arrears with respect to the payment of any monies due and owing the State, or any department or agency thereof, including, but not limited to, the payment of taxes and employee benefits, and that it shall not fall into arrears during the term of the contract; that it shall comply with all federal, State, and local laws, ordinances, and legally enforceable rules and regulations applicable to its activities and obligations under the contract;
 - 3. That it shall procure, at its expense, all licenses, permits, insurance, and governmental approvals, if any, necessary to the performance of its obligations under the contract;
 - 4. That the facts and matters set forth hereafter in the contract and made a part hereof are true and correct.
- O. In addition to any other remedy available to Berkeley County, breach of any of the services contracted herein shall, at the election of the County Council, be grounds for termination of the contract. Failure of the County Council to terminate the contract shall not be considered or construed as either a waiver of such breach or as a waiver of any rights or remedies granted or available to Berkeley County.
- P. Hold Harmless/Indemnification: If a contract is awarded, the successful Firm/Company will be required to indemnify and hold Berkeley County, its agents and/or employees harmless from and against all liability and expenses, including attorney's fees, howsoever arising or incurred, alleging damage to property or injury to, or death of, any

person arising out of or attributable to the Firm's/Company's performance of the contract awarded. Any property or work to be provided by the Firm/Company under the contemplated contract will remain at the Firm's/Company's risk until written acceptance by the County Council; and the Firm/Company will replace, at Firm's/Company's expense, all such property or work damaged or destroyed by any cause whatsoever, prior to its acceptance by the County.

- Q. Termination for Convenience: Berkeley County may terminate this or any contract, in whole or in part, whenever the County Council determines that such termination is in the best interest of the County, without showing cause, upon giving thirty (30) days written notice to the Firm/Company. Berkeley County shall pay all reasonable costs incurred by the Firm/Company up to the date of termination. However, in no event shall the Firm/Company be paid any amount that exceeds the price proposed for the work performed. The Firm/Company will not be reimbursed for any profits which may have been anticipated but which have not been earned up to the date of termination.
- R. Termination for Default: When the Firm/Company has not performed or has had unsatisfactorily performed the contract, Berkeley County may terminate the contract for default. Upon termination for default, payment may be withheld at the discretion of the County Council. Failure on the part of a Firm/Company to fulfill the contractual obligations shall be considered just cause for termination of the contract. The Firm/Company will be paid for services satisfactorily rendered prior to termination less any excess costs incurred by Berkeley County in re-procuring and completing the work.
- S. The contractual obligation of Berkeley County under the contemplated contract is contingent upon the availability of appropriated funds from which payment for this contract can be made.
- T. Interpretation: The contract resulting from this proposal shall be construed under the laws of the State of West Virginia.

XV. INTERPRETATIONS, DISCREPANCIES, OMISSIONS:

Should any Firm/Company find discrepancies in, or omissions from, the documents or be in doubt of their meaning, they should at once request in writing an interpretation from the County Council. All necessary interpretations will be issued to all Firms/Companies in the form of addenda to the specifications, and such addenda shall become part of the contract documents. Failure of any Firm/Company to receive any such addendum or interpretation shall not relieve such Firm/Consultant from any obligation under their proposal as submitted. Berkeley County will assume no responsibility for oral instructions or suggestions. **ORAL ANSWERS SHALL NOT BE BINDING ON BERKELEY COUNTY.**

No requests received after **4:00 p.m., Monday, July 20, 2020** will be considered. Every interpretation made by Berkeley County will be made in the form of an addendum that, if issued, will be sent by Berkeley County to all interested parties.

LIST OF APPENDICES THAT ARE ATTACHED

Attachment A – Chain Link Fence w/ (2) Barrier Arm Gates Price Proposal

Attachment B – Non-Collusion Certificate

Attachment C- Specifications on Barrier Arm Gates

**ATTACHMENT A
PRICE
PROPOSAL**

INSTRUCTIONS

This sheet must be placed on the very top of your price proposal. The County Council will utilize this sheet for purposes of reading the proposal into the public record.

Berkeley County Council
400 West Stephen Street
Suite 201
Martinsburg, WV, 25401

**Bid Title: Chain link fence w/Barrier Arm Gates for Church Street Parking Lot, Martinsburg, WV,
25401**

Bid Due Date & Time: Wednesday, July 22, 2020 no later than 4:00 PM

Bid Opening Date & Time: Thursday, July 23, 2020 @ 10:00AM

We have received all documents related to the above referenced project. We have examined all documents, received all addendums, attended the mandatory pre-bid conference, and have had the opportunity to examine the site area where work is to be performed. We hereby propose to furnish all labor, materials, equipment and incidentals and to perform all operations necessary and required for the successful completion of the project. It is understood that the requested chained link fence and gates will be awarded to the lowest responsible bidder on a location-by-location basis as indicated below.

Lump Sum Price for Chain Link Fence and Gates contained in Request for Proposal including all addendums and attachments:

\$ _____

Contractor Name & Address: _____

By: _____
(Authorized Signature) (Date)

Title: _____

West Virginia Contractor's Number: _____

**ATTACHMENT B
NON-COLLUSION CERTIFICATE**

I HEREBY CERTIFY I am the _____
(Title)
and the duly authorized representative of the firm of _____

_____ whose address is _____

AND THAT NEITHER I nor, to the best of my knowledge, information and belief, the above firm nor any of its other representatives I here represent have:

- (a) Agreed, conspired, connived or colluded to produce a deceptive show of competition in the compilation of the bid or offer being submitted herewith;
- (b) Not in any manner, directly or indirectly, entered into any agreement, participated in any collusion to fix the bid price or price proposal of the bidder or offeror herein or any competitor, or competitive bidding in connection with the Contract for which the within bid or offer is submitted; and that no member of the County Council of Berkeley County, West Virginia, administrative or supervisory personnel or other employees of Berkeley County have any interest in the bidding company except as follows: (complete if applicable)

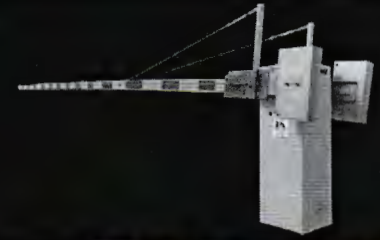
I solemnly affirm under the penalties of perjury that the contents of the foregoing paper are true to the best of my knowledge, information, and belief.

Date

Signature

Printed or Typed Name












Industrial Strong Arm™

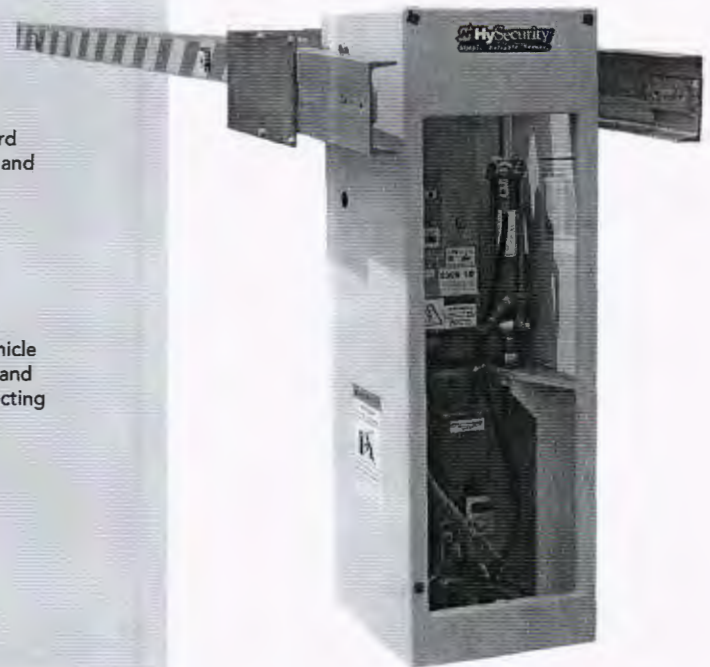


Barrier Arm Operator

Very long arms from 10 - 36 ft

Hydraulic barrier arm gate known for its reliable service life and arms long enough to control two lanes of traffic.

	Very long arms, from 10 to 36 ft		Easy system troubleshooting with onboard event log
	Raise a 36 ft arm in 8 seconds or 10 ft arm in only 2 seconds		DOT model with standard galvanized steel chassis and breakaway arm bracket
	Full 90° open on arms up to 28 ft prevents tall vehicles from clipping arm		14F features highly visible lighted arm and resilient bumper
	UPS models retain full functionality during an AC power outage***		14F model In case of vehicle strike, arm breaks away and arm motion stops, protecting pedestrians, facility and operator/arm
	Field programmable to specific site requirements		5 year warranty
	Dual or sequenced gate integration		



SYSTEM DESIGN SUPPORT: Contact HySecurity for help with custom site requirements, CAD drawings, tech manuals or other specifications support.

VISIT WWW.HYSECURITY.COM for installation manuals, parts diagrams, wiring diagrams, specifications, image gallery, videos, training and much more.



www.hysecurity.com | 800-321-9947
 Manufacturer of industrial and hostile vehicle mitigation barriers, gate operators and accessories.



Parking and Traffic Control



StrongArm 14F



StrongArm 20



StrongArm 28



StrongArm 36



StrongArmDOT 28

10 StrongArm™ Models

	FAST	STANDARD	LONGEST ARMS		DOT
Model	StrongArm 14F	StrongArm 20	StrongArm 28	StrongArm 36	StrongArmDOT 28
Part#	HTG 320-2 ST	HTG 320-3 ST	HTG 320-6 ST	HTG 320-8 ST	HTG 320-6 DOT ST
Duty Cycle	2,000 cycles/day				
Horsepower	3/4 hp				
Drive	Hydraulic				
Open/Close Time	2 seconds to open; 3 seconds to close	3 seconds to open; 4 seconds to close	5 seconds to open; 6 seconds to close	8 seconds to open; 8 seconds to close	5 seconds to open; 6 seconds to close
Arm Length Max.*	Up to 14 ft (4.3 m)	Up to 20 ft (6 m) * Side mount available for arms up to 18 ft (5.5 m)	Up to 28 ft (8.5 m)*	Up to 36 ft (11 m)**	Up to 28 ft (8.5 m)*
Arm Design	Side mount. Lighted aluminum arm with HyProtect™ breakaway arm mount and kill switch, up to 14 ft (4.3 m)	Side mount - aluminum up to 18 ft (5.5 m), fiberglass up to 16 ft (5 m) or wood up to 14 ft (4.3 m). Center yoke mount - aluminum up to 20 ft (6 m)	Center yoke. Aluminum up to 24 ft (7 m), fiberglass up to 16 ft (5 m), or aluminum- fiberglass 26+ ft (8+ m)	Center yoke. Aluminum-fiberglass up to 36 ft (11 m)	Center yoke. Breakaway arm bracket. Aluminum arms up to 24 ft (7 m) or aluminum- fiberglass arms 26 and 28 ft (8 and 8.5 m) *
Full Open Angle	90°			Adjustable 86° ± 2°	90°
Temperature Rating	-40° to 158° F (-40° to 70° C)				
1 Phase Power	115/208/230V 60 Hz, 110/220V 50 Hz				
3 Phase Power	208/230/460V 60 Hz; 220/380V 50 Hz				
Communication	RS-232, RS-485, Ethernet/fiber using optional HyNet™ Gateway accessory				
User Controls	Smart Touch Controller with 70+ configurable settings. Smart Touch keypad and display or a PC using S.T.A.R.T. software.				
Relays	Three configurable user relays: one 30VDC, 3A solid state and two 250VAC, 10A electromechanical; Optional Hy8Relay™ for 8 additional relay outputs				
Finish	Zinc plated with yellow powder coating				Hot dipped galvanized with stainless steel cover
ETL Listed (UL 325)	Usage Class I, II, III, IV				
Warranty	5 year				

UPS Battery Backup Power Options***

DC Power Supply ††	StrongArm 14F UPS	StrongArm 20 UPS	StrongArm 28 UPS	StrongArm 36 UPS	StrongArmDOT 28 UPS
AC Power Supply with HyInverter AC	StrongArm 14F with HyInverter AC	StrongArm 20 with HyInverter AC	StrongArm 28 with HyInverter AC	StrongArm 36 with HyInverter AC	StrongArmDOT 28 with HyInverter AC

* Arms 20 ft (6 m) or longer require counterweights.

** Arms 30 ft (9 m) or longer require cable tensioner and arm stabilizer kit and additional counterweights.

*** The operator's normal duty cycle and the actual number of arm cycles available from battery depends upon arm length/weight, battery size, state of charge and health, ambient temperature, accessory power draw and frequency of arm cycles during power outage.

† Refer to Installed Options on pricing for all 50Hz voltages, which are special order.

†† 115V DC Power Supply requires a 30A branch circuit. Choose voltage with care as chargers are not field convertible.

Optional Accessories - See website for complete list



Oval Aluminum Arm
(10, 12, 14 ft)



Flashing Light Kit



Hy5B™ Vehicle
Detector



Hy8Relay™
Module



HyNet™ Gateway
Integration



Heater Kit

HySecurity
a Nice group company

Contact HySecurity for an operator/parts distributor near you.
phone 253-867-3700 | 800-321-9947
www.hysecurity.com | sales@hysecurity.com

ETL
Intertek
D0543112219