

**ARLINGTON COUNTY, VIRGINIA
OFFICE OF THE PURCHASING AGENT**

INVITATION TO BID NO. 22-DES-ITB-300

ADDENDUM NO. 2

Arlington County Invitation to Bid No. 22-DES-ITB-300 for ATC Cabinets & Components is amended to incorporate the following:

1. 22. Dishonesty Bond requirement is hereby removed from the Insurance Checklist.

2. Responses to RFI

Below are **answers** to questions received from potential vendors.

1. Pg. 12 2.l.iii Do you have a color number for the Black Powder Coat? Gloss, Semi-Gloss, Flat?

The black shall be RAL 9005 semi-gloss.

2. Pg. 13 2.q.iii.d Did you intend for this to be circuit breaker protection for the HDSP's instead of the SIU's? Protection for the HDSP's is common. CB protection for SIU is not common.

Yes, the circuit breaker protection should be for the HDSP's.

3. Pg. 13 2.q.v.b One Flash Transfer Relay is common for every TWO channels. Is this a typo?

Answer: Yes, our intentions are to have two channels covered by each Flash transfer relay.

4. Pg. 13 2.q.viii Is this intended to be an I/O panel? Can you give more information about this panel as to its intended spec and operation?

This panel will give the county the ability to tie in auxiliary inputs for various functions in the controller. For example: Battery backup functionality is monitored by the controller to contact closures. The controller monitors these contact closures and sends alerts via the central management system.

5. Pg. 14 2.q.x Will you allow the Flasher(s) and Circuit Breakers to be in a different assembly? Will you allow for a deviation of the circuit breakers required?

We will allow for the circuit breakers to be in a different assembly if the cabinet will be able to run in flash mode while swapping components like the output assembly. Deviation from the circuit breaker designation will be allowed if all the designated circuit are covered by separate circuit breakers.

6. Pg. 14 2.q.xii Can you provide the model number of the Medeco Lock that needs to be installed?

The cabinet locks shall be the Medeco Traffic Cabinet Lock – Deadbolt style. Part # E100221. The counties organization code is 859N.

7. Pg. 14. 2.q.xv.a Can you clarify what you mean by "Adjustable" led lighting?

The top LED lighting shall be capable of pivoting for adjustment to allow for directional lighting adjustment.

8. Pg. 15 3.a.ix Is the "Aux I/O" panel you are referring to also known as the Auxiliary Input Termination Panel? If not, there is not an Aux I/O panel called out in the spec, can you provide information about it?
Yes, this should be the Auxiliary Input Termination Panel.

9. Pg. 16 3.a.xi A quantity of 2 input assemblies are called out in this list, however you are stating that each input assembly is 48 channels. Will you allow 2 - 24 channel input assemblies in place of 1 - 48 channel assembly? Or is this a typo? The clarify the allowable input assemblies and input termination assemblies.

The quantity is a typo. Each cabinet shall have one 48 channel input assembly.

10. Pg. 17 3.b.ix Is the "Aux I/O" panel you are referring to also known as the Auxiliary Input Termination Panel? If not, there is not an Aux I/O panel called out in the spec, can you provide information about it?

Yes, this should be the Auxiliary Input Termination Panel.

11. Pg. 17 3.b.xi A quantity of 2 input assemblies are called out in this list, however you are stating that each input assembly is 48 channels. Will you allow 2 - 24 channel input assemblies in place of 1 - 48 channel assembly? Or is this a typo? The clarify the allowable input assemblies and input termination assemblies.

The quantity is a typo. Each cabinet shall have one 48 channel input assembly.

12. Pg. 17 3.c.iii This is calling for 32 Channels of outputs, however you indicated in the bid list that this is a 16-channel cabinet. Is this a typo?

You are correct. Both cabinet A and cabinet C should be 16 output channel cabinets.

13. Pg. 18 3.c.v,vi,vii,viii All of these lines are indicating that this is a 2-rack cabinet. Is this a typo?

This was a typo. Cabinet C is a single rack cabinet.

14. Pg. 18 3.c.ix Is the "Aux I/O" panel you are referring to also known as the Auxiliary Input Termination Panel? If not, there is not an Aux I/O panel called out in the spec, can you provide information about it?

Yes, this should be the Auxiliary Input Termination Panel.

15. Pg. 19 3.d.i Would you accept a cabinet with dimensions of 46H x 24W x 22D?

This cabinet would be accepted as it is still compact enough to meet the pole mount specification while also being large enough to house the needed components.

16. Pg. 19 3.d.ii Should the detector input channel be 16 instead of 14? Is this a typo? Referencing spec item 3.d.vi.

The 14 detector inputs are a minimum and additional detector input would be allowed if components don't exceed the allocated space.

17. Pg. 19 3.d.xi Is the "Aux I/O" panel you are referring to also known as the Auxiliary Input

Yes, this should be the Auxiliary Input Termination Panel.

18. Cabinet B General Layout Sheet: DWG shows two Input Assemblies and 2 - Input Termination Panels. Are you allowing Input Assemblies to be 24 Channels assemblies or is this an error? The clarify the allowable input assemblies and input termination assemblies.

The quantity is a typo. Each cabinet shall have one 48 channel input assembly.

19. Does the contractor must provide a "dishonesty bond" as referenced on the insurance requirement form at pg. 44? and if so, in what amount?

The dishonesty bond requirement is hereby removed.

20. Page 11 – 2) k. iii. Reference the "weatherproof ethernet connector and cable".

Q1. Is the 10' ethernet cable installed inside cabinet door or inside the police panel?

The ethernet connector should be accessible form the police panel.

Q2. Is there a preferred connector style or manufacturer part number for the ethernet cable connection?

The county currently uses IP67 Industrial Shielded Category 5E Feed-Thru Coupler with dust cap but an approved equal will be accepted.

Q3. Is the ethernet cable landed anywhere inside the cabinet?

The 10' ethernet cord should be coiled and secured for ITS use.

Q4. Is this configuration of the police panel acceptable? (I have a picture of a proposed panel. How do I send that as part of my questions?) Page 12 – 2)

We can't provide evaluation.

21. iii. Reference the "Heat Deflector Panels".

Q5. Do all cabinets need to be manufactured so that the Panels can be added by the customer or will the Panels be ordered with the cabinet(s) so that the manufacturer supplies the Panels installed on the cabinet?

No. the black cabinet with heat deflector shields should be an adder option and will be designated at the time of order. Other cabinets do not need to be built able to accommodate these panels.

22. Page 13 – 2) q. iii. b) Reference the "and CMU reset switches".

Q6. Is an additional CMU reset REQUIRED?

No . The factory reset switch on the front of the CMU is all that is required.

Page 13 – 2) q. v. b. Reference the "one HD hermetically sealed flash transfer relay with LED indicators for each channel".

23. Should this be “one HD hermetically sealed flash transfer relay with LED indicators for each switch pack”?

Yes, this was an error and each FTR should cover one HDSP or two channels.

Page 13 – 2) q. viii. Reference the “Auxiliary Input Termination Panel”.

Q8. In lieu of a termination panel, can this functionality be provided natively on the input assembly?

It is our intention to have this as a separate panel, so it is easily identifiable and clearly distinguishable. The county would entertain this option if the above criteria were met.

Q9. Is this the 2nd Field Input Termination Assembly (FITA)?

The above noted section is the location for the field termination panel and would be mounted on the backside of the rack that houses the Input assembly. The Auxiliary Field termination panel should be mounted in the same section. If the input assembly and the input field termination panel are both contained in the same assembly this would be acceptable as well.

24. Page 14 – 2) q. x. d. Reference the “breaker sizes”

Q10. Are the amperages listed for each breaker a “minimum” size?

Yes

Page 14 – 2) q. xi. a. Reference “Automatic Transfer Switch PDU” Q1. What does the word “Automatic Transfer” mean in this power outlet strip? Is it a resettable breaker?

The county currently uses the Triplite PDUMH20AT for this component. s. The ATS will normally maintain continuous output to all outlets as derived from the primary input cable. If the primary power source becomes unstable or fails altogether, the ATS will switch over to the secondary power source until the primary input is restored and stable.

Q11. Is there a specific manufacturer/model of this PDU? Page 14 – 2)

The county currently uses the Triplite PDUMH20AT for this component.

25. xii. Reference “Medeco XT Square lock”

Q12. Will the Medeco locks be installed on the cabinet doors before shipping or should the Medeco locks be shipped in the cabinet drawer with Corbin locks installed in the cabinet doors?

The Medeco Locks do not have to be installed and can be shipped in the cabinet drawers if necessary. Corbin locks are not necessary if the cabinet doors can be secured shut.

Q13. Is the cabinet manufacturer required to program the Medeco locks?

If so, will the County supply authorization and programming documents to the manufacturer?

The county agency code is 859N with Medeco. If the cylinders are registered with the county that should suffice.

26. Pages 15, 17, 18 & 19. Cabinet Assembly Detail (A), (B), (C), (D) ix Concern "The cabinet already has these switches on the door wired to the CMU".

Q14. Are extra switches required to be wired to the aux I/O panel?

It is our intention to monitor where and when which cabinet doors are opened on county traffic signal cabinets. If it is distinguishable which door is opened and able to be reported through the Maxview Traffic management system this will suffice.

27. It seems the "Claims Made" insurance is redundant to the normal insurance requirements since you are covered up until the end of the warranty period, so can this requirement be removed?

No

28. Will the County provide a more detailed diagram showing the desired positioning/mounting of the components in the cabinet? Specifically, aux inputs & test switch panels.

This panel should be located on the rear side of the cabinet mounted to the rack near the field termination panel.

29. Will the County consider waiving the requirement for IPC Class 2 certification?

As stated in the contract specifications an approved equal will be accepted in its place but it will not be waived.

30. Will the County consider extending the time to deliver a sample cabinet to 120-150 days due to industry component delays?

The county will consider this when the apparent low bidder and second low bidder is determined but it is our intention to expedite the award process so adjustment to this period will be made only after complete justification.

31. Will the County allow for quarterly or annual price increases due to the volatility in the global supply chain, increasing freight costs and inflation?

Please to Provision 5, CONTRACT PRICING WITH OPTIONAL PRICE ADJUSTMENT in the contract terms-conditions.

32. Will the County consider extending the delivery time for cabinet after award to 120-150 days?

The county will consider the current supply status at the time of each order and will allow for flexibility at that time, but the cabinet lead time will not be adjusted during normal supply conditions.

33. Will the County assume responsibility for unloading the cabinets at the County loading dock and not require the contractor/supplier to do so?

The cabinets should be shipped in such a manner that the shipper is able to safely unload all cabinets and components without assistance from the county.

34. Will the County consider shortening the inspection & acceptance period to 48 hours from 10 days? The contractor should not be responsible for any damage once the cabinets are unloaded at the County loading dock. Or provide initial/preliminary inspection and acceptance once the cabinets arrive?

The county will inspect all deliveries at the time of delivery and will reject the shipment or will notify the contractor of any shipping damage. The 10 business days will allow the county to do a more thorough inspection of the cabinet. Cabinets should be packaged and secured in such a manner to minimize items coming loose or being damaged in the shipping process.

The balance of the solicitation remains unchanged.

Arlington County, Virginia

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RETURN THIS PAGE, FULLY COMPLETED AND SIGNED, WITH YOUR BID:

BIDDER ACKNOWLEDGES RECEIPT OF ADDENDUM NUMBER 2.

FIRM NAME: _____

AUTHORIZED SIGNATURE: _____ **DATE:** _____