



ADDENDUM #3
Boulder Regional Emergency Telephone Service Authority
911 Center Console Furniture Replacement
RFQQ # 7183-20

December 10, 2020

The attached addendum supersedes the original Information and Specifications regarding RFQQ # 7183-20 where it adds to, deletes from, clarifies or otherwise modifies. All other conditions and any previous addendums shall remain unchanged.

Please note: Due to COVID-19, BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org.

1. Question: Can either AutoCAD (.dwg file extension) 2D floor plan drawings and/or detailed dimensional floor plan PDF drawings please be made available for each of the four (4) BRETSA PSAP sites?

ANSWER: Only the Sheriff's PSAP (BCSO) can provide AutoCAD format, the other three agencies cannot provide these drawings. Make sure and review the videos listed under Addendum No. 1 and under Exhibit A as dimensions are provided in this document and videos.

2. Question: Item 2.9 makes reference to a Section 9.0 for the response format, can you clarify if there is a Section 9.0 other than "Debriefing" that we might be missing?

ANSWER: Section 9.0 only consists of the Debriefing content. The response format is Section 2.9. The third paragraph under Section 2.9, page 9 of the RFQQ should reference 2.9 and NOT 9.0, that is a typo.

3. Question: Item 4.10 makes reference to a "Stacking Pallet". Can you please elaborate on how you define a pallet?

ANSWER: This has been removed from the requirements.

4. Question: As it relates to the implementation, does each PSAP plan to stay live during the removal of existing furniture and installation of new consoles such that either a phased approach or live cutover (position by position) will be required, or do you plan to have each PSAP operate from a backup site during the replacements?

ANSWER:

COB: We plan on operating from a backup center during the implementation

BCSO: We plan on operating from a backup center during the implementation

COL: Be prepared to have half the room operating live while the implementation starts.

UCPD: Will be in a back-up center during installation.

5. Question: References are made throughout Exhibit A to monitor video cables. Will BRETSA and/or the PSAPs be providing the monitor cables, or do you want those included in the console furniture package as either part of the base console or as an optional addition?

ANSWER:

COB/BCSO/UCPD/COL: Provide the monitor video cables as an option in your proposed bid.

6. Question: The RFQQ states that we are to follow the existing layouts for each PSAP, and that Longmont will receive ten (10) new console positions, but their Section of Exhibit A states and shows they have eight (8) positions. Can you clarify the quantity for Longmont that should be included in the proposed design drawings and RFQQ Section 5.0 Pricing Section?

ANSWER: Pricing should be based on page 22. This has been updated and attached for reference in Addendum No. 3.

7. Question: The RFQQ states that we are to follow the existing layouts for each PSAP, and that CU Boulder will receive four (4) new console positions, but their Section of Exhibit A states and shows they have five (5) positions. Can you clarify the quantity for the University that should be included in the proposed design drawings and RFQQ Section 5.0 Pricing Section?

ANSWER: Pricing should be based on page 22. This has been updated and attached for reference in Addendum No. 3.

8. Question: Will there be a disposal source onsite for disposing of the pallets?

ANSWER:

BCSO: John will follow-up to determine if the FD will take the pallets. There will not be a disposal source onsite for disposing of the pallets

9. Question: What floor of the building is the center located? Will there be elevator access?

ANSWER: All building locations have elevators.

COB: Our communications center is on the 2nd floor with elevator access. See video for more details.

BCSO: The second floor of the building from the loading/unloading area. There is elevator access.

UCPD: Second floor.

COL: Third floor.

10. Question: Will this be live cutover? How many stations do we need to keep up and running during install?

ANSWER:

COB: We plan to operate from a backup center and there will be no live operations in our center during the install process.

BCSO/UCPD/: There will be no live cutover and no stations need to be kept up during install.

COL: Potential to have half the dispatch floor live.

11. Question: Are you looking to maintain corner stations or looking at straight stations?

ANSWER:

COB: We are open to alternative designs that maximize usage of our space, and operational efficiency.

BCSO: We are open to alternative designs.

COL/UCPD: Yes, for seeking alternate designs.

12. Question: Do you want personal storage at each station?

ANSWER:

COB/UCPD/COL: Yes

BCSO: Please make it an option for our agency.

13. Question: Can we stack monitors or do all monitors have to stay in the existing configuration?

ANSWER:

COB/UCPD: Our monitors currently occupy two horizontal rows. We don't believe changing to a wider single row nor a third row would be a good agronomical idea.

BCSO/COL: The existing configuration is preferred.

14. Question: Do you plan to move to ultra small form factor computers Like the City has in the future?

ANSWER:

COB/UCPD: We believe that we will move towards more PCs and zero/thin clients in the ultra small form factor, however that will be a gradual process, and not all PCs will be able to be transitioned to this form factor. Therefore, any new console solution will require the ability to accommodate both full size PCs (presumably in a compartment somewhere) as well as ultra small form factor PCs (presumably closer to the monitors).

BCSO/COL: We currently have multiple form factors – from extra size PC cases to micro. All form factors should be accommodated for.

15. Question: Can you provide the address for the existing furniture to be relocated to?

ANSWER:

BCSO/COB/COL/UCPD: This is still to be determined

16. Question: Should we include R56 grounding?

ANSWER:

BCSO/COB/COL/UCPD: We have an existing R56 grounding system in place with connection points for each of our existing 9 consoles plus one extra. We would anticipate that any new consoles would have the ability to be bonded to this system.

Boulder County Sheriffs:

17. Question: Can we get the make/model of the 34" curved monitor screens?

ANSWER: Dell U3417W – but this model is no longer readily available, so as they will be replaced with a newer, similar, model. Dell U3417W and U3419W. The newer models to be replace the older models as determined by availability.

18. Question: What are the specs of the CAD PCs currently housed in the server room? We want to ensure we plan for enough CPU cabinetry storage.

ANSWER: The Specs range from Core i5- Core i7, CPU's, NVIDIA video cards, 16-32GB memory, DDS hard drives, with form factor of Small Form Factor-Full Tower.

19. Question: What are the dimensions or model #s of the PCs both in the CPU cabinetry as well as the server room?

ANSWER: Dell Models U3417W and U3419W. The form factors range from Small Form Factor-Full Tower.

20. Question: Would you prefer a furniture layout that uses existing cored holes in the floor?

ANSWER:

COB: The cabling access holes in our raised floor under each console are moveable and can be placed almost anywhere.

BCSO: We are open to alternative layouts where additional core boring may be needed.

21. Question: How many circuits do you have per station?

ANSWER:

COB: We currently have two 20-amp UPS circuits and one 20-amp generator only circuit located at a junction box underneath the raised floor near each console position. We, like Longmont PD, also currently use a Bramic power distribution unit for each console which can be repurposed or removed, and you can connect to the junction box directly.

BCSO: Discrete A & B power, conditioned and backed up by 2 Gen Sets.

Boulder PD:

22. Question: Do we need to provide any CPU cabinetry storage or are the only PCs mounted behind the monitors?

ANSWER:

COB: We believe that we will move towards more PCs and zero/thin clients in the ultra-small form factor, however that will be a gradual process, and not all PCs will be able to be transitioned to this form factor. Therefore, any new console solution will require the ability to accommodate both full size PCs (presumably in a compartment somewhere) as well as ultra-small form factor PCs (presumably closer to the monitors)

23. Question: Do you have make/models of the ultra small form factor to ensure we provide correct mounting brackets with our monitor mounting system?

ANSWER:

COB: The ultra-small form factor PCs we are currently using are Dell Optiplex Micro Chassis 3020/3060/5060/9020/etc size with a Dell DUAL VESA Micro Mount with attached power adaptor box.

24. Question: Do the ultra small form factor PCs have VESA mounts?

ANSWER:

COB: Yes – see #23

25. Question: How many ultra small form factor PCs are at each station?

ANSWER:

COB: Currently we are transitioning to the ultra-small form factor PCs. Some consoles have one, some have none at this point. We believe that we will move towards more PCs and zero/thin clients in the ultra-small form factor, however that will be a gradual process, and not all PCs will be able to be transitioned to this form factor. Therefore, any new console solution will require the ability to accommodate both full size PCs (presumably in a compartment somewhere) as well as ultra-small form factor PCs (presumably closer to the monitors).

26. Question: Are all PCs the ultra small form factor PCs?

ANSWER:

COB: Currently we are transitioning to the ultra-small form factor PCs. Some consoles have one, some have none at this point. We believe that we will move towards more PCs and zero/thin clients in the ultra-small form factor, however that will be a gradual process, and not all PCs will be able to be transitioned to this form factor. Therefore, any new console solution will require the ability to accommodate both full size PCs (presumably in a compartment somewhere) as well as ultra-small form factor PCs (presumably closer to the monitors).

27. Question: What additional equipment is at the fire dispatch position and which station does this pertain to? Is the monitor set up the same? What about PCs?

ANSWER:

COB: We have one additional PC with monitor, keyboard, and mouse for the Westnet station alerting client. Additionally, there is an external keypad for the Westnet system that lives at this console. It's approximately 6"x 8" and is connected with a single ethernet cable.

28. Question: Will you be keeping the ESD carpet or plan to replace?

ANSWER:

COB: If funding allows, we will replace the carpet, but that has yet to be determined.

29. Question: Are the city PC and telephone monitors touchscreen?

ANSWER:

COB: No

30. Question: Can we get the make/model of the 34" curved monitor screens?

ANSWER:

COB: Dell U3417W – but this model is no longer readily available, so as they are replaced, it will be with a newer, similar model.

31. Question: How do you access the ultra small form factor PCs for the workstations that are up against the wall?

ANSWER:

COB: We currently do not have any of the ultra-small form factor PCs against a wall, they are behind monitors which are at the ends of the consoles and easily accessible. Additionally, with our current setup and the monitor trees we are using, we could easily access any future ultra-small PCs behind the monitors in the middle of the console. But you bring up a good point that if your solution has monitors mounted to the back wall of the console, and that console is up against a wall then it could be difficult to access. We would defer to your expertise in addressing that limitation.

32. Question: Do you want us to provide lateral file drawers?

ANSWER:

COB: At a minimum, we would like a cost to replace with matching furniture, the two credenzas mentioned in the video which house our printers, storage, etc. If you have additional file cabinets, storage units, etc. available, we would be interested in at least looking at those.

33. Question: Will the existing millwork for the reception area remain?

ANSWER:

COB: Yes

Longmont:

34. Question: Will the (2) additional stations have matching equipment?

ANSWER: The additional 2 stations will be identical to the other 8 stations.

COB: We know this is a COL question, but for us, any additional consoles that we may gain through more efficient use of our space will need to have identical functionality and equipment to the other consoles.

COL: Yes, as detailed in our video.

35. Question: Are the radio and telephone monitors touchscreen?

ANSWER:

COB: No

COL: No

36. Question: What are the PC specifications – size, quantity of each – to be housed in CPU cabinetry?

ANSWER:

COB: Currently as follows (but subject to change as already noted)

CAD: 14”h x 7”w x 18” d

Radio System PC: 14”h x 6”w x 11”d.

Radio Audio Interface unit: 2.5”h x 15”w x 6”d

Telephone System: 8.5”w x 15”d x 3.5”h

City PC: Ultra small form factor as previously mentioned 1.4”w x 7.2”h x 7”d

COL: everything is the same as BPD, except our City PC: it is similar to the Radio System PC: 14”h x 6”w x 11”d

37. Question: Can you please confirm what figure B is and the dimensions?

ANSWER:

COL: Figure B is the mini keypad for the fire station alerting system, WestNet. Radio System PC: 14”h x 6”w x 11”d.

38. Question: Regarding the Bramic PDU, we see two potential options: 1) Replace the Bramic PDU and the flex cable with flex cable and a quad outlet box, or several duplex boxes. 2) Keep the Bramic PDU, put it under the floor and plug the stations into that through a hole in the floor. Would either of these work or is there a preference?

ANSWER:

COB: We currently have two 20 amp UPS circuits and one 20 amp generator only circuit located at a junction box underneath the raised floor near each

console position. We, like Longmont PD, also currently use a Bramic power distribution unit for each console which can be repurposed or removed and you can connect to the junction box directly.

COL: Same as COB response above. Currently the PDU's from Bramic (are power strips mounted inside the console furniture) plug into the different junction boxes located under the raised floor. We have a total of three 20amp circuits in the raised floor for each console.

UC Boulder:

39. Question: Can we get the specifications of the 34" curved monitors?

ANSWER:

COB: Dell U3417W – but this model is no longer readily available, so as they are replaced, it will be with a newer, similar, model

40. Question: What are the specifications – size, quantity – of each of the PCs to be stored in CPU cabinetry?

ANSWER:

COB: Currently as follows (but subject to change as already noted)

CAD: 14"h x 7"w x 18" d

Radio System PC: 14"h x 6"w x 11"d.

Radio Audio Interface unit: 2.5"h x 15"w x 6"d

Telephone System: 8.5"w x 15"d x 3.5"h

City PC: Ultra small form factor as previously mentioned 1.4"w x 7.2"h x 7"d

41. Question: Which 4 stations are being replaced of the five that you have?

ANSWER: All five stations will be replaced. This is 4 dispatch and 1 supervisor positions.

42. Question: In Figure 1, there is a callout for cubbies and storage shelves. Should this be included?

ANSWER: Yes, please quote these in your proposal.

43. Question: AC9 units on page 28, can we get a photo, specifications and clarification on which desktop they are bolted under?

ANSWER:

COB: We too utilize the Intrado A9C telephone 'PCs' at each of our consoles. They are currently not mounted, but instead sit with the other PCs in the current CPU compartment. They are 8.5"w x 15"d x 3.5"h



BCSO: We have Intrado A9C computers mounted on the underside of each console position. We are open to having them mounted in a different place.

44. Question: The console specifications have been written around a particular manufacturer. Will the County accept alternative solutions from other suppliers?

ANSWER: Please see updated Section 4.0 requirements. The agencies are open to alternate solutions.

45. Question: What is the projected installation date?

ANSWER: This will vary per location. For BCSO, we anticipate a start sometime during Q4 2021.

46. Question: What is the ship to address of the installation site?

ANSWER: Refer to Page 10 of the RFQQ.

47. Question: Will AutoCAD plans be provided for furniture layout purposes?

ANSWER: See response to question No. 1.

48. Question: Is this new construction?

ANSWER:

COB: No

BCSO: No, but we will be remodeling the area in question just prior to console installation. Updated drawings will be provided, the footprint that exists will remain the same.

COL/UCPD: No

49. Question: What would you like to change about your present consoles?

ANSWER:

COB/COL/UCPD: We are open to suggestions, based on your expertise, on how to maximize our space and operational efficiency. Some of our pain points are:

- The current 'scalloped' design does not make it easy to interact with each other. i.e. one must roll back or lean back to see and interact with others
- The two rows of monitors on the main part of the consoles make it difficult to view the TVs and monitors we have on the walls of the dispatch center
- The current cable chains that connect the main surface to the monitor surface, and to the CPU compartment are great at first, and upon initial install look nice. But to remove and replace cables after the initial install is very difficult given the plastic fingers that are used to hold cables in place. Additionally, when packed with cables, they can tend to lose flexibility and often break at their attachment points

BCSO: Open to suggestions. The cable management in the existing consoles leave a bit to be desired. The footprint that exists will remain the same.

50. Question: What in particular that you don't like about your present consoles?

ANSWER:

COB: See #49

51. Question: If there was one particular feature you would like to see on your new consoles?

ANSWER: See updated requirements under Section 4.0.

Console Electrical Requirements

52. Question: How many UPS circuits are available for each console position?

ANSWER:

COB: Two 20 amp UPS circuits

BCSO: Discrete A&B UPS circuits

COL: Three 20amp UPS circuit per console position

UCPD: Two 20 amp UPS circuit per console position

53. Question: Are these UPS circuits 20/15 Amp?

ANSWER: Yes, see response to question No. 50.

54. Question: Will a utility circuit be available for each console position?

ANSWER:

COB: One 20 amp generator only (non UPS) circuit is at each console position

BCSO: Each position will have utility power, conditioned and generator backup A&B circuits as needed

COL: All circuits are UPS and backup generator equipped.

UCPD: No.

55. Question: Are these utility circuits 20/15 Amp?

ANSWER:

COB: 20 amp

BCSO/COL/UCPD: 20 amp

56. Question: How many data cables will be allocated to each console position?

ANSWER:

COB: We currently have a 24 port 1RU keystone jack panel at each console and are utilizing nine of those ports. We would like our new consoles to also utilize keystone jack panel(s)

BCSO/COL: Per Position: 6 CAT6, 6 video cables (VGA and HDMI), 4 keyboard and 4 mice

COL: Also check the video content for this information.

UCPD: Per Position: 4 CAT6, 4 video cables (DP), 4 keyboard and 4 mice

57. Question: Will the County be using an access flooring system?

ANSWER:

COB: We have a 8" raised floor system throughout the communications center and adjacent datacenters.

BCSO: The floors in the dispatch center are concrete with no raised access. The dispatch center is positioned directly above the data center, with core penetrations throughout the floor as needed.

COL/UCPD: Raised floor.

58. Question: If an access flooring system is being utilized, what will the floor height be?

ANSWER:

COB: 8"

BCSO: N/A

COL: ~1.5'

UCPD: 8"

59. Question: Can you describe what the County will be providing for electrical receptacles to support the UPS and utility circuits?

ANSWER:

COB: circuit located at a junction box underneath the raised floor near each console position. We, like Longmont PD, also currently use a Bramic power distribution unit for each console which can be repurposed or removed and you can connect to the junction box directly.

BCSO: Currently a whip from each of the discrete A&B terminates into an electrical distribution outlet. Utility power is distributed into an electrical distribution outlet panel as well. These panels provide 5-15r outlets that in turn distribute out to other power strips. In addition, whips from A&B, and Utility circuits connect directly to the consoles themselves for internal power distribution. We can provide whatever is needed per spec.

UCPD: Whips connected to UPS provide power to AC receptacles for consoles.

Building Access for Delivery and Installation

60. Question: What is the ceiling height within the dispatch centre?

ANSWER:

COB: 103"

BCSO: 9'6"

COL: 9'6"

UCPD: 9'6"

61. Question: What floor is the dispatch centre located on?

ANSWER: See response to Question No. 9.

62. Question: Are receiving docks available for use?

ANSWER:

COB: Provided in video walkthrough

BCSO: No

COL/UCPD: No

63. Question: Is the receiving area, dock level or ground level?

ANSWER:

COB: Provided in video walkthrough

BCSO: Ground Level – will need liftgate

COL/UCPD: Ground Level – will need liftgate

64. Question: Is an elevator available for the movement of the furniture consoles if the communication center is not located on the ground floor?

ANSWER:

COB/COL: Provided in video walkthrough

BCSO: Yes, but it will not accommodate any assembled components.

UCPD: Yes, but it will not accommodate any assembled components.

65. Question: If an elevator is required for the movement of the furniture consoles, please supply the dimensions including W x L x H.

ANSWER:

COB: Provided in video walkthrough

BCSO: Please see video

COL: Please see video

UCPD: TBD

66. Question: What are the doorway widths and heights of all entranceways in which the consoles will be required to pass through on route to the installation site?

ANSWER:

COB: Provided in video walkthrough

BCSO: Please see video

COL: Please see video

UCPD: Dispatch Door – 34"

Lobby Door – 35"

Elevator Door – 42"

Elevator – 49" X 79"

1st Floor – 36"

Loading Dock Door – 34"

67. Question: What are the hallway widths?

ANSWER:

COB: Provided in video walkthrough

BCSO: Please see video

COL: Please see video

UCPD: TBD

68. Question: What hours of the day/night will be dedicated for delivery and installation of the furniture consoles?

ANSWER:

COB: We are flexible and can accommodate any date/time
BCSO: As needed with advance appointment
COL: As needed with advance appointment
UCPD: As needed with advance appointment

Dispatch Operating Systems

69. Question: Is there an equipment list available clearly identifying each component to be supported by the console furniture?

ANSWER: Please see Exhibit A.

70. Question: What dispatch radio system will be used? (Make and Model number)

ANSWER:

COB: TBD, migrating to another radio vendor.

BCSO: Motorola MCC7500

COL: As provided in Exhibit A and video, Motorola MCC7500

UCPD: As provided in Exhibit A and video, Motorola MCC7500

71. Question: What back-up radio system will be used? (Make and Model number).

ANSWER:

BCSO/COL/UCPD/COB: N/A, agencies use hand-held radio.

72. Question: What CAD system will the County be using? (Make and Model number).

ANSWER:

BCSO/COB/UCPD/COL: Central Square

73. Question: Does the County use a back-up Status Card System for CAD?

ANSWER:

COB/UCPD: Yes, we do. Our cards measure 5”h x 9”h

BCSO: Yes. 5”X9”

COL: Use software application, no hardware required.

74. Question: What 9-1-1 phone system will the County be using? (Make and Model number).

ANSWER:

COB/UCPD/COL/BCSO: All agencies use Intrado Viper system which includes the A9C ‘pc’ (see #43 above) 1 monitor, keyboard, & mouse. Agencies do not use a touchscreen for the phone system.

75. Question: Will the County have a 9-1-1 phone system backup? (Make and Model number).

ANSWER:

COB: We have a backup phone at each console for all of our telephone lines except 911 lines (see video for an image of the phoneset)

COB/UCPD/COL/BCSO: All PSAPs have a Viper laptop with speakers, headset jack, etc for backup purposes, however this would not be part of the console requirement as it would simply set on the console or more commonly used in a remote location.

76. Question: Will there be a County P.C. at each position?

ANSWER:

COB: There is a 'City PC' with two monitors at each position. Again, Dell ultra small form factor VESA mounted behind one of the monitors.

BCSO: Currently, 8 of the 10 consoles have County PC's. We would like the option of adding them to all console positions.

COL/UCPD: Use small size form factor at each position that is Dell manufactured (see video)

77. Question: 3.0 Statement Of Work.

City of Longmont: 10 Dispatch Consoles are specified.

Floorplan drawing shows 8 existing consoles.

Are the two additional consoles are to be located within the existing room space?

ANSWER: Yes.

78. Question: University of Colorado: 4 Dispatch Consoles are specified.

Floorplan drawing shows 5 consoles, 4 x regular consoles and a Supervisor console. Which console position is not required?

ANSWER: Use 5 as the correct number of console positions.

79. Question: 4.2.2 "The Input Support Surface must raise to 50" above the floorper ANSI/HFES 100-2007 8.3.2.4.3".

ANSI/HFES 100-2007 8.3.2.4.3 specifies 46.5" from the floor, see attached.

Our console design Input Support Surface raises to 48" which exceeds ANSI/HFES 100-2007 8.3.2.4.3. Is this acceptable?

ANSWER: The requirement has been removed.

80. Question: 4.5.10 Partition Screens: Is there a preferred height for the Partition Screens?

ANSWER:

COB: No. Our current partitions are 50". Any similar height should be acceptable

BCSO/COL/UCPD: There is not a preferred partition height.

81. Question: 4.8 Personal Storage - Is there a preferred personal storage configuration for each Operator or Supervisor?

ANSWER:

BCSO/COL/COB/COB: No

82. Question: Existing Console Equipment Configurations

Boulder County Communications.

Are additional floorplan images or dimensions available? What is on the north, south and east walls, such as doors and windows?

ANSWER:

BCSO: Possibly. Windows are on the South side of the provided floorplans.

83. Question: What is the overall dimensions of the existing Training Area on the west side?

ANSWER: No agencies have a training area that will require new console furniture to be installed.

84. Question: Concrete floor. Must the new consoles use the existing power/data core locations or will new core locations be made to match the new console positions?

ANSWER:

BCSO: It would be ideal to utilize existing core penetrations, but not a requirement. We can provide additional core penetrations as needed.

85. Question: It looks like there is circular storage in the center spaces of the room, what preferred storage configuration should they be?

ANSWER:

BCSO: The existing configuration has open cubbies in the circular storage. We are open to whatever works best.

COL: Price out various options for storage which your product can provide.

UCPD/COB: N/A

86. Question: CAD Main PC currently housed in data center that may be relocated to the console; what is it's spec or dimensions?

ANSWER:

BCSO: Small Form Factor up to Full Tower.

87. Question: Third power supply at each console. Does this require an additional powerstrip?

ANSWER:

BCSO: Yes.

City of Boulder

88. Question: PCs. Does the typical console position have 1 x standard sized PC and 3 x small form factor PCs?

ANSWER:

COB: We believe that we will move towards more PCs and zero/thin clients in the ultra-small form factor, however that will be a gradual process, and not all PCs will be able to be transitioned to this form factor. Therefore, any new console solution will require the ability to accommodate both full size PCs (presumably in a compartment somewhere) as well as ultra-small form factor PCs (presumably closer to the monitors). We currently have 4-5 PCs at each console. Some of these may transition to ultra-small form factor, but that is yet to be determined.

City of Longmont

89. Question: Will the two additional consoles have the same equipment configuration as the existing?

ANSWER: Yes. See the video.

90. Question: When the existing 19" Radio System PC monitor is replaced, what size monitor is likely to be used?

ANSWER: Anything up to and including 24".

91. Question: Circular storage in the center of the room, what preferred storage configuration should this be?

ANSWER: Provide options which the agencies can consider.

92. Question: What are the sizes of the PC's?

ANSWER: Reference answer to question No. 36.

93. Question: Is it 1 x standard PC and 3 x small form factor?

ANSWER: Reference the COL video.

University of Colorado, Boulder

94. Question: Radio System Touchscreen: Do you want this mounted from the Input Support Surface or the rear Monitor Plane?

ANSWER: TBD based on bidder product selected.

95. Question: Floorplan notes keyboard cubbies.
Are these within the scope of work?
If so, what is the general specification?

ANSWER: See response to question No.12 (personal storage).

96. Question: Simply put, does this mean stick to the existing layouts as closely as possible?

3.0 911 CENTER CONSOLE FURNITURE STATEMENT OF WORK

The arrangement of the furniture in each of the four PSAPs is intended to support specific operational functionality and must be adhered to as closely as bidder furniture design permits. Bidders shall submit drawings that depict their proposed furniture as shown within each of the four PSAP's dispatch center space. Variance from the attached (Exhibit A) furniture layout must be described, including the need for the variance and the justification for any changes, in the "Exceptions to Specifications and/or Comments" section of this RFQQ.

ANSWER: See the update requirements submitted in Addendum No. 3.

97. Question: Is it allowable to use a third-party off the shelf solution for environmental controls and a third party to manufacture the work surfaces? We use a nationally recognized worksurface manufacturer which holds a patent on the nosing process.

4.16.4 The bidder must be the manufacturer of all major components such as work surfaces, console panels, structural support system, and environmental controls.

ANSWER: See the update requirements submitted in Addendum No. 3.

98. Question: Are these wall surrounds? 4.5 Partition Screens

ANSWER: See the update requirements submitted in Addendum No. 3.

99. Question: What are these? Can they send an example photo? 4.10 Enclosures Stacking Pallets.

ANSWER: See the update requirements submitted in Addendum No. 3.

100. Question: What does the depth dimension pertain to? Depth of what? Can they send an illustration? Q4.10.3 Stacking pallet enclosures must be available in a 24" depth.

ANSWER: See the update requirements submitted in Addendum No. 3.

101. Question: Can we use urethane nosing which is molded on to the worksurface? This will be on the operator/user edges.

4.11 Materials

4.11.5 All input support surfaces must use a 3mm thick thermoplastic polypropylene extrusion edging with self-healing properties for maximum durability.

ANSWER: See the update requirements submitted in Addendum No. 3.

102. Question: Does anything need to be provided with the bid? If then please elaborate on what is expected to be submitted.

ANSWER: See section 2.9 Response Format and Content.

103. Question: Does each location have its own "local" storage site and if so, approximately how far are the storage sites from the installation? If everything is to shipped to one central site then where is that site? Please confirm this task will be limited to furniture and panels systems only. All the electronics, monitors, cabling, personal items shall be removed prior to contractor's arrival and removal of consoles.

ANSWER: Equipment to be shipped directly to each PSAP location based on the procured configuration and NOT to one central site. Storage will vary from PSAP to PSAP but in most cases storage will be temporary for accepting the new equipment only. Thus, the agencies will provide for temporary storage between the time the furniture is delivered and the actual install.

Also, see videos provided by the agencies listed under Addendum No. 1 as the videos show the storage available e.g., the Sheriff's PSAP has temporary storage available with a garage door opening on the same level as delivery.

In regard to electronics, monitors and cabling removal and install please provide a quote for your firm to complete this task at each of the four PSAP's. All personal items will be removed prior to contractor's arrival and the removal of equipment.

104. Question: Will the installations take place all at once meaning we demo and install one and move to the next?

ANSWER: There will be a mutually agreed upon schedule with the selected bidder and the BRETSA agencies. The goal would be to conduct an install one PSAP at a time. So yes, we envision a demo and install at one PSAP, then on to the next agreed upon agency based on the schedule.

105. Question: Do the consoles need to be seismically rated?

ANSWER: No

106. Question: This RFQQ document is requiring a very detailed response. How will the RFP document, being issued at a later date, differ from what is being asked in this initial submission?

ANSWER: Please see updated requirements in Addendum No. 3. The RFP is the tool to procure the console furniture, so the requirements can change based on the outcome of qualified Bidders selected. The RFP and BRETSA Agreement will be the legally binding mechanism to procure and award a contract to the selected bidder. The RFQQ is the tool used to qualify a short-list of bidders and to go to the BRETSA Board to obtain a budget authorization to procure console furniture.

107. Questions: The RFQQ document specifications appear to be based on a particular vendor. Will you except substitutions?

ANSWER: See the update requirements submitted in Addendum No. 3.

108. Questions: Will questions be allowed during the Virtual Bidders Meeting or will questions only be accepted in writing and submitted by email?

ANSWER: No longer applicable as the conference occurred on 11/2.

109. Question: Under 4.20 Product Certifications (page 20 -21)
Are items 4.20.3 – 4.20.7 mandatory requirements for the furniture consoles?
Will you accept CSA/UL Special Field Evaluation Certifications in lieu of UL 962 (Item 4.20.3) and CSA C22.2#68 (Item 4.20.4)?.

ANSWER: See the update requirements submitted in Addendum No. 3.

Submittal Instructions:

Submittals are due at the email box only, listed below, for time and date recording on or before **2:00 p.m. Mountain Time on January 20, 2021.**

Please note that email responses are limited to a maximum of 50MB capacity. NO ZIP FILES OR LINKS TO EXTERNAL SITES WILL BE ACCEPTED. Electronic Submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

Email purchasing@bouldercounty.org; identified as **RFQQ # 7183-20** in the subject line.

All proposals must be received and time and date recorded at the purchasing email by the above due date and time. Sole responsibility rests with the Offeror to see that their bid is received on time at the stated location(s). Any bid received after due date and time will be returned to the bidder. No exceptions will be made.

The Board of County Commissioners reserve the right to reject any and all bids, to waive any informalities or irregularities therein, and to accept the bid that, in the opinion of the Board, is in the best interest of the Board and of the County of Boulder, State of Colorado.

RFQQ & RFP Schedule

No.	Activity	Date
1	Release RFQQ (Download from Rocky Mountain E-Purchasing system web site, (http://www.rockymountainbidsystem.com/) under Boulder County	Friday, 10/23/20
2	Deadline – Notification to Attend Virtual Bidders Conference	Wednesday, 11/11/20 – 2:00PM, MST
3	Deadline – To Submit Written Questions for Virtual Bidders Conference	Wednesday, 11/18/20 – 2:00PM, MST
4	RFQQ Bidders Conference (Due to COVID-19 this will be a virtual conference via MS Teams).	Wednesday, 12/02/20 – 1:30PM, MST
5	Deadline to Submit Questions for Addendum 4 (Post RFQQ	Friday, 12/04/20 – 2:00PM, MST Wednesday 12/16/20 - 2:00PM

	Bidders Conference)	MST
6	Addendum No 3 (Post RFQQ Bidders Conference) answers to all inquiries previously received shall be provided to all potential Bidders	Thursday 12/10/20
7	Addendum No 4 (Post RFQQ Bidders Conference) answers to all inquiries shall be provided to all potential Bidders	Tuesday, 12/22/20 - 2:00PM, MST
8	Submission of Final RFQQ Proposals by 2:00pm (MST)	Friday, 12/18/20 by 2:00pm (MST) Wednesday, 01/20/21 by 2:00PM, MST
9	Score Bidder Proposals	12/21/20 thru 01/08/21 01/21/21 thru 02/10/21
10	Short-Listed Bidder Demos	02/01/21 thru 02/08/21
11	Issue RFP to Bidders Deemed Most Qualified to Fulfill BRETSA's needs	Wednesday, 01/13/21 Wednesday, 02/17/21
12	Submission of Final RFP Proposals by 2:00pm (MST)	Friday, 01/29/21 by 2:00pm (MST) Thursday, 03/11/21 by 2:00pm (MST)
13	Evaluate and Score RFP Bids	02/01 thru 02/12/21 03/12/21 - 03/31/21
14	Best and Final Offer (BAFO), if required	02/15/21 thru 02/19/21 04/01/21 thru 04/07/21
15	Bidder Selected	Wednesday, 02/24/21 Wednesday, 04/14/21
16	Contract Negotiation Period & Contract Execution	02/24/21 – 03/10/21 (estimated) 04/14/21 – 04/27/21 (estimated)
17	Award Approval by BRETSA Board	Monday, 03/22/21 Monday, 05/03/21
18	Project Implementation Begins	Wednesday, 03/24/21 Wednesday 05/05/21

SECTION 4.0 CONSOLE FURNITURE REQUIREMENTS
REPLACE REQUIREMENTS UNDER SECTION 4.0 IN ITS ENTIRETY WITH THE FOLLOWING:

4.1 Stability – Function

4.1.1	The console furniture must be designed specifically for 24/7 operations in an emergency communications center environment. Please describe how your console product will meet this requirement.
4.1.2	The console furniture must be modular in design so as to be easily reconfigured and upgraded. Please describe how your console product will meet this requirement.

4.2 Input support surface

4.2.1	Describe how the console furniture provided in this bid is adjustable. Provide details on what aspects of the workstation can be adjusted. Please describe how your console product will meet this requirement.
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4.3 Monitor Viewing Support

4.3.1	Describe how your product provides adjustability for various monitor heights, viewing distances and angles. Please describe how your console product will meet this requirement.
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4.4 Support Adjustments

4.4.1	Provide details on how your product provides various types of mechanical and powered support adjustment mechanisms. Please describe how your console product will meet this requirement.
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4.5 Partition Screens

4.5.1	Partition screens may be desirable in different sizes and materials. The agencies currently use partitions and are interested in learning from bidders as to how the existing partitions can be upgraded, replaced and or removed based on the bidder's product offerings. Please describe how your console product will meet this requirement.
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4.6 Equipment Enclosures

4.6.1	The bidders should describe in detail their product offerings that will allow for housing electronic equipment with adequate cooling and ventilation. Please describe how your console product will meet this requirement.
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4.7 Cable Management Rail

4.7.1	The bidders should be aware that the agencies require that ease of use and tidiness of cable management, which is of paramount importance. Please describe how your console product will meet this requirement.
4.7.2	The agencies require the cable management be sturdy and able to stay closed when at capacity. In addition, the cable management is easily opened and closed repeatedly as needed.

4.8 Enclosures – Personal Storage

4.8.1	The agencies are interested in finding out what personal storage options at the console position your product provides. This is per shift storage for a dispatcher at the console. Please describe how your console product will meet this requirement.
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4.9 Materials

4.9.1	The equipment proposed must be guaranteed for heavy use in a public safety 24/7 environment and must be of sturdy construction. Please describe how your console product will meet this requirement.
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4.10 Electrical Requirements

4.10.1	Every console will have electrical and power capacity and follow industry standards. Please describe how your console product will meet this requirement.
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4.11 Wire and Cable Management

4.11.1	The console must include cable management with equipment enclosures that comply to industry standards. Please describe how your console product will meet this requirement.
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4.12 Environmental Control System

4.12.1	The agencies require environment controls, comfort systems and lighting. Please describe how your console product will meet this requirement.
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4.13 Task Lighting

4.13.1	The console equipment should accommodate various light controls. Please describe how your console product will meet this requirement.
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4.14 Experience and References

4.14.1	The manufacturer of the console furniture being proposed must have a proven record of product longevity and customer service in a 24-hour operating environment for public safety dispatch centers of similar size to this request.
4.14.2	The manufacturer of the console furniture being proposed must have a minimum of 3 years' experience in designing, manufacturing, and servicing ergonomic console furniture will be considered.
4.14.3	The manufacturer of the console furniture being proposed must provide references for similar sized projects that were installed within the last 3 years; include the agency name, location, number of positions, and contact.

4.15 Space Planning and Console Specifics

4.15.1	Perspective drawings are required with the response submission and must include height, width, and depth dimensions in order to determine compliance with the specifications.
4.15.2	All accessories being proposed should be shown in the drawings and clearly marked on the drawings as added cost accessories.
4.15.3	Customer-provided list of electronics such as monitors, telephones, keyboards, mice, etc. shall be shown, to scale, in the 3-dimensional/perspective drawings.
4.15.4	The manufacturer of the console furniture being proposed must define what console furniture is considered prebuilt and what is custom product.

4.16 Warranty, Service and Maintenance Agreement

4.16.1	The bidder and manufacturer must provide at least a three-year warranty coverage for all product, delivery, and installation; no costs associated with replacement or repair of any portion of the product or installation will be passed on to the customer during the first three years of warranty.
4.16.2	The bidder and manufacturer must provide Lifetime warranty on all structural components. After three years, labor and installation expenses associated with the product replacement under the warranty will be assessed on a case-by-case basis.

	Products not covered for life include: electrical components, monitor arms, and the input platform mechanisms. Bidders must describe their warranties and specify what products are covered which are being proposed under this procurement.
4.16.3	The bidder and manufacturer must provide an optional service and maintenance agreement that can be quoted upon request, to mitigate hidden expenses associated with product replacement after the initial three-year period. The optional service and maintenance agreement must cover additional required installation and regularly scheduled service that may occur after the three year warranty period expires.
4.16.4	The bidder shall disclose where the service and maintenance personal are located. Specify whether this is local or remote. Provide the location(s) that would provide support to the BRETSA agencies.
4.16.5	The bidder will disclose where its replacement parts are inventoried and readily available in the event, they are needed to restore functionality to a console position. What is the timeframe to fix a console in an emergency? Are parts stored in the continental United States or does the bidder rely on supply chains outside the continental US to provide parts?

4.17 Lead Time and Installation

4.17.1	The manufacturer must provide lead times and identify date of order and proposed final installation at each location.
4.17.2	The manufacturer must include a shipping estimate for direct, inside delivery to the facility.
4.17.3	The manufacturer must provide a plan for a post-installation walkthrough intended to confirm full compliance to the floor plan, console design, and materials specified.
4.17.4	The manufacturer must provide a detailed plan for training all users and support staff in the proper use of all adjustment controls, ergonomic functions, and technical access.
4.17.5	The manufacturer must provide user manuals.

4.18 Product Certifications

4.18.1	Bidder must provide all the product certifications e.g. ANSI standards, etc. that apply to the products being proposed for purchase under this specification. Please describe how your console product will meet this requirement.
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4.19 Removal of Existing Console Furniture and Clean-up

4.19.1	Bidder shall remove existing console furniture from the each of the four PSAP facilities to a predetermined local site.
4.19.2	Only the manufacturer's factory installers or their trained and authorized designees experienced with the working environment of a public safety dispatch center shall disassemble and remove existing console furniture.
4.19.3	During performance and upon completion of work on this project contractor will remove all unused equipment and instruments of service, all excess or unsuitable

	material, trash, rubbish and debris, and legally dispose of same, unless otherwise directed by these specifications. Contractor shall leave entire area in a neat, clean and acceptable condition as approved by the four BRETSA Agencies.
4.19.4	During removal of the rubbish and packing equipment is the responsibility of the bidder to provide its own dumpster. Planning and location of a dumpster must be coordinated with each agency prior to shipping any equipment to an agency site.

4.20 On-site Installation (COVID Guidelines)

4.20.1	Be advised that your firm will be required to follow Colorado and Boulder County medical guidelines for on-site interactions with the agencies. Please describe how your on-site resources will meet this requirement.
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SECTION 5.0 PRICING
REPLACE SECTION 5.0 IN ITS ENTIRETY WITH THE FOLLOWING:

Agency & Description		Each Price	Total Price
Boulder County Sheriff			
Console Furniture	10 Dispatch Consoles		
Removal of Electronics from Existing Consoles			
Installation of New Console Furniture			
Re-installation of Electronics into Console Furniture			
Freight/shipping			
Removal of Existing Console Furniture to Local Site			
Other costs			
City of Boulder			
Console Furniture	10 Dispatch Consoles		
Removal of Electronics from Existing Consoles			
Installation of New Console Furniture			
Re-installation of Electronics into Console Furniture			
Freight/shipping			
Removal of Existing Console Furniture to Local Site			
Other costs			

City of Longmont			
Console Furniture	10 Dispatch Consoles		
Removal of Electronics from Existing Consoles			
Installation of New Console Furniture			
Re-installation of Electronics into Console Furniture			
Freight/shipping			
Removal of Existing Console Furniture to Local Site			
Other costs			
University of Colorado			
Console Furniture	5 Dispatch Consoles		
Removal of Electronics from Existing Consoles			
Installation of New Console Furniture			
Re-installation of Electronics into Console Furniture			
Freight/shipping			
Removal of Existing Console Furniture to Local Site			
Other costs			
Grand Total	35 Dispatch Consoles		



**RECEIPT OF LETTER
ACKNOWLEDGMENT**

December 10, 2020

Dear Vendor:

This is an acknowledgment of receipt of Addendum #3 for RFQQ #7183-20, 911 Center Console Furniture Replacement.

In an effort to keep you informed, we would appreciate your acknowledgment of receipt of the preceding addendum. Please sign this acknowledgment and email it back to purchasing@bouldercounty.org as soon as possible. If you have any questions, or problems with transmittal, please call us at 303-441-3525. This is also an acknowledgement that the vendor understands that **due to COVID-19, BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org.**

Thank you for your cooperation in this matter. This information is time and date sensitive; an immediate response is requested.

Sincerely,

Boulder County Purchasing

Signed by: _____ **Date:** _____

Name of Company _____

End of Document