



Purchasing Division

ADDENDUM NO. 2

DATE: March 22, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Design/Build Communication Tower, Shelter Foundation Construction, and Snow Load Building Cover at Grand Mesa RFP-4484-18-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Q. Do you have a CAD file of the existing site layout? We need the dimensions of the existing layout as current condition shows an existing tower and shelter building in the same compound. Online GIS map does not provide enough information to draw accurate site plan.
 - A. Yes We have a Site Survey Drawing from Sept. 2017
2. Q. What is the Risk Category of this project, per 2012 IBC table 1604.5, category I, II, III or IIII?
 - A. ECM: The tower will fall under a Category IV per 2012 IBC as a facility required for emergency response.
3. Q. The snow loading is 100 lbs. PSF?
 - A. ECM: 100 PSF at a minimum.
4. Q. Can we use heavy duty grips strut on top (not a metal deck or similar enclosed application)?
 - A. Heavy duty grips strut on top of the tower "Crows Nets" is acceptable , as long as it does not deviate from proposed tower manufactures specifications, or change the load capacity based on the proposed engineering specifications of the tower?
5. Q. Is it a must to have this ice shield frame with a 30 to 50-degree slope? That will raise the framing to 14' above ground on higher side?

- A. Yes the Ice Shield/ Building Roof is to maintain a Minimum 30% Degree slope, to allow the roof to shed the snow load to the south of the Building, while helping deflect deflecting falling ice from the tower. The building roof shall extend past the building footprint to cover all protruding objects from the building (Power, Air conditioners, exc..) The intent is to extend past and cover the Ice bridge section where it runs south along the southern edge of the building, where in alignment with the building to keep the snow from the roof cover from "Dumping" on top of the ice bridge.
6. Q. How wide will the fence gate be?
- A. Minimum of 14 feet wide.
7. Q. Will the fence gate be single or double gate?
- A. Double gate preferred, but not required, as long as we meet the minimum
8. Q. The RFP requires structural calcs for the ice bridge. Typically, it's a prefabricated item. Do we need structural calcs for the ice bridge?
- A. ECM: The fabricator of the bridge should provide the qualifying calculations.
9. Q. The industry practice is to bury the ice bridge post into its pier foundation. The base plate and anchor bolt will need periodic maintenance. Can we bury the ice bridge post in concrete?
- A. ECM: Refer to your geotechnical/structural engineer's recommendations.
- 10.Q. What is the structural class for the tower (per G code) I or II or III?
- A. ECM: Class III tower structure as there is no redundancy in the current system for the proposed area coverage. ANSI/TIA-222-G, Addendum 2 Annex A Section A.2.2 further defines Class III structures based on reliability criteria: Structures used primarily for essential communications such as civil or national defense, emergency, rescue, or disaster operations, military and navigation facilities
- 11.Q. Do you want the tower platform rails to exceed the height of the tower (150')?
- A. Yes The tower should be 150 FT, at the Deck of the "Crow's Nest" with the rails to extend above per applicable codes , Upper tower Mounts should be accessible from the Crow's nest
- 12.Q. What is the center line on the tower you want the platform floor at?
- A. Platform will be at the top of the tower 150 FT
- 13.Q. Can the coax ducting run under the building?
- A. Preferred would be alongside the building, but if the building foundation work allows for under the building, is acceptable.

14.Q. Do you want ice shields for the microwave dishes?

A. Yes, where applicable

15.Q. Do we need to have the Professional Liability & Errors and Omissions Insurance policy before we bid, or can we purchase it if we win the bid?

A. Contractor shall provide Insurance Certificate, as per the Insurance specifications in the solicitation document, upon contract award.

16.Q. Is the city of Grand Junction responsible for providing all the information needed to lease the site from the BLM?

A. Yes.

17.Q. Does the current grounding ring, that we will tie into, meet the 10 ohms and R56 grounding requirements?

A. Grounding Ring testing and certification to maintain the R56 requirements is the responsibility of the contractor. The condition of the existing grounding ring is not known at this time.

18.Q. What happens if it does not comply to R56 10 ohms?

A. The tower and external facilities are the responsibility of the contractor to meet the R56 specifications. The tower, building and site construction shall pass R56 grounding standards once completed. The internal build R56 standards will be completed by the city of Grand Junction.

19.Q. Do you have a preference for which direction the building doors face?

A. Yes the build doors shall be on the north side based on the layout plan provided, the generator room shall be on the west side of the building with the power pulled to the north west corner, the radio, equipment room will be on the east side of the building with the Ice bridge running to the south, turning north into the building midway down the building

20.Q. Can we face the building doors to the SW (long side of fence) and use the coax ports between the air conditioners to shorten the ice bridge run? (This will also give easier access to refuel the generator)

A. The build doors shall be on the north side based on the layout plan provided, the generator room shall be on the west side of the building with the power pulled to the north west corner, the radio, equipment room will be on the east side of the building with the Ice bridge running to the south, turning north into the building midway down the building

21.Q. I would like to clarify what you mean by "30%" plans. I assume it to mean you want just a general site plan without a lot of detail?

A. Yes 30% is in reference, generally stating the plan shall have enough detail to convey intent of site construction.


22. Q. If we provide tower design, tower drawing and tower foundation drawing – will this comply with bid request for 30% drawing? It's very unusual to ask for stamped drawings for the bid in the hope that we will win this as engineered drawings will cost us \$1500. Happy to do this if we are awarded the biz – just making sure.

A. ECM: 30% drawings do not need to be stamped.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written in a cursive style.

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado