

PN65253, 16th CAV GIB, Ft Benning, GA.
Phase 2- Questions.

1. Please provide the BIM workspace for the Ft Benning seed project per Para. 3.7.1.6 CAD System and Building Information Modeling on page 109 of 636.
**See attachments or other files in this amendment "USACE-Bentley-DataSet.pdf"
2. Please supply the link or the file for the Ft Benning installation design guide.
**The general guidance is to use Appendix X Architectural theme and Appendix Y Harmony Church Area Development Guide instead of the IDG. If there is a specific question that refers to the IDG, we will answer it case by case bases.
3. Para. 5.13 Security - Will the GIB be set such that structural hardening is required? Please note that if it is set so that structural hardening is necessary, it will increase the cost of the building.
**Preliminary siting of the GIB meets minimum ATFP setback requirements. It is the contractor's responsibility to ensure all applicable ATFP requirements are met to account for UFC setback distances from parking, roads, other buildings, etc.. The contractor must coordinate the exact location with the Site Contractor. If the Contractor chooses to make location adjustments for the GIB, then the contractor must provide the required Force Protection measures in the design and construction. Building contractor needs to properly design/place ground mechanical equipment if used, to meet UFC AT/FP requirements.

Along the same lines, will the GIB require blast resistant windows? The building contractor will need to know whether or not the appropriate stand off distances are met in order to design and price appropriately.
**Contractor is required to meet all applicable ATFP requirements. Please refer to UFC 04-010-02 (January 2007 changes), table 1 for applicable protection design criteria.
4. Is this contract responsible for any landscaping work within the 5' limit of the RFP?
**Landscape within 5ft line is the GIB contractor responsibility. Please refer to Appendix W. Demarcation Matrix for more information.
5. Will responsibility for providing electrical power (conduit, wiring, devices) for site items (for example lighted bollards, site lighting, parking lot lighting, irrigation control systems, etc) be in the GIB contractors or site contractors scope?
**Items within the 5ft line (like lighting attached to a bldg or in close irrigation, etc.) are the GIB contractor's responsibility. Please refer to the Appendix W. Demarcation

Matrix for more information.

6. Are there any design elements or materials already approved for future buildings in this immediate area that the GIB needs to complement or match to achieve a unified look for this area of the base?
**16th Cav renderings will be avail at a future date after it is awarded. Refer to the Appendix X and Y for architectural theme and development guide. Also see attachments or other files in this amendment.
7. During this submittal process, how do we coordinate anticipated LEED credits that may extend past the 5' building limit?
**Please refer to the Appendices L thru O for more information concerning LEED requirements and responsibilities of Site Contractor and Building contractor. Contractor must coordinate with site contractor for anticipated LEED credits.
8. What latitude is there to affect the building footprint within the current 5' limit - i.e.: larger or smaller than that indicated on the Conceptual Plan?
**The layout provided is only a concept. It is the contractor's responsibility to design the facility to meet all RFP design requirements, building codes, applicable criteria, and GIB Standards including ATFP requirements. If the contractor finds a more efficient, and functional design that meets all the applicable criteria, we will accept and evaluate proposals with alternate layout designs.
9. What is the schedule for planning the remainder of the site outside the 5' limit?
**The award of the 16th Cav site is scheduled for August 2008 with design starting in September 2008. Until then only the site information provided in the RFP is available.
10. What is the responsibility of the GIB contractor to address terrorist mitigation outside the 5' limit, if any? Will this be addressed by the sitework contractor? How can it be coordinated for this submittal?
**The GIB contractor is responsible for ATFP requirements as it relates to the building at the minimum ATFP standoff distance. The GIB contractor must coordinate any proposed ATFP site work with the site contractor. The site contractor is required to provide site ATFP elements and ensure minimum setback distances are established and maintain. Refer to the Appendix W. Demarcation Matrix.
11. Could the building be 1 or 2 stories taller to lessen footprint impact on the site?
**The contractor may use or not use the concept layout provided in to RFP. However the contractor must provide all the spaces required and shown in the concept layout provided in the RFP. There is no restriction on the footprint, however the contractor must be aware of the ATFP setbacks and

progressive collapse requirement for all Military construction. The contractor is required to mean on applicable criteria.

12. Could a basement and first floor be provided in lieu of two stories above grade?
**The contractor may use or not use the concept layout provided in to RFP. However the contractor must provide all the spaces required and shown in the concept layout provided in the RFP. There is no restriction on the footprint, however the contractor must be aware of the ATFP setbacks and progressive collapse requirement for all Military construction. The contractor is required to mean on applicable criteria. **The layout provided is only a concept. It is the contractor's responsibility to design the facility to meet all RFP design requirements, building codes, applicable criteria, and GIB Standards including ATFP requirements. If the contractor finds a more efficient, and functional design that meets all the applicable criteria, we will accept and evaluate proposals with alternate layout designs.

13. To what extent is emergency power a requirement?
**Emergency power is required per NFPA Life Safety Codes. This is a non-critical facility; therefore operational back power is not required. Contractor must meet all RFP applicable criteria.

14. Separate notices to proceed (NTP) are planned for design and construction. If it is more economical to fast-track certain on-site activities, could these overlap?
**A separate NTP for construction will be issued once the site becomes available per RFP. Until the Dog Kennel located on and adjacent to the GIB site is resolved, the contractor will only be issued Design NTP.

15. Most of the existing buildings have exterior downspouts, discharging water at grade. How will storm water discharge be addressed by the sitework contractor?
**Contractor must coordinate any site impact issues with the Site contractor. The Site contractor can not plan for drainage without building plan information. Refer to Appendix W. Demarcation Matrix.

16. The Work of this project stops 5' from the building. Can we assume chillers will be placed at grade beyond the 5' limit or would they have to go on the roof?
**If the contractor proposes any mechanical elements outside the 5 foot line, then the contractor is responsible for the design and construction of such elements and must coordinate with the Site contractor. Refer to Appendix W. Demarcation Matrix.

17. Can the Building Contractor use Autodesk Revit Architecture 2009 to submit IFC, non-native(flattened) Microstation and native Revit formats. Revit produces IFC compliant files of 2x3 and better, but there is a problem. The passage on page 141 of 636 see para. 3.3.1 BIM and CAD data: "provide the Model, Facility, Workspace and CAD Data files in native Bentley BIM/CAD and interoperable formats...." This would require us to buy Bentley Architecture in order to Convert our IFC files (from Revit) into Bentley BIM native file and goes against the spirit of the IFC format. The previous passage conflicts with Section2 -Design Requirement 2.1 Drawings on Page 139 of 636 which reads: "specification of a CAD file format for these Drawings does not limit which BIM application(s) or software(s) may be used for project development and execution." Does the corps just want Bentley CAD, but not native Bentley BIM? If so, we could export it to a DGN file, but note it would not be a Bentley Architecture BIM file. Please advise.
**BIM submittals shall be fully compatible with the Bentley BIM format version 8.0 or higher. Since the IFC format is not fully compatible between Revit and Bentley at this time. This project requires Native Bentley BIM end products, any other BIM products will not be acceptable for this project. This supersedes all and any sections in the RFP that refers to other software or BIM application format.
18. Page 18 Of 636, para3.2.18, Mechanical Room-"It is anticipated that roof top air handlers will be used on this project." However, in the RFP, page 40 of 65, para 5.3, Preference#2-"No rooftop mechanical equipment if all functional space requirements can still be met in the building." Please advise.
**The Preference is have "No rooftop mechanical equipment if all functional space requirements can still be met in the building". Only go to rooftop units as a last resort.
19. 2) Section 01 10 00, para 6.6, "Note that due to soil conditions, a deep or raft foundation is anticipated." We have reviewed the preliminary subsurface exploration report in the RFP and have visited the site where excavation was underway immediately adjacent. Neither gave us any indication that the site is not well suited to conventional shallow foundations. Is the statement in the RFP truly applicable to this specific site? Have any of the adjacent facilities under contract ahead of this one been designed with deep foundations?
**in the RFP section 01 10 00, para 6.6 Strikethrough "Note that due to soil conditions, a deep or raft foundation is anticipated."
**The foundation design and construction shall be based on the D/B Contractor's final verified Geotechnical investigation and recommendations. See chapter 5 for additional geotechnical requirements.
20. 3) Reference is made in several places about architectural compatibility, not only with base architectural standards but with adjacent buildings. The supplied Civil drawings state

that construction is underway adjacent to this project under contract W91278-07-D-0035, ATB Headquarters and IET Brigade. Would it be possible for the Corps to share the exterior elevations of these proposed buildings so that we can ensure the architectural compatibility that the Government desires?
**Provided, see attachment or other files in this amendment.

21. 4) To what extent will the "Site Contractor" design the utilities for this project? When will the utility design be provided?
** Refer to Appendix W. Demarcation Matrix, The contractor must coordinate with the Site Contractor on utility design.