

	CONSTRUCTION REQUEST FOR INFORMATION RFI No: 5		CONTRACTOR COMPANY: G&C Fab-Con LLC	
			RFI REQUESTER: Huitt-Zollars	RFI DATE: January 29, 2018
PROJECT NAME: Jacksonville National Cemetery			DESIGN FIRM:	
PROJECT NUMBER: 828CM2036	CONST. PROJECT MANAGER: David "Dave" Martino	RFI RESPONDER: David "Dave" Martino	RFI DATE RESPONDED: February____, 2018	

Requested Information/Clarification:

1. Original Solicitation D-B Specifications 2.1 stated that construction will include Memorial Wall, Ossuary, Memorial Walkway, and new Cortège Lane. Amendment 05 Bridging Documents do not include these items. Please confirm if these items are still included, and if so please provide locations and details.

Government Response: These elements were included in error in the original solicitation and are not part of this project.

2. Original Solicitation D-B Specifications 2.1 stated that construction will include FCA corrections. Amendment 05 Bridging Documents does not include these correction. Please confirm if these corrections are still included, and if so please provide specific corrections and locations.

Government Response: All FCA corrections are included in the project requirements as stated in the bridging documents.

3. Original Solicitation D-B Specifications 3.3.d stated that "Security Perimeter Fencing, as required" is included. Amendment 05 Bridging Documents does not address permanent security perimeter fencing. Please confirm if this is in reference to temporary "Construction Fencing with Screening" as shown on Plan Sheets BD-L-1.1 & 1.2, or if permanent cemetery perimeter security fencing is to be provided. If a permanent fence is included, please provide locations, length and details.

Government Response: Perimeter security fencing is not required.

4. Original Solicitation Phase Two Evaluation Criteria, Sub-Factor A Design Concept and Supporting Narrative, requires that a Concept Plan be submitted with the Cost Proposal. If we are not proposing significant changes to the layout shown on the Amendment 05 Bridging Documents, is a Design Concept still required to be submitted with the Cost Proposal? If so, please provide AutoCAD files of the bridging documents for use in preparing the Design Concept for the Cost Proposal.

Government Response: A design concept is not required provided the DB contractor is proposing to utilize the layout depicted in the Bridging Documents. Should an alternate layout be proposed then this alternate design concept/ layout shall be submitted with the Phase II response.

5. Original Solicitation stated "This project will update the existing Cemetery Master Plan to include a phased master planning of the remaining undeveloped area of the 30 acre parcel of the 435 undeveloped acres remaining..." The Solicitation D-B Specification 2.1 states that the master plan update is to "include a phased master planning of the remaining undeveloped area of the 30 acre parcel of land transferred by the City of Jacksonville to VA in 2008." Specification 3.2 states "the Master Plan will develop a plan for all subsequent phases for the balance of the land..." and Section 5 requires that Master Plan documents are to be developed to MP 3 prior to beginning DD and CDs, and completed to MP 5 level of detail. Please clarify if the Master Planning is only for the Phase 2 expansion area and the remainder of the 30 acres, or for the entire 435 acre undeveloped area within the cemetery.

Government Response: Master Planning is not required provided the design concept as shown in the Bridging Documents is followed.

6. Original Solicitation D-B Specification Section 5 requires that Master Plan documents are to be developed to MP 3 prior to beginning DD and CDs, and completed to MP 5 level of detail. Amendment 05 Bridging Documents Section 1.0 states that "there will be no requirement for incremental master plan submissions as long as all development under this project conforms to the layout presented in these bridging documents." Please confirm that as long as no significant changes are proposed to the layout in the bridging documents, only one master plan submittal at MP 5 level of detail is required.

Government Response: As long as no significant changes are proposed to the layout in the bridging documents, only one master plan submittal at MP 5 level of detail is required.

7. Amendment 05 Bridging Documents Section 1.0 requires submissions for DD1 and DD2. May DD1 and DD2 be combined into one submittal?

Government Response: The Government requires incremental submittals as part of the VA submission requirements and process. DD1 and DD2 cannot be combined.

8. Will VA provide topographic mapping of the expansion area for use in preparing the Cost Proposal?

Government Response: Topographic information is limited to the information shown on the Bridging Documents.

9. The Original Solicitation D-B Specifications Section 5 requires that a topographic and boundary survey for the entire undeveloped portion of the site, approximately 30 acres, be obtained. Amendment 05 Bridging Documents did not include this requirement. Please confirm if obtaining a topographic and boundary survey for this area is included in the scope of work.

Government Response: The DB Contractor is responsible to develop all topographic and boundary information necessary to prepare the Construction Documents.

10. The Original Solicitation D-B Specifications Section 5 requires that a topographic and boundary survey for the entire undeveloped portion of the site, approximately 30 acres, be obtained. Please provide the legal description and any previous record maps for the boundary to be surveyed, for use in preparing the Cost Proposal.

Government Response: Boundary Survey is not required for the property.

11. The Original Solicitation D-B Specifications Section 5 requires that geotechnical surveys and tests be obtained. Amendment 05 Bridging Documents did not include this requirement. Please confirm if obtaining geotechnical surveys and tests is included in the scope of work.

Government Response: The DB Contractor shall develop all necessary geotechnical surveys and tests necessary to prepare the construction documents and to document and confirm all engineering and structural designs.

12. Is a geotechnical report covering the expansion area available for use in preparing the Cost Proposal, and if so, will VA provide it?

Government Response: This information is not available.

13. Amendment 01 Response to Blue Cord RFI 10 stated that the Bridging Documents would include the current Master Plan of the 526 acres. Amendment 05 Bridging Documents did not include the overall master plan. Please provide the current overall master plan for the entire cemetery property.

Government Response: The Master Plan will be available to download from our consultant's info exchange site.

14. Will AutoCAD files of the existing cemetery improvements and structures be provided for use in preparing construction plans?

Government Response: The Master Plan will be available download from our to consultant's info exchange site.

15. The Original Solicitation D-B Specifications Section 2.1 said the project will include "approximately 7,800 pre-placed crypt gravesites for casket interments, 750 oversized traditional gravesites, 650 traditional gravesites, 4,400 garden niche or terrace sites, and 6,600 columbarium niches, for a total of 20,200 interment sites." Section 303.a called the 750 gravesites "oversized pre-placed crypt full casket gravesites." Amendment 05 Bridging Documents Section 4 calls for 7,800 standard pre-placed crypts...also include a separate section of 250 oversized pre-placed crypts; 250 full casket plots with headstone support system, 4,400 in ground urn vault cremain sites, and 5,760 new columbarium niches for a total of 18,460 sites. Plan sheets BD-L-1.0 & 1.1 show 7,800 PPC, 250 OPPC, 250 IGCT, 4,400 IGC, and 5,760 Niches for a total of 18,460 sites. Please confirm the number of each type of site.

Government Response: The Bridging Documents indicate the required quantity and type of grave sites.

16. Amendment 05 Bridging Documents Section 4 calls for 250 full casket plots with headstone support system. Please confirm that Detail 3, Typical Private Vault Burial Section on Plan Sheet BD-L-6.2 pertains to these 250 full casket plots, and that furnishing or installing pre-cast vaults in these 4'x10' sites is not included in the scope of work.

Government Response: Private Vault sections with a headstone support system do not require pre-placed crypts.

17. Amendment 05 Bridging Documents Section 4 calls for 250 full casket plots with headstone support system. Plan Sheets BD-L-1.0 & 1.1 show one section labeled IGCT (In Ground Traditional) with 250 gravesites. Please confirm that this IGCT section is for the 250 full casketed plots with headstone support.

Government Response: The IGCT section is for the 250 full casketed plots with headstone support.

18. Amendment 05 Bridging Documents Section 4 calls for 4,400 in ground urn vault cremain sites. Plan Sheet BD-L-604 shows Urn Crypts in a pre-cast quad (2x2) configuration. Please confirm that 1,100 Quad Urn Crypts totaling 4,400 individual burial sites (compartments) is the requirement.

Government Response: The plot size for Urn Vaults is on a 4' x 4' grid. Follow plan BD-L-6.4.

19. Amendment 05 Bridging Documents Section 4 calls for 4,400 in ground urn vault cremain sites. Plan Sheet BD-L-604 shows Urn Crypts in a pre-cast quad (2x2) configuration. Since these urn crypts have a small removable access hatch, may the maximum gradient of the finished ground over the urn crypts exceed the 3% maximum requirement for casket-sized crypts?

Government Response: Gradient shall be kept between 2-3% for all burial sections.

20. Amendment 05 Bridging Documents Plan Sheets BD-L-3.0 & 3.2 show "new sod" in the new burial sections. Please confirm if lawn seeding is acceptable in lieu of installing pre-grown sod.

Government Response: All lawns will be established using the specified sod variety.

21. Will you provide the plans for the existing storm drain systems, for use in preparing the Cost Proposal?

Government Response: All available as-built information will be available download from our to consultant's info exchange site.

22. Where do the existing storm drain systems discharge runoff?

Government Response: See as-built information.

23. Are the lakes/ponds part of the storm water runoff systems? If so, are they used for the purpose of flood retarding and release, or infiltration, or storage for reuse for irrigation?

Government Response: Lakes and Ponds are an integral part of the stormwater management system and are constructed in accordance with St. Johns Water Management District requirements and practices.

24. Will the new Pond 5 need a bottom liner, and if so, what material is used in the other ponds?

Government Response: The pond liners are not required.

25. Amendment 05 Bridging Documents Section 4.2.1 requires amendments to the borrow soil to improve permeability. Section 4.2.3 states that on-site material may need to be amended to meet a minimum percolation rate of 1/2" per hour. What is the purpose for increasing the permeability and percolation rate of the soil? Is infiltration the preferred method of storm water runoff treatment and hydromodification?

Government Response: Amending the soils to achieve the required minimum percolation rate is necessary to avoid surface saturation and to promote the health and viability of the lawns and landscape plantings. Stormwater management methods and practices shall be according to St. Johns Water Management District requirements.

26. The Original Solicitation D-B Specifications Section 303.n stated "Evaluate existing cemetery buildings and retrofit/incorporate Guiding Principles for High Performance and Sustainable Buildings MOU, Renewable Energy Initiatives, and Energy Reduction improvements." Amendment 01, G&C Fab-Con RFI 1 response stated, "This is the correct SOW relating to the buildings: Included in this project is...an evaluation of the existing structures to retrofit/incorporate Guiding Principles for High Performance and Sustainable Buildings MOU and Renewable Energy Initiatives as required." Amendment 05 Bridging Documents did not include either these evaluations or retrofitting the existing buildings. Please confirm that these evaluations and retrofits are not included in the scope of work.

Government Response: Yes this scope is included in this project.

27. Amendment 05 Bridging Documents Section 4.1.2 says Plan Sheet BD-L-7.1 shows road details. Plan Sheets BD-L-7.1 does not show a roadway typical cross-section. Please provide the dimension of the required width of new roadway pavement, not including the width of curbs and gutters.

Government Response: The DB Contractor shall match road sections indicated on the as-built plans available to download from our consultants info exchange site.

28. What is the approximate storage volume needed for new Pond 5?

Government Response: The BD Contractor shall determine the storage volume needed for new Pond 5 based on St. Johns Water Management District requirements.

29. The Original Solicitation D-B Specifications Section 3.3.e included "Irrigation System, including upgrades to the existing cemetery system, as needed..." Amendment 05 Bridging Documents Section 6.3 says "make repairs and adjustments to existing irrigation system as per Irrigation General Study - Site Improvement Matrix," but does not include providing additional or replacement pumps. Exhibit 6.3 Irrigation General Study says on p.37, "The existing pump station is in good condition however, it is not set up for future expansion...the station cannot provide satisfactory volume for the current site let alone future expansion." The Site Improvement Matrix on p.39 of the Study lists the action item for the main pump station to be "Complete phase 1 optimization and utilize existing pump station." Please confirm that providing additional or replacement irrigation pumps is not included in the scope of work.

Government Response: Current irrigation system needs complete optimization. No new pump station is assumed required if entire existing irrigation system is completely optimized per the general study recommendations. These improvements along with an upgraded watershed and "Consumptive Use Permit" shall accommodate approximately 108 acres.

General study views the "hypothetical demands" vs. existing estimates. The full optimization of existing components along with central upgrades the Phase 1 & 2 system has the basic infrastructure to water the Phase 1 and Phase 2 site limits. The general study states that Phase 1 & 2 are adequate for 108± acres. The 435± acre undeveloped area will need additional water/pond sources.

30. Amendment 05 Bridging Documents Plan Sheets BD-L-3.0 & 3.1 show a total of 125 trees ranging in size from 2" to 4" caliper. Please confirm the total number of trees of each caliper to be provided.

Government Response: The design to be prepared by the DB contractor shall utilize planting species placed consistent with the present planting concept and plan. Plant selection will be based on use and location consistent with the existing planting. Sizes will be determined by the schedule on the bridging documents.

31. Will there be any trees required to be planted within the burial sections, and if so, how many?

Government Response: Planting design will be consistent with the design concept of the existing Cemetery.

32. Are there any trees to be protected, and if so, how many?

Government Response: All existing landscape plantings and lawns are to be protected from damage during construction unless their location or grade required removal and replacement.

33. Amendment 05 Bridging Documents Plan Sheet BD-L-7.1 Detail 1 shows concrete pavement on stabilized subgrade over compacted subgrade, and Detail 7 shows concrete pavement (next to the ribbon curb) on compacted subgrade. Please clarify what is to be beneath concrete pavement, and confirm that crushed aggregate base material (i.e. rock) is not required beneath concrete pavement.

Government Response: Stabilized subgrade shall meet the performance requirements noted in Florida LBR 40 with a plastic index of 6. This material can take many forms (Gravel, Sand, other) and is performance based only per Florida standards.

34. Please confirm that new concrete pavement will not have integral color or special finishes (eg, acid wash, exposed aggregate, etc).

Government Response: All new concrete shall be consistent in color and finish with existing concrete in the similar setting within Jacksonville National Cemetery. See provided as-built plans for additional information.

35. Original Solicitation D-B Specifications 3.3.d stated that "Security Perimeter Fencing, as required" is included. Amendment 05 Bridging Documents does not address permanent security perimeter fencing. If a permanent fence is included, can it be galvanized chain link fencing without vinyl coating?

Government Response: Perimeter security fencing is not required.

36. Amendment 05 Bridging Documents Section 4.1.1 requires construction of a new access road. Plan Sheet BD-L-7.1 Detail 2 is for Asphalt Pavement Restoration. Please provide location(s) where Detail 2 is to be constructed.

Government Response: Detail 2 is to be utilized extending Street A into the phase 2 expansion.

37. Amendment 05 Bridging Documents Section 4.1.1 requires construction of a new access road. Plan Sheet BD-L-7.1 Detail 3 is for a Gravel Road. Please provide location(s) where Detail 3 is to be constructed.

Government Response: Detail no longer pertains to the project.

38. Amendment 05 Bridging Documents Section 4.1.1 requires construction of a new access road. Plan Sheet BD-L-7.1 does not include a typical cross-section for new asphalt concrete over aggregate base road pavement. Please provide a typical section with the thickness dimensions of the asphalt concrete and aggregate base layers for new road pavement.

Government Response: Typical cross sections will be provided within the as-built drawings uploaded via info exchange site provided by the VA consultant

39. Amendment 05 Bridging Documents Section 4.8.1 requires construction of a new heavy duty concrete pavement up to the flagpole. Plan Sheet BD-L-7.1 includes Detail 1 for Concrete Pavement. Is Detail 1 intended for use as the heavy duty concrete pavement access for the flagpole? If not, please provide a typical section with the thickness dimensions, reinforcement, and jointing for the portland cement concrete and aggregate base layers for this heavy duty pavement.

Government Response: Detail 1 is for typical concrete sidewalk. Contractor shall design and install heavy duty concrete section to be used at flag assembly as outlined in 4.8.

40. Amendment 05 Bridging Documents Plan Sheet BD-L-6.0 Detail 6 shows two crypt under-drains spaced one crypt apart at end and gap between crypts. Sheet BD-L-6.1 Detail 1 Side View shows two crypt under-drains spaced approximately 2-1/2 crypts apart, neither of which is at a gap between crypts. Other details on BD-L-6.0, 6.1 & 6.4 show only one or no under-drains beneath crypt and urn vaults. What is the required spacing and location for crypt and urn vault under-drains?

Government Response: Under-drain system is required at all pre-placed crypt and pre-placed urn vault burial sections. Contractor shall design each under-drain system to facilitate drainage needs and infiltration.

41. Amendment 05 Bridging Documents Plan Sheet BD-L-7.1 includes Detail 4 Detectable Warning Strip and Detail 7 Ribbon Curb. Sheet BD-L-4.2 Detail 1 shows the Detectable Warning Strip and what appears to be a Ribbon Curb (but is labeled "existing curb") adjacent to the new Columbarium Court. Are Details 4 and 7 of BD-L-7.1 to be constructed along the roadway across the entire frontage of the new columbarium courts? Are there any other locations where these details are to be constructed, and if so, please provide those locations.

Government Response: Construction referenced in the details above are to be used at new columbarium courts only, consistent with existing cemetery.

42. Amendment 05 Bridging Documents Plan Sheet BD-L-7.1 includes Detail 8 Concrete Curb Ramp, to be used at the Gravel Road. Please provide the location(s) where this detail is to be constructed.

Government Response: Concrete curb ramp shall be required at all boat ramp accesses.