

ADDENDUM NO. 1

to Plans, Specifications and Contract Documents for

WILMINGTON INTERNATIONAL AIRPORT (ILM) “NEW PARKING LOT PROJECT”

NEW HANOVER COUNTY, NC
AVCON Project No.: 2022.0286.01

TO: ALL PROSPECTIVE BIDDERS

DATE: 05/19/2023

NOTICE TO BIDDERS

Bidders and other interested parties are informed that the above referenced plans, specifications, and contract documents are hereby revised, changed, and supplemented as set forth below. Bidders must acknowledge receipt of this addendum in the Proposal.

CONTRACTS AND SPECIFICATIONS

- X-WE NEED TO PROVIDE A NEW BID FORM WITH UPDATED ITEMS/QUANTITIES??**

PLANS

- Addendum No. 1 modifies Sheet G-01 by: REMOVE and REPLACE with the attached G-01
- Addendum No.1 modifies Sheet G-03 by: REMOVE and REPLACE with the attached G-03
- Addendum No. 1 modifies Sheet C-03 by: REMOVE and REPLACE with attached C-03
- Addendum No. 1 modifies Sheet C-13 by: REMOVE and REPLACE with attached C-13
- Addendum No. 1 modifies Sheet C-14 by: REMOVE and REPLACE with attached C-14
- Addendum No. 1 modifies Sheet C-19 by: REMOVE and REPLACE with attached C-19
- Addendum No. 1 modifies Sheet C-19A by: INCLUDE with the attached Sheet C-19A
- Addendum No. 1 modifies Sheet C-19B by: INCLUDE with the attached Sheet C-19B
- Addendum No. 1 modifies Sheet C-19C by: INCLUDE with the attached Sheet C-19C
- Addendum No. 1 modifies Sheet C-21 by: REMOVE and REPLACE with the attached Sheet C-21
- Addendum No. 1 modifies Sheet EC-04 by; REMOVE and REPLACE with attached EC-04
- Addendum No. 1 modifies Sheet EC-05 by: REMOVE and REPLACE with attached EC-05
- Addendum No. 1 modifies Sheet EC-06 by: REMOVE and REPLACE with attached EC-06

14. Addendum No. 1 modifies Sheet EC-07 by: REMOVE and REPLACE with attached EC-07
15. Addendum No. 1 modifies Sheet EC-08 by: REMOVE and REPLACE with attached EC-08
16. Addendum No. 1 modifies Sheet EC-09 by: REMOVE and REPLACE with attached EC-09
17. Addendum No. 1 modifies Sheet EC-10 by: REMOVE and REPLACE with attached EC-10
18. Addendum No. 1 modifies Sheet SW-01 by: INCLUDE with the attached Sheet SW-01
19. Addendum No. 1 modifies Sheet SW-02 by: INCLUDE with the attached Sheet SW-02

QUESTIONS AND ANSWERS

1. Question: Is the airport willing to change the Notice to Proceed date due to material lead times?

Answer: ILM will issue the NTP June 7-14 and the project completion is November 3 for Entry/Exit Plaza (parking control infrastructure) and November 17 for project substantial completion. ILM will consider product alternatives for long lead time items that could impact project completion.

2. Question: What is SP+ role on the project? Are contractors responsible for lighting or is SP+?

Answer: The installation of ground loops and associated parking control equipment will be done by others. The contractor is responsible for the parking control infrastructure (conduit, wiring, concrete curbing, bollards). The contractor is responsible for area lighting.

3. Question: Who handles Quality Assurance and Quality Control? Will Quality Control be included as an additional bid line item and is there a spec for it?

Answer: Quality control testing is the contractor's responsibility and should be included in each item that is needed.

4. Question: Is there any coordination needed with Duke Energy for this project?

Answer: Coordination is currently being handled by AVCON. Once the contract is in place the contractor will need to coordinate the actual service being installed. The project will include the required conduit from the existing power pole drop to the project site.

5. Question: Is there a certain location where stockpiling is allowed on the airport?

Answer: During construction temporary stockpiles will be allowed adjacent to the project site. Waste shall not be stockpiled for more than 14 days. Permanent stockpile of excess quality soil material (approved by ILM) will be permitted on a site immediately NW of the project site (See Sheets EC-04 – EC-10). Erosion Control permitting of this site will be the responsibility of ILM. Implementation costs of the approved erosion control plan will be the responsibility of ILM. Implementation costs of the approved erosion control plan will be the responsibility of the contractor if permanent stockpiling is to be used and shall be incorporated into bid prices.

6. Question: Are there any restrictions on construction operating hours or working at night for this project?

Answer: No restrictions on operating hours. If area lighting is utilized, coordination with ILM will be mandatory to confirm the lighting is not a hazard for aircraft or the Control Tower.

7. Question: Is there a FAA Form 7460 required for this project?

Answer: ILM will submit the FAA Form 7460.

8. Question: Can the phasing be worked out such that the drainage can be installed first and then activated as the E&S Phases are progressed? Maybe there is an initial phase that allows them to install all the drainage with minimal disturbance.

Answer: It is the intent to follow the construction sequence shown on the E&S Plans. Any deviation will be considered and coordinated with NCDEQ if needed.

9. Question: Airport has mentioned the possibility of making the project a lump sum contract. Has the airport determined the type of contract for this project?

Answer: ILM has decided **NOT** to make transition to a lump sum contract. This project and bid will remain a unit price contract.

10. Question: What is the proposed conduit size that is to be ran from pole to pole?

Answer: The proposed electric conduit shall be 2" Schedule 40 PVC.

11. Question: What are the required terminations at each pole?

Answer: See notes on Sheet C-21.

12. Question: Do these conduits need to be concrete encased?

Answer: Electric conduit will not have to be concrete encased.

13. Question: Is there a detail for the existing pole to be relocated including the pole base detail?

Answer: Existing pole will not be needed for project. The existing pole shall be removed and returned to the airport property. See Sheet C-21.

14. Question: Where is the location of the pole to be protected and relocated in relation to the existing pole location?

Answer: Existing pole will not be needed for project. The existing pole shall be removed and returned to the airport property. See Sheet C-21.

15. Question: Is there a pole base detail for the new Duke Energy poles?

Answer: Pole base detail has been provided. See Sheet C-21

16. Question: Will Duke Energy be supplying and installing the poles?

Answer: Contractor shall supply and install all light poles.

17. Question: Will Duke Energy be installing the wiring needed in contractor provided raceway? If not, what is the proposed wiring size that is to be ran from pole to pole?

Answer: The proposed electrical conduit for all light poles shall be 2" Schedule 40 PVC. Contractor shall install all conduit and wiring. Duke Energy will install the wiring from the drop to the meter base at the project site.

18. Question: Are all of the new lights being added to an existing lighting circuit?

Answer: The new area lights will be on their own new circuit.

19. Question: Where is the electrical for the gate arms being fed from?

Answer: Parking infrastructure electrical information can be found on Sheet C-19B AND C-19C.

20. Question: Who will be providing and installing the gate arms?

Answer: The purchase and installation of the gate arms will be done by others.

21. Question: How are the lights to be controlled? (Timeclock, photocell, existing contractor, etc.)

Answer: The lights to be controlled by photocell unless otherwise instructed by the Airport.

22. Question: Note 1 on Sheet C-19 says "Contractor shall back fill trench with flowable fill, or approved concrete." Does this include the conduit for the parking lot light poles as well? Will this fall under the NCDOT 846 spec concrete or FAA P-610 concrete? Will ASR Testing be required on this concrete?

Answer: Note has been removed. See sheet C-21 for light pole conduit requirements.

23. Question: What is the intended size and type of wire intended for the lighting circuitry?

Answer: The intended size for the electrical conduit for all lighting is 2" Schedule 40. A note has been added to Sheet C-21 indicating the conduit size. The minimum gage wire is 12AWG for the area lighting circuit. The wiring for parking control will be done by others.

24. Question: The Duke Energy light poles that are called out on the drawings, "Sanibel LED", are potentially backordered. Is the airport open to another style light that Duke has to offer? If so, will there need to be a new photometric design for a different style of light?

Answer: The "Sanibel LED" lights are the preferred light poles since they match other existing parking light poles for the airport. The airport prefers the "Sanibel LED" lights, however alternative light fixtures could be proposed if it improves lead time and it is an approved equal by the Engineer/Airport.

25. Question: Where will the power for the SP+ equipment be fed from?

Answer: The power for the parking control equipment will be fed from a proposed power box as shown on Sheet C-19B and C-19C.

26. Question: I take it that if the deduct items are used then the additive item will be used to bring the top of stone to the proposed plan elevation?

Answer: The deductive items are considered a separate bid item and not related to the additive bid item. There is a proposed master roadway plan for ILM airport and this project is the first phase of many. The airport has decided to include the deducted bid quantities to have flexibility of certain items. The additive bid item is to have adequate embankment to tie into the progressing roadway improvement project if needed.

27. Question: I have done a dirt takeoff and I am coming up with 15,000 CY of borrow and not the 8,700 CY in the bid. It looks like consideration for topsoil strip was not incorporated in the equation when calculating the borrow needed. Could this be the case?

Answer: New quantities have been updated.

28. Question: Will American made casting be required?

Answer: This project is not subject to "Buy American" provisions.

29. Question: On sheet G-03 it states "there is no phasing in this contract". But per plan sheets EC-04 through EC-10, phasing is shown to include complete installation of the ABC stone base. Is this the way this will have to be built?

Answer: Verbiage from G-03 has been removed. All phasing to follow the approved Sedimentation and Erosion Control Permit as outlined in the Erosion and Sediment Control sheets EC-03 through EC-10.

30. Question: If the site is phased, will the conduits and irrigation have to be phased as well, or can it be installed after the site has been covered by stone?

Answer: Yes. Conduit will have to be phased in the Erosion and Sediment Control Plans.

31. Question: Safety Plan calls for a gate and a guard, but we also have the option to barrel or cone off the perimeter, is the gate and guard really needed?

Answer: Plans have been revised and gate guard will not be needed.

32. Question: Is there a water source if needed and does the contractor have to supply the meter and backflow? Any charge for the water used?

Answer: No water source will be provided by the Airport for this project. Any water needed for the project will be the responsibility of the contractor.

33. Question: Any irrigation plans? If irrigation is required what are the GPM

Answer: There are no irrigation plans for this project as it will serve as a temporary lot.

34. Question: What type of mulch? Seed or Sod?

Answer: Type of seeding and mulching can be found on Sheet EC-01.

35. Question: Total mulch in islands? Seed or sod?

Answer: Islands shall be grassed and meet requirements listed on sheet EC-01.

36. Question: Are light poles direct bury? If foundation is required, is there a design?

Answer: Pole base detail has been provided. See Sheet C-21. The wiring will be in conduit between poles.

37. Question: Light poles and fixtures supplied by Duke?

Answer: Light poles and fixtures shall be supplied by the Contractor.

38. Question: Where is the power source? Any information on it?

Answer: See sheet C-21 for location of power source and requirements.

39. Question: I don't see any design for the concrete island for the card readers and gates? Are these by others?

Answer: Detailed concrete island information can be found on Sheet C-19B. The contractor is responsible for the parking control infrastructure (power conduit, concrete curbing, bollards). SP+ will be installing all low/high voltage quazite conduit, data conduit, card readers, gates, and sphere equipment.

40. Question: It appears that the 6" curb must have a 6" reveal, what is the total height of the 6" curb?

Answer: See Sheet C-14 for detail.

41. Question: Bollards typically come in 7' lengths or if you but a stick of pipe you cut it into (3) 7' pieces. Plan shows the bollards at 8' long, doing this waste a 5' piece of pipe and increases the cost of the bollards. Can this be changed to 7'?

Answer: Concrete bollards have been adjusted to 7'.

42. The bid item refers to NCDOT 235 for "Unsuitable Excavation" in the spec book. However, there is no information regarding this item. Can we get some clarification on what this item is inclusive of?

Answer: NCDOT 235 spec has been revised.

43. NCDOT 235 refers to settlement gauges, are settlement gauges going to be required? If so, how many?

Answer: Settlement gauges are not required for this project.

This **ADDENDUM NO. 1** forms a part of the Contract Documents and modifies the original plan drawings and specifications dated **DATED MAY 2023** as noted and included herein. Acknowledge receipt of this ADDENDUM in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

END OF ADDENDUM NO. 1