

TOWN OF SOUTHWEST RANCHES, FLORIDA
Stirling Road Guardrails Installation Project
IFB No. 17-006
Monday, September 18, 2017

ADDENDUM 2

1. **Question:** What is the soil type, description and any technical details available.

Answer: No soil borings were performed for this project. As mentioned in the previous addendum, the soils are reported by the NRCS as Hallandale Fine Sands which generally have bedrock 16-26 inches deep. General technical data about these soils are readily available through the NRCS website.

2. **Question:** What is the height and gradient (X:1, H:V) of the slope?

Answer: Slopes vary, select, representative cross sections were part of the plans provided.

3. **Question:** Are there any stability concerns?

Answer: Yes, there is a concern with the stability of the banks if the contractor does not exercise due care when installing the guardrail. Some sections of the work occur close to, and on the canal slopes. These existing slopes have held for years, however care will need to be taken during installation of the guardrail.

4. **Question:** Are they any significant risk concerns (roadway sluffing, etc)?

Answer: Not significant, just those mentioned above.

5. **Question:** What is the approximate area to be protected in square yards?

Answer: As mentioned in the addendum 1; For the purpose of the bid, the estimated canal bank restoration area is 80 square yards. You can assume there will be a total of 4 locations requiring restoration at 20 SY each. You can assume the existing slopes are about 1.5H:1V. The length of each restoration can be assumed at 15 feet +/- . The existing canals vary in depth but average about 7 feet deep from top of bank to the bottom on the road side with water standing about 4 feet deep. The soils are Hallandale fine sands which generally have bedrock 16-26 inches deep.

6. **Question:** Is there any concern about surface or subsurface moisture or runoff?

Answer: No, only on areas disturbed during construction or newly installed/restored canal banks.

7. **Question:** Any other design conditions?

Answer: No.