

## Addendum 4: Questions and Answers

1. In spec section 01 11 00 paragraph 1.6.1 and again in 30 00 00 paragraph 1.3– the contractor is essentially required to investigate, characterize and quantify material needed to be removed, replaced or reworked to provide suitable subgrade for dike fill placement.
  - a. Is the contractor responsible for undercut and replacement of unsuitable subgrade material? If not, how will this activity be measured and paid?

There is no need to remove any material off site. The specs say this to let contractor know there are some soft areas and that he needs to select suitable equipment. There is no requirement for removal and backfill of unsuitable subgrade. Compaction requirements along the centerline should conform to the compaction specs. The side slopes will likely require case by case basis. A dozer should be sufficient.
  - b. Is subgrade required to meet the same compaction requirement as dike fill placement – 95% of Mod Proctor  
Compaction requirements begin with first lift of dike fill placement.
2. In spec section 01 20 00 paragraph 1.3.1 – water control structure modifications include concrete weir wall construction. Scope related to this work is unclear based on our review of the contract plans and documents. Can you provide further clarification?

References to concrete weir wall were removed. The only work is some patching at the corner where the portion of wingwall is also being replaced.
3. In spec section 31 00 00 paragraph 1.4.1 – it states that silt fence shall be installed in the interior of the dike construction template as shown on plans. E&S plans C-002 through C-007 show no silt fence.

Silt fences will not be required along the dike. Silt fence will be required for stockpiles on upland portions of the staging area to conform to DNREC standard storm water plan. This plan will be acquired through DWF staff so it is free with the assistance of the awarded contractor who will determine where they want their stockpile.
4. In spec section 31 00 00 paragraph 1.4.4 – related to the degrading of dike material required for fill placement (also shown as cut on plans C-004 through C-007 and typical sections on C001A), how is this scope of work to be measured and paid? The quantity of material is unknown and may change depending on the alternates selected. It further notes that the degraded material is to be used within the dike construction template. Per 01 20 00 1.2.2 Dike Fill is to be measured based on truck weight tickets. Degraded material will not be going over a scale so how will this material be measured and paid?

Degraded material is approximately 1200 cubic yards. It should be included in the dike fill pay item.
5. In spec section 31 00 00 paragraph 1.4.2 – it states that 4” of topsoil is to be stripped and disposed of outside of dike construction locations. Is topsoil stripping to be considered an incidental activity to Dike fill placement? Where can we stockpile stripped topsoil and can it be reused for restoration?

Yes. Stockpile in an area onsite, approved by DFW.
6. In spec section 32 92 19 paragraph 1.0 - it states that seeding shall include placement of a minimum of 4” of topsoil on all constructed slopes. If there is not enough topsoil from the stripping activity to respread required areas – who is responsible for the importing additional topsoil?

The contractor is responsible for meeting the top soil requirement. This is by either using the existing top soils on site or brining in top soil. It is also mentioned in the seeding and mulching pay item.

7. Please confirm that the engineer design requirement included in section 35 00 80 1.3.3.1 has been removed.

Yes, it has.

8. During the pre-bid site visit, a significant amount of RipRap slope protection was observed at the toe of the existing dike on the impoundment side within the proposed dike construction template. How is this material to be handled?

There is not much on the inside. Rip Rap should be incorporated towards the inside of the dike so it does not have to be excavated and handled. Incorporate it into the overall costs.