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To: [REDACTED] (USAID-OIEE)

From: [REDACTED]

Date: 20 August 2011

Re: **WO-LT- 0005 Gazi Boys High School - Substantial Completion Inspection
17 August 2011, Tetra Tech Observations and Comments on IRD Inspection
Report**

Tetra Tech has reviewed the following items as requested by USAID during the substantial completion inspection at Gazi Boys High School (GBHS) 17 August 2011:

1. Insulation for the diesel lines associated with the Emergency Generator System.
 - a. The Plans and Specifications do not require insulation for diesel fuel lines.
 - b. Depending on the source and make up of fuel, certain variable constituents, for instance paraffin wax, content could conceivably solidify at low temperatures resulting in impedance to flow at the filters. This consideration is not usually a concern for design at the range of temperatures encountered in Kabul. If local diesel supplies are known to contain high concentrations of paraffin wax, or other constituent that tends to solidify at low temperatures, a cold weather additive (for instance kerosene) would normally be added by the fuel supplier.
2. Incorrect grading in the north east corner of the property.
 - a. Grading in this section appears to be generally in accordance with the grading plan (Current Drawing Set 03/17/2011).
 - b. However, final grading does not appear complete at the apron around the old single story school building in this area, nor in the areas north of the two school building (Block 1 and Block 2) walkways, and north of the potable water Pump House, as noted in the IRD Substantial Completion Inspection Report.
3. Missing elbow on the overflow of the water storage tank.
 - a. The 150 mm PVC pipe elbow with insect screen shown on Drawing LT0005 C-11 (Current Drawing Set 03/17/2011) was not present at the time of inspection.

Tetra Tech has no other comments to add to the IRD report of deficiencies from the substantial completion inspection at GBHS 17 August 2011.

Cc: [REDACTED] (USAID-OIEE)
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