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August 11, 2016

Mr. Elijah Williams, P.E.  
City of Greensboro, Department of Water Resources  
2602 South Elm-Eugene Street  
Greensboro, NC 27406

Subject: WRF BNR Upgrades and Expansion Project – Change Order No. 1

Dear Mr. Williams:

This letter outlines the proposed scope and cost of additional professional services related to the May 29, 2014 Supplemental Agreement between the City of Greensboro (City) and CDM Smith Inc (Engineer) for the T. Z. Osborne WRF 56 MGD Upgrade and Expansion Project (Project). We discussed additional effort related to the extended overall construction duration of the Project. The extended construction duration will, in turn, increase the duration of the Resident Project Representative and Inspection services as described herein.

### Scope of Services

The Engineer will provide extended field resident project representative and inspection services as described in Task 600 of the Scope of Work for the May 29, 2014 Supplemental Agreement which includes the scope letter dated February 28, 2014 as an exhibit to the Agreement. The extended completion dates will be revised as delineated below:

- RPR – extended thru November 2017 (total duration 36 months)
- Package 2 Inspector – remains thru August 2017 (total duration 28 months)
- Package 3 Inspector – extended thru August 2017 (total duration 26 months)
- Construction Secretary – extended thru February 2017 (total duration 29 months)

Package 2 and Package 3 are currently anticipated to be complete in May 2017, however wet weather delays have the potential to extend the completion dates for these contracts so the extensions for inspection staff noted above have been forecast through August 2017 as noted above. We anticipate the work will be sufficiently complete by February 2017 such that the Construction Secretary position will no longer be required. Assuming the majority of the of the





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construction work will be complete by Summer 2017, the RPR will handle the remaining Package 1 demo and Package 3 wrap up after that.

Task 500 (Contract Administration) and Task 700 (Start-up and Testing) activities will also be ongoing over an extended period. However, no additional funding is currently anticipated to be required for these tasks due to the extended construction duration as described herein.

### **Method of Payment**

The City will increase the not-to-exceed amount by \$350,000 for the extended field inspection services (Task 600). This is inclusive of all labor and expenses associated with the Scope of Services described herein.

The original contract to add Tasks 500 – 700 was in the amount of \$4,989,850 to perform construction phase services. The ENGINEER requests authorization for this Change Order No. 1 under the Scope of Services described herein, after which the total not-to-exceed compensation amount after this change order will be \$5,339,850.

### **Schedule**

The time period of Performance is anticipated to be completed by November 2017.

### **Terms of Agreement**

Terms and conditions for the work are as described in the May 29, 2014 Supplemental Agreement (City Contract # 2014-021).

We would like to thank you for the opportunity to continue working with the City on this project.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Butcher', with a long horizontal flourish extending to the right.

James Butcher, P.E.  
CDM Smith Inc.

cc: Virginia Spillman, City of Greensboro  
Kevin Irby, CDM Smith

