



HAYWOOD COUNTY
BOARD OF COMMISSIONERS

AGENDA REQUEST

***Must be presented to the County Manager's Office
NO LATER THAN 5 P.M. FRIDAY THE WEEK BEFORE THE MEETING***

DATE OF REQUEST: July 29, 2016

FROM: DBF

MEETING DATE REQUESTED: August 15, 2016

*Regular meetings: First (1st) Monday of the month at 9:00 am
Third (3rd) Monday of the month at 5:30 pm*

SUBJECT: McGill Engineering Contracts for 2016 - 2017

REQUEST: Haywood County is seeking approval of three contracts for McGill for ongoing services at the Francis Farm Landfill (FFLF) and Convenience Centers:

Technical Guidance and or Operational	\$20,000.00
Fines Creek Convenience Center Construction	\$23,500.00
Mauney Cove Convenience Center Construction	\$22,200.00

BACKGROUND: McGill has been one of engineering partners the County has used at FFLF and White Oak Landfill. McGill has been working with the County since 2007 with various solid waste projects.

IMPLEMENTATION PLAN: Solid Waste Administrator will oversee contracts and continued project at FFLF.

FINANCIAL IMPACT STATEMENT: The money was budgeted in

SUPPORTING ATTACHMENTS: YES NO HOW MANY? 14

LIST: _____

PowerPoint Presentation: YES NO

PERSON MAKING PRESENTATION AT MEETING: David B Francis

TITLE: Solid Waste Administrator

PHONE NUMBER: 356-2602

E-MAIL: dbfrancis@haywoodnc.net



June 16, 2016

Mr. David B. Francis
Solid Waste and Tax Administrator
Office of County Manager
Haywood County
215 North Main Street
Waynesville, North Carolina 28746

RE: Request for Additional Services
Mauney Cove Convenience Center
Haywood County, North Carolina

Dear Mr. Francis,

McGill Associates is in the process of completing the design for the proposed upgrades to the Mauney Cove Convenience Center. As we have discussed, there have been several design challenges on the project that were not included in our assumptions outlined in our approved Agreement for Engineering Services dated October 19, 2015, and our proposal dated July 6, 2015. These challenges represent a significant change in the general scope of the project as outlined in Section 3 of the Agreement. Therefore, we are requesting that Haywood County consider our additional services request for the items detailed below.

Additional Services

1. The existing off-site stormwater conveyance systems were not adequately sized to handle the final proposed layout of the site as assumed in our original proposal. The stormwater run-off from the current site is carried under Mauney Cove Road through the existing 18-inch concrete pipe on the eastern portion of the site. Due to the expanded asphalt paving and the requirements for stormwater treatment, detailed below, the existing pipe cannot handle the run-off. Therefore, an additional off-site stormwater pipe had to be designed.
2. The original conceptual layout of the site was prepared using the County's GIS property information and topographic contours and showed less than 1.0 acres of disturbed area for the project. Utilizing the new property survey and topographic survey, the actual proposed site plan had to be expanded beyond the 1.0 acres of disturbed area to meet the goals of the County for the operation of the site. Based on rules from the North Carolina Department of Environmental Quality (NCDEQ), the disturbed area now exceeds 1.0 acres and the proposed construction requires an Erosion and Sedimentation Control Permit and a Stormwater Permit to be obtained through NCDEQ. Therefore, we must prepare a permit application for each of these required permits. Our original assumption was that the disturbed area would be less than 1.0 acres and therefore these permits would not be required.

3. As part of the above stated Stormwater Permit, the site was classified a high density development due to the ratio of the proposed impervious surface compared to the property acreage. The high density classification required that the stormwater be routed through a treatment system prior to discharge from the site. These stormwater treatment systems must be designed and permitted.
4. Our original assumption was that there were no wetlands or streams on the site that would require regulatory approval by the Corps of Engineers (COE) or the Division of Water Quality (DWQ). As part of our original scope of services, our environmental specialist performed a site visit to determine if any on-site jurisdictional water exists. Based on this site visit, it was determined that jurisdictional wetlands do exist on the site and would be impacted by the proposed development. Therefore, a 401/404 wetlands impact permit must be prepared and submitted to COE and DWQ for approval.
5. Since the original conceptual plan was to expand the site and leave the existing asphalt paving in-place, a geotechnical investigation was not included. Since the project conception, several areas within the existing paving limits have shown signs of settlement. The decision was made by the County to conduct a geotechnical investigation over the entire site. The results of this investigation show that the sub-grade material under the existing asphalt paving is inadequate to support the proposed use. Therefore, the County has elected to demolish the existing asphalt paving and concrete pads, prepare an acceptable sub-grade, and raise the grades of the site. The geotechnical investigation was contracted directly with the County. Based on the County's decision demolish the existing site and raise the grades, we must modify our proposed site plans and grading plans to address the conditions outlined in the geotechnical report.

Based on the additional services outline above, we respectfully request that the County consider our efforts as Additional Services as outlined in Section 3 of our Agreement of Engineering Services. We request that our fees for this project be increased by the following amounts:

Design and Permitting	\$19,000.00	(Lump Sum)
Construction Administration and Observation	\$3,200.00	(Hourly, Maximum not to Exceed)

Mr. Francis, thank you for the opportunity to present our request for Additional Services. If this request is acceptable to you, please sign below and return one (1) copy of this letter to our office. Please call at (828) 252-0575 should you have any questions or need additional information.

Sincerely,
McGILL ASSOCIATES, P.A.



Mark D. Cathey, PE
Senior Project Manager

cc: Mr. Ira Dove, County Manager, Haywood County
Mr. Danny Bridges, PE, McGill Associates
Mr. Jeff Bishop, PE, McGill Associates

ACCEPTED:

NAME

TITLE

DATE