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: February 2, 2016

FROM: Brek Lanning, HCC Director Campus Development

MEETING DATE REQUESTED: February 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: HCC Public Services Training Facility Project

REQUEST: Approval of "SCO Field Order #1" in the amount not to exceed $94,000 for the purpose of removing unsuitable soils and installing added erosion control measures to be paid from Project Contingency.

BACKGROUND: The HCC Administration is requesting that the BOCC approve "SCO Field Order #1" in the amount not to exceed $94,000. Unsuitable soils were anticipated on the Project Site but quantities were unknown. A third party Soils Engineer has been onsite during the grading phase of the project identifying areas of unsuitable soils and has prepared a soils report. Per "SCO Field Order #1" a third party Soils Engineer will be present during the work associated with "SCO Field Order #1" to field verify actual quantities to be removed and replaced per the soils report. This item will be paid from the Project Contingency which has a current balance of $358,740. The HCC Board of Trustees reviewed and approved "SCO Field Order #1" on February 1st, 2016.

IMPLEMENTATION PLAN:
FINANCIAL IMPACT STATEMENT:

SUPPORTING ATTACHMENTS: YES __X___ NO _____ HOW MANY? __2___

LIST: SCO Field Order #1
Backup Documentation to Field Order #1

If yes, one ORIGINAL ATTACHMENT, and 14 copies, copied front and back side of pages, stapled and three-hole punched must accompany the agenda request

PowerPoint Presentation: YES _____ NO _____X___

PERSON MAKING PRESENTATION AT MEETING: Brek Lanning

TITLE: Director, Campus Development
PHONE NUMBER: 565-4027
E-MAIL: bwlanning@haywood.edu

Scott Donald
TITLE: Architect for Project, PFA ARCHITECTS
PHONE NUMBER: 828-254-1963
E-MAIL: sdonald@pfarchitects.com

THIS SECTION FOR OFFICE USE ONLY

Received (Date/Time): _____

County Manager / Clerk to the Board Comments: _____

_____

_____

_____

_____

In an effort to save paper, attachments should be copied on both front and back sides.

State Construction Office

Field Order # 001

Project:	Location:	Project ID:
HCC Public Services Training Facility	Clyde, NC	13-10405-01A

Description of Change:

Unsuitable Soils removal and installation added of erosion control measure.

Justification of Change:

Unsuitable soils were anticipated but quantities were unknown. Quantities of actual unsuitable soils removed and replaced with new materials per the soils report in the specifications to be field verified by soils Engineer.

CONTRACTOR:
A total cost change not to exceed a unit cost of **See Attached Unit Prices with backup** extended using estimated quantities to not exceed is **$94,000**. The contractor will need a maximum number of **TBD if required** days-time extension to the contract. The actual cost, not to exceed stated cost, shall be based on a realistic estimate based on current acceptable market values submitted with change order for approval by designer, owner, and State Construction Office.

DESIGNER:
The quoted price and need for the change are in the best interests of the owner to have the work accomplished. A formal change order will be prepared for contractor's signature within seven (7) days.

OWNING AGENCY:
The owning agency agrees to the change as being in the owner's best interest. Adequate funds are available to pay the cost for the change.

STATE CONSTRUCTION OFFICE:
The State Construction Office approves the request for the change.

SIGNATURES:

Contractor: _____ Date: 1.19.2016

Designer: _____ Date: 1.19.2016

Owning Agency: _____ Date: _____

State Construction Office: _____ Date: _____

(8/26/99)

Brantley Construction Company, LLC

HCC Fire Training Facility
State Construction Field Order
Unit Prices for Unsuitable Soils

UNIT PRICES	Unit	SUBCONTRACTOR	MARKUP/BOND	TOTAL UNIT PRICE
		Unit Price	5% markup/ 1% Bond	
Ballast Stone	Tons	39	2.34	41.34
Biaxial Geo Grid	SY	3.5	0.21	3.71
ABC Stone Placed	Tons	35	2.1	37.1
Sediment Basins	EA	6600	396	6996
Additional Storm	EA	2400	144	2544
Storm Keys	EA	225	13.5	238.5
Unsuitable Soils (Established on Bid Day)		7	1	8

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SEE ATTACHED SUB CONTRACTOR ESTIMATED QUANTITIES

Brantley Construction Company, LLC

January 8th, 2016

PFA Architects, P.A.

30 Choctaw Street

Asheville, NC 28801

Attn: Scott Donald

Re: Haywood Community College Fire Training Facility

Subject: Unsuitable Soils and Soil Stabilization

Dear Sir/Ma'am,

Upon our Discussions and Review of the revised Site work drawings and discussions with BLE and Davis Solutions we are proposing the following **Estimate** of remedial measures. This proposal is based on the established Unsuitable soils 2000 CY rate as well as unit prices for geogrid, ABC stone and Ballast Stone.

Quantities are for a general estimate **only** we request that we agree upon these unit prices and allow BLE to quantify all of the required remedial work and establish a lump sum proposal based on actual numbers. In addition to the unsuitable soils this proposal includes the added storm structures as required by NCDENR review.

Please Reference the attached Proposal Request # 001 for a total estimate or the proposed remedial work as well as added storm structures. Also find a highlighted site plan demonstrating the site condition findings. We have not included any time extensions with this proposal we will address this later if the remedial work exceeds the schedule durations.

Contact me should you have any further questions or comments.

Sincerely,

Jacob Benson
Project Manager
Brantley Construction Company, LLC

Southern Appalachian Grading & Excavation, Inc

North Carolina Licensed Grading Contractor #64831

Ben Blair
P.O. Box 1505
Waynesville, NC 28786
Phone 828.507.5166
Fax 828.246.9115
bensblair@yahoo.com

Change Order Breakdown

Date: 12/30/15

To: Brantley Const.

For: Unsuitable Soils at Subgrade Elevation

Haywood County PSTF Project

Description	Quantity	Unit	Unit Price	Total
Ballast Stone or Rip Rap	720	TONS	39.00	28080.00
Biaxial Geo Grid	2500	SY	3.50	8750.00
Unsuitable Soil Removal and Replacement above 2000 CY allowance	350	CY	8.00	2800.00
ABC stone placed over grid	704	TONS	35.00	24640.00
ABC at lower end of western parking lot	175	TONS	35.00	6125.00

Grand Total: $70,395.00

These are estimates and are intended to give a general estimate of unsuitable conditions we will encounter, BLE to keep track of actual quantities at time of construction. We cannot say if these numbers are accurate. Only at time of excavation will it be possible to determine actual quantities needed. Actual amounts of work could vary greatly higher or lower than estimate above. This is an estimate from onsite meetings with Testing firm and contractor. Any of the items above will be extended at unit prices listed above if the work is deemed necessary.

Unsuitable Soils are coming from undercut areas where stone and grid will be placed. Ballast or Rip Rap stone areas are figured at 1.5' thick, abc stone is figured at 1' thick on top of grid, and some areas only have grid under base course included in the contract pricing. Also, unsuitable soil is encountered in a majority of ditches for storm, sewer, and water installation.

Southern Appalachian Grading & Excavation, Inc

North Carolina Licensed Grading Contractor #64831
Ben Blair
P.O. Box 1505
Waynesville, NC 28786
Phone 828.507.5166
Fax 828.246.9115
bensblair@yahoo.com

Change Order Breakdown

Date: 12/14/15

Revised 6,600 13,200

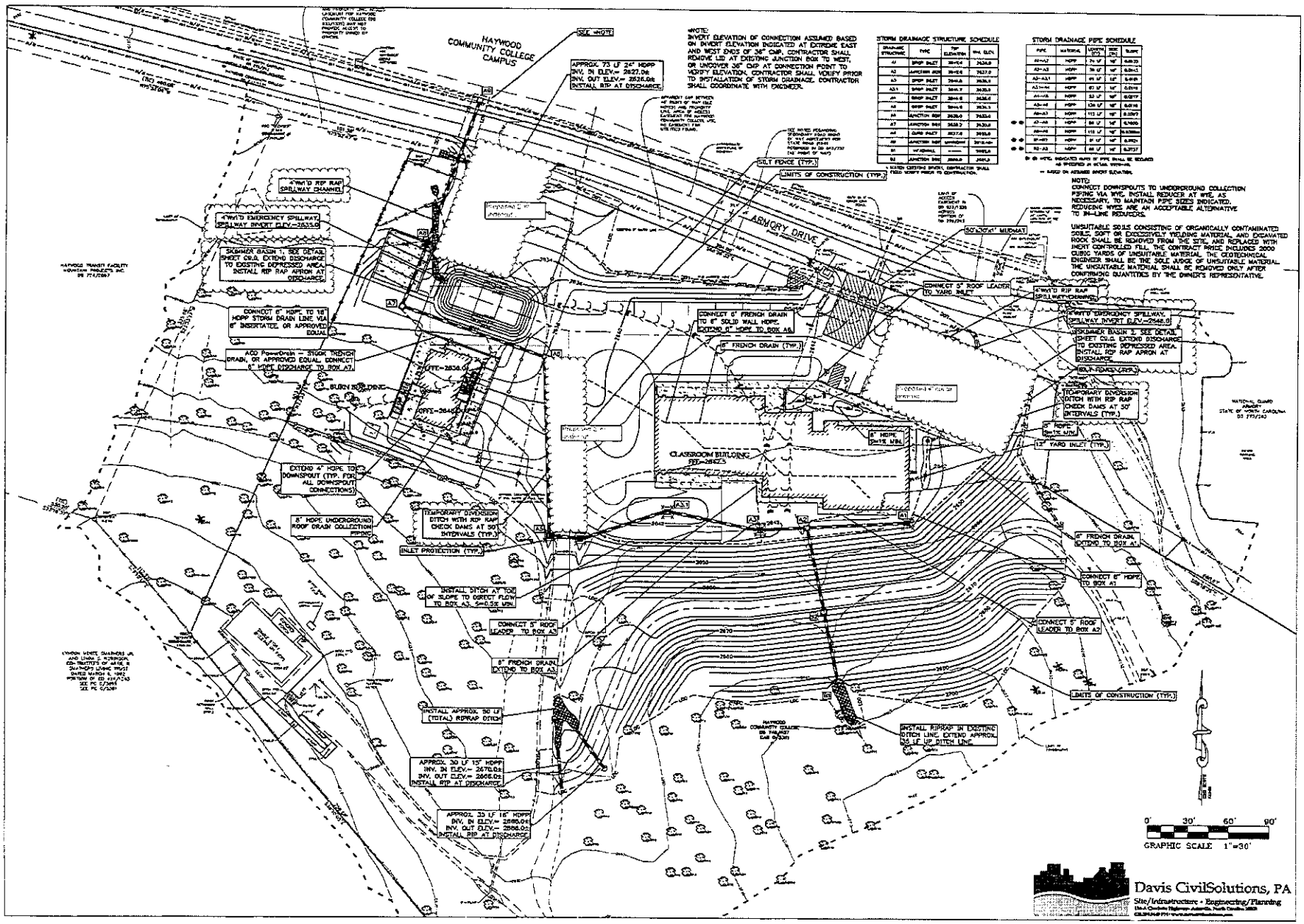
To: Brantley Const.

For: Plan Change Additions

Haywood County PSTF Project

Description	Quantity	Unit	Unit Price	Total
Sediment Basins	2	EA	7100.00	~~14200.00~~
Additional Storm Structure	1	EA	2400.00	2400.00
Keys for Storm Drainage Lines	7	EA	225.00	1575.00

Grand Total: ~~$18,175.00~~ $17,175.00



Davis CivilSolutions, PA
Site/Infrastructure • Engineering/Planning

PADGETT & FREEMAN ARCHITECTS, P.A.
ARCHITECTURE • PLANNING • INTERIORS
30 Choctaw Street Asheville, NC 28801
P: 828.254.1983 F: 828.253.3307

PUBLIC SERVICES TRAINING FACILITY
CAMPUS PLAN
SCO ID# 13-10405-01A
HAYWOOD COMMUNITY COLLEGE

BID DOCUMENTS

No.	Revisions	Date

Project Number: 1410
Date: 6/15/2015
Drawn by: NMB

GRADING, STORM WATER & EROSION CONTROL

Sheet Number:
C3.0