BID: CPST-04
PROFESSIONAL SERVICES FOR THE
SOLID WASTE TRANSFER STATION

Addendum #1
dated 11-2-2016

BIDS DUE: Tuesday, November 22, 2016 @ 11:00am

MANDATORY PRE-BID CONFERENCE:
Thursday, November 10, 2016 at 10:00am
located at the project site: 3288 Green pond Hwy, Walterboro, SC 29488

Construction Coordinator
Alliance Consulting Engineers, Inc.
Post Office Box 8147
Columbia, SC 29202-8147
(803) 779-2078 ● (803) 779-2079 fax
www.allianceCE.com
PROFESSIONAL ENGINEERING SERVICES
FOR THE
COLLETON COUNTY SOLID WASTE
TRANSFER STATION
IN
COLLETON COUNTY, SOUTH CAROLINA

COLLETON COUNTY
SOUTH CAROLINA

DEVELOPER INFORMATION
OWNER: COLLETON COUNTY
CONTACT: MR. JOHN T. STIEGLITZ III
CAPITAL PROJECTS & PURCHASING DIRECTOR
ADDRESS: 113 MABLE T. WILLIS BOULEVARD
WALTERBORO, SOUTH CAROLINA 29488
TELEPHONE: (843) 539-1965
FAX: (843) 539-1963
EMAIL: jstieglitz@colletoncounty.org

COLLETON COUNTY COUNCIL MEMBERS
MR. WILLIAM N. MCDONALD, CHAIRMAN
MR. TONY RODGERS, JR.
MR. GENE WHITSELL
MR. JAY ROBINSON, SR.
MR. PHILLIP M. TAYLOR, JR.
MR. JOSEPH F. FLOWERS

UTILITY PROVIDER CONTACTS
ELECTRICAL & NATURAL GAS PROVIDER:
CONTACT: MR. TODD LITCHFIELD, BRANCH MANAGER
SOUTH CAROLINA ELECTRIC & GAS (SCE&G)
TELEPHONE: (843) 549-8612

TELECOMMUNICATIONS PROVIDER:
CONTACT: MR. JASON GOODMAN, CEO
PALMETTO RURAL TELEPHONE COOPERATIVE, INC.
TELEPHONE: (843) 539-2020

SITE LOCATION MAP

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NOTE: SHEET NO.

SCALE: 1" = 200'
Occupancy Group: U
Occupant Load: 1 per 500 @ 7120 = 14 people
Accessibility is exempt from this Building type.

PRE-ENGINEERED BUILDING DESIGN GUIDES:

- EAVE HEIGHT: 32'-0"
- ROOF PITCH: 1.5/12
- GRAY PRIMER

Risk Category: II
- v_{ultimate}: 135 mph (v_{nominal} = 105) (see attached also)
- Exposure: 'C'
- Seismic: Site Class "C" per geotechnical report
- Ss = .74
- S1 = .24
- Sns = .90
- Sml = .46
- Sda = .60
- Sd1 = .30
STANDARD TREAD DETAIL

TREAD WITH CHECKER PLATE NOSING
(STANDARD - Checker Plate)

Standard standard treads with checker plate nosings are cost-effective, durable and self-cleaning. The checker plate nosing increases maximum visibility and underfoot safety when needed.

STAIR TREAD
2'
3'

BOLLARD DETAIL
2'
1'
3'

EXTERIOR EGRESS STAIR

GALV CLIP ANGLE
10"
4"
7'-8 1/2"
4'-0"
9'-2 1/4"
8"
4'-3 1/2"
3'-0"

EXTERIOR EGRESS STAIR
2'
3'
1'

steel stair treads
STANDARD MESH BAR GRATING

End Plate Width and Hole Pattern Dimensions

End Plate Depth Dimensions

For tread widths 9

MAXIMUM RECOMMENDED TREAD LENGTHS

STANDARD TREAD DETAIL

LIGHT BROOM FINISH
5'-0"
5/8" X 8" ANCHOR BOLT

MC 10 X 8.5

#5

1'-0"
1/8"

TRU-WELD standard treads with checker plate nosings are cost-effective, durable and self-cleaning. The checker plate nosing insures maximum visibility and underfoot safety where needed most.

When ordering or specifying Tru-Weld Bar Grating Treads, please confirm:

- Number of treads
- Finish - unpainted, shop primer, or hot dip galvanized
- Width of tread
- Type, bar size, and surface of grating
- Length of tread
- Type of nosing - checker plate is standard
- Shipping and tagging instructions

Example: Nucor Grating Tru-Weld bar grating treads, light broom finish, Type 19-4. Needed most.

Cost effective, durable and self-cleaning. The checker plate on the leading edge of the tread.

Note: Bolts for mounting to stringers are not included.

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COLLETON COUNTY SOLID WASTE TRANSFER STATION
IN COLLETON COUNTY, SOUTH CAROLINA
R.W. CHAMBERS, ARCHITECT
PO BOX 1181 BEAUFORT, S.C. 29901
843-379-1000

SKETCHES

VIEW 1

VIEW 2

VIEW 3

VIEW 4

SCALE: 1:116.17

SCALE: 1:121.18
STRUCTURAL NOTES - GENERAL

FOUNDATION PREPARATIONS

All foundation underdrains shall be designed in accordance with the building code or foundation code for the area where the building is located. The foundation shall be designed to drain properly to prevent water pooling and thus to prevent the foundation from becoming saturated. The underdrains shall be connected to a drain tile system or similar drainage system. The underdrains shall be installed during the foundation construction and shall be connected to the drainage system prior to the concrete placement.

SCHEDULING

The underdrain system shall be completed and tested before the concrete is placed. The underdrains shall be tested for proper drainage and operation before being covered with the concrete. The underdrains shall be inspected and tested by a qualified inspector before the concrete is placed.

CONCRETE

All concrete shall be placed and compacted in accordance with the applicable codes and standards. The concrete shall be placed in layers not exceeding the maximum size of aggregate specified in the building code or foundation code for the area where the building is located. The concrete shall be placed and compacted to ensure proper consolidation and Finish.

CURB AND GUTTER

All curb and gutter shall be constructed in accordance with the applicable codes and standards. The curb and gutter shall be placed and compacted to ensure proper consolidation and finish.

SHEET 1 OF 2

P.O. 101218

R.W.S.

D.M.

AUG 14 1983

FREDERICK W. SMITH

ENGINEER-IN-CHARGE

S.D.

DAVID A. POSTUM

CONSULTING ENGINEER

SCHEDULE 1

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<thead>
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DATE: 8/16

SHEET NO.: 1

S.N. 10

PROJECT NO.: 18 X 20

DESIGN OF FOUNDATIONS AND UNDERDRAINS

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