



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 DEFK7044

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 CHUCK BOWMAN
 304-558-2157

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIV ENGINEERING & FACILITIES
 JOBSITE
 SEE SPECIFICATIONS

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/21/2006				

BID OPENING DATE: 08/31/2006 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 2 *****						
ADDENDUM ISSUED FOR KINGWOOD READINESS CENTER TO DISTRIBUTE ARCHITECT/ENGINEER REVISED SPECIFICATIONS, CLARIFICATIONS PER CONTRACTOR QUESTIONS, ADDITIONAL SKETCH, AND REVISED BID SCHEDULE PER THE ATTACHED.						
PLEASE NOTE THAT A MAINTENANCE BOND WILL BE REQUIRED OF THE AWARDED CONTRACTOR FOR THE ROOF PORTION OF THIS PROJECT.						
BID DATE AND OPENING REMAIN 08/31/06 @ 1:30 PM AS ESTABLISHED IN ADDENDUM NO. 1.						
***** NO OTHER CHANGES *****						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

ADDENDUM # 2

ISSUE DATE: August 18, 2006

PROJECT: KINGWOOD READINESS CENTER
Camp Dawson
Kingwood, West Virginia

OWNER: West Virginia Army National Guard and
U.S. Army Corps of Engineers, Mobile District

Contract No.: W912HN-05-D-001
Task Order No.:CK04

ARCHITECT / ENGINEER: The Mason & Hanger Group, Inc
a Day & Zimmermann company
300 West Vine Street, Suite 1300
Lexington, Kentucky 40507-1814
MHG No. 0062.04
tel 859.252.9980
fax 859.389.8870

Revise and amend the Project Manual and Drawings all dated July 18, 2006 for Work on the above Project as stated in this Addendum; otherwise the original Project Manual and Drawings shall remain in effect.

This Addendum consists of 3 page(s) and the following attachments:

AFFECTING BIDDING REQUIREMENTS:

- 02-001: Delete "Section II Bid Items and Unit Costs" and replace with revised "Section II Bid Items and Unit Costs", attached.
- 02-002: Add the following text to "Section III Description of Bid Items":

Bid Item 75:	Metal Lockers
Unit:	Lump Sum (LS)
Description:	This item shall consist of furnishing and installing metal lockers. The concrete masonry unit base shall remain a part of the base bid.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.
Payment:	This item shall be paid for at the contract lump sum price upon satisfactory completion of the work described.
Bid Item 76:	Primary Facility
Unit:	Lump Sum (LS)
Description:	This item shall consist of all items within 5 feet from the building perimeter.

- Measurement:** There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.
- Payment:** This item shall be paid for at the contract lump sum price upon satisfactory completion of the work described.

02-003: Refer to attachment "Addendum #2 Civil/Site Revisions" for Bid Item Revisions.

AFFECTING CONDITIONS OF THE CONTRACT:

None

AFFECTING SPECIFICATIONS:

- 02-004: Refer to attachment "Addendum #2 Civil/Site Revisions" for Specification Revisions.
- 02-005: Delete Section 03450 ARCHITECTURAL PRECAST CONCRETE: 03450-1 through 03450-12 complete.
- 02-006: Delete Section 15083, Para. 3.23 C, D, E, F, and G and replace with the following:
- C. Ducts and Plenums, Concealed:
 - 1. None.
 - D. Ducts and Plenums, Exposed:
 - 1. None.
 - E. Equipment, Concealed:
 - 1. None.
 - F. Piping, Concealed:
 - 1. None.
 - G. Piping, Exposed:
 - 1. PVC: 20 mils thick.
 - 2. Aluminum Jacket.

AFFECTING DRAWINGS:

02-007: Refer to attachment "Addendum #2 Civil/Site Revisions" for Plan Sheet Additions.

CLARIFICATIONS TO CONTRACTOR QUESTIONS:

- 02-008: Q: Section 15083, Para. 3.23 – Indoor Field Applied Jacket, sections C, D, E, F, & G: These sections all call for 0.024 Aluminum jackets. Is the use of ASJ Jacketed Board acceptable?
- A: *See above AFFECTING THE SPECIFICATIONS for revision.*
- 02-009: Q: Section 03450 Architectural Precast Concrete and Section 03451 Architectural Precast Concrete Wall Panels refer to precast wall panels. Are there two different types of wall panels on this project? Where is each type used?
- A: *See above AFFECTING THE SPECIFICATIONS for revision.*
- 02-0010: Q: If the borrow site is utilized, how is it to remain at the end of the project as related to seeding, drainage, etc.?
- A: *Refer to attachment "Addendum #2 Civil/Site Revisions".*

02-0011: Q: A subcontractor for the asphalt paving has stated that their pricing will be held for one (1) week. Is there any way an escalation clause could be included in this project?

A: An escalation clause will not be included in this project.

02-0012: Q: Page 3 of Section II of the bid form has a line for "TOTAL COST WITH OPTIONS", is this line to include Alternate #6 Metal Lockers?

A: A revised Section II has been included in this Addendum #2.

02-0013: Q: Dwg. A-703 & A-704 show wall elevations with a design or texture covering the walls and doors, what is this detail?

A: Drawings A703 & A704 notes wood door on interior elevations adjacent to section cuts referring to drawing A711. A711 wall sections note 1/2" Wood paneling as wall finish.

End of Addendum # 2

005

SECTION II - BID ITEMS AND UNIT COSTS

In the event that unit quantities stated below differ from quantities required for completion of the Work, unit costs as stated below shall be the basis of adjustments in Contract Sum.

The Engineer shall be notified if the Bidder's takeoff varies significantly from the Engineer's estimated quantities.

NO.	ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
CIVIL / SITE BASE BID					
1	Mobilization/Demobilization (maximum 7%)	1	LS		
2	Sediment and Erosion Control	1	LS		
3	Gas Line Relocation	1	LS		
4	Site Preparation	1	LS		
5	General Construction Administration	1	LS		
6	Quality Control (maximum 2%)	1	LS		
7	Unclassified Excavation	1	LS		
8	Subsurface Drains	550	LF		
9	Type I - Lawns	1	LS		
10	Type II - General Seeding	1	LS		
11	Concrete Sidewalks (4")	1,020	SY		
12	Fencing, 6'	580	LF		
13	Sliding Gate, 20' - 6' Fabric	2	EA		
14	Sliding Gate, 24 - 6' Fabric	1	EA		
15	5' Pedestrian Gate	1	EA		
16	Wearing Course	650	TN		
17	Base Course	2,800	TN		
18	Free Draining Base	1,500	TN		
19	Free Draining Base Trench	2,000	LF		
20	Fabric, Separation	6,800	SY		
21	Fabric, Woven	6,700	SY		
22	AASHTO #1 Stone	3,100	TN		
23	Class 1 Stone	1,600	TN		
24	Pavement Marking	1	LS		
25	Cast-in-place Concrete Curb	1,220	LF		
26	Gas Service Line	25	LF		
27	Equipment Pads	1	LS		
28	Water Line, 6" DCI	150	LF		
29	6" PVC Sanitary Sewer	155	LF		
30	Cleanout Sanitary Sewer	1	EA		
31	Miscellaneous Signs	1	LS		
32	Front Retaining Wall	180	LF		
33	Side and Rear Retaining Walls	170	LF		
34	Bollards 8"	6	EA		
35	Bollards 12"	4	EA		
36	Bollards Removable	5	EA		

NO.	ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
37	Stairs South Side	1	LS		
38	Stairs East Side	2	EA		
39	Wheelchair Ramp	1	LS		
40	6" PVC	1,125	LF		
41	8" HDPE	670	LF		
42	12" HDPE	85	LF		
43	18" HDPE	60	LF		
44	24" HDPE	120	LF		
45	18" RCP, Type IV	65	LF		
46	36" RCP, Type I	80	LF		
47	Type 1 Ditch	20	LF		
48	Type 3 Ditch	100	LF		
49	Type 4 Ditch	1,000	LF		
50	Type "B" Drop Inlets	3	EA		
51	Type B Inlet Grate and Frame	3	EA		
52	12" In-Line Inlets	5	EA		
53	Miscellaneous Drainage	1	LS		
54	10" Yard Drains	20	EA		
55	Asphalt Sidewalk	500	SY		
56	Wheelstops	39	EA		
72	Structural Fill	1	LS		
73	Soil Conditioning	20,000	SY		
74	Over-Excavation	2,000	SY		
		CIVIL / SITE BASE BID TOTAL			
ELECTRICAL / SITE BASE BID					
57	Underground primary (UP)	87	LF		
58	Underground Secondary (US) from transformer to ATS	42	LF		
		ELECTRICAL / SITE BASE BID TOTAL			
ALTERNATE BID ITEM #1					
Electrical Generator					
59	Electrical Generator	1	LS		
60	Underground Secondary (US) from Generator to ATS	122	LF		
		TOTAL			
ALTERNATE BID ITEM #2					
Courtyard Screening Wall					
61	Courtyard Screening Wall	65	LF		
		TOTAL			
ALTERNATE BID ITEM #3					
Landscaping					
62	Landscaping	1	LS		
		TOTAL			

NO.	ITEM	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
ALTERNATE BID ITEM #4					
Exterior Lighting					
63	Site Lighting	1	LS		
				TOTAL	
ALTERNATE BID ITEM #5					
POV Parking Lot Asphalt Paving					
64	Wearing Course	250	TN		
65	Base Course	750	TN		
66	Free Draining Base	1,000	TN		
67	Pavement Marking	1	LS		
68	Wheelstops	128	EA		
69	Fabric, Separation	4,300	SY		
70	Fabric, Woven (DELETE)	4,300	SY		(-)
71	AASHTO #1 Stone (DELETE)	1,450	TN		(-)
				TOTAL	
ALTERNATE BID ITEM #6					
Metal Lockers					
75	Metal Lockers	1	LS		
				TOTAL	
PRIMARY FACILITY BASE BID					
76	Primary Facility	1	LS		
				PRIMARY FACILITY BASE BID TOTAL	
				BASE BID TOTAL	
				TOTAL COST WITH ALTERNATES	

Note: Base Bid Total is the summation of PRIMARY FACILITY BASE BID, CIVIL/SITE BASE BID, AND ELECTRICAL / SITE BASE BID.

Note: Items marked **XX** have been added in Addendum #02.

**KINGWOOD READINESS CENTER
ADDENDUM #2 - CIVIL/SITE REVISIONS**

BID ITEM REVISIONS

BID FORM SECTION II (BID SHEET): ADD Bid Items to "Civil/Site":

No.	Description	Unit	Qty	Unit Price	Extended Price
72	Structural Fill	LS	1	_____	_____
73	Soil Conditioning	SY	20,000	_____	_____
74	Over-excavation	SY	2,000	_____	_____

BID FORM SECTION III (BID ITEM DESCRIPTIONS):

REVISION - Bid Item #7 - Remove "and fill" from the first sentence of the description.

ADDITIONAL BID ITEMS –

Bid Item 72:	Structural Fill
Unit:	Lump Sum (LS)
Description:	This work shall consist of excavated material placement, compaction, settlement monitoring, final grading, shaping and contouring of the fill areas. The Contractor, with approval of the C&FMO, shall adjust the final grades as necessary to create a finished project. The Contractor shall fill to the lines and grades shown on the Plans. Final shaping and contouring of the areas shall be performed to the satisfaction of the C&FMO. No separate payment will be made for surcharging or filling above building subgrade elevations.
Measurement:	There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.
Payment:	This item shall be paid for at the contract lump sum price upon satisfactory completion of the work described.

Bid Item 73: Soil Conditioning

Unit: Square Yard (SY)

Description: This work shall consist of scarifying existing soils, hydrated lime application, mixing, compacting and rolling areas of satisfactory soils with high moisture content to a depth of 12" in locations directed by the C&FMO. The required demonstration of proposed techniques on test pads is incidental.

Measurement: Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment: Payment shall be made at the contract unit price per square yard.

Bid Item 74: Over-excavation

Unit: Square Yard (SY)

Description: This work shall consist of excavation below subgrade, transportation and disposal of unsuitable materials, placement of geogrid and AASHTO #1 stone, and rolling areas of unsuitable soils in locations directed by the C&FMO.

Measurement: Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment: Payment shall be made at the contract unit price per square yard.

PLAN SHEET ADDITIONS

ADD THE FOLLOWING 8 ½ X 11 DETAIL:

SD-C-001 Over-excavation Detail

SPECIFICATION REVISIONS

Section 02300, "Earthwork", Paragraph 2.1.B, "Satisfactory Soils", add the following:

Soils not maintained within 2 percent of optimum moisture content at time of compaction shall be unsatisfactory.

Section 02300, "Earthwork", Paragraph 2.1.C, "Unsatisfactory Soils", change to:

C. Unsuitable Soils: ASTM D 2487 soil classification groups GC, ML, MH, CL, CH, OL, OH, SC and PT, or a combination of these group symbols.

Section 02300, "Earthwork", Add Paragraph 2.2F, "Geogrid":

F. Geogrid: Synthetic, biaxial reinforcement product consisting of a regular network of integrally connected longitudinal and transverse polymer tensile elements with aperture geometry sufficient to permit significant mechanical interlock with the surrounding soil and aggregate that meets the referenced standard test methods:

1. Tensile Strength @2% strain: 280 lb/ft; ASTM D 4595.
2. Tensile Strength @5% strain: 580 lb/ft; ASTM D 4595.
3. Junction Efficiency 93%

Section 02300, "Earthwork", Paragraph 3.3.A.1, "Excavation, General": Remove "unsatisfactory" and replace with "unsuitable".

Section 02300, "Earthwork", Paragraph 3.3, "Excavation, General", add Sub-paragraph "B":

- B. Borrow and Disposal Areas: On- or off-site borrow and disposal areas must be approved by the Owner prior to disturbance of those areas. Contractor shall submit a site grading plan to the Owner for review and approval which is compatible with the overall project. These areas shall be re-graded so that no slope is left steeper than 4H:1V. These areas shall be maintained so that they shall drain properly at all times. The Contractor shall construct and maintain any and all necessary channels, pipes, sumps, and or other temporary diversion and protective works. The Contractor shall be responsible for obtaining any and all permits, including a Construction Stormwater Permit (if required), for borrow and disposal areas.

Section 02300, "Earthwork", Paragraph 3.8.B, "Approval of Subgrade", remove and replace with:

- B. 1. If C&FMO determines that unsatisfactory soil is present, prepare subgrade in accordance with Section 3.15 "Moisture Control" as directed.
2. If C&FMO determines that unsuitable soil is present, continue excavation as directed and replace with geogrid and AASHTO #1 stone in accordance with "Over-excavation".

Section 02300, "Earthwork", Paragraph 3.8, "Approval of Subgrade", add subparagraph "E":

- E. Over-excavation will be used to "bridge" soft areas of unsuitable soils. The soft area and an additional 48" around it will be excavated 18" below subgrade and the material hauled to the waste area for disposal. A biaxial geogrid will be installed per the manufacturers guidelines and backfilled with 18" of AASHTO No. 1 stone. The stone will then be rolled to lock it in place. Any damage to the geogrid during installation will be removed and replaced at the contractor's expense.

Section 02300, "Earthwork", Paragraph 3.15, "Moisture Control", remove subparagraph "A.2" and change to:

Scarify and air-dry, otherwise satisfactory soil material that exceeds optimum moisture content by 2 percent and is too wet to compact to specified dry unit weight. If approved by the C&FMO, soil conditioning may be used for subgrade preparation.

Section 02300, "Earthwork", Paragraph 3.15, "Moisture Control", add subparagraph "A.3":

3. Soil Conditioning

Description. This work shall consist of constructing a 12" thick lime stabilized subgrade consisting of an admixture of hydrated lime with the subgrade soil constructed, mixed, shaped, compacted, fine graded, and finished.

Materials. Hydrated lime shall meet the requirements of ASTM C 6. Weight of the lime used shall be 3 to 5 percent of the dry weight of the subgrade soil as directed by the Engineer based on

soil types encountered. Contractor may perform testing at his expense to determine lime application rates required to achieve unconfined compressive strengths of 10 tons per square foot.

General. Lime stabilization work shall be performed when the air temperature is 5° C (40° F) or above and the material to be treated is not frozen. No work shall be done during wet or unsuitable weather.

Spreading. The lime shall be spread uniformly on the subgrade by using distributors or equipment approved by the Engineer.

Dry lime shall be spread in such a manner to minimize dusting. The dry lime shall not be applied when wind conditions, in the opinion of the Engineer, are such that blowing lime becomes objectionable to traffic or adjacent property owners.

The lime slurry shall be prepared and distributed using equipment or procedures capable of keeping the slurried lime in suspension and spreading the slurry uniformly over the area to be stabilized.

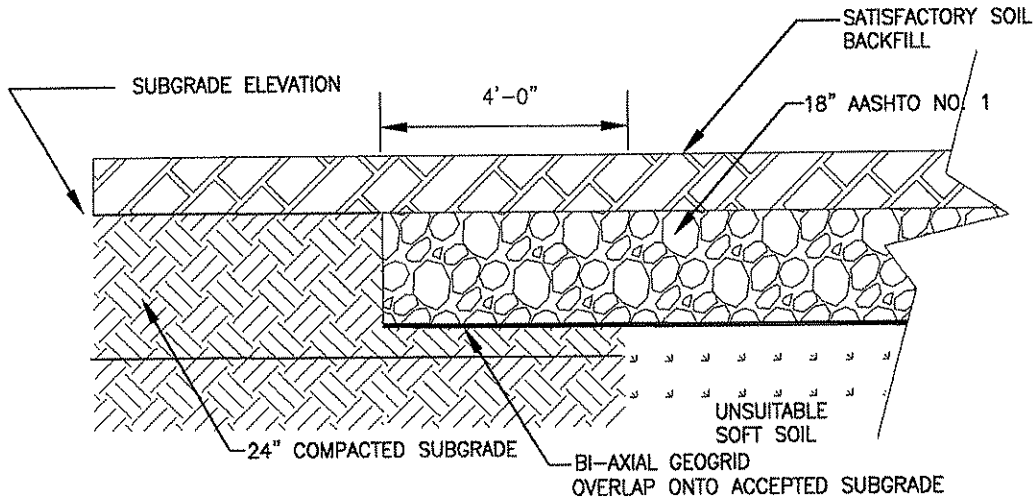
Mixing. The spreading of the lime shall be followed immediately by a mixing operation consisting of the use of a spring tooth or disc harrow followed by an approved power driven rotary type mixer. During this mixing operation, water shall be added if necessary to bring the mixed material to optimum. Mixing shall be continued until the lime has been thoroughly incorporated into the mix, all soil clods have been reduced to a maximum size of 50 mm (2 inches), and the mixture is a uniform color.

Following the initial mixing, the material shall be lightly compacted with a steel-wheeled or pneumatic-tired roller to seal it against rain or excessive drying. The partially mixed material shall cure for a period of not less than 24 hours nor more than 7 days prior to final mixing. If conditions during construction are such that more than 7 days elapse between initial mixing and final compaction, an additional ½ percent of lime shall be added during the final mixing. The added lime shall be furnished at the Contractor's expense unless the delay beyond the 7-day limit is caused by conditions beyond the control of the Contractor.

The final mixing shall be done with approved power driven rotary type equipment until the soil has become completely pulverized with all clods reduced to a maximum size of 25 mm (1 inch) and at least 60 percent of the clods reduced to such a size that they will pass the 4.75 mm (No. 4) sieve. Mixing shall be continued until the lime has been uniformly distributed throughout the pulverized soil.

Compaction. The mixture shall again be brought to optimum moisture content during the final mixing and the mixture shall then be shaped and compacted. The maximum laboratory dry density of the lime-soil stabilized subgrade shall not be less than 1440 kg/m³ (90 pounds per cubic foot). All lime-soil stabilized subgrade shall be compacted to 95 percent of the laboratory maximum dry density (ASTM D1557). Final rolling shall be performed using a steel-wheeled roller.

The compacted lime-soil stabilized subgrade shall cure for a period of at least 5 days prior to placement of any overlying fill. The surface shall be lightly sprinkled during hot, dry weather through the curing period to prevent excessive moisture loss, as directed by the Engineer. During the curing period, heavy equipment shall be kept off the treated subgrade.



ADDENDUM #002

KINGWOOD READINESS CENTER
KINGWOOD, WV

OVER-EXCAVATION DETAIL

DESIGNED BY:
RMF

DRAWN BY:
GDK

CHECKED BY:
RMF

REVISION DATE:
08/17/06

SHEET NUMBER:
SD-C-001