



Pete K. Rahn, Director

January 25, 2010

**Addendum No. 1
9-100127**

To: Plans and Specifications Holders List for:

Missouri Department of Transportation – DISTRICT-7, Anderson Maintenance Building – Anderson, MO

BID OPENING DATE/TIME IS HEREBY CHANGED TO: FEBRUARY 1, 2010 AT 3:00 P.M.

PROJECT COMPLETION DATE IS HEREBY CHANGED TO JULY 21, 2010.

BID PAGE: Remove and replace with attached.

SOILS REPORT ATTACHED.

IN THE DRAWINGS:

Sheet 2 of 21:

Asphalt excavation of 500 cubic yards anticipated during construction of building and concrete pad.
Discard debris to area "E" on Site Plan Sheet 2 of 21.

Note A to read: Contractor to remove existing tree and discard in area marked with Note E.

Note B to read: Contractor to remove existing asphalt road to western edge of Route 59 and discard debris to area marked on Note E. This area will be a new lawn area. See Section 02100 in Specifications.

Note E to read: All debris removed during excavation may be dumped and leveled in this area.

Note F clarification: Contractor to provide 6" of type five rock base in paved (chip & seal) area where disturbed during construction.

Sheet 4 of 21:

Concrete sidewalk is 6" thick with 6x6-W2.1xW2.1 WWF on 4" crushed rock base.

Sheet 5 of 21:

Concrete Notes, Note 2 to read: Slab shall be 6" thick with 6x6-W2.1xW2.1 WWF on 6 mil vapor barrier on 4" crushed rock base. (level and compacted)

Concrete Notes, Note 8. Change slump from 3" to 4".

Sheet 7 of 21:

Detail A, perimeter drain tile may set on top of footing with bituminous damproofing to top of same footing

Sheet 13 of 21:

Detail B & J-13, 7/8" hat channels to be 16 gauge.

Sheet 17 of 21:

Plumbing Notes, #18, Contractor ot provide cast iron vent piping in plenum as required by code. Secure as required.

Sheet 21 of 21

Detail of Transfer Switch Installation. Contractor to provide standard female end, 220V with 60 Amp feed in the waterproof power receptacle.

IN THE SPECIFICATIONS

Page 165, Section 11452, Residential Appliances to read:

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Refrigerator
- B. Space Saver Microwave Oven

**PREVAILING WAGE NOTICE OF EXCESSIVE UNEMPLOYMENT
*** NOW IN EFFECT *****

Only Missouri laborers and laborers from nonrestrictive states are allowed by law to be employed on Missouri's public works projects when the unemployment rate exceeds 5% for two consecutive months. (See Sections 290.550 through 290.580 RSMo.) The unemployment rate has exceeded 5% for the past two months. Therefore, this statute is in effect and will remain in effect as long as this notice is posted. For questions call (573) 751-3403. View the Frequently Asked Questions at http://www.labor.mo.gov/ls/fag/fag_PublicWorksEmployment.asp or view the statute 290.550 – 290.580 RSMo, at <http://www.moga.mo.gov/statutes/C290.HTM>.

Restrictive states are as follows: Alaska, Arizona, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Idaho, Illinois, Iowa, Maine, Massachusetts, Mississippi, Montana, Nevada, New Jersey, North Dakota, Oklahoma, South Dakota, U.S. Virgin Islands, West Virginia and Wyoming.

SECTION 00301

BID FORM

To: The Missouri Highway and Transportation Commission
1320 Creek Trail Drive
Jefferson City, Missouri 65101

1. The undersigned, having examined the proposed Contract Documents titled: **“Maintenance Building, District #7, McDonald County, Anderson, Missouri”** and having visited the site and examined the conditions affecting the Work, hereby proposes and agrees to furnish all labor, materials, equipment and everything which may be necessary or incidental thereto, as proposed by said Contract Documents, all to the satisfaction of the Chief Engineer of the Missouri Department of Transportation and the Missouri Highway and Transportation Commission, for the stipulated sum of:

_____ DOLLARS (\$_____).

a. Enter cost per cubic yard for overage or underage if more or less asphalt is encountered.
Discard debris to Area “E on Site Plan Sheet 2 of 21.

\$_____ per cubic yard.

2. The undersigned, acknowledges having examined and being familiar with the contract documents including the drawings, the Instructions to Bidders, General Conditions, Supplementary Conditions and the body of technical specifications.

3. The undersigned acknowledges receipt of Addenda number _____ through _____ inclusive.

4. Enclosed with this bid is bid security in the amount of not less than 5% of the bidder's proposed Contract Sum, the amount being _____ DOLLARS (\$_____).

IF AN INDIVIDUAL

Name of individual

Residence address

Social Security Number

Telephone Number

Firm Name, If Any

Address for communications

Signature

MISSOURI DEPARTMENT OF TRANSPORTATION
Construction and Materials

BORING DATA (CORE & SPT)

Sheet 1 of 4

Job No.: R35G
 County: McDonald Route: 59
 Over: Northeast Corner of Building
 Logged by: R. Todd
 Equipment: Failing 1500
 Hole Stab. by: Rotary Mud
 Automatic Hammer Efficiency: 72 %

Design: --
 Skew: --
 Operator: Lamberson
 Drillers Hole No.: L-09-17
 Date of Work: 5/19/2009
 Drill No.: G-7889

Bent	Station	Location	Surface Elevation	LOG OF MATERIALS*
	2806917.6E	188342.7N	883.7	Offset 3 feet west of staked location due to overhead utilities.

TEST DATA

Depth, ft.	SPT Blows/6"	N ₆₀	Pocket Pen., tsf	Wn%
2.5	2-1-1	2	0.50	
5.0	11-22-22	53	Gravel	
7.5	13-14-12	31	Gravel	
10.0	6-11-14	30	1.75	
12.5	6-12-15	32	Gravel	
15.0	15-14-15	35	Gravel	
17.5	18-14-42 in 5 1/2"	--	Gravel	

0.0-3.8' Brown lean clay, scattered gravel, moist, soft to medium stiff.
 3.8-19.0' Reddish-brown lean clay, abundant gravel, scattered cobbles, moist, very stiff to hard.
 19.0-20.1' Highly weathered limestone.
 20.1-22.6' Gray, thin bedded, very fine grained, moderately hard, highly weathered, cherty limestone.
 22.6-25.0' Highly weathered cherty limestone, cut with rockbit.

CORING LOG (NX Double Tube Barrel)

From	To	Run	Rec	Loss	% RQD	Notes
20.1	22.6	2.5	1.3	1.2	0	

WATER TABLE OBSERVATIONS

Date	Time Change	Depth Hole Open	Depth To Water
5/19/2009	1 hour	19.2'	3.0'

Coordinate System: U.S. State Plane 1983 Coordinate Zone: Missouri West 2403
 Coordinate Datum: NAD 83 (CONUS) Coordinate Units: U.S. Survey Feet Coordinate Projection Factor:

N₆₀ - Corrected N value for standard 60% SPT efficiency.
 N₆₀ = (Em/60)Nm
 Em - Measured transfer efficiency in percent.
 Nm - Observed N-value.

* Persons using this information are cautioned that the materials shown are determined by the equipment noted and accuracy of the "log of materials" is limited thereby and by judgment of the operator.
 THIS INFORMATION IS FOR DESIGN PURPOSES ONLY.

MISSOURI DEPARTMENT OF TRANSPORTATION
Construction and Materials

BORING DATA (CORE & SPT)

Sheet 2 of 4

Job No.:	<u>R35G</u>	Route:	<u>59</u>	Design:	<u>--</u>
County:	<u>McDonald</u>			Skew:	<u>--</u>
Over:	<u>Northwest Corner of Building</u>			Operator:	<u>Lamberson</u>
Logged by:	<u>R. Todd</u>			Drillers Hole No.:	<u>L-09-16</u>
Equipment:	<u>Failing 1500</u>			Date of Work:	<u>5/18/2009</u>
Hole Stab. by:	<u>Rotary Mud</u>			Drill No.:	<u>G-7889</u>
Automatic Hammer Efficiency:			<u>72 %</u>		

Bent	Station	Location	Surface Elevation
	2806858.2E	188359.7N	882.0

LOG OF MATERIALS*

0.0-4.1' Reddish-brown lean clay, abundant gravel, scattered chert, moist, stiff.
 4.1-14.8' Red lean clay, abundant gravel, with cobbles, scattered chert, moist, hard.
 14.8-19.5' Highly weathered limestone.
 19.5-24.5' Gray, thin bedded, very fine grained, moderately hard cherty limestone.

TEST DATA

Depth, ft.	SPT Blows/6"	N ₆₀	Pocket Pen., tsf	Wn%
4.0	16-18-12	36	Gravel	25.7
7.5	15-15-15	36	Gravel	
10.0	32-42 in 3"	--	Gravel	
12.5	26-42 in 5"	--	Gravel	
15.0	30-16-42 in 5½"	--	Limestone	
17.5	42 in 6"	--	Limestone	

UNCONFINED COMPRESSIVE STRENGTH

TEST DATA

Depth, ft.	Qu, tsf	P.P., tsf
21.7	767.4	9.0+

SOIL CLASSIFICATION TEST DATA

Depth, ft.	LL	PI	ASTM Class.
4.0	33	13	CL

UNIT WEIGHTS

Depth, ft.	γ _{sat} , pcf	γ _{moist} , pcf	% _{sat} ⁽¹⁾
4.0	124.2		100 ⁽¹⁾

(1) Assumed
(2) Actual

CORING LOG (NX Double Tube Barrel)

From	To	Run	Rec	Loss	% RQD	Notes
19.5	24.5	5.0	4.4	0.6	10	

WATER TABLE OBSERVATIONS

Date	Time Change	Depth Hole Open	Depth To Water
5/19/2009	1 hour	21.0'	15.1'

Coordinate System: U.S. State Plane 1983 **Coordinate Zone:** Missouri West 2403
Coordinate Datum: NAD 83 (CONUS) **Coordinate Units:** U.S. Survey Feet **Coordinate Projection Factor:** _____

N₆₀ - Corrected N value for standard 60% SPT efficiency.
 Em - Measured transfer efficiency in percent.
 Nm - Observed N-value.

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