

McHenry County Government Center
Purchasing Department
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Administration Building Room 200
Woodstock, IL 60098
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January 25, 2012

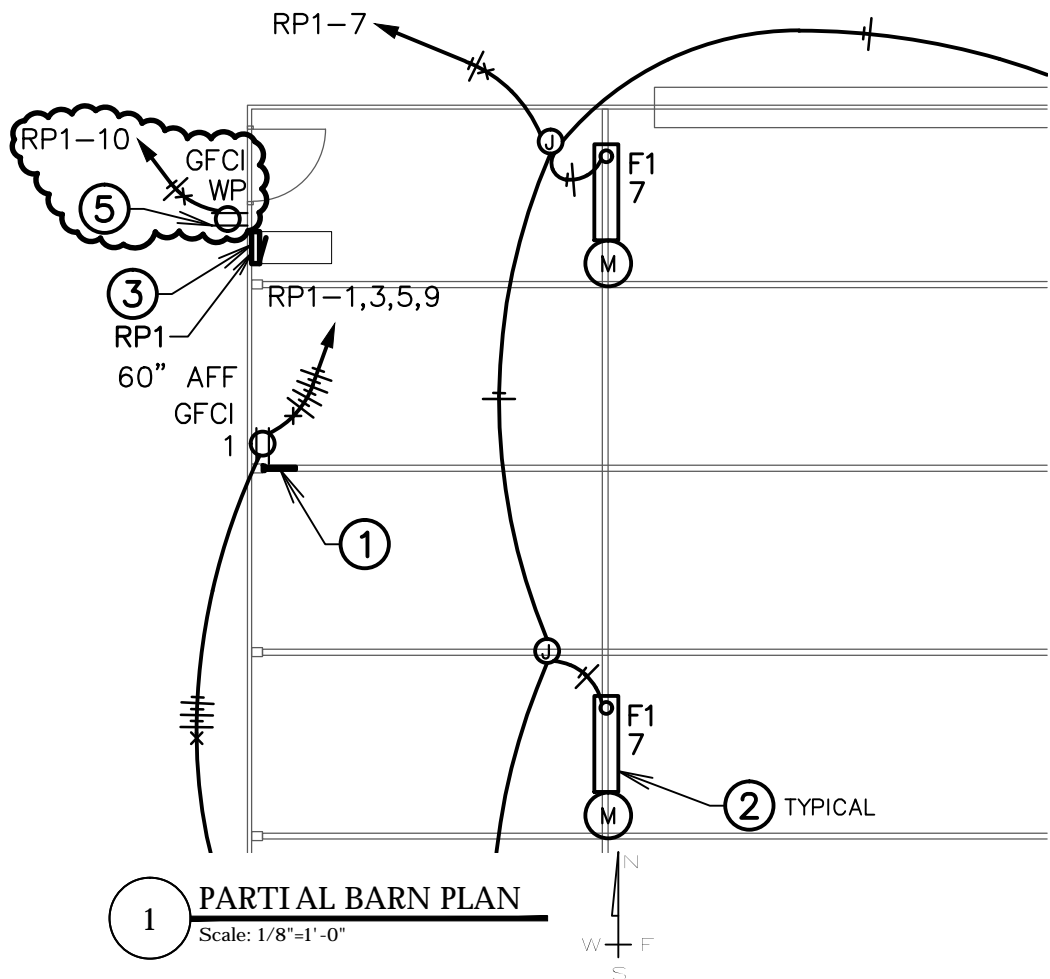
ADDENDUM #2

**BID #12-12 Installation of Electrical Service to the Klehm Barn
due February 15, 2012 at 2:00PM (CST)**

Additions & Clarifications to BID

Additions: # 1	Drawing of outdoor outlet and the S2 reflector
Question # 1:	Is the 60 amp main breaker in panel board RP1 intended to be a back-fed main?
Answer # 1:	As indicated on the drawings, RP1 has a 60 amp main breaker. The main breaker can be a back fed main.
Question # 2:	Where is the location of the septic field for the Election Storage building?
Answer # 2:	The septic field is to the south of the Election building. The electrical underground direction bore will be coming from the East. Therefore, they will not "hit" the field.
Question # 3:	Where is the location of the water line to the Election Storage building?
Answer # 3:	The water spigot next to the Klehm barn door is a Hydrant per the Health Department. They do not have plans if this is a shallow well or off the well near the Election storage building. Since the contractor is responsible to locate utilities on the site for their directional bore, recommend they locate this line if needed.
Question # 4:	Where is the location of the pressure tank that feeds the Election Storage building?
Answer # 4:	The room next to the Electrical room.
Question # 5:	What is the status of the water hydrant next to the service door at the Klehm Building? (off for the winter or abandoned)
Answer # 5:	Unknown, recommend that when RFP is awarded that the awardee use JULIE to locate with their locator, they would identify the line not to hit.

**ALL OTHER TERMS AND CONDITIONS
OF THE BID
REMAIN THE SAME.**



1 PARTIAL BARN PLAN
Scale: 1/8"=1'-0"

FLOOR PLAN NOTES

- ① HEAVY DUTY POWER REEL CORD MOUNTED 72" AFF. BOLT TO WOOD COLUMN WITH 1/4" DIAMETER X 2" LAG BOLTS, PRE-DRILL HOLE FOR LAG BOLT WITH 3/16" BIT. REEL CORD TO BE A REEL CRAFT #L45451237A, WITH TWO 20 AMP RECEPTACLES, #12 AWG CONDUCTORS AND CORD LENGTH SHALL BE 45' LONG.
- ② LIGHT FIXTURE SUSPENDED SO BOTTOM OF LIGHT FIXTURE LENS IS AT THE SAME HEIGHT AS THE BOTTOM OF THE TRUSS.
- ③ MOUNT PANEL ON STRUT. THE STRUT CHANNELS SHALL BE MOUNTED VERTICALLY AND FASTENED TO HORIZONTAL WOOD FRAMING MEMBERS.
- ④ INSTALL TWO CORD REELS AT THIS LOCATION ONE AT 66" AND ONE AT 90".
- ⑤ IN USE COVER TO BE A HUBBELL #WP826H.

berg
engineering
Consultants, Ltd.

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McHenry County Government Center -
Klehm Barn Electrical
2200 N. Seminary Ave. Woodstock, IL
ISSUE DATE: 02/06/12
REVISION: ADD #2

JOB NO. 3997

SK NO.
ESK-1
SHEET NO: E.2

RP1

AIC 10,000
MAIN BKR 60
LUGS STANDARD

VOLTS 208/120V 2P 3W
BUS AMPS 100
NEUTRAL 100%

ROOM KLEHM BARN
MOUNTING SURFACE
FED FROM EXISTING
NOTE

CKT #	BKR	CIRCUIT DESCRIPTION	KVA LOAD		CKT #	BKR	CIRCUIT DESCRIPTION	KVA LOAD	
			A	B				A	B
1	20/1	RECEPTACLE	0.18		2	20/1	RECEPTACLE	0.18	0.18
3	20/1	RECEPTACLE		0.18	4	20/1	RECEPTACLE		0.18
5	20/1	RECEPTACLE	0.36		6	20/1	RECEPTACLE	0.36	0.36
7	20/1	JBOX, LIGHTING		0.64	8	20/1	RECEPTACLE		0.36
9	20/1	RECEPTACLE	0.36		10	20/1	RECEPTACLE	0.18	0.36
11	20/1	SPARE		0	12	20/1	SPARE		0
13	20/1	SPACE		0	14	20/1	SPACE		0
15	20/1	SPACE		0	16	20/1	SPACE		0
17	20/1	SPACE		0	18	20/1	SPACE		0
19	20/1	SPACE		0	20	20/1	SPACE		0
21	20/1	SPACE		0	22	20/1	SPACE		0
23	20/1	SPACE		0	24	20/1	SPACE		0
25	20/1	SPACE		0	26	20/1	SPACE		0
27	20/1	SPACE		0	28	20/1	SPACE		0
29	20/1	SPACE		0	30	20/1	SPACE		0
			TOTAL KVA					1.62	1.36

CONN. KVA	CALC. KVA	CONN. KVA	CALC. KVA
0.64	0.8	0	0
0	0	0	0
0	0	0	0
2.34	2.34	0	0
		2.98	3.14

Final directory shall indicate type of loads and incorporate Owner's final room designations (numbers) for each circuit.
BALANCED PHASE AMPS 15.1

LIGHT FIXTURE SCHEDULE

CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	VOLTS	NOTE 1
F1		(2) F32TB 4100K	ENCLOSED 4' FLUORESCENT FIXTURE WITH MOTION SENSOR	FBB-1	CHAIN HUNG	LITHONIA ITEM 4 232 DAY-BRITE # WIRE 232 UNV	120V 1P 2W	MOUNT SENSOR SWITCH #CMRB PDDTO LT LOW TEMP. MOTION SENSOR ON END OF EACH LIGHT FIXTURE

BALLAST TYPES:
FBB-1: TB, Programmed Rapid Start, 120/277V, <10% THD, 0.88 - 0.95 Ballast Factor, Manufactured by Advances, Sylvania & GE Lighting.

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SK NO.
ESK-2
SHEET NO: E.2

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