

MINUTES

Road and Bridge Committee Meeting Held on Monday, January 5, 2017 Woodford County Highway Department

- 1. Call to Order:** Meeting called to order at 4:00 P.M. by Chairman Doug Huser.
- 2. Roll Call:** Present: Doug Huser, Duane Kingdon, Andy Rokey, John Krug. Randy Roethler arrived at 4:02 P.M. Also present: Stan Glazier from 4:00 P.M. to 6:00 P.M., Mike Uphoff for the Uphoff Plat, Kim Holms via phone from 4:45 P.M. to 4:48 P.M. for Uphoff Plat and Lindell Loy.
- 3. Motion to approve regular meeting minutes** of December 12, 2016, Road & Bridge Committee: Stan Glazier was added as present.

By: John Krug

Second by: Andy Rokey

Motion carried to approve minutes - all ayes.

4. Past executive session minutes:

A motion was made to keep confidential following past executive session minutes.

- a) April 11, 2016.

By: Duane Kingdon

Second by: Andy Rokey

Motion carried - all ayes

5. Public Comment:

No public comment.

6. Review Claims:

After review of the claims, a motion was made to approve claims for payment at the January 17, 2017, Woodford County Board Meeting.

By: Andy Rokey

Second by: Duane Kingdon

Motion carried - all ayes

7. Old Business:

- a) The Uphoff Plat located in NE1/4 of Section 33, T26N, R02E of 3rd PM was discussed. Access Ordinance Paragraph 3.25.8 allows no more than four parcels to share a common access. The combining of existing parcels owned by the same owner does not reduce the number of parcels of the shared entrance to allow an additional parcel. The new Plat proposes an additional parcel with more than four parcels sharing the existing entrance. The Committee will hold a public hearing before the February 9, 2017, Road and Bridge Committee to amend the Access Ordinance by removing the shared access provisions from the Access Ordinance. This amendment will go the full Board for approval. The shared access provisions are duplicated in the Access Ordinance and the Subdivision Code. No action was taken on the Uphoff Plat.

8. New Business:

- a) The annual fuel bids were opened at 2:30 P.M. prior to the Road and Bridge Committee meeting. The bid tab was reviewed by the Committee. A motion was made to accept low bid for \$51,612.00 from Yoder Oil:

By: Andy Rokey
Motion carried – all ayes.

Second by: Duane Kingdon

The fuel bid tab is attached to these minutes.

- b) Quotes to provide filters for the equipment were requested from various vendors in the County. A motion was to purchase filters from the lowest quote provided by Napa Minonk for an amount not to exceed \$2,000.00:

By: Andy Rokey
Motion carried - all ayes.

Second by: John Krug

The tabulation of quotes is attached to these minutes.

- c) Specifications for a new tandem truck were not discussed. The Committee requested maintenance costs information on the truck for trade and an equipment replacement plan.
- d) The FY 2017 reseal plan is to apply the A-2 test strip surface treatment used on Lourdes Road in 2016 to the west 4.5 miles of Santa Fe Trail. The estimated cost is approximately \$40,000 per mile. Other surface options such as a Micro Slurry, asphalt overlay and Cold-in-Place recycle were considered too expensive. The ADT on Santa Fe is between 800 and 1300 which is comparable to the ADT on CH 13 south of Roanoke which is between 900 and 1150. The consensus of the Committee was to use the 2016 test strip on Santa Fe Trail except the fog seal used on the test strip will be evaluated at the time of application to Santa Fe Trail. Santa Fe Trail will have to be closed during the application of the fog seal. One mile of CH 1 between 1800N and 1900N will be covered with an oil and chip surface treatment to protect the existing asphalt surface. This practice of oil and chip over an asphalt pavement has been past practice in the County. More of CH 1 will be covered with oil and chip next year. The consensus of the Committee was to apply the oil and chip surface to CH 1. The estimated probable cost of the 2017 reseal work is approximately \$490,000.
- e) The Committee discussed the preliminary engineering agreement with Hutchison Engineering, Inc. to design the intersection of IL 89 and CH 11 of the CH 1 Project. This intersection design and construction will complete the improvements to CH 1 from IL 116 to IL 89. The intersection of CH 11 to IL 89 is in Marshall County as well as the north half of CH 11. Woodford County is responsible for CH 11 maintenance along this section of county line highway. Marshall County is responsible for maintenance of county line highways to the east of CH 11. IDOT has stated that Federal STR funds and State TARP funds will be available if the Project is on the June 2017 State letting which is the last State letting in the State FY 2017. IDOT would not guarantee funds would be available in State FY 2018. A Motion was made to recommend to the Board to execute an agreement with Hutchison Engineering, Inc. not to exceed \$8,860.83 to complete the CH 1 Project:

By: John Krug
Motion carried – all ayes.

Second by: Andy Rokey

The engineering agreement is attached to these minutes.

- f) The Subdivision Code duplicates the shared access provisions in the Access Ordinance. A public hearing will be held prior to the February 2017 Road and Bridge Committee meeting to modify the shared entrance provisions and other provisions in the Access Ordinance if the public hearing notice requirements can be met.

9. Other:

10. Executive Session: No executive session.

12. Motion to adjourn: 7:43 p.m.

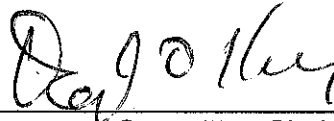
By: Duane Kingdon
Motion carried - all ayes

Second by: Andy Rokey

Prepared by:



Lindell Loy, PE, SE.



Committee Chairman

2-9-17

Date

LOW BID

Agency: Woodford County Date: 1/5/2017
 Section: FY 2017 Fuel Bid Time: 2:30 PM
 Duration: 04/01/2017-03/31/2018
 Estimate:

Name of Bidder:		Address of Bidder:		Proposal Guarantee:		Terms:	
Yoder Oil, Inc.		1900 S. Main St.		\$1,000			
Evergreen FS, Inc.		402 N. Hershey Rd.		\$1,000			
Bloomington, IL 61702							
FY 2017 Fuel Engineer's Estimate		Total		Total - Items 1, 2, and 3		Total - Items 1, 2, and 3	
Item No.	Item	Unit	Quantity	Unit Price	Total	Unit Price	Total
1	#1 Diesel Fuel without Biodiesel	GAL	5,000	2.100	\$10,500.00	\$2.288	\$11,440.00
1a	Per Gallon State MFT	GAL	5,000	0.215	\$1,075.00	\$0.215	\$1,075.00
1b	Per Gallon Tax (LUST)	GAL	5,000	0.001	\$5.00	\$0.001	\$5.00
1c	Per Gallon Tax (IUSTT)	GAL	5,000	0.003	\$15.00	\$0.003	\$15.00
1d	Per Gallon Tax E.I.F.	GAL	5,000	0.008	\$40.00	\$0.008	\$40.00
2	# 2 Diesel or Premium Diesel without Biodiesel	GAL	11,000	2.100	\$23,100.00	\$1.988	\$21,868.00
2a	Per Gallon State MFT	GAL	11,000	0.215	\$2,365.00	\$0.215	\$2,365.00
2b	Per Gallon Tax (LUST)	GAL	11,000	0.001	\$11.00	\$0.001	\$11.00
2c	Per Gallon Tax (IUSTT)	GAL	11,000	0.003	\$33.00	\$0.003	\$33.00
2d	Per Gallon Tax E.I.F.	GAL	11,000	0.008	\$88.00	\$0.008	\$88.00
3	Unleaded Gasoline without Ethanol	GAL	7,000	2.000	\$14,000.00	\$1.894	\$13,258.00
3a	Per Gallon State MFT	GAL	7,000	0.190	\$1,330.00	\$0.190	\$1,330.00
3b	Per Gallon Tax (LUST)	GAL	7,000	0.001	\$7.00	\$0.001	\$7.00
3c	Per Gallon Tax (IUSTT)	GAL	7,000	0.003	\$21.00	\$0.003	\$21.00
3d	Per Gallon Tax E.I.F.	GAL	7,000	0.008	\$56.00	\$0.008	\$56.00
				Total Bid:	\$52,646.00		
				As Read:	\$51,612.00		\$53,896.00
				Calculated:	\$51,612.00		\$53,896.00

2017 FILTER QUOTES

WOODFORD COUNTY

2017 Filter Quotes

1/51/2017

File saved as ...Filter Bid Tab

BIDDER NO. 1	BIDDER NO. 2	BIDDER NO. 3
Martin Sullivan 1520 CR 2100E Roanoke, IL 61561 309-923-2731 dcrouch@martinsullivan.com	Eureka Automotive 105 West Graham St. Eureka, IL 61530 467-3791 Fax: 467-6960	Minonk Napa 1450 Industrial Dr. Minonk, IL 61760 309-432-3900 Fax: 309-432-2572

ITEM	QTY.	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1751	1.0	EACH	\$16.50	\$16.50	\$15.23	\$15.23	\$10.25	\$10.25
9902	1.0	EACH	\$20.00	\$20.00	\$22.08	\$22.08	\$18.62	\$18.62
6174	1.0	EACH	\$6.85	\$6.85	\$6.59	\$6.59	\$6.05	\$6.05
1036	1.0	EACH	\$3.42	\$3.42	\$4.00	\$4.00	\$3.60	\$3.60
2098	4.0	EACH	\$4.42	\$17.68	\$4.81	\$19.24	\$4.42	\$17.68
7708	1.0	EACH	\$94.74	\$94.74	\$38.18	\$38.18	\$31.40	\$31.40
7467	1.0	EACH	\$40.03	\$40.03	\$29.72	\$29.72	\$25.05	\$25.05
1601	3.0	EACH	\$8.69	\$26.07	\$7.24	\$21.72	\$6.11	\$18.33
6569	1.0	EACH	\$15.02	\$15.02	\$17.46	\$17.46	\$14.72	\$14.72
6562	1.0	EACH	\$23.33	\$23.33	\$29.95	\$29.95	\$25.25	\$25.25
3472	1.0	EACH	\$10.82	\$10.82	\$10.67	\$10.67	\$9.00	\$9.00
3801	3.0	EACH	\$34.03	\$102.09	\$22.96	\$68.88	\$19.36	\$58.08
1365	2.0	EACH	\$7.30	\$14.60	\$5.02	\$10.04	\$4.61	\$9.22
6437	2.0	EACH	\$16.56	\$33.12	\$16.92	\$33.84	\$13.23	\$26.46
6436	2.0	EACH	\$21.43	\$42.86	\$25.68	\$51.36	\$19.06	\$38.12
7750 S	4.0	EACH	\$12.62	\$50.48	\$12.92	\$51.68	\$10.60	\$42.40
6671	1.0	EACH	\$27.46	\$27.46	\$27.91	\$27.91	\$23.53	\$23.53
6438	1.0	EACH	\$15.78	\$15.78	\$17.84	\$17.84	\$15.04	\$15.04
1768	1.0	EACH	\$10.45	\$10.45	\$7.83	\$7.83	\$6.60	\$6.60
AT 335977	2.0	EACH	\$121.98	\$243.96	\$126.00	\$252.00	\$124.44	\$248.88
AT 336140	2.0	EACH	\$43.79	\$87.58	\$31.88	\$63.76	n/a	\$0.00
3977	1.0	EACH	\$29.96	\$29.96	\$21.07	\$21.07	\$18.70	\$18.70
3978	1.0	EACH	\$25.83	\$25.83	\$23.07	\$23.07	\$19.26	\$19.26
3248	2.0	EACH	\$9.27	\$18.54	\$7.99	\$15.98	\$6.51	\$13.02
1410	1.0	EACH	\$7.21	\$7.21	\$6.80	\$6.80	\$5.62	\$5.62
9161	1.0	EACH	\$13.00	\$13.00	\$10.46	\$10.46	\$8.40	\$8.40
6080	1.0	EACH	\$14.44	\$14.44	\$6.80	\$6.80	\$5.96	\$5.96
1268	2.0	EACH	\$4.79	\$9.58	\$5.13	\$10.26	\$4.24	\$8.48
1826	1.0	EACH	\$16.78	\$16.78	\$13.90	\$13.90	\$10.77	\$10.77
6314	1.0	EACH	\$26.87	\$26.87	\$32.12	\$32.12	\$25.18	\$25.18
7744 XD	1.0	EACH	\$31.64	\$31.64	\$38.62	\$38.62	\$31.85	\$31.85
6871	1.0	EACH	\$65.50	\$65.50	\$48.98	\$48.98	\$39.25	\$39.25
3994	1.0	EACH	\$46.62	\$46.62	\$53.21	\$53.21	\$43.54	\$43.54
6870	2.0	EACH	\$45.76	\$91.52	\$53.12	\$106.24	\$43.90	\$87.80
1799	1.0	EACH	\$23.47	\$23.47	\$23.65	\$23.65	\$19.07	\$19.07
1601	1.0	EACH	\$8.69	\$8.69	\$7.24	\$7.24	\$6.11	\$6.11
6569	1.0	EACH	\$20.03	\$20.03	\$17.46	\$17.46	\$14.72	\$14.72
6562	1.0	EACH	\$29.37	\$29.37	\$29.95	\$29.95	\$25.25	\$25.25
3472	1.0	EACH	\$10.82	\$10.82	\$10.67	\$10.67	\$9.00	\$9.00
3801	1.0	EACH	\$31.76	\$31.76	\$22.96	\$22.96	\$19.36	\$19.36
1243	2.0	EACH	\$5.01	\$10.02	\$5.46	\$10.92	\$4.35	\$8.70
6466	1.0	EACH	\$41.21	\$41.21	\$46.79	\$46.79	\$35.98	\$35.98

6467	1.0	EACH	\$22.48	\$22.48	\$23.45	\$23.45	\$19.17	\$19.17
3531	1.0	EACH	\$17.68	\$17.68	\$19.89	\$19.89	\$16.44	\$16.44
1740	1.0	EACH	\$35.15	\$35.15	\$31.21	\$31.21	\$26.18	\$26.18
1268	2.0	EACH	\$4.79	\$9.58	\$5.13	\$10.26	\$4.24	\$8.48
2914	1.0	EACH	\$24.16	\$24.16	\$31.76	\$31.76	\$27.66	\$27.66
3369	1.0	EACH	\$19.88	\$19.88	\$18.16	\$18.16	\$14.57	\$14.57
3352	1.0	EACH	\$4.67	\$4.67	\$6.61	\$6.61	\$5.08	\$5.08
1551	1.0	EACH	\$4.82	\$4.82	\$6.06	\$6.06	\$5.11	\$5.11
1365	1.0	EACH	\$7.30	\$7.30	\$5.02	\$5.02	\$4.61	\$4.61
6437	1.0	EACH	\$65.60	\$65.60	\$16.92	\$16.92	\$13.23	\$13.23
6436	1.0	EACH	\$21.43	\$21.43	\$25.68	\$25.68	\$19.06	\$19.06
6436	2.0	EACH	\$21.43	\$42.86	\$25.68	\$51.36	\$19.06	\$38.12
107423(1394)	1.0	EACH	\$5.45	\$5.45	\$4.19	\$4.19	\$3.85	\$3.85
1806	1.0	EACH	\$7.40	\$7.40	\$9.43	\$9.43	\$7.57	\$7.57
2222	1.0	EACH	\$20.99	\$20.99	\$17.04	\$17.04	\$14.36	\$14.36
6314	1.0	EACH	\$26.87	\$26.87	\$32.12	\$32.12	\$25.18	\$25.18
3166	1.0	EACH	\$5.47	\$5.47	\$5.36	\$5.36	\$4.52	\$4.52
1826	1.0	EACH	\$16.78	\$16.78	\$13.90	\$13.90	\$10.77	\$10.77
600158	1.0	EACH	\$28.01	\$28.01	\$23.44	\$23.44	\$18.89	\$18.89
Re 544934	1.0	EACH	\$32.82	\$32.82	n/a	\$0.00	n/a	\$0.00
7624	1.0	EACH	\$64.32	\$64.32	\$58.69	\$58.69	\$49.32	\$49.32
3033	1.0	EACH	\$4.55	\$4.55	\$3.25	\$3.25	\$2.99	\$2.99
9190	1.0	EACH	\$19.69	\$19.69	\$30.39	\$30.39	\$24.40	\$24.40
9189	1.0	EACH	\$11.63	\$11.63	\$18.46	\$18.46	\$14.86	\$14.86
7201	1.0	EACH	\$34.52	\$34.52	\$34.64	\$34.64	\$27.20	\$27.20
9161	1.0	EACH	\$13.00	\$13.00	\$10.46	\$10.46	\$8.40	\$8.40
55002	1.0	EACH	\$25.79	\$25.79	n/a	\$0.00	\$18.63	\$18.63
9275	1.0	EACH	\$57.66	\$57.66	\$38.23	\$38.23	\$31.12	\$31.12
9276	1.0	EACH	\$19.60	\$19.60	\$25.37	\$25.37	\$20.66	\$20.66
SJ 11784	3.0	EACH	\$68.61	\$205.83	n/a	\$0.00	n/a	\$0.00
3977	1.0	EACH	\$29.96	\$29.96	\$21.07	\$21.07	\$18.70	\$18.70
3743	1.0	EACH	\$20.20	\$20.20	\$15.94	\$15.94	\$13.44	\$13.44
550160	1.0	EACH	\$26.06	\$26.06	\$15.08	\$15.08	\$8.68	\$8.68
550188	1.0	EACH	\$11.32	\$11.32	\$12.71	\$12.71	\$8.57	\$8.57
600-123	3.0	EACH	\$52.52	\$157.56	\$43.87	\$131.61	\$35.75	\$107.25
TOTAL				\$2,596.79		\$2,124.89		\$1,741.37

- Notes: 1. All Bidders are inside Woodford County
2. Bidder 1 submitted filters other than Napa Gold quality
3. Bidder 2 submitted Wix filters and stated this is equivalent to Napa Gold

Municipality N/A	L O C A L A G E N C Y	Preliminary Engineering Services Agreement For Local Funds	C O N S U L T A N T	Name Hutchison Engineering, Inc.
Township N/A				Address 2015 W. Glen Ave., Suite 210
County Woodford				City Peoria
Section 86-00075-07-PV				State IL

THIS AGREEMENT is made and entered into this _____ day of January, 2017 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement described herein. Local Funds under the general supervision of the Local Agency, will be used entirely to finance ENGINEERING services as described under AGREEMENT PROVISIONS and the attached Scope of Services.

Section Description

Name CH 11/IL 89 Intersection/Reconstruction part of the CH 1 Reconstruction Project

Route CH 1 Length 0.076 Mi. 400 FT (Structure No. N/A)

Termini Sta. 12+00 to 16+00 – IL 89 to approximately 400' east of IL 89.

Description: Reconstruction of the CH 1/IL 89 intersection.

Agreement Provisions

The Engineer Agrees,

1. To perform or be responsible for the performance of the attached scope of services and the following engineering services for the LA, in connection with the proposed improvements herein before described, and checked below:
 - a. Make such detailed surveys as are necessary for the preparation of detailed plans
 - b. Make stream and flood plain hydraulic surveys and gather high water data, and flood histories for the preparation of detailed bridge plans.
 - c. Perform dynamic cone penetrometer testing as may be required to furnish sufficient data for the design of the proposed improvement.
 - d. Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.
 - e. Prepare Army Corps of Engineers Permit, Department of Natural Resources-Office of Water Resources Permit, Bridge waterway sketch, and/or Channel Change sketch, Utility plan and locations, and Railroad Crossing work agreements.
 - f. Prepare Preliminary Bridge design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.
 - g. Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all documents, if required, shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.
 - h. Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easement and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

- i. Assist the LA in the tabulation and interpretation of the contractors' proposals
 - j. Prepare the necessary environmental documents in accordance with the procedures adopted by the DEPARTMENT's Bureau of Local Roads & Streets.
 - k. Prepare the Project Development Report when required by the DEPARTMENT.
- (2) That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to the AGREEMENT, will be in accordance with current standard specifications and policies of the DEPARTMENT. It is being understood that all such reports, plats, plans and drafts shall, before being finally accepted, be subject to approval by the LA and the DEPARTMENT.
- (3) To attend conferences at any reasonable time when requested to do so by representatives of the LA or the Department.
- (4) In the event plans or surveys are found to be in error during construction of the SECTION and revisions of the plans or survey corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the Contractor.
- (5) That basic survey notes and sketches, charts, computations and other data prepared or obtained by the Engineer pursuant to this AGREEMENT will be made available, upon request, to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
- (6) That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by him and will show his professional seal where such is required by law.

The LA Agrees,

1. To pay for services stipulated in paragraphs 1g of ENGINEER AGREES at the actual hourly rates of the employees performing such work multiplied by a 3.0 Direct labor Multiplier.

CADD time, Robotic Total Station, and GPS will be billed at the Engineer's current rate. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet part of the services provided in the attached scope of services.

"Cost to Engineer" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm, including the Principal Engineer, perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.

Payment for all engineering services described under ENGINEER AGREES shall not exceed \$8,875.00 unless approved in writing by the LA.

2. That, should the improvement be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1g, and prior to the completion of such services, the LA shall reimburse the ENGINEER for work hours and expenses as being defined in paragraph 1 of THE LA AGREES.
3. That, should the LA require changes in any of the detailed plans, specifications or estimates except for those required pursuant to paragraph 4 of THE ENGINEER AGREES, after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes as defined in paragraph 1 of THE LA AGREES.
It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans and specifications.

It is Mutually Agreed,

1. That any difference between the ENGINEER and the LA concerning their interpretation of the provisions of this Agreement shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all surveys, permits, agreements, preliminary bridge design & hydraulic report, drawings, specifications, partial and completed estimates and data, if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.
3. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract, and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration, contingent upon or resulting from the award or making of this contract. For Breach or violation of this warranty the LA shall have the right to annul this contract without liability.

IN WITNESS WHEREOF, the parties have caused the AGREEMENT to be executed in duplicate counterparts, each of which shall be considered as an original by each party.

Executed by the LA:

By _____

Title:

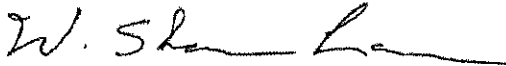
Executed by the ENGINEER:

Hutchison Engineering, Inc.

2015 W. Glen Ave, Suite 210

Peoria, IL 61614

By



Title: Office Manager

QC/QA Review	2								2
Plan in hand review									0
Client Pre-Final PS&E Submittal									0
Printing and Assembling									0
Comment Review/Disposition		0.5	1				0.5		1.5
Revisions			1						1
IDOT Pre-Final PS&E Submittal									0
Printing and Assembling								1.5	1.5
Comment Review/Disposition		1	2						3
Revisions			1						1
Railroad/ICC Pre-final PS&E Submittal									0
Printing and Assembling									0
Comment Review/Disposition									0
Revisions									0
IDOT Plan Submittal - Final									0
Printing and Assembling							1.5		1.5
Getting Full size and mylars made							1		1
Getting local agency signatures							1		1
Coordinate Letter of Understanding									0
Coordinate Railroad Construction & Maintenance Agreement									0
Final PS&E Submittal									0
Client Signature									0
Printing and Assembling									0
Client Coordination									0
Misc Coordination-Meetings/Phone Calls/Emails									0
IDOT Coordination									0
Misc Coordination-Meetings/Phone Calls/Emails									0
Bid Administration									0
Distribute Plans									0
Addendums									0
Prep for Bid Opening									0
Bid Opening									0
Notice of Award/Contract/Contract Bond									0
Notice to Proceed									0
Shop Drawing Review									0
Construction Support		4							0
Administration								3	3

Total Hours	2	23	0	27.5	0	0	0	9.5	57
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Direct Labor									
Hourly Rates	\$61.51	\$49.85	\$47.47	\$41.55	\$33.90	\$29.69	\$32.90	\$24.78	
Direct Labor Multiplier = 3.0	\$184.53	\$149.56	\$142.42	\$124.65	\$101.69	\$89.08	\$98.69	\$74.35	
Total	\$369.07	\$3,439.79	\$0.00	\$3,427.89	\$0.00	\$0.00	\$0.00	\$706.28	\$7,943.03

DIRECT COSTS

Mileage	Quantity	Unit	Rate	Total
Survey		Miles	\$0.540	\$0.000
Field Measurements	70	Miles	\$0.540	\$37.800
Design Meetings/Scoping Trips		Miles	\$0.540	\$0.000
CAD	52	Hours	\$15.00	\$780.000
Plan/Mylar Reproduction	1	L Sum	\$100.00	\$100.000
GPS		Days	\$200.00	\$0.000
Courthouse fees		L Sum		\$0.000
Recording fees		L Sum		\$0.000
Project Advertising		L Sum		\$0.000
Electrical Plan (Subconsultant)		L Sum		
Landscape Plan (Subconsultant)		L Sum		
Total Direct Costs				\$917.800

Labor = \$7,943.03
Direct Costs = \$917.800
Total = \$8,860.83