Local Agency Lake County	LO	Illinois Department	С	Consultant MACTEC Engineering and Consulting, Inc.
County Lake	CA	of Transportation	O N	Address 8745 W. Higgins Road, Suite 300
Section 10-00193-07-BR	L		SUL	City Chicago
Project No. BHM-9003(705)	GE	Preliminary Engineering Services Agreement	TA	State IL
Job No. D-91-760-10	N C	For Federal Participation	N T	Zip Code 60631
Contact Name/Phone/E-mail Address Helena Sullivan 847-377-7508 hsullivan@lakecountyil.gov	Y			Contact Name/Phone/E-mail Address Gary Baker, 773-693-6030 gsbaker@mactec.com
Local Agency (LA) and Consultant (ENGINEE Federal-aid funds allotted to the LA by the sta (STATE) will be used entirely or in part to final	ite o	Illinois under the general supervision	of th	e Illinois Department of Transportation
		Project Description		
Name Arlington Heights Road Bridge SB	٠.	Route FAU 2626 Leng	th "	42 ft. Structure No. 049-3055
Termini Over Buffalo Creek				
Description All Phase II Engineering for bridg facilitate the proposed improven			it and	d maintenance of traffic requirements to
		Agreement Provisions		
I. THE ENGINEER AGREES,	٠.			
To perform or be responsible for the period engineering services for the LA for the			prove	ed design standards and policies, of
To attend any and all meetings and visit	it the	site of the proposed improvement at	any r	easonable time when requested by

- representatives of the LA or STATE.
- 3. To complete the services herein described within 300 calendar days from the date of the Notice to Proceed from the LA, excluding from consideration periods of delay caused by circumstances beyond the control of the ENGINEER.
- The classifications of the employees used in the work should be consistent with the employee classifications and estimated manhours shown in EXHIBIT A. If higher-salaried personnel of the firm, including the Principal Engineer, perform services that are indicated in Exhibit A to be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the payroll rate for the work performed.
- That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable for the 5. PROJECT; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
- 6. That the ENGINEER shall be responsible for the accuracy of the work and shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of work by the STATE will not relieve the ENGINEER of the responsibility to make subsequent correction of any such errors or omissions or for clarification of any ambiguities.
- 7. That all plans and other documents furnished by the ENGINEER pursuant to this AGREEMENT will be endorsed by the ENGINEER and will affix the ENGINEER's professional seal when such seal is required by law. Plans for structures to be built as a part of the improvement will be prepared under the supervision of a registered structural engineer and will affix structural engineer seal when such seal is required by law. It will be the ENGINEER's responsibility to affix the proper seal as required by the Bureau of Local Roads and Streets manual published by the STATE.
- 8. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.

- The undersigned certifies neither the ENGINEER nor I have: ູ 9.
 - employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT,
 - agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
 - paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
 - are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency,
 - have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property,
 - are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) and
 - have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.
- 10. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
- To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent 11. Amendment or Supplement.
- 12.

12.	7	o submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the project (Exhibit B).
13.	Sco	ope of Services to be provided by the ENGINEER:
		Make such detailed surveys as are necessary for the planning and design of the PROJECT.
		Make stream and flood plain hydraulic surveys and gather both existing bridge upstream and downstream high water data and flood flow histories.
٠.	Ø	Prepare applications for U.S. Army Corps of Engineers Permit, Lake County Stormwater Management Commission Permit, Illinois Department of Natural Resources Office of Water Resources Permit and Illinois Environmental Protection Agency Section 404 Water Quality Certification.
	\boxtimes	Design and/or approve cofferdams and superstructure shop drawings.
		Prepare Bridge Condition Report and Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types and high water effects on roadway overflows and bridge approaches).
		Prepare the necessary environmental and planning documents including the Project Development Report, Environmental Class of Action Determination or Environmental Assessment, State Clearinghouse, Substate Clearinghouse and all necessary environmental clearances.
		Make such soil surveys or subsurface investigations including borings and soil profiles as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations to be made in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE.
		Analyze and evaluate the soil surveys and structure borings to determine the roadway structural design and bridge foundation.
		Prepare preliminary roadway and drainage structure plans and meet with representatives of the LA and STATE at the site of the improvement for review of plans prior to the establishment of final vertical and horizontal alignment, location and size of drainage structures, and compliance with applicable design requirements and policies.
		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.
		Complete the general and detailed plans, special provisions and estimate of cost. Contract plans shall be prepared in accordance with the guidelines contained in the Bureau of Local Roads and Streets manual. The special provisions and detailed estimate of cost shall be furnished in quadruplicate.
		Furnish the LA with survey and drafts in quadruplicate all necessary right-of-way dedications, construction easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

II. THE LA AGREES,

1. 2.	To furnish the ENGINEER all presently available survey data and information To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas: Total Not-to-Exceed Contract Amount shall be \$81,882
	Cost Plus Fixed Fee
	Where: DL = Direct Labor IHDC = In House Direct Costs OH = Consultant Firm's Actual Overhead Factor R = Complexity Factor
	Specific Rate
	Lump Sum
3.	To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:
	With Retainage ✓
<i>z</i>	 a) For the first 50% of completed work, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER. b) After 50% of the work is completed, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER. c) Final Payment – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
	☐ Without Retainage
	 For progressive payments – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER. Final Payment – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum o money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER
	The recipient shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this AGREEMENT. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation

III. IT IS MUTALLY AGREED,

1. That no work shall be commenced by the ENGINEER prior to issuance by the LA of a written Notice to Proceed.

the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).

2. That tracings, plans, specifications, estimates, maps and other documents prepared by the ENGINEER in accordance with this AGREEMENT shall be delivered to and become the property of the LA and that basic survey notes, sketches, charts and other data prepared or obtained in accordance with this AGREEMENT shall be made available, upon request, to the LA or to the STATE, without restriction or limitation as to their use.

of this AGREEMENT. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or

- 3. That all reports, plans, estimates and special provisions furnished by the ENGINEER shall be in accordance with the current Standard Specifications for Road and Bridge Construction, Bureau of Local Roads and Streets Administrative Policies, Federal-Aid Procedures for Local Highway Improvements or any other applicable requirements of the STATE, it being understood that all such furnished documents shall be approved by the LA and the STATE before final acceptance. During the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
- 4. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
- 5. To maintain, for a minimum of 3 years after the completion of the contract, adequate books, records and supporting documents to verify the amounts, recipients and uses of all disbursements of funds passing in conjunction with the contract; the contract and all books, records and supporting documents related to the contract shall be available for review and audit by the Auditor General and the STATE; and to provide full access to all relevant materials. Failure to maintain the books, records and supporting documents required by this section shall establish a presumption in favor of the STATE for the recovery of any funds paid by the STATE under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.
- 6. The payment by the LA in accordance with numbered paragraph 3 of Section II will be considered payment in full for all services rendered in accordance with this AGREEMENT whether or not they are actually enumerated in this AGREEMENT.
- 7. That the ENGINEER shall be responsible for any and all damages to property or persons arising out of an error, omission and/or negligent act in the prosecution of the ENGINEER's work and shall indemnify and save harmless the LA, the STATE, and their officers, agents and employees from all suits, claims, actions or damages of any nature whatsoever resulting there from. These indemnities shall not be limited by the listing of any insurance policy.
- 8. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at the ENGINEER's last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all drawings, plats, surveys, reports, permits, agreements, soils and foundation analysis, provisions, specifications, partial and completed estimates and data, if any from soil survey and subsurface investigation with the understanding that all such material becomes the property of the LA. The LA will be responsible for reimbursement of all eligible expenses to date of the written notice of termination.
- 9. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of the contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

- a. Publishing a statement:
 - (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
 - (2) Specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (a) abide by the terms of the statement; and
 - (b) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- b. Establishing a drug free awareness program to inform employees about:
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's or contractor's policy of maintaining a drug free workplace;
 - (3) Any available drug counseling, rehabilitation and employee assistance program; and
 - (4) The penalties that may be imposed upon an employee for drug violations.
- c. Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
- d. Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- e. / Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by,
- f. Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
- g. Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

10. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination of this AGREEMENT or such other remedy as the LA deems appropriate.

Agr	reement Summary
Prime Consultant:	TIN Number Agreement Amount
MACTEC Engineering & Consulting, Inc.	68-0146861 \$81,882
in 15 125 Zinginosing & Consulting, mo.	08-0140801 401,002
Sub-Consultants:	TIN Number Agreement Amount
None	
	Sub-Consultant Total: \$0
	Prime Consultant Total: \$81,882
	Total for all Work: \$81,882
Executed by the LA:	Lake County
	(Municipality/Townchip/ County)
ATTEST:	
Зу:	Ву:
Lake County Clerk	Title: Chairman of the County Board
	RECOMMENDED FOR EXECUTION
(SEAL)	
	Martin G. Buehler, P.E.
	Director of Transportation/County Engineer
	Lake County
xecuted by the ENGINEER:	
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	Handle
TTEST:	Dary
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y: Jo-Ann Gentile Alm M Hitte	By: Gary Baker
tle: Executive Assistant	Title: Sr. Principal
OFFICIAL SEAL JO-ANN M GENTILE NOTARY PUBLIC - STATE OF ILLINOIS	

Consultant Services Cost Estimate of

Firm: MACTEC ENGINEERING AND CONSULTING Route: Arlington Heights Road Bridge over Buffalo Creek Section: 10-00193-07-BR

County: Lake Job No.: D-91-760-10 BHM-9003(705)

08/30/11 Date:

154.10% Overhead and Fringe Rate: Complexity Factor:

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		€	<u>(a)</u>	<u>(</u>)	(<u>O</u>)	(ii)	(T)	(E+F)	
	lltem	Manhours	Payroll	Overhead	Other	Fixed	Services	•	% of
				& Fringe	Direct	Fee	By	Total	Grand
				Benefits	Costs		Others	******	Total
~	PRE-FINAL PLAN PREPARATION AND	402	\$14,406	\$22,199		\$5,308		\$41,913	51.2%
2	FINAL PLANS SPECIFICATIONS AND (146	\$5,740	\$8,845	\$162	\$2,115		\$16.862	20.6%
ć	PROJECT COORD/FORMS & PERMS	44	\$2,103	\$3,241		\$775		\$6,119	7.5%
4	CONSTRUCTION PHASE ASSISTANCE	142	\$5,756	\$8,870	\$240	\$2,121		\$16,987	20.7%
				-					
	TOPOGRAPHIC SURVEY	0					€9	80	0.0%
	PAVEMENT CORING	0					\$	80	0.0%
	LANDSCAPE ARCHITECTURE	0					9	80	0.0%
	LIGHTING & ELECTRICAL	0					₽	0\$	0.0%
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TOTALS		734	\$28,005	\$43,156	\$405	\$10,318	\$0 \$81,882	382 100%
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MACTEC						↔	81,882	100.00%
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Exhibit B

MACTEC Engineering and Consulting Inc. 8745 W. Higgins Road Ste. 300, Chicago, IL



Engineering Payment Report

Prime Consultant

Name

Address

Telephone	773.693.6030		
TIN Number	68-0146861	·	
Project Information	n		
Local Agency	Lake County	•	
Section Number	10-00193-07-BR	·	•
Project Number	BRM-9003(704)	·	
Job Number	D-91-760-10	 .	
This form is to verify perjury or falsificatio	the amount paid to the Sub-consultant on the ab n, the undersigned certifies that work was execu	pove captioned contract. Un ted by the Sub-consultant fo	der penalty of law for r the amount listed below
	Sub-Consultant Name	TIN Number	Actual Payment from Prime
N/A		N/A	
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•		Sub-Consultant Total:	
		Prime Consultant Total:	
•		Total for all Work	

Note: The Department of Transportation is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under state and federal law. Disclosure of this information is REQUIRED and shall be deemed as concurring with the payment amount specified above.

Signature and title of Prime Consultant

Date

Completed:

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Item	Work Item		Proj.	Princ.	Senior	Proj.	Staff	Senior	Tech.	Admin.	MEC
Numb	er	SHEETS	Mgr.	Eng	Eng	Eng	Eng	Tech.		Off.	Item
		[· · ·	l ·		.					Asst.	Total
	0										
i.	0 PRE-FINAL PLAN PREPARATION AND SUBMITTAL										
1	1 STRUCTURAL PLAN SHEETS	15	· ·	38			71	69			178
1	2 ROADWAY AND GENERAL PLAN SHEETS	13	8		42	24		72			146
1	3 DETAIL SHEETS (including new trench drain in SW)	8		4	12	16		16			48
	4 COST ESTIMATE			1	8	4		-			13
	5 SPECIFICATIONS	 	·	1	8	8		1			17
	5 SECURCATIONS	 			. 0	0	<u> </u>				
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<u></u>	5 DISPOSITION OF COMMENTS	<u> </u>			<u> </u>				<u> </u>	-	
	# No. 10 Test		4.11.11.11.11	- ننونند				40		 	110
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3.	PROJECT COORD/FORMS & PERMS]	
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	LAKE COUNTY STORMWATER MANAGEMENT COMM.		2			4					6
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	BUFFALO GROVE AND FOREST PRESERVE	ļ	2								
3.4	IDOT/FED MEETING AND FOLLOWUP		4	4	8		<u> </u>				16
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4.0	CONSTRUCTION PHASE ASSISTANCE										
4.1	SHOP DRAWING REVIEW			40			60			12	112
4.2	FIELD VISITS AND COORDINATION		2	16	12				:	-	30
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	ROUTE: SECTION:	Arlington Heigh 10-00193-07-BR	Arlington Heights Road 10-00193-07-BR		3ridge o	Bridge over Buffalo Creek	falo Cre	Š				1			· · · · ·	
	COUNTY: JOB NO.:	Lake D-91-760-10		* * .			ŧ					l.m.l	DATE:	ଧ	08/30/11	,
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CLASSIFICATION			_			%			%	WGTD		-	WGTD			WGTD
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ROSECT MANAGER	\$ 70.00	0 2	10 07	- K	D (6.76		127	27.27		2 2		66.0	31	4.22%	2.96
SENIOR ENGINEER	. 1 :		17.41	7.51	ာ တွ	26.03	11.22	4 ∞	18.18	7.84	12	39.44	3.64	123	16.76%	8.97
PROJECT ENGINEER	\$ 35.21	52	12.94	4.56	20	13.70	4.82	20	45.45	16.01	0	0.00	0.00	92		4.41
TAFF ENGINEER	\$ 30.46	7.1	17.66	5.38	20	13.70	4.17	0	0.00	0.00	09	42.25	12.87	151	20.57%	6.27
SENIOR TECHNICIAN	\$ 28.53	157	39.05	11.14	40	27.40	7.82	0	0.00	0.00	0	0.00	0.00	197	26.84%	7.66
ECHNICIAN		0	0.00	0.00	0	00.0	0.00	0	00.00	00.0	0	0.00	0.00	0	%00.0	0.00
VORD PROCESSING	\$ 22.80	0	0.0	8	0	0.00	0.00	0	00.00	00.0	12	8.45	1.93	12	1.63%	0.37
														-		

100% 38.15

47.80

44 100.00

MACTEC ENGINEERING AND CONSULTING OTHER DIRECT COSTS

ROUTE:

Arlington Heights Road Bridge over Buffalo Creek

SECTION:

10-00193-07-BR

COUNTY

Lake

Job No.

D-91-760-10

PLAN PREPARATION AND SUBMITTAL

	RATE TABLE
\$0.50	per mile vehicle use
\$0.00	per CADD/GIS hour
\$0.10	per copy (81/2"X11")
\$0.50	per copy (81/2"X11") COLOR
	per copy (11"X17")
\$0.80	per copy (11"X17" COLOR)
	per print (22"x34")
\$1.00	Per page (Facsimile)
\$30.00	
	Overnight Delivery
\$25.00	per day parking

\$402.00

				Subtotals
PHASE II				
Pre-Final Plans (90%)	36	SETS @	\$1.50	\$0.00 full size
• •	36	4 SETS @	\$0.25	\$36.00 1/2 size
	36	SETS @	\$0.25	\$0.00 11"x17"
	36	SETS @	\$0.10	\$0.00 Specs & Estimates
Final Plans (1000%)	36	SETS @	\$1.50	\$0.00 full size
	36	4 SETS @	\$0.25	\$36.00 1/2 size
	1	1 Mylar	\$30.00	\$30.00 Signed Mylar
	. 36	SETS @	\$0.10	\$0.00 Specs & Estimates
Bid Sets		SETS @	\$1.50	\$0.00 full size
•	1	SETS @	\$0.25	\$0.00 1/2 size
	*	Sheet @	\$30.00	\$0.00 mylar Cover sheet only
	-	Disk @	\$30.00	\$0.00 Direct Cover sheet only
	÷	SETS @	\$0.10	\$0.00 Specs & Estimates
Overnight Delivery	4		\$15.00	\$60
\cdot				
				Subtotal: \$162
Phase III				
Thase in			•	
		* * * * * * * * * * * * * * * * * * *		
FIELD TRIPS:	4	60 MILES	\$0.500	\$120
Overnight Delivery:	8		\$15.00	\$120
		2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	• •	Subtotal: \$240
the state of the s			•	

SERVICES BY OTHERS

TOPOGRAPHIC SURVEY
PAVEMENT CORING
LANDSCAPE ARCHITECTURE
LIGHTING & ELECTRICAL

Not Required Not Required Not Required Not Required

Arlington Heights Road Bridge over Buffalo Creek MACTEC ENGINEERING AND CONSULTING

Rate Ranges (2011)

Classification			Rate			
Project Principal	ઝ	56.14	\$	↔	92.84	92.84 \$70 Rate Ca
Project Manager	()	45.59	\$	€	54.71	
Senior Engineer	↔	36.42	9	· (A)	46.37	
Project Engineer	↔	28.39	₽	69	39.47	7
Staff Engineer	₩	26.52	Q	မာ	32.76	
Senior Technician	↔	26.07	9	6)	28.38	
Cadd Technician			9	.*	·.	
Tech Writer/Coordinator	⇔	22.07		↔	35.02	
Word Processor	↔	18.22	9	()	27.52	

Raises occur annually at the end of June and average 3.5%