

If you plan to submit a bid directly to the Department of Transportation

PREQUALIFICATION

Any contractor who desires to become pre-qualified to bid on work advertised by IDOT must submit the properly completed pre-qualification forms to the Bureau of Construction no later than 4:30 p.m. prevailing time twenty-one days prior to the letting of interest. This pre-qualification requirement applies to first time contractors, contractors renewing expired ratings, contractors maintaining continuous pre-qualification or contractors requesting revised ratings. To be eligible to bid, existing pre-qualification ratings must be effective through the date of letting.

REQUESTS FOR AUTHORIZATION TO BID

Contractors wanting to bid on items included in a particular letting must submit the properly completed "Request for Authorization to Bid/or Not For Bid Status" (BDE 124INT) and the ORIGINAL "Affidavit of Availability" (BC 57) to the proper office no later than 4:30 p.m. prevailing time, three (3) days prior to the letting date.

WHO CAN BID ?

Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction.

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Request for Authorization to Bid/or Not For Bid Status" (BDE 124INT) he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued an **Authorization to Bid or Not for Bid Report**, approved by the Central Bureau of Construction that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Authorization to Bid or Not for Bid Report** will indicate the reason for denial.

ABOUT AUTHORIZATION TO BID: Firms that have not received an authorization form within a reasonable time of complete and correct original document submittal should contact the department as to status. This is critical in the week before the letting. These documents must be received three days before the letting date. Firms unsure as to authorization status should call the Prequalification Section of the Bureau of Construction at the number listed at the end of these instructions.

ADDENDA AND REVISIONS: It is the contractor's responsibility to determine which, if any, addenda or revisions pertain to any project they may be bidding. Failure to incorporate all relevant addenda or revisions may cause the bid to be declared unacceptable.

Each addendum will be placed with the contract number. Addenda and revisions will also be placed on the Addendum/Revision Checklist and each subscription service subscriber will be notified by e-mail of each addendum and revision issued.

The Internet is the Department's primary way of doing business. The subscription server e-mails are an added courtesy the Department provides. It is suggested that bidders check IDOT's website at <http://www.dot.il.gov/desenv/delett.html> before submitting final bid information.

IDOT IS NOT RESPONSIBLE FOR ANY E-MAIL FAILURES.

Addenda Questions may be directed to the Contracts Office at (217)782-7806 or D&Econtracts@dot.il.gov

Technical Questions about downloading these files may be directed to Tim Garman (217)524-1642 or Timothy.Garman@illinois.gov.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

1. All documents from the Proposal Cover Sheet through the Proposal Bid Bond
2. Other special documentation and/or information that may be required by the contract special provisions

All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed by IDOT personnel.

ABOUT SUBMITTING BIDS: It is recommended that bidders deliver bids in person to insure they arrive at the proper location prior to the time specified for the receipt of bids. Any bid received at the place of letting after the time specified will not be accepted.

WHO SHOULD BE CALLED IF ASSISTANCE IS NEEDED?

Questions Regarding	Call
Prequalification and/or Authorization to Bid	217/782-3413
Preparation and submittal of bids	217/782-7806
Mailing of plans and proposals	217/782-7806

ADDENDUMS AND REVISIONS TO THE PROPOSAL FORMS

Planholders should verify that they have received and incorporated any addendum and/or revision prior to submitting their bid. Failure by the bidder to include an addendum or revision could result in a bid being rejected as irregular.

RETURN WITH BID

1W

Proposal Submitted By
Name
Address
City

Letting March 5, 2010

BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL
(See instructions inside front cover)

NOTICE TO PROSPECTIVE BIDDERS
 This proposal can be used for bidding purposes by only those companies that request and receive written AUTHORIZATION TO BID from IDOT's Central Bureau of Construction.
 (SEE INSTRUCTIONS ON THE INSIDE OF COVER)

Notice To Bidders, Specifications, Proposal, Contract and Contract Bond



Lake Michigan/Chicago River
 Leakage Control
 Chicago, Illinois
 Cook County FR-401

PLEASE MARK THE APPROPRIATE BOX BELOW:

A Bid Bond is included.

A Cashier's Check or a Certified Check is included

Prepared by _____ S
 Checked by _____

INSTRUCTIONS

ABOUT IDOT PROPOSALS: All proposals issued by IDOT are potential bidding proposals. Each proposal contains all Certifications and Affidavits, a Proposal Signature Sheet and a Proposal Bid Bond required for Prime Contractors to submit a bid after written **Authorization to Bid** has been issued by IDOT's Central Bureau of Construction.

WHO CAN BID?: Bids will be accepted from only those companies that request and receive written **Authorization to Bid** from IDOT's Central Bureau of Construction. To request authorization, a potential bidder must complete and submit Part B of the Request for Authorization to Bid/or Not for Bid Status form (BDE 124 INT) and submit an original Affidavit of Availability (BC 57).

WHAT CONSTITUTES WRITTEN AUTHORIZATION TO BID?: When a prospective prime bidder submits a "Authorization to Bid or Not for Bid" form, he/she must indicate at that time which items are being requested For Bidding purposes. Only those items requested For Bidding will be analyzed. After the request has been analyzed, the bidder will be issued a **Authorization to Bid or Not for Bid Report**, approved by the Central Bureau of Construction, that indicates which items have been approved For Bidding. If **Authorization to Bid** cannot be approved, the **Authorization to Bid or Not for Bid Report** will indicate the reason for denial. If a contractor has requested to bid but has not received a **Authorization to Bid or Not for Bid Report**, they should contact the Central Bureau of Construction in advance of the letting date.

WHAT MUST BE INCLUDED WHEN BIDS ARE SUBMITTED?: Bidders need not return the entire proposal when bids are submitted. That portion of the proposal that must be returned includes the following:

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Mailing of CD-ROMS	217/782-7806

RETURN WITH BID



ILLINOIS
DEPARTMENT OF
NATURAL RESOURCES
Office of Water Resources

PROPOSAL

TO THE DEPARTMENT OF NATURAL RESOURCES

1. Proposal of _____

Taxpayer Identification Number (Mandatory) _____ a

for the improvement identified and advertised for bids in the Invitation for Bids as:

- 1W Cook County**
- FR-401**
- Lake Michigan/Chicago River Leakage Control, Chicago, Illinois**

The project consists of repairing leaks from Lake Michigan into the Chicago River at the headland of the Chicago River. Due to site requirements, some of the work will need to be performed from a barge. Work will consist of furnishing and driving steel sheet piling, installing walers for the piling, filling behind some of the piling with lean concrete, boring and filling seepage control grout holes, underwater joint sealing (welding) for the existing steel sheet pile sea wall, pressure grouting, removal and replacement of existing riprap, removing and rebuilding some concrete cap on a seawall and all appurtenant work required to complete the project located along the North Pier separating the Chicago River from Lake Michigan in Cook County, Illinois immediately south of Navy Pier.

- 2. The undersigned bidder will furnish all labor, material and equipment to complete the above described project in a good and workmanlike manner as provided in the contract documents provided by the Department of Natural Resources and the Department of Transportation. This proposal will become part of the contract and the terms and conditions contained in the contract documents shall govern performance and payments.

RETURN WITH BID

3. **ASSURANCE OF EXAMINATION AND INSPECTION/WAIVER.** The undersigned further declares that he/she has carefully examined the proposal, plans, specifications, form of contract and contract bond, and special provisions, and that he/she has inspected in detail the site of the proposed work, and that he/she has familiarized themselves with all of the local conditions affecting the contract and the detailed requirements of construction, and understands that in making this proposal he/she waives all right to plead any misunderstanding regarding the same.
4. **EXECUTION OF CONTRACT AND CONTRACT BOND.** The undersigned further agrees to execute a contract for this work and present the same to the department within fifteen (15) days after the contract has been mailed to him/her. The undersigned further agrees that he/she and his/her surety will execute and present within fifteen (15) days after the contract has been mailed to him/her contract bond satisfactory to and in the form prescribed by the Department of Natural Resources, in the penal sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract.
5. **PROPOSAL GUARANTY.** Accompanying this proposal is either a bid bond on the department form, executed by a corporate surety company satisfactory to the department, or a proposal guaranty check consisting of a bank cashier's check or a properly certified check for not less than 5 per cent of the amount bid or for the amount specified in the following schedule:

<u>Amount of Bid</u>		<u>Proposal Guaranty</u>	<u>Amount of Bid</u>		<u>Proposal Guaranty</u>	
Up to	\$5,000	\$150	\$2,000,000	to	\$3,000,000	\$100,000
\$5,000	to \$10,000	\$300	\$3,000,000	to	\$5,000,000	\$150,000
\$10,000	to \$50,000	\$1,000	\$5,000,000	to	\$7,500,000	\$250,000
\$50,000	to \$100,000	\$3,000	\$7,500,000	to	\$10,000,000	\$400,000
\$100,000	to \$150,000	\$5,000	\$10,000,000	to	\$15,000,000	\$500,000
\$150,000	to \$250,000	\$7,500	\$15,000,000	to	\$20,000,000	\$600,000
\$250,000	to \$500,000	\$12,500	\$20,000,000	to	\$25,000,000	\$700,000
\$500,000	to \$1,000,000	\$25,000	\$25,000,000	to	\$30,000,000	\$800,000
\$1,000,000	to \$1,500,000	\$50,000	\$30,000,000	to	\$35,000,000	\$900,000
\$1,500,000	to \$2,000,000	\$75,000	over		\$35,000,000	\$1,000,000

Bank cashier's checks or properly certified checks accompanying proposals shall be made payable to the Treasurer, State of Illinois, when the state is awarding authority; the county treasurer, when a county is the awarding authority; or the city, village, or town treasurer, when a city, village, or town is the awarding authority.

If a combination bid is submitted, the proposal guaranties which accompany the individual proposals making up the combination will be considered as also covering the combination bid.

The amount of the proposal guaranty check is _____ \$(_____). If this proposal is accepted and the undersigned shall fail to execute a contract bond as required herein, it is hereby agreed that the amount of the proposal guaranty shall become the property of the State of Illinois, and shall be considered as payment of damages due to delay and other causes suffered by the State because of the failure to execute said contract and contract bond; otherwise, the bid bond shall become void or the proposal guaranty check shall be returned to the undersigned.

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual proposal. If the guaranty check is placed in another proposal, state below where it may be found.

The proposal guaranty check will be found in the proposal for:

Item _____

Section No. _____

County _____

Mark the proposal cover sheet as to the type of proposal guaranty submitted.

RETURN WITH BID

6. **COMBINATION BIDS.** The undersigned further agrees that if awarded the contract for the sections contained in the following combination, he/she will perform the work in accordance with the requirements of each individual proposal comprising the combination bid specified in the schedule below, and that the combination bid shall be prorated against each section in proportion to the bid submitted for the same. If an error is found to exist in the gross sum bid for one or more of the individual sections included in a combination, the combination bid shall be corrected as provided in the specifications.

When a combination bid is submitted, the schedule below must be completed in each proposal comprising the combination.

If alternate bids are submitted for one or more of the sections comprising the combination, a combination bid must be submitted for each alternate.

Schedule of Combination Bids

Combination No.	Sections Included in Combination	Combination Bid	
		Dollars	Cents

7. **SCHEDULE OF PRICES.** The undersigned bidder submits herewith, in accordance with the rules and instructions, a schedule of prices for the items of work for which bids are sought. The unit prices bid are in U.S. dollars and cents, and all extensions and summations have been made. The bidder understands that the quantities appearing in the bid schedule are approximate and are provided for the purpose of obtaining a gross sum for the comparison of bids. If there is an error in the extension of the unit prices, the unit prices shall govern. Payment to the contractor awarded the contract will be made only for actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as provided elsewhere in the contract.
8. **CERTIFICATE OF AUTHORITY.** The undersigned bidder, if a business organized under the laws of another State, assures the Department that it will furnish a copy of its certificate of authority to do business in the State of Illinois with the return of the executed contract and bond. Failure to furnish the certificate within the time provided for execution of an awarded contract may be cause for cancellation of the award and forfeiture of the proposal guaranty to the State.

LAKE MICHIGAN/CHICAGO RIVER
LEAKAGE CONTROL
CHICAGO, ILLINOIS
COOK COUNTY FR-401

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
1	Concrete Removal	cu yd	58.3				
2	Concrete Structures	cu yd	58.3				
3	Reinforcement Bars, Epoxy Coated	pound	1,200				
4	Furnishing Steel Piles HP 14 x 73	foot	104				
5	Driving Piles	foot	160				
6	Steel Sheet Piling	sq ft	4,036				
7	Engineer's Field Office Type B, Special	cal mo	6				
8	Mobilization	l sum	1				
9	Temporary Bracing Assembly	l sum	1				
10	Remove and Replace Existing Modular Block Wall	l sum	1				
11	Electric Service Relocation	l sum	1				
12	Furnishing Steel Piles HP 14 x 73, Special	foot	56				
13	Sheet Piling Removal	sq ft	164				
14	Lean Concrete Fill	cu yd	70				

LAKE MICHIGAN/CHICAGO RIVER
LEAKAGE CONTROL
CHICAGO, ILLINOIS
COOK COUNTY FR-401

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
15	Waler Assembly	l sum	1				
16	Seepage Control Grout Hole	each	2				
17	Underwater Joint Repair	foot	200				
18	Pressure Grouting	bags	330				
19	Pressure Grouting (Provisional)	bags	450				
20	Observation Wells	l sum	1				
				TOTAL PROPOSAL			

NOTE:

1. Each pay item should have a unit price and a total price.
2. The unit price shall govern if no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid will be declared unacceptable if neither a unit price nor a total is shown.

RETURN WITH BID

STATE REQUIRED ETHICAL STANDARDS GOVERNING CONTRACT PROCUREMENT: ASSURANCES, CERTIFICATIONS AND DISCLOSURES

I. GENERAL

A. Article 50 of the Illinois Procurement Code establishes the duty of all State chief procurement officers, State purchasing officers, and their designees to maximize the value of the expenditure of public moneys in procuring goods, services, and contracts for the State of Illinois and to act in a manner that maintains the integrity and public trust of State government. In discharging this duty, they are charged by law to use all available information, reasonable efforts, and reasonable actions to protect, safeguard, and maintain the procurement process of the State of Illinois.

B. In order to comply with the provisions of Article 50 and to carry out the duty established therein, all bidders are to adhere to ethical standards established for the procurement process, and to make such assurances, disclosures and certifications required by law. By execution of the Proposal Signature Sheet, the bidder indicates that each of the mandated assurances has been read and understood, that each certification is made and understood, and that each disclosure requirement has been understood and completed.

C. In addition to all other remedies provided by law, failure to comply with any assurance, failure to make any disclosure or the making of a false certification shall be grounds for termination of the contract and the suspension or debarment of the bidder.

II. ASSURANCES

A. The assurances hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous assurance, and the surety providing the performance bond shall be responsible for the completion of the contract.

B. Felons

1. The Illinois Procurement Code provides:

Section 50-10. Felons. Unless otherwise provided, no person or business convicted of a felony shall do business with the State of Illinois or any state agency from the date of conviction until 5 years after the date of completion of the sentence for that felony, unless no person held responsible by a prosecutorial office for the facts upon which the conviction was based continues to have any involvement with the business.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-10.

C. Conflicts of Interest

1. The Illinois Procurement Code provides in pertinent part:

Section 50-13. Conflicts of Interest.

(a) Prohibition. It is unlawful for any person holding an elective office in this State, holding a seat in the General Assembly, or appointed to or employed in any of the offices or agencies of state government and who receives compensation for such employment in excess of 60% of the salary of the Governor of the State of Illinois, or who is an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority, or who is the spouse or minor child of any such person to have or acquire any contract, or any direct pecuniary interest in any contract therein, whether for stationery, printing, paper, or any services, materials, or supplies, that will be wholly or partially satisfied by the payment of funds appropriated by the General Assembly of the State of Illinois or in any contract of the Capital Development Board or the Illinois Toll Highway authority.

(b) Interests. It is unlawful for any firm, partnership, association or corporation, in which any person listed in subsection (a) is entitled to receive (i) more than 7 1/2% of the total distributable income or (ii) an amount in excess of the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.

(c) Combined interests. It is unlawful for any firm, partnership, association, or corporation, in which any person listed in subsection (a) together with his or her spouse or minor children is entitled to receive (i) more than 15%, in the aggregate, of the total distributable income or (ii) an amount in excess of 2 times the salary of the Governor, to have or acquire any such contract or direct pecuniary interest therein.

(d) Securities. Nothing in this Section invalidates the provisions of any bond or other security previously offered or to be offered for sale or sold by or for the State of Illinois.

(e) Prior interests. This Section does not affect the validity of any contract made between the State and an officer or employee of the State or member of the General Assembly, his or her spouse, minor child or any combination of those persons if that contract was in existence before his or her election or employment as an officer, member, or employee. The contract is voidable, however, if it cannot be completed within 365 days after the officer, member, or employee takes office or is employed.

The current salary of the Governor is \$177,412.00. Sixty percent of the salary is \$106,447.20

RETURN WITH BID

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-13, or that an effective exemption has been issued by the Board of Ethics to any individual subject to the Section 50-13 prohibitions pursuant to the provisions of Section 50-20 of the Code and Executive Order Number 3 (1998). Information concerning the exemption process is available from the Department upon request.

D. Negotiations

1. The Illinois Procurement Code provides in pertinent part:

Section 50-15. Negotiations.

(a) It is unlawful for any person employed in or on a continual contractual relationship with any of the offices or agencies of State government to participate in contract negotiations on behalf of that office or agency with any firm, partnership, association, or corporation with whom that person has a contract for future employment or is negotiating concerning possible future employment.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-15, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

E. Inducements

1. The Illinois Procurement Code provides:

Section 50-25. Inducement. Any person who offers or pays any money or other valuable thing to any person to induce him or her not to bid for a State contract or as recompense for not having bid on a State contract is guilty of a Class 4 felony. Any person who accepts any money or other valuable thing for not bidding for a State contract or who withholds a bid in consideration of the promise for the payment of money or other valuable thing is guilty of a Class 4 felony.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-25, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

F. Revolving Door Prohibition

1. The Illinois Procurement Code provides:

Section 50-30. Revolving door prohibition. Chief procurement officers, associate procurement officers, State purchasing officers, their designees whose principal duties are directly related to State procurement, and executive officers confirmed by the Senate are expressly prohibited for a period of 2 years after terminating an affected position from engaging in any procurement activity relating to the State agency most recently employing them in an affected position for a period of at least 6 months. The prohibition includes, but is not limited to: lobbying the procurement process; specifying; bidding; proposing bid, proposal, or contract documents; on their own behalf or on behalf of any firm, partnership, association, or corporation. This Section applies only to persons who terminate an affected position on or after January 15, 1999.

2. The bidder assures the Department that the award and execution of the contract would not cause a violation of Section 50-30, and that the bidder has no knowledge of any facts relevant to the kinds of acts prohibited therein.

G. Reporting Anticompetitive Practices

1. The Illinois Procurement Code provides:

Section 50-40. Reporting anticompetitive practices. When, for any reason, any vendor, bidder, contractor, chief procurement officer, State purchasing officer, designee, elected official, or State employee suspects collusion or other anticompetitive practice among any bidders, offerors, contractors, proposers, or employees of the State, a notice of the relevant facts shall be transmitted to the Attorney General and the chief procurement officer.

2. The bidder assures the Department that it has not failed to report any relevant facts concerning the practices addressed in Section 50-40 which may involve the contract for which the bid is submitted.

H. Confidentiality

1. The Illinois Procurement Code provides:

Section 50-45. Confidentiality. Any chief procurement officer, State purchasing officer, designee, or executive officer who willfully uses or allows the use of specifications, competitive bid documents, proprietary competitive information, proposals, contracts, or selection information to compromise the fairness or integrity of the procurement, bidding, or contract process shall be subject to immediate dismissal, regardless of the Personnel code, any contract, or any collective bargaining agreement, and may in addition be subject to criminal prosecution.

2. The bidder assures the Department that it has no knowledge of any fact relevant to the practices addressed in Section 50-45 which may involve the contract for which the bid is submitted.

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I. Insider Information

1. The Illinois Procurement Act provides:

Section 50-50. Insider information. It is unlawful for any current or former elected or appointed State official or State employee to knowingly use confidential information available only by virtue of that office or employment for actual or anticipated gain for themselves or another person.

2. The bidder assures the Department that it has no knowledge of any facts relevant to the practices addressed in Section 50-50 which may involve the contract for which the bid is submitted.

III. CERTIFICATIONS

A. The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous certification, and the surety providing the performance bond shall be responsible for completion of the contract.

B. Bribery

1. The Illinois Procurement Code provides:

Section 50-5. Bribery

(a) Prohibition. No person or business shall be awarded a contract or subcontract under this code who:

(1) has been convicted under the laws of Illinois or any other state of bribery or attempting to bribe an officer or employee of the State of Illinois or any other state in that officer's or employee's official capacity; or

(2) has made an admission of guilt of that conduct that is a matter of record but has not been prosecuted for that conduct.

(b) Businesses. No business shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of the business if the employee or agent is no longer employed by the business and;

(1) the business has been finally adjudicated not guilty or;

(2) the business demonstrates to the government entity with which it seeks to contract, and that entity finds that the commission of the offense was not authorized, requested, commanded, or performed by a director, officer, or high managerial agent on behalf of the business as provided in paragraph (2) of subsection (a) of section 5-4 of the Criminal Code of 1961.

(c) Conduct on behalf of business. For purposes of this section, when an official, agent, or employee of a business committed the bribery or attempted bribery on behalf of the business and in accordance with the direction or authorization of a responsible official of the business, the business shall be chargeable with the conduct.

(d) Certification. Every bid submitted to and contract executed by the State shall contain a certification by the contractor that the contractor is not barred from being awarded a contract or subcontract under this Section. A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

2. The bidder certifies that it is not barred from being awarded a contract under Section 50.5.

C. Educational Loan

1. Section 3 of the Educational Loan Default Act provides:

§ 3. No State agency shall contract with an individual for goods or services if that individual is in default, as defined in section 2 of this Act, on an educational loan. Any contract used by any State agency shall include a statement certifying that the individual is not in default on an educational loan as provided in this Section.

2. The bidder, if an individual as opposed to a corporation, partnership or other form of business organization, certifies that the bidder is not in default on an educational loan as provided in Section 3 of the Act.

D. Bid-Rigging/Bid Rotating

1. Section 33E-11 of the Criminal Code of 1961 provides:

§ 33E-11. (a) Every bid submitted to and public contract executed pursuant to such bid by the State or a unit of local government shall contain a certification by the prime contractor that the prime contractor is not barred from contracting with any unit of State or local government as a result of a violation of either Section 33E-3 or 33E-4 of this Article. The State and units of local government shall provide the appropriate forms for such certification.

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(b) A contractor who makes a false statement, material to the certification, commits a Class 3 felony.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the government entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

2. The bidder certifies that it is not barred from contracting with the Department by reason of a violation of either Section 33E-3 or Section 33E-4.

E. International Anti-Boycott

1. Section 5 of the International Anti-Boycott Certification Act provides:

§ 5. State contracts. Every contract entered into by the State of Illinois for the manufacture, furnishing, or purchasing of supplies, material, or equipment or for the furnishing of work, labor, or services, in an amount exceeding the threshold for small purchases according to the purchasing laws of this State or \$10,000.00, whichever is less, shall contain certification, as a material condition of the contract, by which the contractor agrees that neither the contractor nor any substantially-owned affiliated company is participating or shall participate in an international boycott in violation of the provisions of the U.S. Export Administration Act of 1979 or the regulations of the U.S. Department of Commerce promulgated under that Act.

2. The bidder makes the certification set forth in Section 5 of the Act.

F. Drug Free Workplace

1. The Illinois "Drug Free Workplace Act" applies to this contract and it is necessary to comply with the provisions of the "Act" if the contractor is a corporation, partnership, or other entity (including a sole proprietorship) which has 25 or more employees.

2. The bidder certifies that if awarded a contract in excess of \$5,000 it will provide a drug free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance, including cannabis, is prohibited in the contractor's workplace; specifying the actions that will be taken against employees for violations of such prohibition; and notifying the employee that, as a condition of employment on such contract, the employee shall abide by the terms of the statement, and 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 the dangers of drug abuse in the workplace; the contractor's policy of maintaining a drug free workplace; any available drug counseling, rehabilitation, and employee assistance programs; and the penalties that may be imposed upon employees for drug violations.

(c) Providing a copy of the statement required by subparagraph (1) to each employee engaged in the performance of the contract and to post the statement in a prominent place in the workplace.

(d) Notifying the Department within ten (10) days after receiving notice from an employee or otherwise receiving actual notice of the conviction of an employee for a violation of any criminal drug statute occurring in the workplace.

(e) Imposing or requiring, within 30 days after receiving notice from an employee of a conviction or actual notice of such a conviction, an appropriate personnel action, up to and including termination, or the satisfactory participation in a drug abuse assistance or rehabilitation program approved by a federal, state or local health, law enforcement or other appropriate agency.

(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 actions and efforts stated in this certification.

RETURN WITH BID

G. Debt Delinquency

1. The Illinois Procurement Code provides:

Section 50-11 and 50-12. Debt Delinquency.

The contractor or bidder certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50- 11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with a State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The contractor further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the contractor, or any affiliate, is determined to be delinquent in the payment of any debt to the State during the term of the contract.

H. Sarbanes-Oxley Act of 2002

1. The Illinois Procurement Code, Section 50-60(c), provides:

The contractor certifies in accordance with 30 ILCS 500/50-10.5 that no officer, director, partner or other managerial agent of the contracting business has been convicted of a felony under the Sarbanes-Oxley Act of 2002 or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953 for a period of five years prior to the date of the bid or contract. The contractor acknowledges that the contracting agency shall declare the contract void if this certification is false.

I. Addenda

The contractor or bidder certifies that all relevant addenda have been incorporated in to this contract. Failure to do so may cause the bid to be declared unacceptable.

J. Section 42 of the Environmental Protection Act

The contractor certifies in accordance with 30 ILCS 500/50-12 that the bidder or contractor is not barred from being awarded a contract under this Section which prohibits the bidding on or entering into contracts with the State of Illinois or a State agency by a person or business found by a court or the Pollution Control Board to have committed a willful or knowing violation of Section 42 of the Environmental Protection Act for a period of five years from the date of the order. The contractor acknowledges that the contracting agency may declare the contract void if this certification is false.

K. Apprenticeship and Training Certification (Does not apply to federal aid projects)

In accordance with the provisions of Section 30-22 (6) of the Illinois Procurement Code, the bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approval either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this contract, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Department, at any time before or after award, may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. Applicable apprenticeship and training programs are those that have been approved and registered with the United States Department of Labor. The bidder shall list in the space below, the official name of the program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's forces. Types of work or craft work that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category that does not have an applicable apprenticeship or training program. **The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project as reported on the Construction Employee Workforce Projection (Form BC-1256) and returned with the bid is accounted for and listed.**

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. In order to fulfill this requirement, it shall not be necessary that an applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract.

L. Executive Order Number 1 (2007) Regarding Lobbying on Government Procurements

The bidder hereby warrants and certifies that they have complied and will comply with the requirements set forth in this Order. The requirements of this warrant and certification are a material part of the contract, and the contractor shall require this warrant and certification provision to be included in all approved subcontracts.

RETURN WITH BID

M. Disclosure of Business Operations in Iran

Section 50-36 of the Illinois Procurement Code, 30ILCS 500/50-36 provides that each bid, offer or proposal submittal for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or the proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

- (1) More than 10% of the Company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction Activities; less than 75% of the Company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and the Company has failed to take substantial action.
- (2) The Company has, on or after August 5, 1996, made an investment of \$20 million or more, or any combination of investments of at least \$10 million each that in the aggregate equals or exceeds \$20 million in any 12-month period, which directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

The terms "Business operations", "Company", "Mineral-extraction activities", "Oil-related activities", "Petroleum resources", and "Substantial action" are all defined in the Code.

Failure to make the disclosure required by the Code shall cause the bid, offer or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid, offer, or proposal or awarding the contract. The name of each Company disclosed as doing business or having done business in Iran will be provided to the State Comptroller.

Check the appropriate statement:

Company has no business operations in Iran to disclose.

Company has business operations in Iran as disclosed the attached document.

N. Political Contributions and Registration with the State Board of Elections

Section 20-160 and 50-37 of the Illinois Procurement Code regulate political contributions from business entities and any affiliated entities or affiliated persons bidding on or contracting with the state. Generally under Section 50-37, any business entity, and any affiliated entity or affiliated person of the business entity, whose current year contracts with all state agencies exceed an awarded value of \$50,000, are prohibited from making any contributions to any political committees established to promote the candidacy of the officeholder responsible for the awarding of the contracts or any other declared candidate for that office for the duration of the term of office of the incumbent officeholder or a period 2 years after the termination of the contract, whichever is longer. Any business entity and affiliated entities or affiliated persons whose state contracts in the current year do not exceed an awarded value of \$50,000, but whose aggregate pending bids and proposals on state contracts exceed \$50,000, either alone or in combination with contracts not exceeding \$50,000, are prohibited from making any political contributions to any political committee established to promote the candidacy of the officeholder responsible for the awarding the pending contract during the period beginning on the date the invitation for bids or request for proposals is issued and ending on the day after the date of award or selection if the entity was not awarded or selected. Section 20-160 requires certification of registration of affected business entities in accordance with procedures found in Section 9-35 of The Election Code

By submission of a bid, the contractor business entity acknowledges and agrees that it has read and understands Section 20-160 and 50-37 of the Illinois Procurement Code, and that it makes the following certification:

The undersigned business entity certifies that it has registered as a business with the State Board of Elections and acknowledges a continuing duty to update the registration in accordance with the above referenced statutes. A copy of the certificate of registration shall be submitted with the bid. The bidder is cautioned that the Department will not award a contract without submission of the certificate of registration.

These requirements and compliance with the above referenced statutory sections are a material part of the contract, and any breach thereof shall be cause to void the contract under Section 50-60 of the Illinois Procurement Code. This provision does not apply to Federal-aid contracts.

RETURN WITH BID

Legal Status Disclosure and Federal Taxpayer Identification Number

The undersigned bidder, under penalties of perjury, certifies that the name, Federal Taxpayer Identification Number, and legal status listed below are correct.

Name: _____

Taxpayer Identification Number:

Social Security Number (SSN) _____

or

Federal Employer Identification Number (FEIN) _____

*(If you are an **individual**, enter your name and SSN as it appears on your Social Security Card. If completing this certification for a **sole proprietorship**, enter the owner's name followed by the name of the business and the owner's SSN. For all other entities, enter the name of the entity as used to apply for the entity's FEIN and the FEIN.)*

Legal Status (Check one):

- | | |
|--|---|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Governmental Entity |
| <input type="checkbox"/> Owner of Sole Proprietorship | <input type="checkbox"/> Nonresident alien individual |
| <input type="checkbox"/> Partnership | <input type="checkbox"/> Estate or legal trust |
| <input type="checkbox"/> Tax-exempt hospital or extended care facility | <input type="checkbox"/> Foreign corporation, partnership, estate, or trust |
| <input type="checkbox"/> Corporation providing or billing medical and/or health care services | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Corporation NOT providing or billing medical and/or health care service | |

TO BE RETURNED WITH BID

IV. DISCLOSURES

A. The disclosures hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder. The Department may terminate the contract if it is later determined that the bidder rendered a false or erroneous disclosure, and the surety providing the performance bond shall be responsible for completion of the contract.

B. Financial Interests and Conflicts of Interest

1. Section 50-35 of the Illinois Procurement Code provides that all bids of more than \$10,000 shall be accompanied by disclosure of the financial interests of the bidder. This disclosed information for the successful bidder, will be maintained as public information subject to release by request pursuant to the Freedom of Information Act.

The financial interests to be disclosed shall include ownership or distributive income share that is in excess of 5%, or an amount greater than 60% of the annual salary of the Governor, of the bidding entity or its parent entity, whichever is less, unless the contractor or bidder is a publicly traded entity subject to Federal 10K reporting, in which case it may submit its 10K disclosure in place of the prescribed disclosure. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. The disclosure shall include the names, addresses, and dollar or proportionate share of ownership of each person making the disclosure, their instrument of ownership or beneficial relationship, and notice of any potential conflict of interest resulting from the current ownership or beneficial interest of each person making the disclosure having any of the relationships identified in Section 50-35 and on the disclosure form.

In addition, all disclosures shall indicate any other current or pending contracts, proposals, leases, or other ongoing procurement relationships the bidding entity has with any other unit of state government and shall clearly identify the unit and the contract, proposal, lease, or other relationship.

2. Disclosure Forms. Disclosure Form A is attached for use concerning the individuals meeting the above ownership or distributive share requirements. Subject individuals should be covered each by one form. In addition, a second form (Disclosure Form B) provides for the disclosure of current or pending procurement relationships with other (non-IDOT) state agencies. **The forms must be included with each bid or incorporated by reference.**

C. Disclosure Form Instructions

Form A: For bidders that have previously submitted the information requested in Form A

The Department has retained the Form A disclosures submitted by all bidders responding to these requirements for the April 24, 1998 or any subsequent letting conducted by the Department. The bidder has the option of submitting the information again or the bidder may check the following certification statement indicating that the information previously submitted by the bidder is, as of the date of submission, current and accurate. Before checking this certification, the bidder should carefully review its prior submissions to ensure the Certification is correct. If the Bidder checks the Certification, the Bidder should proceed to Form B instructions.

CERTIFICATION STATEMENT

I have determined that the Form A disclosure information previously submitted is current and accurate, and all forms are hereby incorporated by reference in this bid. Any necessary additional forms or amendments to previously submitted forms are attached to this bid.

(Bidding Company)



Signature of Authorized Representative

Date

Form A: For bidders who have NOT previously submitted the information requested in Form A

If the bidder is a publicly traded entity subject to Federal 10K reporting, the 10K Report may be submitted to meet the requirements of Form A. If a bidder is a privately held entity that is exempt from Federal 10K reporting, but has more than 400 shareholders, it may submit the information that Federal 10K companies are required to report, and list the names of any person or entity holding any ownership share that is in excess of 5%. If a bidder is not subject to Federal 10K reporting, the bidder must determine if any individuals are required by law to complete a financial disclosure form. To do this, the bidder should answer each of the following questions. A "YES" answer indicates Form A must be completed. If the answer to each of the following questions is "NO", then the NOT APPLICABLE STATEMENT on the second page of Form A must be signed and dated by a person that is authorized to execute contracts for the bidding company. Note: These questions are for assistance only and are not required to be completed.

1. Does anyone in your organization have a direct or beneficial ownership share of greater than 5% of the bidding entity or parent entity? YES ___ NO ___
2. Does anyone in your organization have a direct or beneficial ownership share of less than 5%, but which has a value greater than \$106,447.20? YES ___ NO ___
3. Does anyone in your organization receive more than \$106,447.20 of the bidding entity's or parent entity's distributive income? (Note: Distributive income is, for these purposes, any type of distribution of profits. An annual salary is not distributive income.) YES ___ NO ___
4. Does anyone in your organization receive greater than 5% of the bidding entity's or parent entity's total distributive income, but which is less than \$106,447.20? YES ___ NO ___

(Note: Only one set of forms needs to be completed per person per bid even if a specific individual would require a yes answer to more than one question.)

A "YES" answer to any of these questions requires the completion of Form A. The bidder must determine each individual in the bidding entity or the bidding entity's parent company that would cause the questions to be answered "Yes". Each form must be signed and dated by a person that is authorized to execute contracts for your organization. **Photocopied or stamped signatures are not acceptable.** The person signing can be, but does not have to be, the person for which the form is being completed. The bidder is responsible for the accuracy of any information provided.

If the answer to each of the above questions is "NO", then the NOT APPLICABLE STATEMENT on page 2 of Form A must be signed and dated by a person that is authorized to execute contracts for your company.

Form B: Identifying Other Contracts & Procurement Related Information Disclosure Form B must be completed for each bid submitted by the bidding entity. Note: Checking the NOT APPLICABLE STATEMENT on Form A *does not* allow the bidder to ignore Form B. Form B must be completed, checked, and dated or the bidder may be considered nonresponsive and the bid will not be accepted.

The Bidder shall identify, by checking Yes or No on Form B, whether it has any pending contracts (including leases), bids, proposals, or other ongoing procurement relationship with any other (non-IDOT) State of Illinois agency. If "No" is checked, the bidder only needs to complete the signature box on the bottom of Form B. If "Yes" is checked, the bidder must do one of the following:

Option I: If the bidder did not submit an Affidavit of Availability to obtain authorization to bid, the bidder must list all non-IDOT State of Illinois agency pending contracts, leases, bids, proposals, and other ongoing procurement relationships. These items may be listed on Form B or on an attached sheet(s). Do not include IDOT contracts. Contracts with cities, counties, villages, etc. are not considered State of Illinois agency contracts and are not to be included. Contracts with other State of Illinois agencies such as the Department of Natural Resources or the Capital Development Board must be included. Bidders who submit Affidavits of Availability are suggested to use Option II.

Option II: If the bidder is required and has submitted an Affidavit of Availability in order to obtain authorization to bid, the bidder may write or type "See Affidavit of Availability" which indicates that the Affidavit of Availability is incorporated by reference and includes all non-IDOT State of Illinois agency pending contracts, leases, bids, proposals, and other ongoing procurement relationships. For any contracts that are not covered by the Affidavit of Availability, the bidder must identify them on Form B or on an attached sheet(s). These might be such things as leases.

D. Bidders Submitting More Than One Bid

Bidders submitting multiple bids may submit one set of forms consisting of all required Form A disclosures and one Form B for use with all bids. Please indicate in the space provided below the bid item that contains the original disclosure forms and the bid items which incorporate the forms by reference.

- The bid submitted for letting item _____ contains the Form A disclosures or Certification Statement and the Form B disclosures. The following letting items incorporate the said forms by reference:

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**Form A
Financial Information &
Potential Conflicts of Interest
Disclosure**

Contractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Code (30 ILCS 500). Vendors desiring to enter into a contract with the State of Illinois must disclose the financial information and potential conflict of interest information as specified in this Disclosure Form. This information shall become part of the publicly available contract file. This Form A must be completed for bids in excess of \$10,000, and for all open-ended contracts. **A publicly traded company may submit a 10K disclosure (or equivalent if applicable) in satisfaction of the requirements set forth in Form A. See Disclosure Form Instructions.**

DISCLOSURE OF FINANCIAL INFORMATION

1. Disclosure of Financial Information. The individual named below has an interest in the BIDDER (or its parent) in terms of ownership or distributive income share in excess of 5%, or an interest which has a value of more than \$106,447.20 (60% of the Governor's salary as of 3/1/09). **(Make copies of this form as necessary and attach a separate Disclosure Form A for each individual meeting these requirements)**

FOR INDIVIDUAL (type or print information)

NAME: _____

ADDRESS _____

Type of ownership/distributable income share:

stock _____ sole proprietorship _____ Partnership _____ other: (explain on separate sheet):

% or \$ value of ownership/distributable income share: _____

2. Disclosure of Potential Conflicts of Interest. Check "Yes" or "No" to indicate which, if any, of the following potential conflict of interest relationships apply. If the answer to any question is "Yes", please attach additional pages and describe.

(a) State employment, currently or in the previous 3 years, including contractual employment of services.

Yes ___ No ___

If your answer is yes, please answer each of the following questions.

1. Are you currently an officer or employee of either the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___

2. Are you currently appointed to or employed by any agency of the State of Illinois? If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 3/1/09) provide the name the State agency for which you are employed and your annual salary. _____

RETURN WITH BID/OFFER

3. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 3/1/09) are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___
4. If you are currently appointed to or employed by any agency of the State of Illinois, and your annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 3/1/09) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(b) State employment of spouse, father, mother, son, or daughter, including contractual employment services in the previous 2 years.

Yes ___ No ___

If your answer is yes, please answer each of the following questions.

1. Is your spouse or any minor children currently an officer or employee of the Capitol Development Board or the Illinois Toll Highway Authority? Yes ___ No ___
2. Is your spouse or any minor children currently appointed to or employed by any agency of the State of Illinois? If your spouse or minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60 % of the Governor's salary as of 3/1/09) provide the name of your spouse and/or minor children, the name of the State agency for which he/she is employed and his/her annual salary. _____
-
3. If your spouse or any minor children is/are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the salary of the Governor as of 3/1/09) are you entitled to receive (i) more than 7 1/2% of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of the salary of the Governor? Yes ___ No ___
4. If your spouse or any minor children are currently appointed to or employed by any agency of the State of Illinois, and his/her annual salary exceeds \$106,447.20, (60% of the Governor's salary as of 3/1/09) are you and your spouse or minor children entitled to receive (i) more than 15 % in the aggregate of the total distributable income of your firm, partnership, association or corporation, or (ii) an amount in excess of 2 times the salary of the Governor? Yes ___ No ___

(c) Elective status; the holding of elective office of the State of Illinois, the government of the United States, any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois currently or in the previous 3 years. Yes ___ No ___

(d) Relationship to anyone holding elective office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(e) Appointive office; the holding of any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of the expenses incurred in the discharge of that office currently or in the previous 3 years. Yes ___ No ___

(f) Relationship to anyone holding appointive office currently or in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(g) Employment, currently or in the previous 3 years, as or by any registered lobbyist of the State government. Yes ___ No ___

RETURN WITH BID/OFFER

(h) Relationship to anyone who is or was a registered lobbyist in the previous 2 years; spouse, father, mother, son, or daughter. Yes ___ No ___

(i) Compensated employment, currently or in the previous 3 years, by any registered election or reelection committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

(j) Relationship to anyone; spouse, father, mother, son, or daughter; who was a compensated employee in the last 2 years by any registered election or re-election committee registered with the Secretary of State or any county clerk of the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections. Yes ___ No ___

APPLICABLE STATEMENT

This Disclosure Form A is submitted on behalf of the INDIVIDUAL named on previous page.

Completed by: _____
Signature of Individual or Authorized Representative Date

NOT APPLICABLE STATEMENT

I have determined that no individuals associated with this organization meet the criteria that would require the completion of this Form A.

This Disclosure Form A is submitted on behalf of the CONTRACTOR listed on the previous page.

Signature of Authorized Representative Date

RETURN WITH BID/OFFER

ILLINOIS DEPARTMENT
OF TRANSPORTATION

Form B
Other Contracts &
Procurement Related Information
Disclosure

Contractor Name		
Legal Address		
City, State, Zip		
Telephone Number	Email Address	Fax Number (if available)

Disclosure of the information contained in this Form is required by the Section 50-35 of the Illinois Procurement Act (30 ILCS 500). This information shall become part of the publicly available contract file. This Form B must be completed for bids in excess of \$10,000, and for all open-ended contracts.

DISCLOSURE OF OTHER CONTRACTS AND PROCUREMENT RELATED INFORMATION

1. Identifying Other Contracts & Procurement Related Information. The BIDDER shall identify whether it has any pending contracts (including leases), bids, proposals, or other ongoing procurement relationship with any other State of Illinois agency: Yes ___ No ___

If "No" is checked, the bidder only needs to complete the signature box on the bottom of this page.

2. If "Yes" is checked. Identify each such relationship by showing State of Illinois agency name and other descriptive information such as bid or project number (attach additional pages as necessary). SEE DISCLOSURE FORM INSTRUCTIONS:

THE FOLLOWING STATEMENT MUST BE SIGNED

<input type="checkbox"/>	_____	_____
	Signature of Authorized Representative	Date

RETURN WITH BID

SPECIAL NOTICE TO CONTRACTORS

The following requirements of the Illinois Department of Human Rights' Rules and Regulations are applicable to bidders on all construction contracts advertised by the Illinois Department of Transportation on behalf of the Illinois Department of Natural Resources:

CONSTRUCTION EMPLOYEE UTILIZATION PROJECTION

- (a) All bidders on construction contracts shall complete and submit, along with and as part of their bids, a Bidder's Employee Utilization Form (Form BC-1256) setting forth a projection and breakdown of the total workforce intended to be hired and/or allocated to such contract work by the bidder including a projection of minority and female employee utilization in all job classifications on the contract project.
- (b) The Department of Natural Resources shall review the Employee Utilization Form, and workforce projections contained therein, of the contract awardee to determine if such projections reflect an underutilization of minority persons and/or women in any job classification in accordance with the Equal Employment Opportunity Clause and Section 7.2 of the Illinois Department of Human Rights' Rules and Regulations for Public Contracts adopted as amended on September 17, 1980. If it is determined that the contract awardee's projections reflect an underutilization of minority persons and/or women in any job classification, it shall be advised in writing of the manner in which it is underutilizing and such awardee shall be considered to be in breach of the contract unless, prior to commencement of work on the contract project, it submits revised satisfactory projections or an acceptable written affirmative action plan to correct such underutilization including a specific timetable geared to the completion stages of the contract.
- (c) The Department of Natural Resources shall provide to the Department of Human Rights a copy of the contract awardee's Employee Utilization Form, a copy of any required written affirmative action plan, and any written correspondence related thereto. The Department of Human Rights may review and revise any action taken by the Department of Natural Resources with respect to these requirements.

PART II. WORKFORCE PROJECTION - continued

- B. Included in "Total Employees" under Table A is the total number of **new hires** that would be employed in the event the undersigned bidder is awarded this contract.

The undersigned bidder projects that: (number) _____ new hires would be recruited from the area in which the contract project is located; and/or (number) _____ new hires would be recruited from the area in which the bidder's principal office or base of operation is located.

- C. Included in "Total Employees" under Table A is a projection of numbers of persons to be employed directly by the undersigned bidder as well as a projection of numbers of persons to be employed by subcontractors.

The undersigned bidder estimates that (number) _____ persons will be directly employed by the prime contractor and that (number) _____ persons will be employed by subcontractors.

PART III. AFFIRMATIVE ACTION PLAN

- A. The undersigned bidder understands and agrees that in the event the foregoing minority and female employee utilization projection included under **PART II** is determined to be an underutilization of minority persons or women in any job category, and in the event that the undersigned bidder is awarded this contract, he/she will, prior to commencement of work, develop and submit a written Affirmative Action Plan including a specific timetable (geared to the completion stages of the contract) whereby deficiencies in minority and/or female employee utilization are corrected. Such Affirmative Action Plan will be subject to approval by the contracting agency and the **Department of Human Rights**.
- B. The undersigned bidder understands and agrees that the minority and female employee utilization projection submitted herein, and the goals and timetable included under an Affirmative Action Plan if required, are deemed to be part of the contract specifications.

Company _____ Telephone Number _____

Address _____

NOTICE REGARDING SIGNATURE

The Bidder's signature on the Proposal Signature Sheet will constitute the signing of this form. The following signature block needs to be completed only if revisions are required.

Signature: _____ Title: _____ Date: _____

- Instructions: All tables must include subcontractor personnel in addition to prime contractor personnel.
- Table A - Include both the number of employees that would be hired to perform the contract work and the total number currently employed (Table B) that will be allocated to contract work, and include all apprentices and on-the-job trainees. The "Total Employees" column should include all employees including all minorities, apprentices and on-the-job trainees to be employed on the contract work.
 - Table B - Include all employees currently employed that will be allocated to the contract work including any apprentices and on-the-job trainees currently employed.
 - Table C - Indicate the racial breakdown of the total apprentices and on-the-job trainees shown in Table A.

Lake Michigan/Chicago River
Leakage Control
Chicago, Illinois
Cook County FR-401

PROPOSAL SIGNATURE SHEET

The undersigned bidder hereby makes and submits this bid on the subject Proposal, thereby assuring the Department that all requirements of the Invitation for Bids and rules of the Department have been met, that there is no misunderstanding of the requirements of paragraph 3 of this Proposal, and that the contract will be executed in accordance with the rules of the Department if an award is made on this bid.

(IF AN INDIVIDUAL) Firm Name _____
Signature of Owner _____
Business Address _____

(IF A CO-PARTNERSHIP) Firm Name _____
By _____
Business Address _____
Name and Address of All Members of the Firm:

(IF A CORPORATION) Corporate Name _____
By _____ Signature of Authorized Representative
Typed or printed name and title of Authorized Representative _____
Attest _____ Signature
(IF A JOINT VENTURE, USE THIS SECTION FOR THE MANAGING PARTY AND THE SECOND PARTY SHOULD SIGN BELOW) Business Address _____

(IF A JOINT VENTURE) Corporate Name _____
By _____ Signature of Authorized Representative
Typed or printed name and title of Authorized Representative _____
Attest _____ Signature
Business Address _____

If more than two parties are in the joint venture, please attach an additional signature sheet.

RETURN WITH BID



ILLINOIS DEPARTMENT OF NATURAL RESOURCES Office of Water Resources

Lake Michigan/Chicago River Leakage Control Chicago, Illinois Cook County FR- 401

Item No. 1W Letting Date March 5, 2010

Proposal Bid Bond

KNOW ALL MEN BY THESE PRESENTS, That We

as PRINCIPAL, and

as SURETY, are

held jointly, severally and firmly bound unto the STATE OF ILLINOIS in the penal sum of 5 percent of the total bid price, or for the amount specified in

Article 5 on page 3 of the proposal, whichever is the lesser sum, well and truly to be paid unto said STATE OF ILLINOIS, for the payment of which we bind ourselves, our heirs, executors, administrators, successors and assigns.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH, That Whereas, the PRINCIPAL has submitted a bid proposal to the STATE OF ILLINOIS, Department of Natural Resources, Office of Water Resources (DNR), accepting proposals through the Department of Transportation, for the improvement designated by the Transportation Bulletin Item Number and Letting Date indicated above.

NOW, THEREFORE, if the DNR shall accept the bid proposal of the PRINCIPAL; and if the PRINCIPAL shall, within the time and as specified in the bidding and contract documents, submit a DBE Utilization Plan that is accepted and approved by the DNR; and if, after award by the DNR, the PRINCIPAL shall enter into a contract in accordance with the terms of the bidding and contract documents including evidence of the required insurance coverages and providing such bond as specified with good and sufficient surety for the faithful performance of such contract and for the prompt payment of labor and material furnished in the prosecution thereof; or if, in the event of the failure of the PRINCIPAL to make the required DBE submission or to enter into such contract and to give the specified bond, the PRINCIPAL pays to the DNR the difference not to exceed the penalty hereof between the amount specified in the bid proposal and such larger amount for which the DNR may contract with another party to perform the work covered by said bid proposal, then this obligation shall be null and void, otherwise, it shall remain in full force and effect.

IN THE EVENT the DNR determines the PRINCIPAL has failed to comply with any requirement as set forth in the preceding paragraph, then Surety shall pay the penal sum to the STATE OF ILLINOIS, Department of Natural Resources, Office of Water Resources, within fifteen (15) days of written demand therefor. If Surety does not make full payment within such period of time, the DNR may bring an action to collect the amount owed. Surety is liable to the DNR for all its expenses, including attorney's fees, incurred in any litigation in which it prevails either in whole or in part.

In TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this day of A.D.,

PRINCIPAL

SURETY

(Company Name)

(Company Name)

By: (Signature & Title)

By: (Signature of Attorney-in-Fact)

Notary Certification for Principal and Surety

STATE OF ILLINOIS, COUNTY OF

I, a Notary Public in and for said County, do hereby certify that and

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this day of, A.D.

My commission expires

Notary Public

In lieu of completing the above section of the Proposal Bid Form, the Principal may file an Electronic Bid Bond. By signing the proposal and marking the check box next to the Signature and Title line below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the State of Illinois under the conditions of the bid bond as shown above.

Electronic Bid Bond ID#

Company/Bidder Name



Signature and Title

PROPOSAL ENVELOPE



PROPOSALS

for construction work advertised for bids by the
Illinois Department of Transportation

Item No.	Item No.	Item No.

Submitted By:

Name:
Address:
Phone No.

Bidders should use an IDOT proposal envelope or affix this form to the front of a 10" x 13" envelope for the submittal of bids. If proposals are mailed, they should be enclosed in a second or outer envelope addressed to:

Engineer of Design and Environment - Room 323
Illinois Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

NOTICE

Individual bids, including Bid Bond and/or supplemental information if required, should be securely stapled.

CONTRACTOR OFFICE COPY OF CONTRACT SPECIFICATIONS

NOTICE

None of the following material needs to be returned with the bid package unless the special provisions require documentation and/or other information to be submitted.

Lake Michigan/Chicago River
Leakage Control
Chicago, Illinois
Cook County FR-401



ILLINOIS
DEPARTMENT OF
NATURAL RESOURCES
Office of Water Resources

DISADVANTAGED BUSINESS POLICY

I. NOTICE

This proposal contains the special provision entitled "Required Disadvantaged Business Participation." Inclusion of this Special Provision in this contract satisfies the obligations of the Illinois Department of Natural Resources (DNR) under the Illinois "Business Enterprise for Minorities, Females, and Persons with Disabilities Act."

II. POLICY

It is public policy that the businesses defined in the above act shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with State or Federal funds. Consequently, the requirements of the Business Enterprise for Minorities, Females, and Persons with Disabilities Act apply to this contract.

III. OBLIGATION

The Contractor agrees to ensure that the businesses defined in the Business Enterprise for Minorities, Females, and Persons with Disabilities Act have the maximum opportunity to participate in the performance of this contract. In this regard, the Contractor shall take all necessary and reasonable steps, in accordance with this Act, to ensure that the said businesses have the maximum opportunity to compete for and perform portions of this contract. The Contractor shall not discriminate on the basis of race, color, national origin, or sex in the selection and retention of subcontractors, including procurement of materials and leases of equipment.

IV. DBE/WBE CONTRACTOR FINANCE PROGRAM

On contracts where a loan has been obtained through the DBE/WBE Contractor Finance Program, the Contractor shall cooperate with the DNR by means of a two-payee check payable to the Lender (Bank) and the Borrower (DBE/WBE Contractor).

V. BREACH OF CONTRACT

Failure to carry out the requirements set forth above and in the Special Provision shall constitute a breach of contract and may result in termination of the contract or liquidated damages as provided in the special provision.



ILLINOIS
DEPARTMENT OF
NATURAL RESOURCES
Office of Water Resources

NOTICE TO BIDDERS

1. TIME AND PLACE OF OPENING BIDS. Sealed proposals for the improvement described herein will be received by the Department of Transportation for the Department of Natural Resources at the Harry R. Hanley Building, 2300 South Dirksen Parkway, in Springfield, Illinois until 10:00 o'clock a.m., March 5, 2010. All bids will be gathered, sorted, publicly opened and read in the auditorium at the Department of Transportation's Harry R. Hanley Building shortly after the 10:00 a.m. cut off time.

2. DESCRIPTION OF WORK. The proposed improvement is identified and advertised for bids in the Invitation for Bids as:

1W Cook County
FR-401
Lake Michigan/Chicago River Leakage Control, Chicago, Illinois

The project consists of repairing leaks from Lake Michigan into the Chicago River at the headland of the Chicago River. Due to site requirements, some of the work will need to be performed from a barge. Work will consist of furnishing and driving steel sheet piling, installing walers for the piling, filling behind some of the piling with lean concrete, boring and filling seepage control grout holes, underwater joint sealing (welding) for the existing steel sheet pile sea wall, pressure grouting, removal and replacement of existing riprap, removing and rebuilding some concrete cap on a seawall and all appurtenant work required to complete the project located along the North Pier separating the Chicago River from Lake Michigan in Cook County, Illinois immediately south of Navy Pier.

3. INSTRUCTIONS TO BIDDERS. (a) This Notice, the invitation for bids, proposal and letter of award shall, together with all other documents in accordance with Article 101.09 of the Standard Specifications for Road and Bridge Construction, become part of the contract. Bidders are cautioned to read and examine carefully all documents, to make all required inspections, and to inquire or seek explanation of the same prior to submission of a bid.

(b) State law, and, if the work is to be paid wholly or in part with Federal-aid funds, Federal law requires the bidder to make various certifications as a part of the proposal and contract. By execution and submission of the proposal, the bidder makes the certification contained therein. A false or fraudulent certification shall, in addition to all other remedies provided by law, be a breach of contract and may result in termination of the contract.

4. AWARD CRITERIA AND REJECTION OF BIDS. This contract will be awarded to the lowest responsive and responsible bidder considering conformity with the terms and conditions established by the Illinois Department of Transportation and the Illinois Department of Natural Resources in the rules, Invitation for Bids and contract documents. The issuance of plans and proposal forms for bidding based upon a prequalification rating shall not be the sole determinant of responsibility. The Illinois Department of Natural Resources reserves the right to determine responsibility at the time of award, to reject any or all proposals, to readvertise the proposed improvement, and to waive technicalities.

By Order of the

Illinois Department of Natural Resources

Marc Miller, Director

STATE OF ILLINOIS
STANDARD SPECIFICATIONS

The "Standard Specifications for Road and Bridge Construction," prepared by the Department of Transportation of the State of Illinois and adopted by said Department, January 1, 2007; as amended and supplemented by the "Supplemental Specifications and Recurring Special Provisions," adopted January 1, 2010 (hereinafter referred to collectively as "Standard Specifications"), are incorporated by reference and made a part of this Contract for the Lake Michigan/Chicago River Leakage Control, Chicago, Illinois, Cook County, FR-401. (The Standard Specifications can be purchased from the Illinois Department of Transportation.)

SPECIAL PROVISIONS

The following Special Provisions supplement the Standard Specifications, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of the "Lake Michigan/Chicago River Leakage Control" project, and in the case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

DEFINITION OF TERMS

In the application of the Standard Specifications to this Contract, references to the Department of Transportation shall be interpreted to mean the Department of Natural Resources; except that references to the Department of Transportation within Section 102 - Advertisement, Bidding, Award, and Contract Execution, and references to Department publications - shall continue to mean the Department of Transportation. References to the Division of Highways shall be interpreted to mean the Department of Natural Resources; Office of Water Resources; Division of Project Implementation.

Wherever the word "Engineer" is used, it shall mean the Director of the Office of Water Resources of the Department of Natural Resources of the State of Illinois; or his authorized representative limited by the particular duties entrusted to him, nominally the Manager of the Division of Project Implementation or his delegated representative.

Wherever the words "Right of Way" are used, it shall mean a general term denoting land, property, or interest therein, usually a strip, acquired for or devoted to water resource projects.

Wherever the words "Central Bureau of Construction" or "District Office" are used, it shall mean the Department of Natural Resources, Office of Water Resources, Division of Project Implementation.

The advertising for Bids, Prequalification of Bidders, Issuance of Proposals, Proposal Guarantee, and Acceptance and Opening of Bids shall be in accordance with the policies and procedures of the Illinois Department of Transportation. Proposals, Schedule of Prices, Signature Sheet and other bidding or contract requirements as utilized by the Department of Natural Resources; Office of Water Resources; Division of Project Implementation shall apply to this contract.

Lake Michigan/Chicago River Leakage Control

INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2010

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction (Adopted 1-1-07) (Revised 1-1-10)

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STATE OF ILLINOIS

SPECIAL PROVISIONS

LOCATION OF PROJECT

The project is located along the North Pier separating the Chicago River from Lake Michigan in Cook County, Illinois. This site is immediately south of Navy Pier. Work will be performed along the south seawall of the North Pier and at/near the west end of the north seawall of the North Pier.

DESCRIPTION OF PROJECT

The project consists of furnishing and driving steel sheet piling, installation of waler for the piling, placement of lean concrete fill behind some of the new piling, the boring and filling of seepage control grout holes, underwater joint sealing for the existing steel sheet pile sea wall, pressure grouting at the specified locations, removal and replacement of existing riprap, removing and rebuilding some concrete cap on the seawall, and all incidental and collateral work necessary to complete the project as shown on the plans and as described herein.

PLANS AND DRAWINGS

The work to be done is shown on the drawings entitled "Lake Michigan/Chicago River Leakage Control, Chicago, Illinois, Cook County, FR-401".

REQUIRED DISADVANTAGED BUSINESS PARTICIPATION

I. DEFINITIONS

This Special Provision is inserted in each contract which contains a Disadvantaged Business Enterprise (DBE) Utilization Goal as required by Section 106(c) of the Surface Transportation and Uniform Relocation Assistance Act of 1987, implemented by Subpart D of 49 CFR Part 23; and as required by the Illinois "Business Enterprise for Minorities, Females, and Persons with Disabilities Act." For the purpose of this Special Provision, the following definitions apply:

- A. "Disadvantaged Business is a small business concern which is at least 51 per centum owned by one or more socially and economically disadvantaged individuals, and whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged owners.
- B. "Disadvantaged Business Joint Venture" means an association of two or more businesses formed to carry out a single business enterprise for which they

combine their property, capital, efforts, skills and knowledge. At least one of the partners in the venture must be a certified entity.

II. BIDDING CONSENT AND CONTRACT ASSURANCE

By submission of a bid, the bidder agrees to follow and consents to the terms of this Special Provision. In addition, the bidder assures that in consideration of the award of this contract that no less than 5 per centum of the awarded contract value of this contract shall be performed by one or more Disadvantaged Businesses. The bidder further agrees that it shall not discriminate on the basis of race, color, national origin or sex in the selection of subcontractors to meet this goal.

III. BIDDING PROCEDURE

A. Compliance with this Special Provision shall be by use of businesses certified by the Illinois Department of Transportation as Disadvantaged Businesses. The Disadvantaged Businesses may perform work as subcontractors or as joint ventures with the contractor. Joint Ventures will be approved for use under this provision if at least one of the disadvantaged partners in the joint venture is a certified Disadvantaged Business; is responsible for a clearly-defined portion of the work that is at least equal to the percentage goal of this special provision; and shares in the ownership, control, management, risks, and profits of the joint venture. In order for joint venture approval to be timely provided, the proposed joint venture must submit a joint venture agreement no later than seven (7) working days after the letting date. This requirement is in addition to any other requirements for joint venture approval or DBE credit. Joint venture subcontracts between DBE and non-DBE firms shall not be employed to effect compliance.

The Department of Transportation maintains a list of certified disadvantaged and woman-owned contractors, vendors and suppliers for the purpose of providing a reference source to assist any bidder in meeting the requirements of this Special Provision. Generally, the bidder may rely upon the Disadvantaged Businesses Enterprises Directory and current Addendum to determine certified firms. However, changes can occur in a firm's certification eligibility between issuance of the DBE Directory or Addendum thereto and the letting date. Only those firms certified as of the letting date may be listed on or included in the DBE Utilization Plan submitted pursuant to Section III. B. of this Special Provision. The Illinois Department of Natural Resources (DNR) reserves the right to compel the replacement of a business which is not certified as of the letting date. If that should occur, and the low bidder submits as part of his/her DBE Utilization Plan a firm that is no longer certified, the low bidder will be given the opportunity to replace that firm and submit a revised Plan.

B. Compliance with the bidding procedure of the Special Provision is required prior to the award of the contract and the failure of the as-read low bidder to comply with render the bid nonresponsive. In order to assure the timely award of the contact, the as-read low bidder must submit a Disadvantaged Business Utilization Plan on the Illinois Department of Transportation form SBE 2026 with seven (7) working days after the date of the letting. To meet the seven (7) day

requirement, the contractor may send the Plan by certified mail within the seven (7) working day period. If a question arises concerning the mailing date of a Plan, the mailing date will be established by the U.S. Postal Service postmark on the original certified mail receipt from the U.S. Postal Service. It is the responsibility of the as-read low bidder to ensure that the postmark is affixed within the seven (7) working days if the Contractor intends to rely upon mailing to satisfy the submission day requirement. The Plan is to be submitted to the following address:

Illinois Department of Natural Resources, Office of Water Resources
One Natural Resources Way
Springfield, Illinois 62702-1271

The DNR will not accept a Utilization Plan if it does not meet the seven (7) day submittal requirement and the DNR reserves the right to invite any other bidder to submit a Utilization Plan for award consideration.

- C. The Utilization Plan shall indicate that the bidder will meet the contract goal or will seek a waiver or modification of the goal by demonstrating a good faith effort to meet the goal.
- D. The Utilization Plan must tender to the DNR a DBE Participation Statement for each Disadvantaged Business proposed for use in achieving the goal on the Illinois Department of Transportation form SBE 2025. The signatures on these forms must be original signatures. All elements of information indicated on said form shall be provided, including but not limited to the following:
 - 1. Identification of the Disadvantaged Businesses to be used:
 - 2. The work to be done by each Disadvantaged Business identified by item number:
 - 3. The price to be paid to each Disadvantaged Business for the identified work specifically stating:
 - a) the contract pay item(s),
 - b) the quantity, unit price and total for the work to be completed by the certified entity, and
 - c) where partial pay items are to be performed by the certified entity, indicate the portion of each item and the subcontract dollar amount;
 - 4. A statement signed by the bidder and each of the Disadvantaged Businesses evidencing availability and use on the project; and

5. If the bidder is a joint venture comprised of disadvantaged firms and nondisadvantaged firms, the plan must also include a clear identification of the portion of the work to be performed by the disadvantaged partner(s).
- E. The Utilization Plan will be approved by the DNR if the Plan meets the goal of the contract established in Paragraph II. A. The contract shall not be awarded until the Utilization Plan submitted by the bidder is approved. If the Utilization Plan is not approved or is deficient in a technical matter, the bidder will be notified and will be allowed no less than five (5) working day period in order to cure the deficiency. The bidder may count toward its goal only expenditures, indicated on the Participation Statements, to certified businesses that will perform a commercially useful function in the work of the contract. A business shall be considered to perform a commercially useful function only when it is responsible for execution of a distinct element of the work and carrying out its responsibilities by actually performing, managing and supervising the work involved.

In accordance with 49 CFR Part 23.47, goal credit for participation may be counted in one or more of the following ways:

1. DBE prime contractor or joint venture (100 percent goal credit for the DBE's portion of the work).
 2. DBE subcontractor (100 percent goal credit).
 3. Equipment rental from a DBE firm (100 percent goal credit).
 4. Purchase of material from a DBE supplier, fabricator or manufacturer:
 - a) 60 percent goal credit for materials and supplies purchased from a DBE regular dealer.
 - b) 100 percent goal credit for material purchased from a DBE manufacturer.
 - c) 100 percent goal credit for material purchased from a DBE fabricator or a DBE supplier who substantially alters or changes a material before resale to a contractor.
 5. Other expenditures made to DBE firms subject to DNR approval.
- F. If the bidder is unable to meet the contract goals, and has requested a modification or waiver of the Disadvantaged Business goal, as indicated on Illinois Department of Transportation form SBE 2026, the waiver request must include the following elements:
1. All information indicating why the contract goal should be modified or waived,

2. Evidence of Disadvantaged Businesses contacted. The following information must be submitted in order to document initial and follow-up contact:
 - a) An Initial Bid Solicitation List, indicating the names of the firms contacted, date of contact, method of contact, i.e., letter (specify if regular, express or registered mail), telephone or face-to-face contact, whether or not a response was received, and summary of the response. The solicitations shall contain at least the project identification, project location, types of work for which quotations are sought and the date, time and place quotations are due.
 - b) A Certificate of Contact, certifying that the information provided on the Initial Bid Solicitation List is true and accurate.
 - c) Copies of all contact letters, if the bidder contacts DBE firms by letter. The letter must clearly encourage participation and specifically define the types of work for which bids are being sought.
 - d) A Follow-up Telephone Log, which indicates follow-up telephone contact after all types of initial contact. A telephone log must be submitted indicating the individual contacted, date of contact and response.
 3. All evidence of good faith efforts made by the bidder, both prior to and after the letting, to secure the ready, willing, able and certified Disadvantaged Businesses necessary to meet the contract goals. See paragraph IV for information on what is meant by good faith efforts.
- G. A waiver or modification request indicated on form SBE 2026 will be decided by the DNR as follows. If the DNR determines that the Contractor has utilized good faith efforts to secure the ready, willing and able certified Disadvantaged Enterprises necessary to comply with the Special Provision, and that certified enterprises are not reasonably available to perform on the project or that some other reason exists for waiver or modification of the goal, the DNR shall modify or waive the goal of the Special Provision. The DNR will advise the Contractor by certified mail. If the DNR denies the request or modifies the goal in a manner other than that requested, the DNR will notify the bidder of the determination by certified mail. The determination shall include a statement of additional efforts that the bidder may take in order to effect compliance. The bidder is not limited by the statement of additional efforts, but may take such other action beyond the stated additional efforts in order to cure. Thereafter, the bidder will be allowed no less that a five (5) working day period in order for the bidder to cure the deficiency and effect compliance. Failure to issue a denial determination within eighteen (18) working days after receipt of the written waiver request shall be deemed an approval of the request.
- H. In the event the bid is rendered nonresponsive due to failure to submit a Disadvantaged Business Utilization Plan or failure to comply with the bidding

procedures set forth herein, the DNR may take one or more of the following actions: 1) cause a forfeiture of the penal sum of the bidder's proposal guaranty to the DNR, 2) declare the bidder ineligible to rebid the project on any further letting if readvertised, or 3) suspend the bidder for one letting.

IV. GOOD FAITH EFFORTS

A. In order to demonstrate sufficient good faith efforts to achieve the designated goal percentages for Disadvantaged Businesses, the steps taken to obtain participation must be documented. The required elements are:

1. That a reasonable number of relevant Disadvantaged Businesses were contacted,
2. That the work selected for allocation to Disadvantaged Businesses was chosen in order to increase the likelihood of achieving the stated goals,
3. That potential Disadvantaged Businesses were negotiated with in good faith, that conditions were not imposed on a Disadvantaged Business which are not imposed on all other subcontractors or that benefits ordinarily conferred on subcontractors for the type of work were not denied the Disadvantaged Business, and
4. That services of the Department of Transportation and its supportive services contractors were used in the efforts to reach the contract goals.

B. In addition to the required elements which must be shown to demonstrate good faith, any other relevant information which supports the waiver request may be submitted, including but not limited to the following:

1. That any DNR pre-bid meetings scheduled to inform Disadvantaged Businesses of subcontracting opportunities, were attended, and
2. That the historical track record of the contractor discloses a meaningful effort on the part of the contractor to achieve the goal of the program in DNR contracts.

V. CONTRACT OBLIGATION

A. Compliance with this Special Provision is an essential part of this contract. After approval of the Utilization Plan and award of the contract, the Utilization Plan and Participation Statements shall become part of the contract. No changes to the Utilization Plan may be made without the prior written approval from the DNR. All items or partial items of work indicated or reserved for performance by the approved certified businesses shall be performed, managed and supervised by the business executing the Participation Statement. All requests for changes to the Utilization Plan shall be submitted in writing to:

Illinois Department of Natural Resources, Office of Water Resources One Natural Resources Way Springfield, Illinois 62702-1271 Attention: Manager, Division of Project Implementation
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- B. In determining compliance with this Provision, the total dollars paid to eligible Disadvantaged Businesses shall be divided by the total awarded contract dollars to determine the percentage of performance. The Contractor shall maintain records of payment under this Provision and said records shall be made available to the DNR upon request for inspection. After the performance of the final item of work or delivery of material by the approved DBE firm and within thirty (30) calendar days after payment has been made by the DNR to the Contractor for such work or material (less any retainage), the Contractor shall submit a DBE Payment Agreement upon the Illinois Department of Transportation form SBE 2115 to the DNR (see address in paragraph V. A. above), or if a disagreement exists, indicate to the DNR on this form why payment has not been made.
- C. The Contractor may after award of the contract seek modification or waiver of the goal for good cause upon a showing of a good faith effort to achieve the goal of the Special Provision. Examples of such good cause include but are not limited to nonperformance, breach of contract by an approved Disadvantaged Business and failure of the approved Disadvantaged Business to perform, manage and supervise its identified work. It is the responsibility of the contractor to prove the good cause and a good faith effort to achieve the goal in the light of the cause. All requests for waiver or modification of the goal will be considered as a change to the approved Utilization Plan and the contractor shall therefore submit a written request for the waiver or modification to the address listed in paragraph V. A. above. If the DNR determines that the contractor has proven the good cause and a good faith effort to achieve the goal in light of the cause, the DNR shall modify or waive the goal as requested. If the DNR denies the request or modifies the goal in a manner other than that requested, the DNR will notify the contractor of the determination by certified mail within twenty (20) working days after receipt of the request. Failure to issue a denial determination within twenty (20) working days after receipt of the written waiver request shall be deemed an approval of the request. Unless the goal of the Special Provision is modified or waived for good cause upon a showing of a good faith effort, failure of the Contractor to have at least the designated goal of this contract performed by the Disadvantaged Businesses as indicated in the approved Utilization Plan will result in a reduction in contract payments, as liquidated and ascertained damages, determined by multiplying the awarded contract dollar value by the contract per centum goal and subtracting the dollar value of the work actually performed by approved DBE businesses. The DNR reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the contractor submits sufficient documentation pursuant to this Section demonstrating achievement of the goal or until such time as the goal is modified or waived by the DNR in accordance with this Special Provision or after liquidated damages have been determined and collected.
- D. This Special Provision is in addition to all other Equal Employment Opportunity requirements of this contract.

(1) Policy

It is public policy that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal or State funds. Consequently the requirements of 49 CFR Part 26 apply to this contract.

(2) Obligation

The contractor agrees to ensure that disadvantageded businesses as defined in 49 CFR Part 26 and the Special Provision have the maximum opportunity to participate in the performance of contracts or subcontracts financed in whole or in part with Federal or State funds. The contractor shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 and the Special Provision to ensure that said businesses have the maximum opportunity to compete for and perform under this contract. The contractor shall not discriminate on the basis of race, color, national origin or sex in the award and performance of contracts.

(3) Project and Bid Identification

Complete the following information concerning the project and bid:

Route _____

Section _____

Project _____

County _____

Letting Date _____

Contract No. _____

Letting Item No. _____

Total Bid _____

Contract DBE Goal _____

(Percent) (Dollar Amount)

(4) Assurance

I, acting in my capacity as an officer of the undersigned bidder (or bidders if a joint venture), hereby assure the Department that on this project my company : (check one)

- Meets or exceeds contract award goals and has provided documented participation as follows:
Disadvantaged Business Participation _____ percent

Attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

- Failed to meet contract award goals and has included good faith effort documentation to meet the goals and that my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request including good faith effort. Also attached are the signed participation statements, forms SBE 2025, required by the Special Provision evidencing availability and use of each business participating in this plan and assuring that each business will perform a commercially useful function in the work of the contract.

Company

By _____

Title _____

Date _____

The "as read" Low Bidder is required to comply with the Special Provision.

Submit only one utilization plan for each project. The utilization plan shall be submitted in accordance with the special provision.

Bureau of Small Business Enterprises 2300 South Dirksen Parkway Springfield, Illinois 62764	Local Let Projects Submit forms to the Local Agency
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The Department of Transportation is requesting disclosure of information that is necessary to accomplish the purpose as outlined under State and Federal law. Disclosure of this information is **REQUIRED**. Failure to provide any information will result in the contract not being awarded. This form has been approved by the State Forms Manager Center.

TIME LIMIT

Time Limit for work. The Contractor's attention is called to the fact that the appropriation for the current fiscal year, from which the cost of this contract will be paid, will lapse at the end of the fiscal year, which is June 30. Continuation of this contract into the next fiscal year will be contingent upon the Illinois General Assembly reappropriating funds for this contract. If funds are not reappropriated, this contract will be terminated on or before the appropriation lapse date.

CONTRACT CLAIM

The following provisions shall be substituted in Article 109.09 of the Standard Specifications.

- (1) The title District Engineer shall mean Manager, Division of Project Implementation.
- (2) The section titled Procedure shall be as follows:

Procedure

All claims must be submitted to the Manager, Division of Project Implementation. The Contractor may request an opportunity to present the claim verbally at each of the following levels if the claim has not been satisfactorily resolved at the previous level.

- (a) Manager, Division of Project Implementation
- (b) Director of Water Resources

All requests for presentation must be made through the Manager, Division of Project Implementation. Requests by the Contractor to present a claim at the second level will be accompanied by two additional copies of the claim with addenda.

Full compliance by the Contractor with the provisions of this Special Provision is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Director's written response shall be deemed a final action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written response, the failure to so file shall constitute a release and waiver of the claim.

VALUE ENGINEERING PROPOSALS

Replace Section (a) of Article 104.07 of the Standard Specifications with the following:

(a) Proposal Submittals. Value Engineering Proposals shall be submitted in two phases as follows:

- (1) Concept Phase. Prior to the submittal of any Value Engineering Proposal, the Contractor shall submit a brief summary outlining the concept of the proposal to the Division of Project Implementation. Within five working days after receipt of the proposal concept, the Department will notify the Contractor as to whether or not the proposal concept qualifies for consideration as Value Engineering. If it

appears, based on the concept, that the actual proposal will require a review period exceeding the normal review period, as outlined below, the Contractor will be so advised. Approval of the concept does not constitute or imply approval of the subsequent submittal of the complete Value Engineering Proposal.

- (2) After the concept has been approved, the Contractor, if electing to proceed with submittal of the complete Value Engineering Proposal, shall submit the proposal to the Division of Project Implementation for review. Provided the proposal is complete and contains all the required information for review, the Manager of the Division of Project Implementation will notify the Contractor, within 10 working days after receipt of the proposal, as to the acceptability of the proposal, unless additional review time has been established as noted in the concept review process.

WORKING DAYS

The Contractor shall complete the work by October 31, 2010.

CONSTRUCTION PROCEDURE

The Contractor's attention is directed to the fact that the U.S. Army Corps of Engineers, the Illinois Environmental Protection Agency and the IDNR/Office of Water Resources (OWR) have issued permits for this project. The Contractor is also required to obtain and submit to the OWR any other necessary permits for construction, including a Harbor Permit from the Chicago Department of Transportation (CDOT). The OWR has completed all necessary transmittals to the CDOT, Office of Underground Coordination (OUC) in regards to the Harbor Permit, and all necessary reviews have been made. To obtain the permit, the Contractor will need to send a letter requesting the Harbor Permit for the Lake Michigan/Chicago River Leakage Control Project, FR-401, OUC # 43191 to Mr. John Yonan, Deputy Commissioner, Division of Engineering, City of Chicago Department of Transportation, 30 North LaSalle Street, 3rd Floor, Chicago, IL 60602, Attention Mr. Oswaldo, Chaves. There should be no fee charged for this permit.

These permits and review form/minutes contain certain requirements which may affect the construction of this project. It will be the Contractor's responsibility to familiarize himself with the requirements of the above-mentioned permits and review form/minutes, and conduct his work in accordance with those requirements and the special provision contained herein. See the following pages for copies of these permits and form/minutes.

Should the Contractor desire to use materials, construction methods, or procedures which differ substantially from that authorized by the granted permits, it is the responsibility of the Contractor to obtain approved amendments to the permits.

All costs incurred by the Contractor in complying with the applicable requirements of the above-mentioned permits/documents shall be considered as completely covered by the contract unit prices bid for the various items of work in the proposal.



DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206

APR 27 2009
APR 27 2009

REPLY TO
ATTENTION OF:

Technical Services Division
Regulatory Branch
LRC-2006-01130

SUBJECT: Proposed Installation of Steel Sheet Pile at two Locations Along North Pier at the Chicago Harbor Lock in the City of Chicago, Cook County, Illinois

Illinois Department of Natural Resources
Office of Water Resources
Attention: William Schuck
One Natural Resources Way
Springfield, Illinois 62702-1271

Dear Mr. Schuck:

The U.S. Army Corps of Engineers has authorized the above-referenced project under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899), as described in your notification and as shown on plans entitled Illinois Department of Natural Resources – Lake Michigan/Chicago River Leakage Control included in the August 9, 2006 submittal Enclosed is your copy of the executed permit which becomes effective on the date of this letter.

This determination covers only your project as described above. If the design, location, or purpose of the project is changed, you should contact this office to determine the need for further authorization. If it is anticipated that the activity as described cannot be completed within the time limits of the authorization, you must submit a request for a time extension to this office at least thirty (30) calendar days prior to the expiration date of your permit. Failure to do so will result in the District's re-evaluation of your project, which may include the issuance of a public notice.

Once you have completed your project, please sign and return the enclosed compliance certification. If you have any questions, please contact Diedra Willis of my staff by telephone at 312-846-5539, or email at Diedra.L.Willis@usace.army.mil.

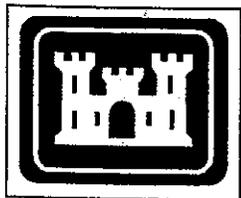
Sincerely,

Mitchell A. Isoe
Chief, Regulatory Branch

Enclosure

Copy Furnished (with authorization):

United States Fish & Wildlife Service (Rogner)
Illinois Department of Natural Resources (Schanzle)
Illinois Department of Natural Resources/OWR (Jereb)
Illinois Environmental Protection Agency (Heacock)



DEPARTMENT OF THE ARMY

PERMIT

Permittee: Illinois Department of Natural Resources
Office of Water Resources

Application No.: LRC-2006-1130

Issuing Office: CHICAGO DISTRICT, U.S. ARMY CORPS OF ENGINEERS

DEFINITIONS: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform the work in accordance with the terms and conditions specified below.

Project Description: Installing steel sheet pile at two locations along the North Pier at the Chicago Harbor Lock. Minor repairs will also be made to the existing sheet pile walls and concrete walls within the entrance channel. Construction consists of sheet pile driven into existing earth, no fill or other material will be placed into water at this location, with the possible exception of the replacement of the existing concrete cap at the completion of pile driving operations, and the temporary removal and replacement of riprap along the existing retaining walls. The second location will require the driving of approximately 15 feet of sheet pile and backfilling the sheet pile with lean concrete (70 cu yds.), as described in your notification and as shown on plans entitled Illinois Department of Natural Resources - Lake Michigan/Chicago River Leakage Control included in the August 9, 2006 submittal.

Project Location: Navy Pier Headlands at Chicago Harbor Lock within Lake Michigan and the Chicago River in the City of Chicago, Cook County, Illinois (Northeast Quarter of Section 10, Township 39 North, Range 14 East).

Permit Conditions:

General Conditions

1. The time limit for completing the authorized work ends on December 31, 2013. If you find that you need more time to complete the authorized activity(s), submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. You shall comply with the water quality certification issued under Section 401 of the Clean Water Act by the Illinois Environmental Protection Agency for the project. Conditions of the certification are conditions of this authorization.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being accomplished in accordance with the terms and conditions of your permit.

Special Conditions

1. This permit is based on all material submitted as part of application number LRC-2006-1130. You must comply with all applicable regulations. Failure to comply with the terms and

conditions of this permit may result in suspension and revocation of your permit.

2. You shall undertake and complete the project as described in the plans entitled Illinois Department of Natural Resources - Lake Michigan/Chicago River Leakage Control included in the August 9, 2006 submittal and, including all relevant documentation to the project plans as proposed.

3. You shall provide written notification to this office at least ten (10) days prior to the commencement of work indicating the start date and estimated end date of construction. Notification must also include:

a. a copy of the water quality certification issued by IEPA;

You may not commence work authorized herein until all of the above items have been received by this office.

4. You shall adhere to all soil erosion and sediment control measures in a serviceable condition throughout the duration of the project.

5. You shall ensure that any wetland areas created or preserved as mitigation for work authorized by this permit shall not be made subject to any future construction and/or fill activities, except for the purposes of enhancing or restoring the mitigation area associated with this permit. All plans are to be approved by this office prior to commencement of any work.

6. You are responsible for all work authorized herein and for ensuring that all contractors are aware of the terms and conditions of this authorization. A copy of this authorization must be present at the project site during all phases of construction.

7. You shall notify this office of any proposed modifications to the project, including revisions to any of the plans or documents cited in this authorization. You must receive approval from this office before work affected by the proposed modification is performed.

8. You shall notify this office prior to the transfer of this authorization and liabilities associated with compliance with its terms and conditions. The transferee must sign the authorization in the space provided and forward a copy of the authorization to this office.

9. The permittee understands and agrees that, if future operations by the United States require removal, relocation, or other alteration of the structure or work authorized herein, or

if, in the opinion of the Secretary of the Army or his authorized representative said structure or work shall cause unreasonable obstruction to the free navigation of the navigable water, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

Further Information:

1. Congressional Authorities. You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this Authorization.

a. This permit does not obviate the need to obtain other federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. The Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on the behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modifications, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in the reliance on the information you provided.

5. Reevaluation of Permit Decision. The office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 established a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Lake Michigan/Chicago River Leakage Control

Your signature below, as a permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

William J. Schuck

2/23/09

PERMITTEE

DATE

Illinois Department of Natural Resources
Office of Water Resources
Attention: William Schuck
One Natural Resources Way
Springfield, Illinois 62702-1271

This authorization becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

LRC-2006-1130

Corps Authorization Number

James G. Beal

27 Apr 09

FOR AND ON BEHALF OF

DATE

Vincent V. Quarles
Colonel, U.S. Army
District Commander

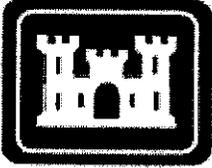
When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

TRANSFEEEE

DATE

ADDRESS

TELEPHONE



**PERMIT COMPLIANCE
CERTIFICATION**

Permit Number: LRC-2006-01130

Permittee: Illinois Department of Natural Resources - Office of Water Resources

Date of Issuance: **APR 27 2009**

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of said permit and if applicable, compensatory wetland mitigation was completed in accordance with the approved mitigation plan.¹

PERMITTEE

DATE

Upon completion of the activity authorized by this permit and any mitigation required by the permit, this certification must be signed and returned to the following address:

U.S. Army Corps of Engineers
Chicago District, Regulatory Branch
111 North Canal Street, 6th Floor
Chicago, Illinois 60606-7206

Please note that your permitted activity is subject to compliance inspections by Corps of Engineers representatives. If you fail to comply with this permit, you may be subject to permit suspension, modification, or revocation.

¹ If compensatory mitigation was required as part of your authorization, you are certifying that the mitigation area has been graded and planted in accordance with the approved plan. You are acknowledging that the maintenance and monitoring period will begin after a site inspection by a Corps of Engineers representative or after thirty days of the Corps' receipt of this certification. You agree to comply with all permit terms and conditions, including additional reporting requirements, for the duration of the maintenance and monitoring period.



Lake Michigan/Chicago River Leakage Control
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

DOUGLAS P. SCOTT, DIRECTOR

217/782-3362

JAN 30 2009

Chicago District
Corps of Engineers
111 North Canal Street, 6th Floor
Chicago, IL 60606

RECEIVED
OFFICE OF WATER RESOURCES
SPRINGFIELD, ILLINOIS

FEB 04 2009

JM/Tmm

AS _____ DR _____
PCND _____ PI _____
PLNG _____ PR _____

Re: Illinois Department of Natural Resources (Cook County)
North Pier Leakage Control at the Chicago Harbor Lock – Chicago River
Log # C-0692-06 [CoE appl. # 2006-1130]

Gentlemen:

This Agency received a request on August 14, 2006 from the Illinois Department of Natural Resources requesting necessary comments concerning the leakage control project at the North Pier of the Chicago Harbor Lock. We offer the following comments.

Based on the information included in this submittal, it is our engineering judgment that the proposed project may be completed without causing water pollution as defined in the Illinois Environmental Protection Act, provided the project is carefully planned and supervised.

These comments are directed at the effect on water quality of the construction procedures involved in the above described project and are not an approval of any discharge resulting from the completed facility, nor an approval of the design of the facility. These comments do not supplant any permit responsibilities of the applicant toward the Agency.

This Agency hereby issues certification under Section 401 of the Clean Water Act (PL 95-217), subject to the applicant's compliance with the following conditions:

1. The applicant shall not cause:
 - a. violation of applicable water quality standards of the Illinois Pollution Control Board, Title 35, Subtitle C: Water Pollution Rules and Regulations;
 - b. water pollution defined and prohibited by the Illinois Environmental Protection Act;
 - c. violation of applicable provisions of the Illinois Environmental Protection Act; or
 - d. interference with water use practices near public recreation areas or water supply intakes.
2. The applicant shall provide adequate planning and supervision during the project construction period for implementing construction methods, processes and cleanup procedures necessary to prevent water pollution and control erosion.

3. Any spoil material excavated, dredged or otherwise produced must not be returned to the waterway but must be deposited in a self-contained area in compliance with all state statutes, regulations and permit requirements with no discharge to waters of the State unless a permit has been issued by this Agency. Any backfilling must be done with clean material and placed in a manner to prevent violation of applicable water quality standards.
4. All areas affected by construction shall be mulched and seeded as soon after construction as possible. The applicant shall undertake necessary measures and procedures to reduce erosion during construction. Interim measures to prevent erosion during construction shall be taken and may include the installation of staked straw bales, sedimentation basins and temporary mulching. All construction within the waterway shall be constructed during zero or low flow conditions. The applicant shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the construction activity associated with the project will result in the disturbance of 1 (one) or more acres, total land area on or after March 10, 2003. An NPDES Storm Water Permit may be obtained by submitting a properly completed Notice of Intent (NOI) form by certified mail to the Agency's Division of Water Pollution Control, Permit Section.
5. The applicant shall implement erosion control measures consistent with the "Illinois Urban Manual" (IEPA/USDA, NRCS; 2002).

This certification becomes effective when the Department of the Army, Corps of Engineers, includes the above conditions # 1 through # 5 as conditions of the requested permit issued pursuant to Section 404 of PL 95-217.

This certification does not grant immunity from any enforcement action found necessary by this Agency to meet its responsibilities in prevention, abatement, and control of water pollution.

Sincerely,



Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:TJF:0692-06.docx

cc: IEPA, Records Unit
IEPA, DWPC, FOS, Des Plaines
IDNR, OWR, Bartlett
USEPA, Region 5
Mr. William Schuck, IDNR (Springfield) ✓



ILLINOIS
 DEPARTMENT OF
NATURAL RESOURCES
 Office of Water Resources

Lake Michigan/Chicago River Leakage Control
 Illinois Department of Natural Resources
 Office of Water Resources
 38 S. Wabash Avenue/Suite 1415
 Chicago, IL 60603

November 27, 2006

Mr. William Schuck, Division Manager
 Division of Project Implementation
 Office of Water Resources
 Illinois Department of Natural Resources
 One Natural Resources Way
 Springfield, IL 62702-1271

OFFICE OF WATER RESOURCES
 SPRINGFIELD, ILLINOIS

MER — NOV 29 2006 DRV —
 AS — [Signature] Tech ✓
 PGM D — PI —
 PLNG — RM —

RE: Application-For-Permit for the Installation of Sheet Pile Walls at Two Locations
 Along the North Pier at the Chicago Harbor Lock in the Main Branch of the
 Chicago River in the City of Chicago in Cook County

Dear Mr. Schuck:

Thank you for the above referenced application-for-permit dated August 9, 2006 for
 the above referenced work proposed by the IDNR/OWR. After reviewing the
 application and plans, we have determined that the proposed project can be permitted
 by the Department's Statewide Permit No. 9 (SW-9), "MINOR SHORELINE STREAM
 BANK, AND CHANNEL PROTECTION ACTIVITIES". This determination is based on
 the plans entitled:

**ILLINOIS DEPARTMENT OF NATURAL RESOURCES, LAKE
 MICHIGAN/CHICAGO RIVER LEAKAGE CONTROL, EX-1 – EX-6, UNDATED,
 RECEIVED AUGUST 16, 2006.**

This determination does not exempt the project from meeting the requirements of any
 other local, state or federal agencies. Enclosed is a copy of SW-9. You must meet all
 applicable special conditions detailed within. If you are unable to meet any of the
 applicable special condition, then you must notify our office in writing so that we can
 review the project for possible issuance of a formal permit.

Sincerely,

Daniel Injerd

Daniel Injerd, Chief
 Lake Michigan Management Section

DI:JC:cp

Enclosure

cc: Corps of Engineers (Diedra Willis)
 IEPA (Bruce Yurdin)

October 2, 1998

MEMORANDUM FOR DISTRIBUTION

SUBJECT: STATEWIDE PERMIT NO. 9 - MINOR SHORELINE,
STREAM BANK, AND CHANNEL PROTECTION ACTIVITIES

Attached for your information is a copy of Illinois Department of Natural Resources, Office of Water Resources Statewide Permit No. 9, which has been issued to authorize minor shoreline, stream bank, and channel protection activities on all rivers, lakes and streams under the Department's jurisdiction except Lake Michigan and those in Lake, McHenry, Cook, DuPage, Kane and Will Counties for which regulatory floodways have been designated pursuant to 17 Illinois Administrative Code 3708. This permit has been issued pursuant to the Rivers, Lakes and Streams Act, 615 ILCS 5 (1996 State Bar Edition).

This Act requires the Department to regulate construction within public bodies of water and within the floodways of streams draining ten (10) square miles or more in rural areas and one (1) square mile or more in urban areas. Among the purposes of the regulatory program are the protection of public interests in public bodies of water, the preservation of the flood carrying capacity of streams and the prevention of significant increases in potential flood damage. The issuance of Statewide Permit No. 9 represents, in part, the Department's ongoing effort to accomplish these purposes while reducing regulatory costs and burden on the public.

For additional information regarding this permit, or any other aspect of the Office of Water Resources' regulatory program, please feel free to contact the Downstate Regulatory Programs Section in Springfield (217/782-3863) or the Northeastern Illinois Regulatory Programs Section in Schaumburg (847/705-4341).

Attachment

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
OFFICE OF WATER RESOURCES
524 SOUTH SECOND STREET
SPRINGFIELD, ILLINOIS 62701-1787

STATEWIDE PERMIT NO. 9

AUTHORIZING MINOR SHORELINE, STREAM BANK, AND CHANNEL
PROTECTION ACTIVITIES

PURPOSE

The purpose of this Statewide Permit is to authorize minor shoreline, stream bank, and channel protection activities which have insignificant impact on those factors under the jurisdiction of the Illinois Department of Natural Resources, Office of Water Resources (IDNR/OWR). It is no longer necessary to submit applications to, or obtain individual permits from, IDNR/OWR for activities meeting the terms and conditions of this permit. If a project would not meet all of the terms and conditions of this permit, a formal permit application must be submitted.

APPLICABILITY

This permit applies to shoreline, stream bank, and channel protection activities on all Illinois rivers, lakes and streams under the Department's jurisdiction except Lake Michigan and those in Lake, McHenry, Cook, DuPage, Kane and Will Counties for which regulatory floodways have been designated pursuant to 17 Illinois Administrative Code 3708. Only those reaches of shoreline, stream bank, and channel which are experiencing active erosion are covered by this permit. In public waters, only the placement of protection materials on an eroded bank is authorized by this permit. This permit does **not** apply to the following activities: channel modifications such as the excavation of pilot channels; the placement of materials other than on an eroded bank of a public water (see attached list); and projects which conflict with a federal, state or local project or improvement or with any other rules of the Department.

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COORDINATION WITH OTHER AGENCIES

This permit does not supersede nor relieve any permittee's responsibility to obtain other federal, state or local permits. The local (county or municipal) regulatory official and the U. S. Army Corps of Engineers' regulatory office should be contacted to obtain any additional design criteria and required permits. In addition, if any historical or archeological materials are revealed by any activity authorized by this permit, the activity shall be suspended and the permittee shall notify the staff archeologist, Historic Preservation Agency, One Old State Capitol Plaza, Springfield, Illinois 62701.

SPECIAL CONDITIONS

In order to be authorized by this permit, an individual project must meet the following special conditions.

1. Only the following materials may be utilized in urban areas: stone and concrete riprap, steel sheet piling, cellular blocks, fabric-formed concrete, gabion baskets, rock and wire mattresses, sand/cement filled bags, geotechnical fabric materials, natural vegetation and treated timber. Urban areas are defined as: areas of the State where residential, commercial or industrial development currently exists or, based on land use plans or controls, is expected to occur within ten years. (The Department should be consulted if there is a question of whether or not an area is considered urban.)
2. In addition to the materials listed in special condition #1, other materials (e.g. tire revetments) may be utilized in rural areas provided all other conditions of this permit are met.
3. The following materials shall **not** be used in any case: auto bodies, garbage or debris, scrap lumber, metal refuse, roofing materials, asphalt or other bituminous materials, or any material which would cause water pollution as defined by the Environmental Protection Act (415 ILCS 5).

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4. The affected length of shoreline, stream bank, or channel to be protected shall not exceed, either singularly or cumulatively, one thousand (1000) feet.
5. All material utilized shall be properly sized or anchored to resist anticipated forces of current and wave action.
6. Materials shall be placed in a way which would not cause erosion, or the accumulation of debris, on properties adjacent to or opposite the project.
7. Materials shall not be placed higher than the existing top of bank.
8. Materials shall be placed so that the modified bank full width and cross-sectional area of the channel will conform to or be no more restrictive than that of the natural channel upstream and downstream of the site.

For projects involving continuous placement of riprap along the bank, toe of the bank or other similar applications, in no case shall the cross-sectional area of the natural channel be reduced by more than ten percent (10%) nor the volume of material placed exceed two (2) cubic yards per lineal foot of stream bank or shoreline. The bank may be graded to obtain a flatter slope and to lessen the quantity of material required.

9. If broken concrete is used, all protruding materials such as reinforcing rods shall be cut flush with the surface of the concrete and removed from the construction area.
10. Disturbance of vegetation shall be kept to a minimum during construction to prevent erosion and sedimentation. All disturbed areas shall be seeded or otherwise stabilized upon completion of construction.
11. In the case of seawalls and gabion structures on lakes, the structure shall be constructed at or landward of the water line, as determined by the normal pool elevation, unless;
 - a) It is constructed in alignment with an existing seawall(s) or gabion structure(s); and

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- b) The volume of material placed, including the structure, would not exceed two (2) cubic yards per lineal foot.
12. Excess material excavated during the construction of the bank or shoreline protection shall be placed in accordance with local, state, and federal laws and rules and shall not be placed in a floodway.

The usual types of projects which provide bank or shoreline stabilization include: riprap or other materials placed along the eroded length of the bank or shoreline, riprap or other materials placed at regular intervals into the stream from the eroded bank (bendway weirs, dikes, jetties), riprap placed along the toe of the bank (toe points), and riprap keyed into the bank at regular intervals along the stream (hard points). Other similar construction activities, although not specifically listed above, may comply with the intent of this Statewide Permit and, therefore, may be authorized by this permit. For those projects not specifically listed, however, plans must be submitted to the Illinois Department of Natural Resources, Office of Water Resources for review and an appropriate determination.

DESIGN SUGGESTIONS

Flow velocities, existing bed and bank soils, and directions of flow at each site should be investigated before developing a shoreline or stream bank protection plan. The following design suggestions are provided as general guidance only. For assistance in designing shoreline or stream bank protection, it is suggested that you contact a registered professional engineer or the U. S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Mississippi 39180, for a copy of the booklet, "Streambank Protection Guidelines...For Landowners and Local Governments."

The following suggestions are listed as general guidance for the placement of riprap on an eroded bank, one of the most common forms of bank protection.

1. A well distributed mix of stones weighing from 20 to 200 pounds should be used.
2. The thickness of the riprap layer should be from 12 to 18 inches. Portions of the riprap layer that would normally be under water should be increased to 18 to 30 inches.

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3. Dumped riprap should be placed at a slope of 2 horizontal to 1 vertical or flatter. The slope may be increased to 1.5 horizontal to 1 vertical for hand-placed riprap.
4. A riprap trench or apron should be provided at the base of the protected bank for stability.
5. Both ends of the project should be "tied" into the bank; the most common method being to excavate a trench in the bank and fill it with riprap. Additionally, the project should be "tied" into the bank at regular intervals of between 100 ft. and 200 ft.

The following suggestions are listed as general guidance for the placement of riprap for the establishment of longitudinal peaked stone protection (a continuous stone dike placed along the toe of the bank).

1. Riprap with a gradation from a maximum stone size of 400 pounds to 50 to 70% smaller than a 90 pound stone size is placed in a "pyramid" or triangular shaped cross section at the toe of an eroding bank without shaping the banks.
2. The riprap should be "tied" into the bank at both the upstream and downstream ends. Additionally, short riprap dikes should be "tied" into the bank at regular intervals of between 100 ft. and 200 ft.

The following suggestions are listed as general guidance for the placement of riprap for the establishment of bendway weirs (a low-level upstream-angled stone sill).

1. The weirs should be attached (keyed into) the outer bank of the bend.
2. They should be angled from 0 to 25 degrees upstream and spaced 50 to 150 feet apart.
3. They should be built of well graded stone with an upper weight limit of 650 to 1,000 pounds.
4. They are typically 2 feet high at the stream end and rise to 4 feet in height at the bank end.

GENERAL CONDITIONS OF THE STATEWIDE PERMIT

1. This permit is granted in accordance with the Rivers, Lakes and Streams Act, 615 ILCS 5 (1996 State Bar Edition).
2. This permit does not convey title to any permittee or recognize title of any permittee to any submerged or other lands, and furthermore, does not convey, lease or provide any right or rights of occupancy or use of the public or private property on which the project or any part thereof will be located, or otherwise grant to any permittee any right or interest in or to the property, whether the property is owned or possessed by the State of Illinois or by any private or public party or parties.
3. This permit does not release any permittee from liability for damage to persons or property resulting from any activity covered by this permit and does not authorize any injury to private property or invasion of private rights.
4. This permit does not relieve any permittee of the responsibility to obtain other federal, state or local authorizations required for the construction of the permitted activity; and if any permittee is required by law to obtain approval from any federal or other state agency to do the work, authorization granted by this permit is not effective until the federal and state approvals are obtained.
5. The permittee shall, at the permittee's own expense, remove all temporary piling, cofferdams, false work, and material incidental to the construction of the project, from the floodway in which the work is done. If the permittee fails to remove such structures or materials, the Department may have removal made at the expense of the permittee. If the activity is on a public body of water and if future need for public navigation or public interests, by the state or federal government, necessitates changes in any part of the structure or structures, such changes shall be made by and at the expense of the permittee or permittee's successors as required by the Department of Natural Resources or other properly constituted agency, within sixty (60) days from receipt of written notice of the necessity from the Department or other agency, unless a longer period of time is specifically authorized.

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6. In issuing this permit, the Department of Natural Resources does not approve the adequacy of the design or structural strength of any structure or improvement authorized by this permit.
7. This Statewide Permit shall remain in effect until such time as it is modified, suspended, or revoked by the Department of Natural Resources.

This Statewide Permit was issued on October 1, 1986 and last modified or corrected October 2, 1998.

APPROVED:

Brent Manning, Director
Department of Natural Resources

EXAMINED AND RECOMMENDED:

Martin J. Stralow, Manager
Division of Water Resource Management

APPROVAL RECOMMENDED:

Donald R. Vonnahme, Director
Office of Water Resources

Public Bodies of Water

The following public bodies of water were navigable in their natural condition or were improved for navigation and opened to public use. The entire length and surface area in Illinois, including all backwater lakes and sloughs open to the main channel or body of water at normal flows or stages, are open to the public unless limited to a head of navigation as stated. Head of navigation descriptions use the U.S. rectangular survey system and these abbreviations: T = township, R = range, PM = principal meridian, Sec. = section, 1/4 = quarter section, N = north, E = east, S = south, W = west, USGS = U.S. Geological Survey.

- 1) Lake Michigan;
- 2) Chicago River: Main Branch;
- 3) Chicago River: North Branch to North Shore Channel;
- 4) Chicago River: South Branch;
- 5) Chicago River: South Fork of South Branch;
- 6) Chicago River: East and West Arms of South Fork of South Branch;
- 7) Chicago River: West Fork of South Branch to Chicago Sanitary and Ship Canal;
- 8) Calumet River;
- 9) Lake Calumet and entrance channel to Calumet River;
- 10) Grand Calumet River;
- 11) Little Calumet River;
- 12) Wolf Lake (Cook County);
- 13) Mississippi River (including all backwater lakes such as Frenress Lake in Jo Daviess County, Boston Bay in Mercer County and Quincy Bay in Adams County);

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- 14) Sinsiniwa River to North Line of Sec. 9, T28N, R1W, 4th PM in Jo Daviess County, which is located approximately two-thirds mile downstream from the U.S. Highway 20 bridge. This area is shown on the Galena, Ill.-Iowa, 7.5 minute USGS quadrangle map;
- 15) Galena River to East Line of Sec. 6, T28N, R1E, 4th PM in Jo Daviess County, which is located approximately one-half mile upstream from the County Highway 67 bridge. This area is shown on the Galena, Ill.-Iowa, 7.5 minute USGS quadrangle map;
- 16) Apple River to North Line of Sec. 35, T26N, R2E, 4th PM in Jo Daviess County;
- 17) Plum River to North Line, T24N, R3E, 4th PM in Carroll County, which is located approximately one and one-half miles upstream from the U.S. Highway 52 bridge. This area is shown on the Savanna, Ill., 15 minute USGS quadrangle map;
- 18) Rock River;
- 19) Pecatonica River;
- 20) Sugar River (Winnebago County);
- 21) Stillman Creek to South Line, T25N, R11E, 4th PM in Ogle County, which is located approximately one-third mile downstream from the Illinois Highway 72 bridge. This area is shown on the Stillman Valley, 7.5 minute USGS quadrangle map;
- 22) Henderson Creek (new channel) to East Line, SW 1/4, Sec. 6, T10N, R5W, 4th PM in Henderson County. The river has been relocated and the old channel abandoned;
- 23) The Sny in Adams, Pike and Calhoun Counties. The area has been drained with levees and ditches and it is uncertain that any descendent body of water exists;

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- 24) Bay Creek to West Line, Sec. 29, T8S, R3W, 4th PM in Calhoun County. The head of navigation is the limit of meanders on the official plat of survey; but it is uncertain that any descendent body of water exists;
- 25) Illinois River (including all backwater lakes such as Peoria Lake in Peoria, Tazewell and Woodford Counties; Matanzas Bay in Mason County; and Meredosia Lake in Cass and Morgan Counties);
- 26) Des Plaines River to Hoffman Dam in Cook County, which is located one-half mile downstream from the junction with Salt Creek. This area is shown on the Berwyn, 7.5 minute USGS quadrangle map;
- 27) Kankakee River;
- 28) Iroquois River to South Line, SW 1/4, Sec. 30, T27N, R12W, 2nd PM in Iroquois County, which is located approximately one mile downstream from the junction with Sugar Creek. This area is shown on the Gilman, 15 minute USGS quadrangle;
- 29) Fox River (Illinois River Basin);
- 30) Griswold Lake (McHenry County);
- 31) Fox Chain-O-Lakes (Lake and McHenry Counties): Bluff Lake, Lake Catherine, Channel Lake, Fox Lake, Grass Lake, Lake Marie, Nippersink Lake, Dunns Lake, Pistakee Lake, Lake Jerilyn, Lac Louette, Redhead Lake;
- 32) Vermilion River (Illinois River Basin) to approximately one-half mile above the mouth near Oglesby in LaSalle County;
- 33) Spring Lake (Tazewell County);

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- 34) Spoon River to North Line, Sec. 24, T6N, R1E, 4th PM in Fulton County, which is located approximately one-half mile upstream from the Illinois Highway 95 bridge. This area is shown on the Smithfield, 7.5 minute USGS quadrangle map;
- 35) Sangamon River to South Line, NE 1/4, Sec. 1, T15N, R4W, 3rd PM in Sangamon County, which is located approximately one mile south of the Mechanicsburg Road bridge. This area is shown on the Mechanicsburg, 7.5 minute USGS quadrangle map;
- 36) Sangamon River: South Fork to South Line, Sec. 33, T16N, R4W, 3rd PM in Sangamon County, which is located approximately two miles upstream from the mouth. This area is shown on the Springfield-East, 7.5 minute USGS quadrangle map;
- 37) Macoupin Creek to East Line, Sec. 25, T9N, R13W, 3rd PM in Green and Jersey Counties, which is located approximately one mile downstream from the junction with Boyer Creek. This area is shown on the Boyer Creek, 7.5 minute USGS quadrangle map;
- 38) Otter Creek to East Line of Sec. 3, T7N, R13W, 3rd PM in Jersey County, which is located approximately two miles east of the Illinois Highway 100 bridge. This area is shown on the Nutwood, 7.5 minute USGS quadrangle map;
- 39) Kaskaskia River to East Line, SW 1/4, Sec. 31, T8N, R2E, 3rd PM, which is located nine miles south and two miles west of Herrick. This area is shown on the Vera, 7.5 minute USGS quadrangle map;
- 40) Big Muddy River to East Line T8S, R2W, 3rd PM in Jackson County, which is located approximately one mile northwest of the Southern Illinois Airport. This area is shown on the Murphysboro, 7.5 minute USGS quadrangle map;

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- 41) Ohio River;
- 42) Wabash River;
- 43) Vermilion River (Wabash River Basin) to West Line, T19N, R11W, 2nd PM in Vermilion County, which is located approximately one mile upstream from the junction with the North Fork. This area is shown on the Danville, SW, 7.5 minute USGS quadrangle map;
- 44) Little Wabash River to the Illinois Highway 1 bridge in Carmi in White County;
- 45) Saline River to junction of North Fork and South Fork;
- 46) Saline River: North Fork to North Line, Sec. 5, T8S, R8E, 3rd PM in Gallatin County, which is located approximately three miles south of the junction of Illinois Highway 141 and U.S. Highway 45. This area is shown on the Ridgway, 7.5 minute USGS quadrangle map;
- 47) Saline River: South Fork to West Line, T9S, R8E, 3rd PM in Gallatin County, which is located at the Gallatin-Saline County line. This area is shown on the Equality, 7.5 minute USGS quadrangle map;
- 48) Horseshoe Lake (Alexander County).

The following public bodies of water are primarily artificial navigable waters that were opened to public use.

- 1) Illinois and Michigan Canal;
- 2) Illinois and Mississippi (Hennepin) Canal and Canal Feeder;
- 3) North Shore Channel (Cook County);
- 4) North Branch Canal of North Branch Chicago River (Cook County);

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- 5) Relocated South Branch Chicago River (Cook County);
- 6) Chicago Sanitary and Ship Canal;
- 7) Calumet Sag Channel;
- 8) Marseilles Canal (LaSalle County);
- 9) Chain of Rocks Canal (Madison County);
- 10) Relocated Kaskaskia River.

The following public bodies of water are navigable waters that were dedicated to public use. This list is incomplete. It is believed there are numerous channels and slips in subdivisions on the margins of public bodies of water which have been dedicated by plat. Additional channels and slips have been dedicated by common law.

- 1) Petite Lake, Spring Lake and connecting channels between Bluff Lake and Fox Lake in Lake County.

HARBOR PERMIT REVIEW

ATTENDANCE and MINUTES OF MEETING

Chicago Department of Transportation
 Division of Engineering
 30 N. LaSalle Street, Room 400
 Chicago, IL 60602

OUC # 43191

PROJECT ADDRESS: Lake Michigan / Chicago River
 PROJECT NAME/DESCRIPTION: River Leakage Control
 DATE: July 30, 2009

Name	Organization	Phone
O. Chaves	CDOT	(312) 744-0647
Paul Hottman	IDNR	(630) 847 (847) 631-3800
VASILE JURCA	CDOT	312.744.0646

- Dept. of Water Management: caution with the water service that runs inside the utility tunnel.
- Call DIGGER at least 48 hrs. prior to the start of any construction activities.
- The contractor to obtain a harbor permit from CDOT.
- CDOT needs the start and completion dates for the project.

OUC CORRESPONDENCE NO.

1963

OUC#: 43191

DATE: JUNE 25, 2009

PROJECT STEEL SHEET PILING & GROUTING INSTALLATION FOR LAKE

MICHIGAN/CHICAGO RIVER LEAKAGE CONTROL PROJECT -ALONG THE NORTH PIER

PROJECT LOCATION

SEPARATING THE CHGO RIVER FROM LAKE MICHIGAN

IN COOK COUNTY, IL. ALONG THE SOUTH SEAWALL OF NORTH PIER & AT/NEAR THE W.

REQUESTER

END OF THE N. SEAWALL OF THE NORTH PIER - TED MONTREY -

ILLINOIS DEPARTMENT OF NATURAL RESOURCES - SPRINGFIELD, IL 62702

MCI-METRO (ATS/WU)

NI

PIA

AT&T-ILLINOIS/SBC

NO

PIA

BUREAU OF ELECTRICITY

SR

PIA

CDOT-PROJECT DEVELOPMENT

MS

PIA

~~CDOT-INFRASTRUCTURE~~

~~BUREAU OF FORESTRY~~

CDOT-ENGINEERING

SR

PIA - Harbor Permit
in process.

~~CDOT (Const. Compliance)~~

CTA (Traffic)

NI

PIA

CTA (Maintenance)

NI

PIA

COMCAST

DIA

PIA

CHICAGO PARK DISTRICT

NI

PIA

COMED - DISTRIBUTION

MS

PIA

COMED - TRANSMISSION

NI

PIA

~~7/27~~ C.D.W.M. - SEWER SECTION

C.D.W.M. - WATER SECTION

SR

PIA

M.W.R.D	PIA	PIA
PEOPLES ENERGY	PIA	PIA
AT&T-LOCAL NETWORK SER.	PIA	PIA
RCN	PIA	PIA
JCDECAUX NORTH AMERICA	PIA	PIA
LAKESIDE TECHNOLOGY	PIA	PIA
LEVEL 3 / LOOKING GLASS	PIA	PIA
MDE/THERMAL CHICAGO		PIA
Transmittals Recd. By:	<u>Paul C. Hoffman</u> Date	<u>7/30/09</u>
	Paul C. Hoffman	(847) 631-3800

City Of Chicago Client Query - (public)

1/19/2010

Refresh



City of Chicago
 Department of Transportation
 Office of Underground Coordination
 30 N. LaSalle St., 3rd Floor, Chicago, IL 60602
 Phone# (312) 744-4828 Fax# (312) 742-3138



Transmittal & Review Form

Status:	Initial Review Completed	OUC File #: 2009-43191
Client Query #:	12850E	Process Date: 06/25/2009
PIN Number:	b45NtsRJ	Response Required Date: 07/26/2009

Author:

Name: Ted Montrey
 Company: Illinois Department of Natural Resources
 Address 1: One Natural Resources Way
 Address 2:
 City: Springfield
 State: IL
 Zip: 62702
 Phone: 217-782-4439
 Phone Extension:
 Fax: 217-785-5014
 Mobile:
 Email: Ted.montrey@Illinois.gov

Submitting Agency:

Name: Ted Montrey
 Submitting Agency: Illinois Department of Natural Resources
 Address 1: One Natural Resources Way
 Address 2:
 City: Springfield
 State: IL
 Zip: 62702
 Phone: 217-782-4439
 Phone Extension:
 Fax: 217-785-5014
 Mobile:
 Email: Ted.montrey@Illinois.gov

Project Information:

Project Description: QAD REVIEW.
 Steel Sheet Piling and Grouting Installation for Lake Michigan / Chicago River Leakage Control Project.

Are manhole/handhole installations planned in the public way?

- Yes
- No

Project No.: QAD FR-401 Construction Date: 09/18/2009

Project Location:

Address 1: The improvement is located along the North Pier separating the Chicago River from Lake Michigan in Cook County, Illinois. This site is immediately south of Navy Pier. Work will be performed along the south seawall of North Pier and at/near the west end of the north seawall of the North Pier.

Address 2:

Additional Location Description:

The improvement consists of furnishing and driving steel sheet piling, installation of waler for the piling, placement of lean concrete fill behind some of the new piling, the boring and filling of seepage control grout holes, underwater joint sealing for the existing steel sheet pile sea wall, pressure grouting at the specified locations, removal and replacement of existing riprap, removing and rebuilding some concrete cap, and all incidental and collateral work necessary to complete the project as shown on the plans and as described herein.

Project Coordinator 1: Ted Montrey
Project Coordinator 2:

Phone:217-782-4439
Phone:

Extn:
Extn:

Purpose of Review

- Vacation/Dedication/Subdivision Information Retrieval Existing Facility Protection

Office of Underground Coordination Member Response

[\(Hide Comments\)](#)

Responded By	Date	Permit Issuance Authorized	No Affect	Affects Existing Facilities	Affects Existing Service Line	Interferes Longitudinally	Proj. Coord. Notified	Conflict Resolved by Proj. Coord.	Requires OUC Submittal
Roy Franceschina 01-Comcast 773-394-8621	06/29/2009	✓							
George Leksas 01-ComEd Transmission 630-437-2851	06/29/2009	✓	✓						
Reece Conrad 01-RCN 312-955-2252	06/29/2009	✓							
Luyang Yang 01-CDOT-Project Development (312) 744-8065	07/02/2009	✓	✓						
Leo Bazelewski CTA - Facility 312-922-0573	07/07/2009	✓	✓						
Frank Duffy 01-MDE/Thermal Chicago Corporation 312-447-1600	07/07/2009	✓	✓						
John Hauska Peoples Gas Light and Coke (312) 240-4758	07/07/2009	✓	✓						
Donald Lavelle AT&T-Illinois/SBC (630) 573-5463	07/10/2009	✓	✓						
Jarod Oliver CTR - CDWM Water Section Consultant 312-742-1875	07/13/2009	✓	✓						

Comments:

The minimum vertical clearance from all water mains is 18 inches. For feeder mains (24-inch and larger) the minimum horizontal clearance is five (5) feet, and for grid mains (16-inch and less) the minimum horizontal clearance is three (3) feet. There is an existing water service that runs within a utility tunnel in the north pier that serves the locks. Extreme caution must be taken to avoid damage to this existing service as well as any other water facilities. If any damage occurs to this Department's facilities the contractor and/or owner will be responsible for the cost of repairing or replacing the damaged facilities.

Lake Michigan/Chicago River Leakage Control

Desean Kyser JcDecaux Nort America 312-456-2999	07/16/2009	✓	✓
James Martin 01-Level 3 Communications / LGN 708-410-1684	07/17/2009	✓	
Joseph Osowski 01-CTA - Traffic 312-681-4151	07/20/2009	✓	✓
Comments:	THIS DOES NOT AFFECT CTA BUS OPERATIONS.		
Greg Prah 01-Digital Realty Trust (Lakeside Technology Center) 312-604-1904	07/20/2009	✓	✓
Joseph Leung ComEd (773) 509-3288	07/21/2009	✓	✓
Henry Lee 01-Chicago Park District (312) 742-4671	07/21/2009	✓	✓
William McIntyre 01-CDOT Engineering 312-744-4189	07/21/2009	✓	✓
Comments:	A Harbor Permit is required for this job. Contact Mr. Ozzie Chaves at (312) 744-0647.		
Christopher Hein Bureau of Electricity 312-746-8160	07/23/2009	✓	✓
Comments:	tried to find any records of any cable in river caution		
Jim Todd 01-MCI 708-458-6410	07/24/2009	✓	✓
Hanif Munshi 01-M.W.R.D. 312-751-3184	07/24/2009	✓	
Bobby Akhter 01-AT&T Local Network Services (630) 810-6274	07/26/2009	✓	✓
John Kirchner Bureau of Forestry 312-746-5254	07/27/2009	✓	✓

OUC Project Manager Comments

Comments: MISSING OUC RESPONSE - SEWER SECTION
CONFLICTS - NONE
SENT TO QAD - 7/27/09

Project Manager: Brenda Moore

Date: 07/30/2009

End of Transmittal & Review Form

ENGINEER'S FIELD OFFICE TYPE B

Revise Article 670.04 of the Standard Specifications to read:

“670.04 Engineer’s Field Office Type B. Type B field offices shall have a minimum ceiling height of 7 ft (2m) and a minimum floor space of 380 sq ft (35 sq m). The office shall be provided with sufficient heat, natural and artificial light, and air conditioning. Doors and windows shall be equipped with locks approved by the Engineer.

Adequate all weather parking shall be available to accommodate a minimum of six vehicles.

In addition, the following equipment and furniture meeting the approval of the Engineer shall be furnished.

- (a) Four desks with a minimum working surface 42 x 30 in. (1.1 m x 750 mm) each and four non-folding chairs with upholstered seat and back.
- (b) One free standing four drawer legal size file cabinet with lock and an underwriters’ laboratories insulated file device 350 degrees one hour rating.
- (c) One four post drafting table with minimum top size of 37 ½ x 48 in. (950 mm x 1.2 m). The top shall be basswood or equivalent and capable of being tilted through an angle of 50 degrees. An adjustable height drafting stool with upholstered seat and back shall also be provided.
- (d) Two folding chairs.
- (e) One equipment cabinet of minimum inside dimension of 44 in. (1100 mm) high x 24 in. (600 mm) wide x 30 in. (750 mm) deep with lock. The walls shall be of steel with a 3/32 in. (2 mm) minimum thickness with concealed hinges and enclosed lock constructed to prevent entry by force. The cabinet assembly shall be permanently attached to a structural element of the field office to prevent theft of the entire cabinet.
- (f) A minimum of three communication paths The configuration shall include:
 - (1) Internet Connection. An internet service connection using telephone DSL, cable broadband, or CDMA wireless technology. Additionally, an 802.11g/N wireless router shall be provided, which will allow connection by the Engineer and up to four Department staff.
 - (2) Telephone lines. Two separate telephone lines.
 - (3) One cellular phone with a minimum of 1000 anytime calling minutes per month for exclusive use by the Engineer.
- (g) One electric desk type tape printing calculator.
- (h) One first-aid cabinet fully equipped.

- (i) One plain paper copy machine capable of reproducing prints up to 11 x 17 in. (280 x 432 mm) with an automatic feed tray capable of storing 30 sheets of paper. Letter size and 11 x 17 in. (280 x 432 mm) paper shall be provided.
- (j) One plain paper fax machine with paper.
- (k) One telephone, with touch tone, where available, and a digital telephone answering machine, for exclusive use by the Engineer.
- (l) A portable toilet meeting Federal, State, and local health department requirements stocked with lavatory and sanitary supplies at all times.
- (m) One electric water cooler dispenser.
- (n) One refrigerator with a minimum size of 16 cu ft (0.45 cu m) with a freezer unit.”

Revise the first sentence of the first paragraph of article 670.07 of the Standard Specifications to read:

“This price shall include all utility costs and shall reflect the salvage value of the building or buildings, equipment, and furniture which become the property of the Contractor after release by the Engineer, except that the Department will pay that portion of the monthly long distance telephone bills that, when combined, exceed \$150 and the additional cost, if any, for cell phone use over the minimum required allotment of anytime calling minutes stated above.”

SHEET PILING

Description. The work required under this section consists of furnishing all plant, labor, and materials and performing all operations required to install steel sheet piling and other related materials in accordance with the requirements specified herein and the Drawings.

The Contractor shall familiarize himself with the plan details and site constraints. Both barge-mounted and land operated equipment will be required for completing the specified work. The Contractor shall obtain field measurements to assure proper fit prior to ordering materials.

Quality Control. The Contractor shall inspect the interlocked joints of driven pilings extending above ground. Pilings found to be out of interlock shall be removed and replaced at the Contractor's expense. The Contractor shall use divers to inspect underwater interlocked joints of sheet piling. Engineer's divers may also inspect the interlocked joints.

The Contractor shall establish and maintain a quality control system for all operations performed under this Section to assure compliance with contract performed including, but not limited to, the following:

1. Quality of materials.
2. Location and installation of required materials.
3. Fabrication and installation of components.
4. Placement and support of piling: locations, horizontal and vertical alignment, splicing, welding, elevations, and interlocks.

Qualifications of Personnel. The steel sheet pile driving crew shall be experienced in the installation and driving of similar steel sheet piles in a marine environment.

All welding shall be performed by operators who have been recently qualified as prescribed in "Qualifications Procedure" of the American Welding Society.

The provisions of the following Codes and Standards shall be complied except as otherwise indicated.

Applicable Publications. The following publications referred to hereafter by basic designation only, form a part of this Specification to the extent indicated by the reference thereto:

Illinois Department of Transportation Standard Specifications for Road and Bridge Construction.

AASHTO or ASTM A6 General Requirements

AASHTO M183 (A36) Structural Steel

AASHTO M164 (A325) High Strength Bolts

AASHTO M202 (A328) Steel Sheet Piling

A722 Tie-Rods

Structural Welding Code of the American Welding Society, AWS D1.1.

The Contractor shall provide assistance to the Engineer as necessary to inspect Contractor's work and review Contractor's inspection.

Submittals. The Contractor shall submit descriptions of driving equipment, shop equipment, shop drawings, waterstop data sheets for interlocks, test procedures, test reports and certificates, sheet piling driving records and other submittals to the Engineer for approval as required. Submittals not satisfactory to the Engineer will be rejected.

Pile Driving Equipment. Complete description of pile driving equipment, including hammers, extractors, protection caps, and other appurtenances as well as make, model, and age prior to commencement of work shall be submitted. Hammers shall be steam air, or diesel drop, single-acting, double-acting, different-acting or vibratory type. The driving energy of the hammers shall be between 8,750 and 16,000 foot-pounds, or as recommended by the manufacturer for the piling weights and subsurface conditions expected to be encountered.

Shop Drawings. Shop drawings for the work covered under this Section shall be submitted to the Engineer for approval in accordance with the Standard Specifications. Shop drawings for sheet piling indicating fabricated sections and bracing shall show complete piling dimensions and details, driving sequence and location of installed piling. Shop drawings shall include details and dimensions of templates and other temporary guide structures for installing piling. Shop drawings shall provide details of the method of handling piling to prevent permanent deflection, distortion or damage to piling interlocks.

Material fabricated or delivered to the site before reviewed shop drawings have been returned to the Contractor shall be subject to rejection.

Materials Test Certificates shall be submitted for each shipment and identified with specific lots prior to installing piling. Identification data shall include piling type, dimensions, section properties and mill identification mark.

Driving Records. Daily records of the sheet piling driving operations shall be submitted the day after driving is completed. These records shall provide a system of identification which shows the disposition of approved piling in the work, driving equipment performance data, piling penetration rate data, piling dimensions and top and bottom elevations of installed piling.

Sheet piling and appurtenant materials shall be tested and certified by the manufacturer to meet the specified chemical, mechanical and section property requirements prior to delivery to the site. Testing of sheet piling for mechanical properties shall be performed after the completion of all rolling and forming operations. Test results must be acceptable prior to delivery of piling. The Contractor at his/her own expense shall furnish two certified copies of all mill test reports covering the chemical and physical properties of the steel used in the work under this section of the Specifications. Each sheet shall have its ASTM specification or AASHTO designation number, steel grade and PE or CE number painted on each end. The manufacturer's logo and mill identification mark shall be stamped on each unspliced sheet piling at a minimum of two (2) locations.

Product Handling.

Storage: Materials delivered to the site shall be in a new and undamaged condition and shall be accompanied by certified test reports. Sheet piling shall be stored and handled in the manner recommended by the manufacturer to prevent permanent deflection, distortion, or damage to interlocks. Storage of sheet piling shall also facilitate required inspection activities.

Protection: All means necessary shall be used to protect steel piling before, during and after installation and to protect adjacent facilities.

Replacements: In the event of damage, all repairs and replacements necessary to the approval of the Engineer shall be made immediately by the Contractor at his/her own expense.

Materials. Hot rolled steel for sheet piles shall conform to the requirements of AASHTO M-202 (ASTM A 328) or equivalent. All sheet piles shall be new. Cold rolled substitute sections will not be permitted for sheet piles. Steel sheet piling shall have minimum ultimate interlock strength of 18 kips per lineal inch. All welding shall conform to the applicable requirements of Article 505.04(q) of the IDOT Standard Specifications.

Material for wales, plates and structural shapes shall conform to AASHTO M 183 (ASTM A 36) or AASHTO M 223 (ASTM A572) unless otherwise specified.

Metal shapes, bolts, nuts, and other appurtenant materials shall conform to the requirements in the sheet piling standards, unless otherwise specified herein. High strength steel bolts for sheeting connections and fabrications shall conform to AASTHTO M-164 (ASTM A325) Type 3 rather than Type 1.

Water Stop Material shall be Hydrophillic waterstop, Adeka Ultra Seal, A-30 as manufactured by Okabe, Co., Ltd. and distributed by OCM, Inc. or approved equal. The sealing material shall be compatible with steel sheet piling as recommended by the manufacturer. The hot-rolled sheeting seal shall consist of hydrophillic rubber composition placed in a female interlock and shall be placed along the full length of the steel sheet driven.

Sheet Pile Sections. Sheet piles, including special fabricated sections, shall be of the types indicated on the Drawings and shall be of a design, such that when in place they will be continuously interlocked throughout their entire length. Sheet piling, including fabricated sections, shall be single piece sections without splices. All piles shall be provided with standard handling holes, located approximately six (6) inches below the top of the pile, unless otherwise shown or directed. The types and dimensions of the piles the Contractor proposes to furnish shall be submitted for review, and no order for delivery of such piles shall be given by the Contractor prior to receipt of written confirmation that the Engineer has completed this review. Piles shall have the minimum properties listed on the plans.

The western-most sheet of the north sheet pile wall of the North Pier shall be pulled, cut as necessary and used in the fabrication of the AZ13 transition sheet pile. In addition, another AZ13 sheet pile shall be cut and part of it welded to the east side of the HP14x73 pile and the remainder of the cut sheet shall be welded to the west side of the HP14x73 pile to provide the required interlock with adjacent AZ13 sheet piles. All assembly shall be fabricated and erected as shown, subject to field verification of existing features. All necessary work including but not limited to cutting, cleaning, welding and joint sealing shall be included.

At the Contractor's option, the Contractor may provide an alternate hot rolled section to the steel sheet pile section shown on the drawings, provided that it meets or exceeds the properties listed, and is approved by the Engineer. Alternate steel sheet piling must conform to AASHTO M-202 (ASTM A 328). All other requirements of these specifications for the steel sheet piling structure shall apply. Contractor shall make changes in the layout, connections, and appurtenances to accommodate the differing dimensions of the substitute sections, and submit the changes to the Engineer for approval. The Contractor shall not order an alternate hot-rolled section until approved by the Engineer.

Each steel pile shall be free from any kinks and shall not possess camber, twist, or warp of a degree which will, in a manner, prevent easy and ready driving of a pile. The interlock of each pile shall be straight throughout its entire length and shall be of such shape and dimensions as will permit free and easy threading of the pile.

Sealing of Interlocks. All sheet piles driven in the line of piles that connects to the west end of the existing sheet pile wall on the north side of the North Pier shall be sealed for the full length to attain a tight seal and prevent leakage of water from the lake side.

The alternate interlock joints may be welded and other alternate interlock joints shall be sealed with hydrophillic waterstop material. The Contractor shall submit his method of welding and sealing procedure for approval. Loose materials and foreign matter shall be removed which might impair adhesion of sealant. The interlock joints shall be cleaned in accordance with manufacturer's instructions. The interlock joints shall be protected before and after sealant application from damage or disfiguration. Sealant shall be applied in accordance with sealant manufacturer's requirements of preparation of surfaces and material installation instructions. A

sealant manufacturer's representative shall be present during sealing and installation of sheet piling at the site whenever deemed necessary by the Engineer.

Placing Sheet Piles. Pile driving equipment shall be in accordance with the Contractor's submittal for equipment. Barges on which pile placement equipment is mounted shall be anchored against movement, independent from wall and other nearby structures during placement of piles.

Placing. Following the removal of debris and rock fill, piles shall be carefully located as shown on the drawings, and driven in a plumb position, each pile interlocked with adjoining piles for its entire length so as to form a continuous diaphragm throughout each run of wall. Obstructions, if any, encountered shall be removed to drive sheet piling to the required depth at the Contractor's own expense. Out-of-plumbness shall not exceed 1/8 inch per foot of pile length in any direction around the vertical axis of a pile. The Contractor shall drive all piles as true to lines as practicable and shall provide suitable temporary templates or guide structures to insure that the piles are placed and driven in correct alignment. All sheet piling shall interlock to form a continuous wall. Interlock of piles shall be placed and driven with the ball end leading in the direction of the driving.

Driving Sheet Piles. In order to drive the sheet piling, the existing riprap and other materials will require temporary removal along the proposed alignment of the wall. The Contractor shall use extreme caution when removing the riprap and shall store the removed material in a location approved by the Engineer; no material may be stored on the North Pier. All excess material shall be properly disposed off site. It will be the Contractor's responsibility to properly sequence the work to assure stability of the existing property. Any remedial work required to restore the property to the original pre-construction condition shall be performed by the Contractor at no additional cost.

Pilings shall be driven with the proper size hammer and by approved methods so as not to subject the pilings to damage and to insure proper interlocking throughout their lengths. Driving hammers shall be maintained in proper alignment during driving operations by use of leads or guides attached to the hammer. Caution shall be taken in the sustained use of vibratory hammers when a hard driving condition is encountered to avoid interlock melt or damage. The use of vibratory hammers shall be discontinued and impact hammers employed when the penetration rate due to vibratory loading is one foot or less per minute. The work of using an impact hammer in such circumstances shall be at the Contractor's own expense. A protecting cap shall be employed in driving when using impact hammers to prevent damage to the tops of pilings. Pilings shall be driven without the aid of an air or water jet. Adequate precautions shall be taken to insure that pilings are driven plumb. If at any time the forward or leading edge of the piling wall is found to be out-of-plumb in the plane of the wall, the piling being driven shall be driven to the required depth and tapered pilings shall be provided and driven to interlock with the out-of-plumb leading edge or other approved corrective measures shall be taken by the Contractor to insure the plumbness of succeeding pilings. The maximum permissible taper for any tapered piling shall be 1/8 inch per foot of length.

The horizontal alignment of the steel sheet pile wall shall be within one (1) inch of required location after completion of driving and after assembly and tightening of wales. Pilings in each run or continuous length of piling wall shall be driven alternately in increments of depth to the required depth or elevation. No pilings shall be driven to a lower elevation than those behind it in the same run except when the piling behind it cannot be driven deeper. If the piling next to

the one being driven tends to follow below final elevation it may be pinned to the next adjacent piling. All piles shall be driven to the depths shown on the drawings or as otherwise specified or directed and shall extend to the elevations indicated for the tops of the piles.

If obstructions restrict driving a piling to the specified penetration, the obstructions shall, to the extent deemed practicable, be removed or penetrated with a chisel beam by the Contractor at his/her expense. Should boulders or other obstructions render it impracticable to drive a pile to the specified penetration, or if soil conditions are encountered which are resulting in damage to the piling by attempting to drive it to the required tip elevations, the Contractor shall thereupon notify the Engineer at the site and request direction. The Engineer will determine any changes in design or alignment stability of the structure. Upon notification of the Engineer's findings and determination, the Contractor shall proceed with the work in accordance with the Engineer's directive. Payment for the additional cost of any required changes will be made in accordance with applicable provisions of the Standard Specifications.

Piles driven out of interlock with adjacent piles or otherwise damaged shall be removed at the Contractor's expense. The piles shall be driven to the required top-of-pile elevation. If damage to the top of the pile occurs during driving, the pile shall be driven to an elevation above the required top-of-pile elevation. After driving, the piles shall be cut off to the required top elevation as shown on the drawings and the edges dressed reasonably smooth. The tops of the piles shall be at the required elevation after cutting off. A tolerance of one (1) inch above the required top elevations will be permitted. Pilings shall not be driven within 100 feet of concrete less than seven days old.

Cutting, Welding, Splicing, Pulling, and Redriving Sheet Piles. Pilings driven to refusal or to the point where additional penetration cannot be attained due to obstructions and are extending above the required top elevation in excess of the specified tolerance shall be cut off to the required elevation and left in place when allowed in writing by the Engineer. Allowance for such cutoffs will be considered in the event not more than (2) consecutive piles are driven short in this manner, and proper clearing of obstructions that could have been anticipated has been completed. Pilings driven below the required top elevation and pilings damaged by driving and cut off to permit further driving shall be extended as required to reach the top elevation by splicing when directed by the Engineer, by the Contractor at his/her own expense. If directed by the Engineer, pilings shall be spliced as required to drive them to depths greater than shown on the drawings and extend them up to the required top elevation. Pilings adjoining spliced pilings shall be full length unless otherwise approved. If splices are allowed in adjoining pilings the splices must be necessary, the splices shall be made by an approved butt weld, making full penetration of the pile section, or as otherwise directed or approved by the Engineer. Ends of pilings to be spliced shall be squared before splicing to eliminate dips or camber. Pilings shall be spliced together with concentric alignment of the interlocks so that there are no discontinuances, dips, or camber at the abutting interlocks. Spliced pilings shall be free sliding and able to obtain the maximum swing with contiguous pilings. Other splicing of piling is prohibited unless otherwise approved by the Engineer. The tops of pilings excessively battered during driving shall be trimmed when directed, by the Contractor at his/her own expense.

Upon completion of pile driving, piling tops extending above the required top elevation shall be cut off at the required elevation and the edges made smooth. Piling cutoffs shall become the property of the Contractor and removed from the site. The Contractor shall cut holes in pilings for bolts and rods as shown on the drawings or as directed. All cutting shall be done in a neat and workmanlike manner. A straight edge shall be used in cuts made by burning to avoid

abrupt nicks. Bolt holes in steel piling shall be drilled or may be burned and reamed by approved methods, which will not damage the surrounding metal. Holes other than bolt holes shall be reasonably smooth and the proper size for rods and other items to be inserted.

The Engineer may direct the Contractor to pull selected piles after driving for test and inspection, to determine the condition of the underground and underwater portion of the piles. The method of pulling shall be in accordance with the approved work plan. Any pile so pulled and found to be damaged to such extent as would impair its usefulness in the structure, as determined by the Engineer, shall be removed from the work, and the Contractor shall furnish and drive another pile to replace the damaged pile. Piles pulled and found to be in satisfactory conditions shall be redriven.

Seal Welding. Lift holes remaining in the permanent structure for the wall shall be plug welded or covered by a steel plate (minimum 1/4 inch thickness) on the inside of the sheeting and welded to the surrounding steel.

Cessation of Work. Whenever the work is discontinued, the Contractor, before closing down operations, shall protect all the exposed partially complete work against damage and instability. The Contractor shall also take precautions to assure that steel sheet piling is adequately braced to avoid damage and instability from wave action during construction. The Contractor, at no cost to the Owner, shall replace piles damaged during construction. The Contractor's means and methods of providing such protection shall be as included in the approved work plan.

Pile Driving Records. The Contractor shall establish and maintain a quality control system for all operations performed under this Section to assure compliance with contract requirements and maintain records of his quality control for all operations performed, including, but not limited to, the following:

1. Pile location including horizontal and vertical alignment
2. Date driven
3. Hammer type
4. Energy rating or weight of hammer and height of fall of hammer
5. The number of blows for each foot of penetration and the penetration for the last five blows of the hammer
6. Pile tip elevation
7. Pile cut-off elevation
8. Inspection records including any corrective actions taken.

Waler Assembly. The waler assembly shall be fabricated and erected to the dimensions shown, subject to field verification of existing features. The waler assembly may be installed prior to pile driving operations to serve as an alignment template. All necessary work, including but not limited to structural steel, fill plates, welds, bolts and concrete anchors shall be included with the assembly.

Method of Measurement. This work will be measured for payment in the following manner:

1. By Area. Steel sheet piling will be measured for payment in place by using the area computed in square feet of 2-dimensional projection of the wall. Projected wall area will be computed by multiplying the horizontal length of the wall measured along the top of the pile centerline multiplied by the length of the piles, measure from the tip elevation to the cut-off elevation.

2. By Lump Sum. Waler assembly will be measured as a lump sum which shall include all elements associated with constructing the assembly as shown and specified.

All measurements will be based on plan dimensions unless modified in writing by the Engineer.

Basis of Payment. This work will be paid for in the following manner:

1. Furnishing and driving steel sheet piling will be paid for at the contract unit price per square foot for STEEL SHEET PILING. Sealing of interlocks will not be measured for payment. The cost of sealing of interlocks is included in this pay item. Payment will be made for the total square feet accepted by the Engineer.
2. Fabricating, furnishing and installing the waler assembly will be paid for at the contract lump sum price for WALER ASSEMBLY.

FURNISHING STEEL PILES HP 14x73, SPECIAL

Description. This work shall consist of all plant, labor, equipment and materials required to furnish the special steel HP14x73 piling at the one location shown on the drawings. The Contractor shall familiarize himself with the plan details and site constraints. This work shall be in accordance with the applicable requirements of Section 512 of the Standard Specifications, as specified herein, as shown on the Drawings and as directed by the Engineer.

General. The tip of the special HP 14x73 pile shall be ground to a “knife” edge prior to driving to aid in splitting through the center timber plank of the existing timber Wakefield wall. The pile shall be positioned so that the front and back faces of the existing timber Wakefield wall are contained between the flanges of the special HP14x73 pile as much as possible, and so the web of the special HP14x73 pile is centered on the vertical joints in the exterior layers of planks if possible.

Great care shall be exercised when taking the measurements in the field and determining the placement of the special HP14x73 prior to fabricating the special transition sections required to connect the proposed sheet pile wall to the west end of the existing steel sheet pile wall on the north side of the North Pier. Special care will be needed when driving the aforementioned transition sections to insure interlock along the entire pile length while keeping the special HP14x73 pile properly centered on the existing timber Wakefield wall.

Piling shall be driven without the aid of an air or water jet.

Method of Measurement. Furnishing Steel Piles HP14x73, Special shall be measured for payment in place in feet.

Basis of Payment. This work will be paid for at the contract unit price per foot for FURNISHING STEEL PILES HP14x73, SPECIAL. The cost of cutting and welding the pieces of sheet piling to the flanges of the Special HP14x73 pile shall be included in the cost of FURNISHING STEEL PILES HP14x73, SPECIAL. The cost of furnishing and driving said sheet pile pieces is included in the cost of STEEL SHEET PILING as described else where in the special provisions. Driving of the Special HP14x73 pile shall be paid for at the contract unit price per foot for DRIVING PILES.

SHEET PILING REMOVAL

Description. This work shall consist of the satisfactory removal and disposal or salvaging of the existing sheet piling members as shown on the plans. The removal and disposal of all plates, bolts or other items associated with the sheet piling system is included in this work.

General. Before the proposed fabricated transition sheet pile can be driven/connected to the existing north sheet pile wall of the North Pier, two existing MP115 sheet piles will need to be removed. The Contractor shall take extreme care so as not to damage the existing sheet piling that is to remain in place or the part of the sheet pile that will be used in the fabrication of the transition sheet pile. Any damaged piling shall be removed and replaced or repaired to the satisfaction of the Engineer at the Contractor's expense and at no additional cost to the State.

Method of Measurement. Sheet piling removal will be measured for payment by using the area computed in square feet of 2-dimensional projection of the portion of the wall that is removed. Projected wall area will be computed by multiplying the horizontal length of the removed wall measured along the top of the pile centerline multiplied by the length of the piles, measure from end to end of the pile.

Basis of Payment. This work will be paid for at the contract unit price per square foot for SHEET PILING REMOVAL.

TEMPORARY BRACING ASSEMBLY

Description. This work shall consist of designing, furnishing, installing, removing and disposing of the temporary walers, strut and any plates and hardware required as shown at Location A in the plans.

General. The Temporary Bracing Assembly shall be designed by the Contractor as a minimum, to retain the area behind the existing and proposed cantilevered steel sheet pile as shown in the plans and/or as directed by the Engineer.

The design calculations and details for the temporary Bracing Assembly proposed by the Contractor shall be submitted to the Engineer for approval. The calculations shall be prepared and sealed by an Illinois Licensed Structural Engineer. This approval will not relieve the Contractor of responsibility for the safety of the excavation.

This assembly shall be installed and approved by the Engineer prior to removing any riprap from the lake, and shall be removed after the riprap has been replaced and the walls have been backfilled at least to the elevation of the top of the riprap.

Method of Measurement. Temporary bracing assembly will not be measured for payment, but shall be paid for as a lump sum.

Basis of Payment. This work will be paid for at the contract lump sum price for TEMPORARY BRACING ASSEMBLY.

LEAN CONCRETE FILL

Description. This work shall consist of furnishing all materials, equipment and labor necessary for cleaning, prep work, placing and consolidating a lean concrete fill within areas depicted on the plans or as directed by the Engineer.

Submittals. Submit mix design and strength data for Lean Concrete Fill.

Materials. A lean concrete fill with a minimum compressive strength of 2000 psi at 28 days shall be placed immediately behind the steel sheet piling located in the Chicago River entrance channel. Except for the minimum compressive strength specified above, concrete shall comply with the requirements of the IDOT Standard Specifications for Class SI concrete.

Placement. Placement of the concrete shall be accomplished by the tremie method. The concrete shall be placed through a pipe long enough to reach the bottom of the channel. As the concrete rises in area, the bottom of the pipe shall be kept continuously below the surface of the concrete in order that the concrete will not come in contact with the water. The Contractor shall familiarize himself and comply with requirements set forth in the Construction Manual, Section 503, published by the Illinois Department of Transportation.

Method of Measurement. The lean concrete fill will be measured prior to placement. There are voids in the existing North Pier crib wall facing, and it should be expected that concrete will be forced into the voids as the concrete is placed between the sheetpile and the crib. The Contractor shall monitor concrete placement and add additional concrete as necessary to provide the final grade as shown on the Drawings.

The Contractor shall provide a storage vessel of known volume that shall be used for concrete placement operations. The volume placed will be equal to the number of vessel volumes placed, rounded to the nearest 0.5 cubic yards or 1/10th the volume of the vessel, whichever is less. Engineer and Contractor shall agree on method of measurement and vessel volume prior to concrete placement.

Basis of Payment. The lean concrete fill will be paid for at the contract unit price per cubic yard for LEAN CONCRETE FILL, measured in place and accepted.

SEEPAGE CONTROL GROUT HOLES

Description. This work shall consist of coring 3-inch or larger diameter holes along the lean concrete fill/concrete interface at the northeast corner of the Chicago River entrance channel. The holes shall extend to the bottom of the lean concrete fill that was placed behind the newly driven sheet pile. After drilling, the holes shall be filled with a cement-bentonite grout to provide a seal between the two surfaces. The purpose of the seal is to minimize the potential for seepage along the interface.

Materials. The grout seal shall be a cement-bentonite mixture containing 6:1 portions of Type III Portland Cement and sodium bentonite powders on a dry weight basis. The Contractor shall be prepared to utilize an accelerating agent to decrease grout set time. The Engineer will determine the need to accelerate set time based on field conditions.

Placement. The core holes shall be drilled using a diamond impregnated drill bit. Coring shall not be performed until the lean concrete has aged at least 3 days. The core hole shall intersect the joint between the lean concrete and the adjacent concrete structure. Grouting operations shall commence within four hours of completing coring operations.

The grout shall be placed using the tremie method. The grout pipe shall always be located below the grout surface in the hole so that water is always displaced. The grout shall have a minimum slump less than six inches. The Contractor shall continue to place grout until the grout surface maintains flush with the lean concrete surface. This may require subsequent grouting.

Method of Measurement. Grout holes will be measured as each. Two grout holes are planned.

Basis of Payment. The drilling of the core holes and placement of grout shall be paid for at the contract unit price per each for SEEPAGE CONTROL GROUT HOLE, measured in place and accepted.

PRESSURE GROUTING

Description. This work shall consist of internal pressure grouting to fill voids at locations designated on the plans or as directed by the Engineer. Results of the grouting work shall completely fill internal voids and/or cracks in order to prevent water from seeping and/or to stabilize riprap prior to excavation of riprap and driving of new sheet pile.

Contractor Qualifications. The Contractor that will perform this work shall submit written documentation evidencing the firm's and superintendent's experience and expertise. Qualifications for the firm and superintendent shall demonstrate the successful completion of three (3) similar underwater/marine pressure grouting projects within the last five years.

Submittals. Prior to beginning any grouting operations, the Contractor shall submit a detailed procedure plan for performing the work including but not limited to a listing of all materials, equipment, schedule, and a comprehensive quality assurance plan. This plan shall be approved by the Engineer prior to commencing any work. Specifically, the quality assurance plan must include:

1. Provisions for drilling at least two cores through the grouted area between the existing south sheet pile wall of the North Pier and timber crib supporting the utility tunnel, and at least two cores through the grouted area at Location "A" south of the north sheet pile wall of the North Pier to confirm the filling of voids necessary for the stabilization of riprap. The drilling must extend through the riprap and into the clay material present at the river bottom. Core samples shall be removed, logged, saved and visually inspected by the Engineer. The holes must be filled after completing the drilling. All grouting and drilling operations shall be performed with the presence of the Engineer.
2. Provisions for assuring that pressure grouting has stopped water seepage at designated locations.

Submittals-Environmental. The Contractor shall include in his submittals a fully detailed "environmental plan". The Contractor shall comply with all governing Federal, State, and City regulations and by-laws pertaining to the disposal of waste, which he will create during the

course of his activities. The Grouting Contractor shall have on the site a designated area, properly lined, protected, sheltered and prepared for the temporary storage of waste.

The plan shall address, but not be limited to the following issues:

1. Material handling and safety procedures for all components and additives to be used in the mixes. This submittal shall contain all MSDS sheets plus specific information for product storage, the type of shelter or protection against the elements, the type of lining and protection of the lining to contain spills, the type and number of storage bins for waste and empty packaging, and the type of absorbents for particular spills.
2. Handling of oil, gasoline or diesel fuel and grease for his drilling, mixing and pumping equipment.
3. Handling (storage/disposal) of empty regular cement, silica fume, bentonite and any other bags, drums, tanks and containers.
4. Disposal and collection of water collected during all dewatering activities.
5. Disposal and collection of wash water and "left over" grout. The Contractor shall indicate the frequency and locations for the disposal of settling grout-slurries (from cleaning activities) and cured (leftover) grouts.
6. Disposal of drilling mud generated during the installation of casings.
7. Shelter for mixing plant and operators to prevent damage of ingredients (prepared for immediate use) by the elements, as well as to prevent dilution of (inevitable) minor spills around the grout-plant. The Contractor shall also address the type, placement, and protection of the liner underneath the equipment to contain spills.
8. Safe handling of additives on site.
9. The plan shall address neutralization of empty package, disposal (or re-use) of the packaging, installation and protection of liner below storage area, collection of wash-water and mixed products, draining of resident-tubes, pumping equipment etc.

Preparation. Before the grouting operation is started, all defective materials shall be removed and the entire surface shall be thoroughly inspected for points of leakage and indications of voids. Inserts for grouting shall be so located and set that the pressure grout will reach all voids and paths of leakage. All defective exposed joints and cracks in the structure shall be chipped out, and then thoroughly cleaned of all foreign materials by means of high pressure air or water. The joints, cracks and disintegrated areas shall be restored to the original surface with hand pointing.

Grout Holes. In order to completely fill the voids or cavity, the Contractor may be required to drill grout holes in the existing concrete slab. Grout holes shall be drilled at regular intervals, staggered to include approximately 10 square feet of surface area per hole and at such other locations as may be specified or required. Holes shall be 1½ inches diameter and shall be drilled to a depth and spacing as necessary to provide maximum dissemination of the pressure grout throughout the repair areas.

Portland Cement Grout Mixture. The grout seal shall be a cement-bentonite mixture containing 6:1 portions of Type III Portland Cement and sodium bentonite powders on a dry weight basis. The Contractor shall be prepared to utilize an accelerating agent to decrease grout set time. The Engineer will determine the need to accelerate set time based on field conditions.

Grouting Procedures for Portland Cement Grouts. Grout inserts shall be set in drilled holes. The grout shall be pressure induced into the internal voids and cavities to fill them completely and prevent seepage.

Grout shall be applied by pumping with sufficient pressure that will not cause damage to the structure. Grouting shall be started at the lowest row of holes and at the hole nearest the centerline of repair area. If grout appears in adjacent holes at the same elevation, these holes shall be temporarily plugged and grouting continued in the original hole until grout appears at the next adjacent hole at the same elevation or at the next line of holes above the one being grouted. When this condition occurs, grouting of the original hole shall be discontinued and the grout line moved to the last hole at the current elevation at which grout appeared, and the same procedure followed until all holes in the current line have been grouted, at which time grouting shall proceed in a like manner along the next line of holes above, etc., until the entire void or cavity has been completely filled.

During the course of all grouting operations, extreme care shall be given to observing the surrounding ground breaking out of grout, and when such breaking out occurs, the grout line shall be moved to some other part of structure. Grouting may be resumed in the original location after the elapse of 24 hours.

Acceptance Criteria. Once grouting is perceived to be effective, at least two cores shall be made through the grouted area between the existing south sheet pile wall of the North Pier and timber crib supporting the utility tunnel, and at least two cores through the grouted area at Location "A" south of the north sheet pile wall of the North Pier to confirm the filling of voids necessary for the stabilization of riprap. The drilling must extend through the riprap and into the clay material present at the river bottom. Core samples shall be removed, logged, saved and visually inspected by the Engineer. A core recovery of 95 percent and Rock Quality Determination (RQD) of 75 percent shall deem acceptance of the grouting. All grouting, drilling operations, and testing shall be performed with the presence of the Engineer. It is the Contractor's responsibility to develop an effective grouting plan and to perform all required tests that satisfies the performance criteria of this specification. All test results shall be submitted to the Engineer. All core holes shall be completely filled with grout after coring.

Method of Measurement. Pressure Grouting shall be measured for payment in units of bags of cement (94 pounds unit weight per bag) used to complete the work under this item.

Basis of Payment. This work will be paid for at the contract unit price per bag for PRESSURE GROUTING, measured in place and accepted.

SEALING JOINTS IN EXISTING SHEET PILE WALL

Description. This work shall consist of the underwater sealing of existing joints between the existing steel sheet pile sections. The Contractor is advised that an underwater inspection of the wall was performed in 1996 at which time several joints were exhibiting leakage. The leaking joints were noticed as being cleaner (less rust) than the joints that were not leaking. It is the intent of this special provision to seal weld the joints that are currently leaking and as well as those that appear to have had leakage during the 1996 inspection. The approximate locations are shown in the schedule below but are subject to revision by the Engineer based on actual field conditions. The proposed stations will be marked by the Engineer.

1. Seal joints near Station 6+00.
2. Seal joints near Station 7+00.
3. Seal joints near Station 8+00.
4. Seal hole at Station 11+75 with 3/8-inch by 4-inch by 4-inch steel plate (cost of plate incidental).

Sealing of the joints shall be accomplished by underwater welding procedure unless the water level has dropped to a level which currently exposes the affected joints above the water level. Welding of the exposed joints above the water level shall be performed in accordance with Section 505 of the Standard Specifications. Underwater welding shall be performed in accordance with the procedures and provisions contained in the American Welding Society (AWS) D3.6M:1999, or most current version. The Class of weld shall be the minimum required to adequately seal the joint. All welders shall be certified in accordance with the AWS D3.6M:1999, or most current version.

Method of Measurement. This work will be measured for payment in lineal feet of joint requiring seal weld, as directed and accepted by the Engineer. The measurement for welding sealing plate over holes will be made based on the perimeter of the sealing plate, as ordered by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per foot for UNDERWATER JOINT REPAIR, measured in place and accepted.

OBSERVATION WELLS

Description. The purpose of the two (2) observation wells installed west and east of the planned grout plug is to allow measurements of water level and water fluctuations before, during and after the installation of the sheet piling and conducting the grouting program. The contractor may install additional observation wells for his convenience to monitor grout placement and to estimate grout flow location and volume. All observation wells shall be sealed at the completion of grouting operations unless otherwise directed by the Engineer.

Materials. Observation wells shall be of 2-inch diameter PVC Schedule 40 flush-threaded pipe with 0.010-inch slotted well screen (factory slotted) and threaded top cap and bottom plug. Installation shall be finished with a flush-mounted steel protective cover. Protective cover shall be 7-inch diameter (minimum size) rim with 10-inch long steel skirt. Steel cover to be bolted to rim for security.

Installation. The observation wells shall be installed a minimum of two weeks prior to beginning any leakage control work. Concrete sidewalk to be cored with an 8-inch diameter (minimum) bit for the depth of the sidewalk. Underlying soil to be drilled to a minimum 2 feet below groundwater surface using hollow-stem augers or other method that will allow observation well to be installed in an open hole. After removal of augers, the underlying soil can be allowed to cave against the observation well. Any remaining void is to be filled with silica sand or pea gravel to allow protective cover installation. Flush-mount protective cover to be installed flush with the sidewalk surface with the annulus between the cover skirt and sidewalk filled with fast-set concrete mix. The elevation of the top-of-casing for both observation wells shall be surveyed so that elevations can be determined from water level measurements.

Additionally, staff gauges shall be installed on both the Lake Michigan and Chicago River sides of North Pier in a convenient location near the observation wells. The staff gauges shall be installed at least two weeks prior to any leakage control work on the site. The staff gauges shall be constructed of a four-inch diameter PVC or steel pipe with the top-of-pipe within six-inches of the top-of-sheet pile and the bottom of pipe located at least four feet below the water surface. The staff gauges shall be located in readily accessible areas so that water levels can be easily obtained. The elevations of the top-of-gauge (pipe) shall also be surveyed so that elevations of water surface can be determined. Water level measurements shall be obtained in each observation well and staff gauge once per week and as required by the Engineer. Water levels shall be recorded to the nearest 0.01 foot by use of a water level indicator. Water levels shall be converted to elevations, tabulated, and submitted to the Engineer on a weekly basis for the duration of the project.

Submittals. Submit elevation of top of casing for observation wells and staff gauges. Submit tabulation of weekly water level measurements and elevations to Engineer on a weekly basis.

Method of Measurement. Observation Wells shall be measured for payment as a lump sum.

Basis of Payment. This work will be paid for at the contract lump sum price for OBSERVATION WELLS installed in place and accepted, which price shall be payment in full for all coring, drilling, prep work, materials, equipment and labor necessary to complete the work, and the surveying and weekly water level measurements.

PRESSURE GROUTING (PROVISIONAL)

Description. The primary intent of the grouting operation is to create an impermeable grouted soil and rock rubble mass to reduce leakage from Lake Michigan to the Chicago River. The grouting program is intended to effectively grout a 6-foot minimum length (horizontal dimension) vertical plug between the north and south sheet pile walls for the North Pier. It is anticipated that the crib wall is 30± feet wide by 25 feet deep and contains various rubble fill and timbers. The grouted zone is to extend at least two feet below the crib (terminate in natural clay soil) and horizontally to the sheetpile located on both the north and south sides of the North Pier.

Prior to beginning any pressure grouting, observation wells west and east of the planned grout plug shall be installed. The observation wells (2 total) will be used to determine the effectiveness of the grout plug and when the grouting contractor has satisfied the performance specifications.

Actual pressure grouting shall commence after receiving authorization from the Engineer. The grout plug shall consist of numerous grout holes with overlapping grout zones. The drilling and grouting program is required to reduce water infiltration rate and water flow through layers of highly permeable brick rubble, crushed stone, coarse gravel and other fill materials within the existing crib wall. This grouting shall not be performed until after all sheet pile has been installed and the lean concrete fill placed. It is anticipated that this prior work will greatly reduce seepage through the rock-filled crib. The grouting will be performed as directed by the Engineer, to reduce or eliminate any residual seepage. Should the prior work reduce seepage to an acceptable rate, the Pressure Grouting (Provisional) will not be necessary.

The Contractor shall verify the effectiveness of the grouting operation by coring through the grout plug to confirm that all voids were filled. Coring shall be performed at four locations selected by the Engineer and shall extend vertically from the North Pier surface and into the underlying clay soil. Core lengths may vary, and could be over 30 feet long. Coring shall be performed using a HQ-size core barrel and the completed corehole shall be grouted upon completion using cement grout.

Should the grout plug be discontinuous, and where obvious seepage paths still exist, the Contractor shall repeat grouting operations until satisfactory results are obtained.

The Grouting Contractor shall submit his methodology and locations for drilling along with the proposed procedure for grouting. This plan shall include drilling and grouting as well as a section on the specific details for addressing and dealing with environmental issues. Included shall be a plot plan showing primary and secondary grout holes, a grout mix design, and procedures that will be followed to:

1. Avoid utilities,
2. Access the work location without any construction loads transferred to the utility tunnel (Contractor to identify loads placed on tunnel during grouting operations),
3. Method for grouting below the utility tunnel
4. Assure that the grouting program achieves the desired result, i.e., an impermeable plug in the North Pier.

Qualifications of Grouting Contractor. The Grouting Contractor must possess the qualifications stated in Pressure Grouting section of these Special Provisions.

Submittals. Submittals shall be made in accordance with the requirements stated in the Pressure Grouting section of these Special Provisions.

Acceptance Criteria. The grouting program will be accepted once the following two conditions are verified.

1. The water level in the observation well installed west of the grout plug stabilizes within 0.1 feet of the water level in the adjacent entrance channel.
2. The cores obtained from the four corehole locations have a rock quality determination (RQD) and recovery of 99% or more, or as approved by the Engineer.

It is the Contractor's responsibility to develop an effective grouting plan and to perform all required tests that satisfies the performance criteria of this specification. All test results shall be submitted to the Engineer.

Drilling. Prior to commencing drilling operations, it shall be the Contractor's responsibility to locate all utilities. Borehole locations shall be selected by the Contractor to assure complete grout coverage within the 6-foot-wide zone to be sealed.

Grouting. The goal of this program is to achieve a grouted mass that substantially reduces or eliminates water infiltration from Lake Michigan to the Chicago River via the material between the north and south sheet pile walls of the North Pier. It is the responsibility of the Contractor to select the grout mix and placement procedures to assure the desired results.

The Contractor's submittals shall include his grouting plan specifying (but not limited to) his methodology and schedule, grout formulations, equipment, mixing time, monitoring and testing program, quality control and effective grouting pressures for the various phases of grouting. The plan shall be designed to obtain the results stated herein without lifting, deforming/displacing or causing settlement to the surrounding surfaces and site features. Specifically, grout pressures shall not cause any damage to the North Pier utility tunnel floor slab system or to the existing North Pier sheet pile system.

Method of Measurement. The pressure grouting work shall be considered complete when the acceptance criteria are satisfied. Pressure Grouting shall be measured for payment in units of bags of cement (94 pounds unit weight per bag) used to complete the work under this item. For the purposes of establishing an estimated quantity, the grouted block was estimated to comprise a block with dimension of six feet long by 30 feet wide by 25 feet deep. The block was assumed to contain 20% voids. The estimated yield per bag of cement is two cubic feet.

Basis of Payment. This work will be paid for at the contract unit price per bag for PRESSURE GROUTING, measured in place and accepted.

ELECTRIC SERVICE RELOCATION

Description. This work shall consist of furnishing all materials, equipment and labor necessary for relocating the existing underground electric service in kind at location A as shown in the plans and as directed by the Engineer.

Materials. All materials shall conform to the applicable requirements of Division 1000 of the Standard Specifications for Road and Bridge Construction of the Illinois Department of Transportation.

Conduit and Fittings Conduits and fittings shall be PVC coated galvanized steel in accordance with the requirements of Section 1088 of the Standard Specifications. Conduit shall be installed in accordance with the requirements of Section 810 of the Standard Specifications.

Cable. All power and control cable shall be type RHH/RHW insulated copper, rated at 600 volts in accordance with Articles 1066.02 and 1066.03 of the Standard Specifications. Minimum conductor size of No. 12 AWG or match exist wire size, whichever is larger. Cable shall be installed in accordance with the requirements of Section 817 of the Standard Specifications. All electric cables installed shall be color-coded in accordance with Article 1066.02 of the Standard Specifications.

All electric cables shall be tagged or otherwise marked for ease of identification using plastic-coated cable markers of the wrap-around self-adhesive type, with factory-printed numbers, letters and symbols to identify all conductors.

Method of Measurement. Electric service relocation will not be measured for payment, but shall be paid for as a lump sum.

Basis of Payment. Electric service relocation will be paid for at the contract lump sum price for ELECTRIC SERVICE RELOCATION.

REMOVE AND REPLACE EXISTING MODULAR BLOCK WALL

Description. This work shall consist of furnishing all materials, equipment and labor necessary for removing, storing and replacing part of the existing modular block wall as necessary to allow construction at location A. The wall and footing shall be rebuilt to match the construction of the existing wall and footing both above and below the ground surface. Appropriate care shall be taken to insure that the blocks are not damaged. If any blocks are damaged because of the work, they shall be replaced with matching blocks at no additional cost to the State.

Method of Measurement. Modular block wall removal and replacement will not be measured for payment, but shall be paid for as a lump sum.

Basis of Payment. Modular block wall removal and replacement will be paid for at the contract lump sum price for REMOVE AND REPLACE EXISTING MODULAR BLOCK WALL.

**APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS
INSIDE ILLINOIS STATE BORDERS (BDE)**

Effective: November 1, 2008

Revise the title of Article 107.22 of the Standard Specifications to read:

“107.22 Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas Inside Illinois State Borders.”

Add the following sentence to the end of the first paragraph of Article 107.22 of the Standard Specifications:

“Proposed borrow areas, use areas, and/or waste areas outside of Illinois shall comply with Article 107.01.”

80207

CEMENT (BDE)

Effective: January 1, 2007

Revised: April 1, 2009

Revise Section 1001 of the Standard Specifications to read:

“SECTION 1001. CEMENT

1001.01 Cement Types. Cement shall be according to the following.

- (a) Portland Cement. Acceptance of portland cement shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”.

Portland cement shall be according to ASTM C 150, and shall meet the standard physical and chemical requirements. Type I or Type II may be used for cast-in-place, precast, and precast prestressed concrete. Type III may be used according to Article 1020.04, or when approved by the Engineer. All other cements referenced in ASTM C 150 may be used when approved by the Engineer.

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. The total of all inorganic processing additions shall be a maximum of 4.0 percent by weight (mass) of the cement. However, a cement kiln dust inorganic processing addition shall be limited to a maximum of 1.0 percent. Organic processing additions shall be limited to grinding aids that improve the flowability of cement, reduce pack set, and improve grinding efficiency. Inorganic processing additions shall be limited to granulated blast-furnace slag according to the chemical requirements of AASHTO M 302, Class C fly ash according to the chemical requirements of AASHTO M 295, and cement kiln dust.

- (b) Portland-Pozzolan Cement. Acceptance of portland-pozzolan cement shall be according to the current Bureau of Materials and Physical Research’s Policy Memorandum, “Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants”.

Portland-pozzolan cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IP may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The pozzolan constituent for Type IP shall be a maximum of 21 percent of the weight (mass) of the portland-pozzolan cement.

For cast-in-place construction, portland-pozzolan cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-

reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

- (c) Portland Blast-Furnace Slag Cement. Acceptance of portland blast-furnace slag cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland blast-furnace slag cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IS portland blast-furnace slag cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The blast-furnace slag constituent for Type IS shall be a maximum of 25 percent of the weight (mass) of the portland blast-furnace slag cement.

For cast-in-place construction, portland blast-furnace slag cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

- (d) Rapid Hardening Cement. Rapid hardening cement shall be used according to Article 1020.04 or when approved by the Engineer. The cement shall be on the Department's current "Approved List of Packaged, Dry, Rapid Hardening Cementitious Materials for Concrete Repairs", and shall be according to the following.

(1) The cement shall have a maximum final set of 25 minutes, according to Illinois Modified ASTM C 191.

(2) The cement shall have a minimum compressive strength of 2000 psi (13,800 kPa) at 3.0 hours, 3200 psi (22,100 kPa) at 6.0 hours, and 4000 psi (27,600 kPa) at 24.0 hours, according to Illinois Modified ASTM C 109.

(3) The cement shall have a maximum drying shrinkage of 0.050 percent at seven days, according to Illinois Modified ASTM C 596.

(4) The cement shall have a maximum expansion of 0.020 percent at 14 days, according to Illinois Modified ASTM C 1038.

(5) The cement shall have a minimum 80 percent relative dynamic modulus of elasticity; and shall not have a weight (mass) gain in excess of 0.15 percent or a weight (mass) loss in excess of 1.0 percent, after 100 cycles, according to AASHTO T 161, Procedure B.

(e) Calcium Aluminate Cement. Calcium aluminate cement shall be used only where specified by the Engineer. The cement shall meet the standard physical requirements for Type I cement according to ASTM C 150, except the time of setting shall not apply. The chemical requirements shall be determined according to ASTM C 114 and shall be as follows: minimum 38 percent aluminum oxide (Al_2O_3), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide (SO_3), maximum 1 percent loss on ignition, and maximum 3.5 percent insoluble residue.

1001.02 Uniformity of Color. Cement contained in single loads or in shipments of several loads to the same project shall not have visible differences in color.

1001.03 Mixing Brands and Types. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall not be mixed or used alternately in the same item of construction unless approved by the Engineer.

1001.04 Storage. Cement shall be stored and protected against damage, such as dampness which may cause partial set or hardened lumps. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall be kept separate.”

80166

CONCRETE ADMIXTURES (BDE)

Effective: January 1, 2003

Revised: April 1, 2009

Replace the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

“(b) Admixtures. The use of admixtures to increase the workability or to accelerate the hardening of the concrete will be permitted when approved by the Engineer. Admixture dosages shall result in the mixture meeting the specified plastic and hardened properties. The Department will maintain an Approved List of Corrosion Inhibitors. Corrosion inhibitor dosage rates shall be according to Article 1020.05(b)(12). The Department will also maintain an Approved List of Concrete Admixtures, and an admixture technical representative shall be consulted when determining an admixture dosage from this list. The dosage shall be within the range indicated on the approved list unless the influence by other admixtures, jobsite conditions (such as a very short haul time), or other circumstances warrant a dosage outside the range. The Engineer shall be notified when a dosage is proposed outside the range. To determine an admixture dosage, air temperature, concrete temperature, cement source and quantity, finely divided mineral sources(s) and quantity, influence of other admixtures, haul time, placement conditions, and other factors as appropriate shall be considered. The Engineer may request the Contractor to have a batch of concrete mixed in the lab or field to verify the admixture dosage is correct. An admixture dosage or combination of admixture dosages shall not delay the initial set of concrete by more than one hour. When a retarding admixture is required or appropriate for a bridge deck or bridge deck overlayer pour, the initial set time shall be delayed until the deflections due to the concrete dead load are no longer a concern for inducing cracks in the completed work. However, a retarding admixture shall not be used to further extend the pour time and justify the alteration of a bridge deck pour sequence.

When determining water in admixtures for water/cement ratio, the Contractor shall calculate 70 percent of the admixture dosage as water, except a value of 50 percent shall be used for a latex admixture used in bridge deck latex concrete overlays.”

Revise Section 1021 of the Standard Specifications to read:

“SECTION 1021. CONCRETE ADMIXTURES

1021.01 General. Admixtures shall be furnished in liquid form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer and trade name of the material. Containers shall be readily identifiable as to manufacturer and trade name of the material they contain.

Corrosion inhibitors will be maintained on the Department's Approved List of Corrosion Inhibitors. All other concrete admixture products will be maintained on the Department's

Approved List of Concrete Admixtures. For the admixture submittal, a report prepared by an independent laboratory accredited by the AASHTO Materials Reference Laboratory (AMRL) for Portland Cement Concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, for corrosion inhibitors the ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent lab. All other information in ASTM C 1582 shall be from an independent lab.

Tests shall be conducted using materials and methods specified on a "test" concrete and a "reference" concrete, together with a certification that no changes have been made in the formulation of the material since the performance of the tests. Per the manufacturer's option, the cement content for all required tests shall either be according to applicable specifications or 5.65 cwt/cu yd (335 kg/cu m). Compressive strength test results for six months and one year will not be required.

Prior to the approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to AASHTO T 161, Procedure B. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The test and reference concrete mixture shall contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

The manufacturer shall include in the submittal the following admixture information: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and the manufacturing range for pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range shall be established by the manufacturer and the test method shall be according to ASTM C 494. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to ASTM C 260.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, and 1021.07, the pH allowable manufacturing range shall be established by the manufacturer and the test method shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to ASTM C 494.

When test results are more than seven years old, the manufacturer shall re-submit the infrared spectrophotometer trace and the report prepared by an independent laboratory accredited by AASHTO.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass).

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material.

1021.02 Air-Entraining Admixtures. Air-entraining admixtures shall be according to AASHTO M 154.

1021.03 Retarding and Water-Reducing Admixtures. The admixture shall be according to the following.

- (a) The retarding admixture shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).
- (b) The water-reducing admixture shall be according to AASHTO M 194, Type A.
- (c) The high range water-reducing admixture shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding).

1021.04 Accelerating Admixtures. The admixture shall be according to AASHTO M 194, Type C (accelerating) or Type E (water reducing and accelerating).

1021.05 Self-Consolidating Admixtures. The self-consolidating admixture system shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete mixture that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

The high range water-reducing admixture shall be according to AASHTO M 194, Type F.

The viscosity modifying admixture shall be according to ASTM C 494, Type S (specific performance).

1021.06 Rheology-Controlling Admixture. The rheology-controlling admixture shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. The rheology-controlling admixture shall be according to ASTM C 494, Type S (specific performance).

1021.07 Corrosion Inhibitor. The corrosion inhibitor shall be according to one of the following.

- (a) Calcium Nitrite. The corrosion inhibitor shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution, and shall comply with the requirements of AASHTO M 194, Type C (accelerating).
- (b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.”

80094

CONSTRUCTION AIR QUALITY - DIESEL VEHICLE EMISSIONS CONTROL (BDE)

Effective: April 1, 2009

Revised: July 1, 2009

Diesel Vehicle Emissions Control. The reduction of construction air emissions shall be accomplished by using cleaner burning diesel fuel. The term "equipment" refers to any and all diesel fuel powered devices rated at 50 hp and above, to be used on the project site in excess of seven calendar days over the course of the construction period on the project site (including any "rental" equipment).

All equipment on the jobsite, with engine ratings of 50 hp and above, shall be required to: use Ultra Low Sulfur Diesel fuel (ULSD) exclusively (15 ppm sulfur content or less).

Diesel powered equipment in non-compliance will not be allowed to be used on the project site, and is also subject to a notice of non-compliance as outlined below.

The Contractor shall submit copies of monthly summary reports and include certified copies of the ULSD diesel fuel delivery slips for diesel fuel delivered to the jobsite for the reporting time period, noting the quantity of diesel fuel used.

If any diesel powered equipment is found to be in non-compliance with any portion of this specification, the Engineer will issue the Contractor a notice of non-compliance and identify an appropriate period of time, as outlined below under environmental deficiency deduction, in which to bring the equipment into compliance or remove it from the project site.

Any costs associated with bringing any diesel powered equipment into compliance with these diesel vehicle emissions controls shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall also not be grounds for a claim.

Environmental Deficiency Deduction. When the Engineer is notified, or determines that an environmental control deficiency exists, he/she will notify the Contractor in writing, and direct the Contractor to correct the deficiency within a specified time period. The specified time-period, which begins upon Contractor notification, will be from 1/2 hour to 24 hours long, based on the urgency of the situation and the nature of the deficiency. The Engineer shall be the sole judge regarding the time period.

The deficiency will be based on lack of repair, maintenance and diesel vehicle emissions control.

If the Contractor fails to correct the deficiency within the specified time frame, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end

with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

If a Contractor or subcontractor accumulates three environmental deficiency deductions in a contract period, the Contractor will be shutdown until the deficiency is corrected. Such a shutdown will not be grounds for any extension of contract time, waiver of penalties, or be grounds for any claim.

80237

CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE)

Effective: April 1, 2009

Idling Restrictions. The Contractor shall establish truck-staging areas for all diesel powered vehicles that are waiting to load or unload material at the jobsite. Staging areas shall be located where the diesel emissions from the equipment will have a minimum impact on adjacent sensitive receptors. The Department will review the selection of staging areas, whether within or outside the existing highway right-of-way, to avoid locations near sensitive areas or populations to the extent possible. Sensitive receptors include, but are not limited to, hospitals, schools, residences, motels, hotels, daycare facilities, elderly housing and convalescent facilities. Diesel powered engines shall also be located as far away as possible from fresh air intakes, air conditioners, and windows. The Engineer will approve staging areas before implementation.

Diesel powered vehicle operators may not cause or allow the motor vehicle, when it is not in motion, to idle for more than a total of 10 minutes within any 60 minute period, except under any of the following circumstances:

- 1) The motor vehicle has a gross vehicle weight rating of less than 8000 lb (3630 kg).
- 2) The motor vehicle idles while forced to remain motionless because of on-highway traffic, an official traffic control device or signal, or at the direction of a law enforcement official.
- 3) The motor vehicle idles when operating defrosters, heaters, air conditioners, or other equipment solely to prevent a safety or health emergency.
- 4) A police, fire, ambulance, public safety, other emergency or law enforcement motor vehicle, or any motor vehicle used in an emergency capacity, idles while in an emergency or training mode and not for the convenience of the vehicle operator.
- 5) The primary propulsion engine idles for maintenance, servicing, repairing, or diagnostic purposes if idling is necessary for such activity.
- 6) A motor vehicle idles as part of a government inspection to verify that all equipment is in good working order, provided idling is required as part of the inspection.
- 7) When idling of the motor vehicle is required to operate auxiliary equipment to accomplish the intended use of the vehicle (such as loading, unloading, mixing, or processing cargo; controlling cargo temperature; construction operations, lumbering operations; oil or gas well servicing; or farming operations), provided that this exemption does not apply when the vehicle is idling solely for cabin comfort or to operate non-essential equipment such as air conditioning, heating, microwave ovens, or televisions.
- 8) When the motor vehicle idles due to mechanical difficulties over which the operator has no control.
- 9) The outdoor temperature is less than 32 °F (0 °C) or greater than 80 °F (26 °C).

When the outdoor temperature is greater than or equal to 32 °F (0 °C) or less than or equal to 80 °F (26 °C), a person who operates a motor vehicle operating on diesel fuel shall not cause or allow the motor vehicle to idle for a period greater than 30 minutes in any 60 minute period while waiting to weigh, load, or unload cargo or freight, unless the vehicle is in a line of vehicles that regularly and periodically moves forward.

The above requirements do not prohibit the operation of an auxiliary power unit or generator set as an alternative to idling the main engine of a motor vehicle operating on diesel fuel.

Environmental Deficiency Deduction. When the Engineer is notified, or determines that an environmental control deficiency exists based on non-compliance with the idling restrictions, he/she will notify the Contractor, and direct the Contractor to correct the deficiency.

If the Contractor fails to correct the deficiency a monetary deduction will be imposed. The monetary deduction will be \$1,000.00 for each deficiency identified.

80239

EQUIPMENT RENTAL RATES (BDE)

Effective: August 2, 2007

Revised: January 2, 2008

Replace the second and third paragraphs of Article 105.07(b)(4)a. of the Standard Specifications with the following:

“Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).”

Replace Article 109.04(b)(4) of the Standard Specifications with the following:

“(4) Equipment. Equipment used for extra work shall be authorized by the Engineer. The equipment shall be specifically described, be of suitable size and capacity for the work to be performed, and be in good operating condition. For such equipment, the Contractor will be paid as follows.

- a. Contractor Owned Equipment. Contractor owned equipment will be paid for by the hour using the applicable FHWA hourly rate from the “Equipment Watch Rental Rate Blue Book” (Blue Book) in effect when the force account work begins. The FHWA hourly rate is calculated as follows.

FHWA hourly rate = (monthly rate/176) x (model year adj.) x (Illinois adj.) + EOC

Where: EOC = Estimated Operating Costs per hour (from the Blue Book)

The time allowed will be the actual time the equipment is operating on the extra work. For the time required to move the equipment to and from the site of the extra work and any authorized idle (standby) time, payment will be made at the following hourly rate: 0.5 x (FHWA hourly rate - EOC).

All time allowed shall fall within the working hours authorized for the extra work.

The rates above include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, overhaul and maintenance of any kind, depreciation, storage, overhead, profits, insurance, and all incidentals. The rates do not include labor.

The Contractor shall submit to the Engineer sufficient information for each piece of equipment and its attachments to enable the Engineer to determine the proper equipment category. If a rate is not established in the Blue Book for a particular piece of equipment, the Engineer will establish a rate for that piece of equipment that is consistent with its cost and use in the industry.

- b. Rented Equipment. Whenever it is necessary for the Contractor to rent equipment to perform extra work, the rental and transportation costs of the equipment plus five percent for overhead will be paid. In no case shall the rental rates exceed those of established distributors or equipment rental agencies.

All prices shall be agreed to in writing before the equipment is used.”

80189

LIQUIDATED DAMAGES (BDE)

Effective: April 1, 2009

Revise the table in Article 108.09 of the Standard Specifications to read:

"Schedule of Deductions for Each Day of Overrun in Contract Time			
Original Contract Amount		Daily Charges	
From More Than	To and Including	Calendar Day	Work Day
\$ 0	\$ 100,000	\$ 375	\$ 500
100,000	500,000	625	875
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,125	1,550
3,000,000	5,000,000	1,425	1,950
5,000,000	10,000,000	1,700	2,350
10,000,000	And over	3,325	4,650"

80230

METAL HARDWARE CAST INTO CONCRETE (BDE)

Effective: April 1, 2008

Revised: April 1, 2009

Add the following to Article 503.02 of the Standard Specifications:

“(g) Metal Hardware Cast into Concrete 1006.13”

Add the following to Article 504.02 of the Standard Specifications:

“(j) Metal Hardware Cast into Concrete 1006.13”

Revise Article 1006.13 of the Standard Specifications to read:

“**1006.13 Metal Hardware Cast into Concrete.** Unless otherwise noted, all steel hardware cast into concrete, such as inserts, brackets, cable clamps, metal casings for formed holes, and other miscellaneous items, shall be galvanized according to AASHTO M 232 or AASHTO M 111. Aluminum inserts will not be allowed. Zinc alloy inserts shall be according to ASTM B 86, Alloys 3, 5, or 7.

The inserts shall be UNC threaded type anchorages having the following minimum certified proof load.

Insert Diameter	Proof Load
5/8 in. (16 mm)	6600 lb (29.4 kN)
3/4 in. (19 mm)	6600 lb (29.4 kN)
1 in. (25 mm)	9240 lb (41.1 kN)”

80203

PAYMENTS TO SUBCONTRACTORS (BDE)

Effective: June 1, 2000

Revised: January 1, 2006

Federal regulations found at 49 CFR §26.29 mandate the Department to establish a contract clause to require Contractors to pay subcontractors for satisfactory performance of their subcontracts and to set the time for such payments.

State law also addresses the timing of payments to be made to subcontractors and material suppliers. Section 7 of the Prompt Payment Act, 30 ILCS 540/7, requires that when a Contractor receives any payment from the Department, the Contractor shall make corresponding, proportional payments to each subcontractor and material supplier performing work or supplying material within 15 calendar days after receipt of the Department payment. Section 7 of the Act further provides that interest in the amount of two percent per month, in addition to the payment due, shall be paid to any subcontractor or material supplier by the Contractor if the payment required by the Act is withheld or delayed without reasonable cause. The Act also provides that the time for payment required and the calculation of any interest due applies to transactions between subcontractors and lower-tier subcontractors and material suppliers throughout the contracting chain.

This Special Provision establishes the required federal contract clause, and adopts the 15 calendar day requirement of the State Prompt Payment Act for purposes of compliance with the federal regulation regarding payments to subcontractors. This contract is subject to the following payment obligations.

When progress payments are made to the Contractor according to Article 109.07 of the Standard Specifications, the Contractor shall make a corresponding payment to each subcontractor and material supplier in proportion to the work satisfactorily completed by each subcontractor and for the material supplied to perform any work of the contract. The proportionate amount of partial payment due to each subcontractor and material supplier throughout the contracting chain shall be determined by the quantities measured or otherwise determined as eligible for payment by the Department and included in the progress payment to the Contractor. Subcontractors and material suppliers shall be paid by the Contractor within 15 calendar days after the receipt of payment from the Department. The Contractor shall not hold retainage from the subcontractors. These obligations shall also apply to any payments made by subcontractors and material suppliers to their subcontractors and material suppliers; and to all payments made to lower tier subcontractors and material suppliers throughout the contracting chain. Any payment or portion of a payment subject to this provision may only be withheld from the subcontractor or material supplier to whom it is due for reasonable cause.

This Special Provision does not create any rights in favor of any subcontractor or material supplier against the State or authorize any cause of action against the State on account of any payment, nonpayment, delayed payment, or interest claimed by application of the State Prompt Payment Act. The Department will not approve any delay or postponement of the 15 day requirement except for reasonable cause shown after notice and hearing pursuant to Section

| 7(b) of the State Prompt Payment Act. State law creates other and additional remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly performed or material furnished. These remedies are a lien against public funds set forth in Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c), and a recovery on the Contractor's payment bond according to the Public Construction Bond Act, 30 ILCS 550.

80022

REINFORCEMENT BARS - STORAGE AND PROTECTION (BDE)

Effective: August 1, 2008

Revised: April 1, 2009

Revise Article 508.03 of the Standard Specifications to read:

508.03 Storage and Protection. Reinforcement bars shall be stored off the ground using platforms, skids, or other supports; and shall be protected from mechanical injury and from deterioration by exposure. Epoxy coated bars shall be stored on wooden or padded steel cribbing and all systems for handling shall have padded contact areas. The bars or bundles shall not be dragged or dropped.

When epoxy coated bars are stored in a manner where they will be exposed to the weather more than 60 days prior to use, they shall be protected from deterioration such as that caused by sunlight, salt spray, and weather exposure. The protection shall consist of covering with opaque polyethylene sheeting or other suitable opaque material. The covering shall be secured and allow for air circulation around the bars to minimize condensation under the cover.

Covering of the epoxy coated bars will not be required when the bars are installed and tied, or when they are partially incorporated into the concrete.”

80206

STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)

Effective: April 2, 2004

Revised: April 1, 2009

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Department, for fluctuations in steel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

- Metal Piling (excluding temporary sheet piling)
- Structural Steel
- Reinforcing Steel

Other steel materials such as dowel bars, tie bars, mesh reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), and frames and grates will be subject to a steel cost adjustment when the pay items they are used in has a contract value of \$10,000 or greater.

Documentation. Sufficient documentation shall be furnished to the Engineer to verify the following:

- (a) The dates and quantity of steel, in lb (kg), shipped from the mill to the fabricator.
- (b) The quantity of steel, in lb (kg), incorporated into the various items of work covered by this special provision. The Department reserves the right to verify submitted quantities.

Method of Adjustment. Steel cost adjustments will be computed as follows:

$$SCA = Q \times D$$

Where: SCA = steel cost adjustment, in dollars
Q = quantity of steel incorporated into the work, in lb (kg)
D = price factor, in dollars per lb (kg)

$$D = MPI_M - MPI_L$$

Where: MPI_M = The Materials Cost Index for steel as published by the Engineering News-Record for the month the steel is shipped from the mill. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

$MPI_L =$ The Materials Cost Index for steel as published by the Engineering News-Record for the month prior to the letting. The indices will be converted from dollars per 100 lb to dollars per lb (kg).

The unit weights (masses) of steel that will be used to calculate the steel cost adjustment for the various items are shown in the attached table.

No steel cost adjustment will be made for any products manufactured from steel having a mill shipping date prior to the letting date.

If the Contractor fails to provide the required documentation, the method of adjustment will be calculated as described above; however, the MPI_M will be based on the date the steel arrives at the job site. In this case, an adjustment will only be made when there is a decrease in steel costs.

Basis of Payment. Steel cost adjustments may be positive or negative but will only be made when there is a difference between the MPI_L and MPI_M in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(MPI_L - MPI_M) \div MPI_L\} \times 100$$

Steel cost adjustments will be calculated by the Engineer and will be paid or deducted when all other contract requirements for the items of work are satisfied. Adjustments will only be made for fluctuations in the cost of the steel as described herein. No adjustment will be made for changes in the cost of manufacturing, fabrication, shipping, storage, etc.

The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Attachment

Item	Unit Mass (Weight)
Metal Piling (excluding temporary sheet piling)	
Furnishing Metal Pile Shells 12 in. (305 mm), 0.179 in. (3.80 mm) wall thickness)	23 lb/ft (34 kg/m)
Furnishing Metal Pile Shells 12 in. (305 mm), 0.250 in. (6.35 mm) wall thickness)	32 lb/ft (48 kg/m)
Furnishing Metal Pile Shells 14 in. (356 mm), 0.250 in. (6.35 mm) wall thickness)	37 lb/ft (55 kg/m)
Other piling	See plans
Structural Steel	See plans for weights (masses)
Reinforcing Steel	See plans for weights (masses)
Dowel Bars and Tie Bars	6 lb (3 kg) each
Mesh Reinforcement	63 lb/100 sq ft (310 kg/sq m)
Guardrail	
Steel Plate Beam Guardrail, Type A w/steel posts	20 lb/ft (30 kg/m)
Steel Plate Beam Guardrail, Type B w/steel posts	30 lb/ft (45 kg/m)
Steel Plate Beam Guardrail, Types A and B w/wood posts	8 lb/ft (12 kg/m)
Steel Plate Beam Guardrail, Type 2	305 lb (140 kg) each
Steel Plate Beam Guardrail, Type 6	1260 lb (570 kg) each
Traffic Barrier Terminal, Type 1 Special (Tangent)	730 lb (330 kg) each
Traffic Barrier Terminal, Type 1 Special (Flared)	410 lb (185 kg) each
Steel Traffic Signal and Light Poles, Towers and Mast Arms	
Traffic Signal Post	11 lb/ft (16 kg/m)
Light Pole, Tenon Mount and Twin Mount, 30 - 40 ft (9 - 12 m)	14 lb/ft (21 kg/m)
Light Pole, Tenon Mount and Twin Mount, 45 - 55 ft (13.5 - 16.5 m)	21 lb/ft (31 kg/m)
Light Pole w/Mast Arm, 30 - 50 ft (9 - 15.2 m)	13 lb/ft (19 kg/m)
Light Pole w/Mast Arm, 55 - 60 ft (16.5 - 18 m)	19 lb/ft (28 kg/m)
Light Tower w/Luminaire Mount, 80 - 110 ft (24 - 33.5 m)	31 lb/ft (46 kg/m)
Light Tower w/Luminaire Mount, 120 - 140 ft (36.5 - 42.5 m)	65 lb/ft (97 kg/m)
Light Tower w/Luminaire Mount, 150 - 160 ft (45.5 - 48.5 m)	80 lb/ft (119 kg/m)
Metal Railings (excluding wire fence)	
Steel Railing, Type SM	64 lb/ft (95 kg/m)
Steel Railing, Type S-1	39 lb/ft (58 kg/m)
Steel Railing, Type T-1	53 lb/ft (79 kg/m)
Steel Bridge Rail	52 lb/ft (77 kg/m)
Frames and Grates	
Frame	250 lb (115 kg)
Lids and Grates	150 lb (70 kg)

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
STEEL COST ADJUSTMENT**

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following items of work?

- | | | |
|--|-----|--------------------------|
| Metal Piling | Yes | <input type="checkbox"/> |
| Structural Steel | Yes | <input type="checkbox"/> |
| Reinforcing Steel | Yes | <input type="checkbox"/> |
| Dowel Bars, Tie Bars and Mesh Reinforcement | Yes | <input type="checkbox"/> |
| Guardrail | Yes | <input type="checkbox"/> |
| Steel Traffic Signal and Light Poles, Towers and Mast Arms | Yes | <input type="checkbox"/> |
| Metal Railings (excluding wire fence) | Yes | <input type="checkbox"/> |
| Frames and Grates | Yes | <input type="checkbox"/> |

Signature: _____ **Date:** _____

80127

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: April 2, 2005

To account for the preparatory work and operations necessary for the movement of subcontractor personnel, equipment, supplies, and incidentals to the project site and for all other work or operations that must be performed or costs incurred when beginning work approved for subcontracting in accordance with Article 108.01 of the Standard Specifications, the Contractor shall make a mobilization payment to each subcontractor.

This mobilization payment shall be made at least 14 days prior to the subcontractor starting work. The amount paid shall be equal to 3 percent of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor's work.

This provision shall be incorporated directly or by reference into each subcontract approved by the Department.

80143

ILLINOIS DEPARTMENT OF LABOR

**PREVAILING WAGES FOR
COOK COUNTY
EFFECTIVE January 2010**

The Prevailing rates of wages are included in the Contract proposals which are subject to Check Sheet #5 of the Supplemental Specifications and Recurring Special Provisions. The rates have been ascertained and certified by the Illinois Department of Labor for the locality in which the work is to be performed and for each craft or type of work or mechanic needed to execute the work of the Contract. As required by the Prevailing Wage Act (820 ILCS 130/0.01, et seq.) and Check Sheet #5 of the Contract, not less than the rates of wages ascertained by the Illinois Department of Labor and as revised during the performance of a Contract shall be paid to all laborers, workers and mechanics performing work under the Contract. Post the scale of wages in a prominent and easily accessible place at the site of work.

If the Illinois Department of Labor revises the prevailing rates of wages to be paid as listed in the specification of rates, the Contractor shall post the revised rates of wages and shall pay not less than the revised rates of wages. Current wage rate information shall be obtained by visiting the Illinois Department of Labor web site at <http://www.state.il.us/agency/idol/> or by calling 312-793-2814. It is the responsibility of the Contractor to review the rates applicable to the work of the contract at regular intervals in order to insure the timely payment of current rates. Provision of this information to the Contractor by means of the Illinois Department of Labor web site satisfies the notification of revisions by the Department to the Contractor pursuant to the Act, and the Contractor agrees that no additional notice is required. The Contractor shall notify each of its subcontractors of the revised rates of wages.

Cook County Prevailing Wage for January 2010

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	====	====	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		35.200	35.700	1.5	1.5	2.0	9.130	8.370	0.000	0.400
ASBESTOS ABT-MEC		BLD		31.540	0.000	1.5	1.5	2.0	9.670	9.610	0.000	0.520
BOILERMAKER		BLD		43.020	46.890	2.0	2.0	2.0	6.720	9.890	0.000	0.350
BRICK MASON		BLD		39.030	42.930	1.5	1.5	2.0	8.800	10.67	0.000	0.740
CARPENTER		ALL		40.770	42.770	1.5	1.5	2.0	9.840	9.790	0.000	0.490
CEMENT MASON		ALL		41.850	43.850	1.5	1.5	2.0	8.600	9.810	0.000	0.220
CERAMIC TILE FNSHER		BLD		33.600	0.000	2.0	1.5	2.0	6.950	8.020	0.000	0.540
COMM. ELECT.		BLD		36.440	38.940	1.5	1.5	2.0	7.650	7.750	0.000	0.700
ELECTRIC PWR EQMT OP		ALL		39.850	46.430	1.5	1.5	2.0	9.870	12.40	0.000	0.300
ELECTRIC PWR GRNDMAN		ALL		31.080	46.430	1.5	1.5	2.0	7.700	9.680	0.000	0.240
ELECTRIC PWR LINEMAN		ALL		39.850	46.430	1.5	1.5	2.0	9.870	12.40	0.000	0.300
ELECTRICIAN		ALL		40.400	43.000	1.5	1.5	2.0	11.33	9.420	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		44.930	50.550	2.0	2.0	2.0	9.525	8.210	2.700	0.000
FENCE ERECTOR		ALL		30.700	32.200	1.5	1.5	2.0	7.950	8.430	0.000	0.500
GLAZIER		BLD		37.000	38.500	1.5	1.5	2.0	7.340	12.05	0.000	0.740
HT/FROST INSULATOR		BLD		42.050	44.550	1.5	1.5	2.0	9.670	10.81	0.000	0.520
IRON WORKER		ALL		40.750	42.750	2.0	2.0	2.0	11.00	15.99	0.000	0.300
LABORER		ALL		35.200	35.950	1.5	1.5	2.0	9.130	8.370	0.000	0.400
LATHER		ALL		40.770	42.770	1.5	1.5	2.0	9.840	9.790	0.000	0.490
MACHINIST		BLD		42.770	44.770	1.5	1.5	2.0	7.750	8.690	0.650	0.000
MARBLE FINISHERS		ALL		29.100	0.000	1.5	1.5	2.0	8.800	10.67	0.000	0.740
MARBLE MASON		BLD		39.030	42.930	1.5	1.5	2.0	8.800	10.67	0.000	0.740
MATERIAL TESTER I		ALL		25.200	0.000	1.5	1.5	2.0	9.130	8.370	0.000	0.400
MATERIALS TESTER II		ALL		30.200	0.000	1.5	1.5	2.0	9.130	8.370	0.000	0.400
MILLWRIGHT		ALL		40.770	42.770	1.5	1.5	2.0	9.840	9.790	0.000	0.490
OPERATING ENGINEER		BLD	1	45.100	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	2	43.800	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	3	41.250	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	4	39.500	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	5	48.850	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	6	46.100	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		BLD	7	48.100	49.100	2.0	2.0	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT	1	49.800	49.800	1.5	1.5	2.0	10.35	7.050	1.900	1.000
OPERATING ENGINEER		FLT	2	48.300	49.800	1.5	1.5	2.0	10.35	7.050	1.900	1.000
OPERATING ENGINEER		FLT	3	43.000	49.800	1.5	1.5	2.0	10.35	7.050	1.900	1.000
OPERATING ENGINEER		FLT	4	35.750	49.800	1.5	1.5	2.0	10.35	7.050	1.900	1.000
OPERATING ENGINEER		HWY	1	43.300	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	2	42.750	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	3	40.700	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	4	39.300	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	5	38.100	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	6	46.300	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY	7	44.300	47.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
ORNAMNTL IRON WORKER		ALL		40.200	42.450	2.0	2.0	2.0	8.700	14.04	0.000	0.500
PAINTER		ALL		38.000	42.750	1.5	1.5	1.5	8.350	9.400	0.000	0.670
PAINTER SIGNS		BLD		30.820	34.600	1.5	1.5	1.5	2.600	2.470	0.000	0.000
PILEDRIIVER		ALL		40.770	42.770	1.5	1.5	2.0	9.840	9.790	0.000	0.490
PIPEFITTER		BLD		43.150	46.150	1.5	1.5	2.0	7.660	9.550	0.000	1.570
PLASTERER		BLD		38.550	40.860	1.5	1.5	2.0	9.000	9.690	0.000	0.450
PLUMBER		BLD		44.000	46.000	1.5	1.5	2.0	9.860	7.090	0.000	1.030
ROOFER		BLD		37.000	40.000	1.5	1.5	2.0	7.500	6.020	0.000	0.330
SHEETMETAL WORKER		BLD		40.460	43.700	1.5	1.5	2.0	9.580	12.35	0.000	0.610
SIGN HANGER		BLD		28.210	29.060	1.5	1.5	2.0	4.450	2.880	0.000	0.000
SPRINKLER FITTER		BLD		40.500	42.500	1.5	1.5	2.0	8.500	6.850	0.000	0.500
STEEL ERECTOR		ALL		40.750	42.750	2.0	2.0	2.0	10.95	15.99	0.000	0.300
STONE MASON		BLD		39.030	42.930	1.5	1.5	2.0	8.800	10.67	0.000	0.740

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TERRAZZO FINISHER	BLD	35.150	0.000	1.5	1.5	2.0	6.950	10.57	0.000	0.380
TERRAZZO MASON	BLD	39.010	42.010	1.5	1.5	2.0	6.950	11.91	0.000	0.510
TILE MASON	BLD	40.490	44.490	2.0	1.5	2.0	6.950	9.730	0.000	0.610
TRAFFIC SAFETY WRKR	HWY	24.300	25.900	1.5	1.5	2.0	3.780	1.875	0.000	0.000
TRUCK DRIVER	E ALL 1	30.700	31.350	1.5	1.5	2.0	6.750	5.450	0.000	0.150
TRUCK DRIVER	E ALL 2	30.950	31.350	1.5	1.5	2.0	6.750	5.450	0.000	0.150
TRUCK DRIVER	E ALL 3	31.150	31.350	1.5	1.5	2.0	6.750	5.450	0.000	0.150
TRUCK DRIVER	E ALL 4	31.350	31.350	1.5	1.5	2.0	6.750	5.450	0.000	0.150
TRUCK DRIVER	W ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER	BLD	39.200	40.200	1.5	1.5	2.0	7.830	10.25	0.000	0.770

Legend:

M-F>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday.)

OSA (Overtime is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

COOK COUNTY

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial/Decoration Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration such as the day after Thanksgiving for Veterans Day. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone,

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granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes; Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators; Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcats (up to and including $\frac{3}{4}$ cu yd.) .

Class 4. Bobcats and/or other Skid Steer Loaders (other than bobcats up to and including $\frac{3}{4}$ cu yd.); Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall .

Class 7. Mechanics.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dowell Machine with Air Compressor; Dredges; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Backhoes with shear attachments; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Trenching Machine; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; All Locomotives, Dinky; Off-Road Hauling Units (including articulating)/2 ton capacity or more; Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size): Tank Car Heater; Tractors, Push, Pulling Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Fireman on Boilers; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

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Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Hydro- Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Diver/Wet Tender; and Engineer (hydraulic dredge).

Class 2. Crane/Backhoe Operator; 70 Ton or over Tug Operator; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender; Friction and Lattice Boom Cranes.

Class 3. Deck Equipment Operator, Machineryman; Maintenance of Crane (over 50 ton capacity); Tug/Launch Operator; Loader/Dozer and like equipment on Barge; and Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks (2 ton capacity or more); Deck Hand, Tug Engineer, Crane Maintenance 50 Ton Capacity and Under or Backhoe Weighing 115,000 pounds or less; and Assistant Tug Operator.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; TEamsters Unskilled dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or

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similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.