



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 1, 2012

SUBJECT: FAP Route 870(IL 53)
Project ACBRF-0870(014)
Section 534R-B
DuPage County
Contract No. 60M83
Item No. 55, November 9, 2012 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices.
2. Revised the Table of Contents to the Special Provisions.
3. Revised page 41 of the Special Provisions.
4. Added pages 210-216 to the Special Provisions.
5. Revised sheets 3, 5, 31 & 37 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John Baranzelli,
Acting Engineer of Design and Environment

A handwritten signature in black ink, appearing to read "Ted B. Walschleger" followed by a small "P.E." to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Mike Renner; D.Carl Puzey;
Estimates

dr

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2002016	T-AESCULUS GLA 2	EACH	12.000				
X0324719	CHECK VALVE 18	EACH	1.000				
X2502014	SEEDING CL 4A MOD	ACRE	0.500				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7030030	WET REF TEM TAPE T3 4	FOOT	7,831.000				
X7030055	WET REF TEM TPE T3 24	FOOT	52.000				
Z0004552	APPROACH SLAB REM	SQ YD	352.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0028462	GEOTEX RETAIN WALL	SQ FT	115.000				
Z0030250	IMP ATTN TEMP NRD TL3	EACH	2.000				
Z0030350	IMP ATTN REL NRD TL3	EACH	2.000				
Z0030850	TEMP INFO SIGNING	SQ FT	52.000				
Z0038137	3-SIDED PCC STR 28X10	FOOT	83.000				
Z0062456	TEMP PAVEMENT	SQ YD	357.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	444.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				
20100110	TREE REMOV 6-15	UNIT	72.000				
20101000	TEMPORARY FENCE	FOOT	86.000				
20101200	TREE ROOT PRUNING	EACH	5.000				
20101300	TREE PRUN 1-10	EACH	5.000				
20101700	SUPPLE WATERING	UNIT	1.000				
20200100	EARTH EXCAVATION	CU YD	512.000				
20201200	REM & DISP UNS MATL	CU YD	254.000				
20300100	CHANNEL EXCAVATION	CU YD	44.000				
20400800	FURNISHED EXCAVATION	CU YD	62.000				
20700220	POROUS GRAN EMBANK	CU YD	7.000				
20800150	TRENCH BACKFILL	CU YD	27.000				
21101615	TOPSOIL F & P 4	SQ YD	2,523.000				
25000210	SEEDING CL 2A	ACRE	0.250				
25000314	SEEDING CL 4B	ACRE	0.250				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
25000400	NITROGEN FERT NUTR	POUND	12.000				
25000600	POTASSIUM FERT NUTR	POUND	12.000				
25100115	MULCH METHOD 2	ACRE	0.750				
25100630	EROSION CONTR BLANKET	SQ YD	2,523.000				
28000250	TEMP EROS CONTR SEED	POUND	52.000				
28000305	TEMP DITCH CHECKS	FOOT	28.000				
28000400	PERIMETER EROS BAR	FOOT	519.000				
28000510	INLET FILTERS	EACH	3.000				
28100107	STONE RIPRAP CL A4	SQ YD	697.000				
28200200	FILTER FABRIC	SQ YD	697.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	774.000				
31101400	SUB GRAN MAT B 6	SQ YD	497.000				
35501317	HMA BASE CSE 8 1/4	SQ YD	680.000				
40600100	BIT MATLS PR CT	GALLON	469.000				
40600300	AGG PR CT	TON	8.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600635	LEV BIND MM N70	TON	131.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40603240	P HMA BC IL19.0 N90	TON	280.000				
40603595	P HMA SC "F" N90	TON	227.000				
42400200	PC CONC SIDEWALK 5	SQ FT	1,607.000				
44000100	PAVEMENT REM	SQ YD	787.000				
44000157	HMA SURF REM 2	SQ YD	1,231.000				
44000500	COMB CURB GUTTER REM	FOOT	833.000				
44000600	SIDEWALK REM	SQ FT	1,416.000				
44003100	MEDIAN REMOVAL	SQ FT	2,328.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50104400	CONC HDWL REM	EACH	2.000				
*REV 50200100	STRUCTURE EXCAVATION	CU YD	105.000				
*ADD 50200300	COFFERDAM EXCAVATION	CU YD	1,056.000				
*ADD 50201121	COFFERDAM TYP 2 LOC 1	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

Project Number
 ACBRF-0870/014/

Route
 FAP 870

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*ADD 50201122	COFFERDAM TYP 2 LOC 2	EACH	1.000				
50300225	CONC STRUCT	CU YD	254.000				
50300255	CONC SUP-STR	CU YD	13.000				
*ADD 50300265	SEAL COAT CONC	CU YD	338.100				
50300300	PROTECTIVE COAT	SQ YD	92.000				
50800105	REINFORCEMENT BARS	POUND	18,610.000				
50800205	REINF BARS, EPOXY CTD	POUND	12,130.000				
50800515	BAR SPLICERS	EACH	78.000				
50900105	ALUM RAILING TY L	FOOT	87.000				
51500100	NAME PLATES	EACH	1.000				
54213660	PRC FLAR END SEC 15	EACH	1.000				
54213663	PRC FLAR END SEC 18	EACH	1.000				
550A0050	STORM SEW CL A 1 12	FOOT	63.000				
550A0070	STORM SEW CL A 1 15	FOOT	124.000				
550A0090	STORM SEW CL A 1 18	FOOT	8.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
550A0160	STORM SEW CL A 1 36	FOOT	8.000				
55100500	STORM SEWER REM 12	FOOT	86.000				
55100700	STORM SEWER REM 15	FOOT	134.000				
55100900	STORM SEWER REM 18	FOOT	12.000				
55101600	STORM SEWER REM 36	FOOT	14.000				
60200105	CB TA 4 DIA T1F OL	EACH	1.000				
60218300	MAN TA 4 DIA T1F OL	EACH	1.000				
60223800	MAN TA 6 DIA T1F CL	EACH	2.000				
60234200	INLETS TA T1F OL	EACH	2.000				
60255500	MAN ADJUST	EACH	1.000				
60500040	REMOV MANHOLES	EACH	2.000				
60500050	REMOV CATCH BAS	EACH	1.000				
60500060	REMOV INLETS	EACH	1.000				
60603800	COMB CC&G TB6.12	FOOT	811.000				
60604310	COMB CC&G TSB6.12	FOOT	646.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
 ACBRF-0870/014/

Route
 FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60605567	COMB CC&G TB8.12	FOOT	91.000				
60618210	HMA MEDIAN SURF 4	SQ FT	962.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	37.500				
63100085	TRAF BAR TERM T6	EACH	2.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	2.000				
63200310	GUARDRAIL REMOV	FOOT	507.000				
66900200	NON SPL WASTE DISPOSL	CU YD	650.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	3.000				
67000400	ENGR FIELD OFFICE A	CAL MO	12.000				
67100100	MOBILIZATION	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	128.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	10.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	2,714.000				
70400100	TEMP CONC BARRIER	FOOT	262.500				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number

ACBRF-0870/014/

Route

FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70400200	REL TEMP CONC BARRIER	FOOT	262.500				
78000100	THPL PVT MK LTR & SYM	SQ FT	219.000				
78000200	THPL PVT MK LINE 4	FOOT	3,921.000				
78000400	THPL PVT MK LINE 6	FOOT	726.000				
78000600	THPL PVT MK LINE 12	FOOT	20.000				
78000650	THPL PVT MK LINE 24	FOOT	75.000				
78100100	RAISED REFL PAVT MKR	EACH	121.000				
78201000	TERMINAL MARKER - DA	EACH	2.000				
78300100	PAVT MARKING REMOVAL	SQ FT	2,059.000				
78300200	RAISED REF PVT MK REM	EACH	121.000				
81028200	UNDRGRD C GALVS 2	FOOT	299.000				
87100020	FOCC62.5/125 MM12SM12	FOOT	2,404.000				
87300925	ELCBL C TRACER 14 1C	FOOT	2,378.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	328.000				
87900200	DRILL EX HANDHOLE	EACH	2.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES

CONTRACT
NUMBER - 60M83

State Job # - C-91-170-11

County Name - DUPAGE - -

Code - 43 - -

District - 1 - -

Section Number - 534R-B

Project Number
ACBRF-0870/014/

Route
FAP 870

* REVISED: OCTOBER 31, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88600100	DET LOOP T1	FOOT	163.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89502300	REM ELCBL FR CON	FOOT	2,056.000				

TABLE OF CONTENTS

LOCATION OF IMPROVEMENT.....1
 DESCRIPTION OF IMPROVEMENT1
 COMPLETION DATE PLUS WORKING DAYS.....1
 RESTRICTIVE START DATE2
 STATUS OF UTILITIES TO BE ADJUSTED2
 MAINTENANCE OF ROADWAYS.....3
 BITUMINOUS PRIME COAT FOR HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) (D-1)3
 HOT MIX ASPHALT MIXTURES, EGA MODIFIED PERFORMANCE GRADED (PG)
 ASPHALT BINDER.....3
 HOT-MIX ASPHALT MEDIAN SURFACE, 4 INCH4
 HOT MIX ASPHALT – MIXTURE DESIGN VERIFICATION AND PRODUCTION (BMPR).....4
 TEMPORARY PAVEMENT6
 PROTECTION OF EXISTING TREES7
 SEEDING, CLASS 4A (MODIFIED) – LOW PROFILE NATIVE GRASS10
 EROSION CONTROL BLANKET11
 PLANTING WOODY PLANTS.....11
 EMBANKMENT II15
 RECLAIMED ASPHALT PAVEMENT AND SHINGLES (D-1).....16
 FINE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (D-1)25
 PUBLIC CONVENIENCE AND SAFETY (DIST 1)26
 THREE SIDED PRECAST CONCRETE STRUCTURE26
 TEMPORARY SOIL RETENTION SYSTEM28
 ADJUSTMENTS AND RECONSTRUCTIONS30
 DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (DISTRICT 1).....31
 GEOTEXTILE RETAINING WALLS32
 TRAFFIC CONTROL PLAN.....35
 TRAFFIC CONTROL AND PROTECTION (ARTERIALS)35
 TEMPORARY INFORMATION SIGNING.....36

TYPE III TEMPORARY TAPE FOR WET CONDITIONS37

AGGREGATE SUBGRADE IMPROVEMENT (D-1).....38

CHECK VALVE.....40

TRAFFIC SIGNAL SPECIFICATIONS42

STORM WATER POLLUTION PREVENTION PLAN.....97

US ARMY CORPS ENGINEERS APPROVED 404 APPROVAL LETTER.....107

NOTICE OF INTENT111

INCIDENCE OF NON-COMPLIANCE (ION).....114

NOTICE OF TERMINATION.....116

AGREEMENT TO PLAN QUANTITY (BDE).....117

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE).....117

CONSTRUCTION AIR QUALITY - DIESEL VEHICLE EMISSIONS CONTROL (BDE).....119

CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE).....120

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE)121

ERRATA FOR THE 2012 STANDARD SPECIFICATIONS (BDE).....129

FRICTION AGGREGATE (BDE)130

HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE).....132

IMPACT ATTENUATORS, TEMPORARY (BDE).....133

METAL HARDWARE CAST INTO CONCRETE (BDE).....135

PAVEMENT MARKING REMOVAL (BDE).....136

PAYMENTS TO SUBCONTRACTORS (BDE)136

PORTLAND CEMENT CONCRETE (BDE)137

PORTLAND CEMENT CONCRETE SIDEWALK (BDE)172

QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)172

REMOVAL AND DISPOSAL OF SURPLUS MATERIALS (BDE)184

SELF-CONSOLIDATING CONCRETE FOR PRECAST AND PRECAST PRESTRESSED
 PRODUCTS (BDE).....184

SIDEWALK, CORNER OR CROSSWALK CLOSURE (BDE)186

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)186

TEMPORARY EROSION AND SEDIMENT CONTROL (BDE).....187

TRACKING THE USE OF PESTICIDES (BDE)187

TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)	187
UTILITY COORDINATION AND CONFLICTS (BDE).....	188
WARM MIX ASPHALT (BDE)	193
WEEKLY DBE TRUCKING REPORTS (BDE).....	197
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID).....	198
FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID).....	201
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID).....	206
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES.....	210
COFFERDAMS.....	214

This page intentionally left blank.

Revised 11/1/12

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Revise Article 669.01 of the Standard Specifications to read:

“669.01 Description. This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.”

Revise the first and second paragraph of Article 669.08 of the Second Specifications to read:

“669.08 Contaminated Soil and/or Groundwater Monitoring. The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be managed to a clean construction and demolition debris (CCDD) or an uncontaminated soil fill operation with detectable PID or FID meter readings. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to the proposed Subpart F of 35 Illinois Administrative Code (IAC) 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.”

Replace the first paragraph of Article 669.09 of the Standard Specifications with the following:

“669.09 Contaminated Soil and/or Groundwater Management and Disposal. Soil and/or concrete removed from an excavation which is determined by the Engineer to be contaminated, will not be placed in the excavation. When soil analytical results indicate that detected levels are at or below the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to the proposed Subpart F of 35 IAC 1100.605, the soil excavated shall be included in the storm sewer or earth excavation, as appropriate, and backfill shall be according to Section 205 and/or 208.

Added 11/1/12

When the analytical results indicate that detected levels are above the most stringent MAC, the soil excavated shall be managed as follows:

- (a) For inorganics exceedences that are considered within area background levels, the excavated soil can be utilized within the construction limits as fill. All storm sewer excavated soils can be placed back into the excavated trench as backfill unless trench backfill is specified.
- (b) For soil concentrations that do not exceed the proposed MACs for Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill or managed off-site as “uncontaminated soil” to a Clean Construction and Demolition Debris (CCDD) or Uncontaminated Soil fill operation within the MSA County.
- (c) For soil concentrations that do not exceed the proposed MACs for MSA County excluding Chicago or MACs within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill or managed off-site as “uncontaminated soil” to a CCDD or Uncontaminated Soil fill operation within the MSA County excluding Chicago or within the Chicago corporate limits.
- (d) For soil concentrations that do not exceed the proposed MACs for MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill or managed off-site as “uncontaminated soil” to a CCDD or Uncontaminated Soil fill operation within the MSA County excluding Chicago.
- (e) For soil concentrations that do not exceed the proposed MACs within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill or managed off-site as “uncontaminated soil” to a CCDD or Uncontaminated Soil fill operation within the Chicago corporate limits.
- (f) For soil concentrations that do not exceed the stringent proposed MACs and the pH value for this soil is less than 6.25 or greater than 9.0, the excavated soil cannot be managed as an “uncontaminated soil” to a CCDD or Uncontaminated Soil fill operation. These soils can be utilized within the construction limits as fill or managed off-site as “uncontaminated soil” except to a CCDD or Uncontaminated Soil fill operation.
- (g) For soil that exceeds the most stringent MACs for chemical constituents in uncontaminated soil and cannot be managed in accordance with Article 669.09(a) through (f), must be managed as a waste.

Added 11/1/12

When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 IAC 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plug within the area of groundwater contamination.”

Revise Article 669.14 of the Standard Specifications to read:

669.14 Final Environmental Construction Report. At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District's Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

- (a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,
- (b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site assessment (PESA) site number),
- (c) Plan sheets showing the areas containing the regulated substances,
- (d) Field sampling and testing results used to identify the nature and extent of the regulated substances,
- (e) Waste manifests (identified by the preliminary environmental site assessment (PESA) site number) for special or hazardous waste disposal, and

Added 11/1/12

- (f) Landfill tickets (identified by the preliminary environmental site assessment (PESA) site number) for non-special waste disposal.

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

“The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.”

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities. .

All contaminated materials shall be managed as non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances.

The Contractor shall manage any excavated soils and sediment within the following areas:

- Station 98+00 to Station 99+75 0 to 150 feet RT (Vacant and Forested Land, PESA Site 2286-5, 4500 Block of Lincoln Avenue). This material meets the criteria of Article 669.09(a) and shall be managed in accordance to Article 669.09. Possible Contaminants of concern: Metals.
- Station 99+75 to Station 102+00 0 to 100 feet RT (Lincoln Center, PESA Site 2286-2, 4513 Lincoln Avenue). This material meets the criteria of Article 669.09(a) and shall be managed in accordance to Article 669.09. Possible Contaminants of concern: Metals.
- Station 98+00 to Station 99+75 0 to 100 feet LT (Vacant Land and Ramp to Ogden Avenue, PESA Site 2286-4, 4500 Block of Lincoln Avenue). This material meets the criteria of Article 669.09(a) and shall be managed in accordance to Article 669.09. Possible Contaminants of concern: Metals.

Added 11/1/12

- Station 99+75 to Station 100+25 0 to 100 feet LT (St. Joseph's Creek, PESA Site 2286-3, 4500 Block of Lincoln Avenue). This material meets the criteria of Article 669.09(a) and shall be managed in accordance to Article 669.09. Possible Contaminants of concern: Metals.
- Station 100+25 to Station 102+00 0 to 100 feet LT (Lisle Bible Church and Parking Lot, PESA Site 2286-1, 4526 Lincoln Avenue). This material meets the criteria of Article 669.09(a) and shall be managed in accordance to Article 669.09. Possible Contaminants of concern: Metals.

COFFERDAMS

Effective: October 15, 2011

Replace Article 502.06 with the following.

502.06 Cofferdams. A Cofferdam shall be defined as a temporary structure, consisting of engineered components, designed to isolate the work area from water to enable construction under dry conditions based on either the Estimated Water Surface Elevation (EWSE) or Cofferdam Design Water Elevation (CDWE) shown on the contract plans as specified below. When cofferdams are not specified in the contract documents and conditions are encountered where the excavation for the structure cannot be kept free of water for prosecuting the work by pumping and/or diverting water, the Contractor, with the written permission of the Engineer, will be permitted to construct a cofferdam.

The Contractor shall submit a cofferdam plan for each cofferdam to the Engineer for approval prior to the start of construction. Cofferdams shall not be installed or removed without the Engineer's approval. Work shall not be performed in flowing water except for the installation and removal of the cofferdam. The cofferdam plan shall address the following:

- (a) Cofferdam (Type 1). The Contractor shall submit a cofferdam plan which addresses the proposed methods of construction and removal; the construction sequence including staging; dewatering methods; erosion and sediment control measures; disposal of excavated material; effluent water control measures; backfilling; and the best management practices to prevent reintroduction of excavated material into the aquatic environment. The design and method of construction shall provide, within the measurement limits specified in Article 502.12, necessary clearance for forms, inspection of exterior of the forms, pumping, and protection of fresh concrete from water. For Type 1 cofferdams, it is anticipated the design will be based on the EWSE shown on the contract plans. The Contractor shall assume all liability, financial or otherwise for a Type 1 cofferdam designed for an elevation lower than the EWSE.

Added 11/1/12

- (b) Cofferdam (Type 2). In addition to the requirements of Article 502.06(a), the Contractor's submittal shall include detailed drawings and design calculations, prepared and sealed by an Illinois Licensed Structural Engineer. For Type 2 cofferdams it is anticipated the design will be based on the CDWE shown on the contract plans. The Contractor shall assume all liability, financial or otherwise for a Type 2 cofferdam designed for an elevation lower than the CDWE.
- (c) Seal Coat. The seal coat concrete, when shown on the plans, is based on design assumptions in order to establish an estimated quantity. When seal coat is indeed utilized, it shall be considered an integral part of the overall cofferdam system and, therefore, its design shall be included in the overall cofferdam design submittal. If a seal coat was not specified but determined to be necessary, it shall be added to the contract by written permission of the Engineer. The seal coat concrete shall be constructed according to Article 503.14. After the excavation within the cofferdam has been completed and the piles have been driven (if applicable), and prior to placing the seal coat, the elevation of the bottom of the proposed seal coat shall be verified by soundings. The equipment and methods used to conduct the soundings shall meet the approval of the Engineer. Any material within the cofferdam above the approved bottom of the seal coat elevation shall be removed.

No component of the cofferdam shall extend into the substructure concrete or remain in place without written permission of the Engineer. Removal shall be according to the previously approved procedure. Unless otherwise approved in writing by the Engineer, all components of the cofferdam shall be removed.

Revise the first paragraph of 502.12(b) to read as follows.

- (b) Measured Quantities. Structure excavation, when specified, will be measured for payment in its original position and the volume computed in cubic yards (cubic meters). Horizontal dimensions will not extend beyond vertical planes 2 ft (600 mm) outside of the edges of footings of bridges, walls, and corrugated steel plate arches. The vertical dimension for structure excavation will be the average depth from the surface of the material to be excavated to the bottom of the footing as shown on the plans or ordered in writing by the Engineer. The volume of any unstable and/or unsuitable material removed within the structure excavation will be measured for payment in cubic yards (cubic meters).

Added 11/1/12

Revise the last paragraph of 502.12(b) to read as follows.

Cofferdam excavation will be measured for payment in cubic yards (cubic meters) in its original position within the cofferdam. Unless otherwise shown on the plans, the horizontal dimensions used in computing the volume will not extend beyond vertical planes 2 ft (600 mm) outside of the edges of the substructure footings or 4 ft (1.2 m) outside of the faces of the substructure stem wall, whichever is greater. The vertical dimensions will be the average depth from the surface of the material to be excavated to the elevation shown on the plans for bottom of the footing, stem wall, or seal coat, or as otherwise determined by the Engineer as the bottom of the excavation.

Revise the first sentence of the sixth paragraph of 502.13 to read as follows.

Cofferdams, when specified, will be paid for at the contract unit price per each for COFFERDAM (TYPE 1) or COFFERDAM (TYPE 2), at the locations specified.

Added 11/1/12