



Memo to: Board of Directors

From: Chuck Etwert

Subject: Program Status Report for April, 2014

Date: April 14, 2014

The process of property acquisition continues to move along, unfortunately slowly. We are still needing easement or property acquisition in BP #3 (9 owners for 15 parcels), BP #5 (1 owner for 1 parcel) and BP #6 (3 owners for 5 parcels). With all three of these packages already having been awarded, it is imperative that we reach agreements with these property owners as soon as possible before our contractors start requesting change orders due to delay of site access. There may be an executive session at the end of the meeting to discuss one or two situations.

As I mentioned at the Board meeting last month, the Corps has received its FY14 Workplan funding for East St. Louis and Wood River and would be requesting the corresponding non federal sponsor share in the near future. We have received the project scopes, cost estimates, and project schedules. The request for cost share funds is on today's agenda, with two requests for design and one request involving funds for construction which needs to be discussed later.

AMEC continues converting the Wood River cutoff walls plans to AMEC specifications with the submittal and a meeting scheduled with the Corps for this Friday April 18, 2014. Next week will begin the "streamlined" Sec. 408 review which requires approval from the Corps Division and Headquarters offices and is expected to take four months.

Last month it was requested that I look into the Ameren Illinois agreements the Board was approving to ensure that sales tax on equipment wasn't being included in our cost. At first Ameren Illinois indicated that since the equipment being installed was going to be theirs it wouldn't qualify for the exemption, however upon further review they have indicated since it is serving an exempt entity, an adjustment would be made to our costs. We haven't received the adjustment numbers yet.

Also last month, during the discussion of the Dorgan-McPike contract, the possibility of receiving a state grant was mentioned. We continue to have discussions with the Illinois Capital Development Board regarding the possibility of receiving a \$100,000 state grant for the BP #2A Project, which involves the construction of five pump stations in the Prairie Du Pont, MESD, and Wood River Districts.

On April 9<sup>th</sup>, Les Sterman and I met with representative of the Corps to discuss the use of Project Labor Agreements (PLA) on future projects involving FPD funds. It appears that the Corps has more experience regarding the use of PLA's than they did last year when they reviewed it and is making a valid effort to utilize a PLA. Unfortunately, not all of the experience is positive, there have been protests by other low bidders and situations where terms of an agreement couldn't be reached, and therefore the PLA wasn't utilized after being included in the bid proposals.

To date the Corps has not issued any contracts with a PLA. One was awarded with a PLA and then the contractor could not negotiate the PLA with the unions successfully. Therefore, the PLA requirement had to be dropped from that contract. However, it was still awarded to the potential PLA awardee because they were also the lowest price. There were four other Corps contracts that included PLA options in the solicitations but all were awarded to non-PLA contractors. There have been two NAVFAC (Navy Facility) PLA procurements that were fully implemented.

The Corps is currently preparing a schedule regarding their current reconsideration of the utilization of a PLA. It was strongly suggested that the Corps contact IDOT regarding their experience using PLAs and that they review our bids which included the use of PLAs.

It must be mentioned that by Corps policy, the decision to use a PLA is on a project by project basis, meaning each project in which non federal funds are requested would have to go thru the Corps determination process. There would be no blanket type approval.

Also it should be noted, bidders on a project have the option to submit price proposals 1) subject to the PLA requirements, 2) not subject to the PLA requirements, or 3) both. Therefore, even if a PLA is part of the bid package, there is no guarantee that it would be selected.

I have attached a summary and overview of Governing PLA Policy and the Corps Project Labor Agreement Determination Tool for your review.

I have also included in your Board packet a copy of the Construction Change Order Policy approved by the Board last month along with AMEC's Monthly Progress Report for April which now includes the change order information required by the policy.

## **Project Labor Agreement (PLA) Policy**

**Executive Order (E.O.) 13502** – EO 13502 was signed by President Obama on February 6, 2009, “It is the policy of the Federal Government to encourage executive agencies to consider requiring the use of project labor agreements (PLAs) in connection with large-scale construction projects in order to promote the economy and efficiency in Federal procurement”. It states that a PLA may be included if:

- 1) the PLA advances the Federal government’s interest in achieving economy and efficiency in Federal procurement, producing labor management stability, and ensuring compliance with laws and regulations governing safety and health, equal employment opportunity, labor and employment standards, and other matters; and,
- (2) the PLA is consistent with law.

**Federal Acquisition Regulation (FAR) 22.503** – FAR 22.503 prescribes policies and procedures to implement EO13502. An agency may, if appropriate, require that every contractor and subcontractor engaged in construction on the project agree, for that project, to negotiate or become a party to a project labor agreement with one or more labor organizations if the agency decides that the use of project labor agreements will:

- (1) Advance the Federal Government’s interest in achieving economy and efficiency in Federal procurement, producing labor-management stability, and ensuring compliance with laws and regulations governing safety and health, equal employment opportunity, labor and employment standards, and other matters; and
- (2) Be consistent with law.

Agencies may also consider the following factors in deciding whether the use of a project labor agreement is appropriate for the construction project:

- (1) The project will require multiple construction contractors and/or subcontractors employing workers in multiple crafts or trades.
- (2) There is a shortage of skilled labor in the region in which the construction project will be sited.
- (3) Completion of the project will require an extended period of time.
- (4) Project labor agreements have been used on comparable projects undertaken by Federal, State, municipal, or private entities in the geographic area of the project.
- (5) A project labor agreement will promote the agency’s long term program interests, such as facilitating the training of a skilled workforce to meet the agency’s future construction needs.
- (6) Any other factors that the agency decides are appropriate.

**USACE Procurement Instruction Letter (PIL) 2011-01-R1:** The Corps' policy for implementing E.O. 13502 is contained in its Procurement Instruction Letter (PIL) 2011-01-R1.\* It **requires** the Contracting Officer to consider the following factors (in addition to 1 and 2 above from the EO) when determining if a PLA is applicable:

- (1) The project will require multiple construction contractors and/or subcontractors employing workers in multiple crafts or trades.
- (2) There is a shortage of skilled labor in the region in which the construction project will be sited.
- (3) Completion of the project will require an extended period of time.
- (4) Project labor agreements have been used on comparable projects undertaken by Federal, State, municipal, or private entities in the geographic area of the project.
- (5) A project labor agreement will promote the agency's long term program interests, such as facilitating the training of a skilled workforce to meet the agency's future construction needs.

In addition, the following factors may be deemed appropriate for consideration, but not required:

- (6) The unique and compelling schedule requirements of a particular project. In this regard, projects that are tied to court-imposed deadlines or mission-critical schedules may also provide a basis for a PLA requirement.
- (7) Skilled labor shortages might be anticipated for projects located in a remote locations where a contractor may encounter difficulties in recruiting and retaining a skilled workforce for an extended period of time.
- (8) Skilled labor shortages may also result where there may be competition within the contractor community for skilled labor arising from concurrent large-scale construction contracts in project vicinity.

PLA consideration involves conducting necessary labor market research, which seeks input from external stakeholders regarding the use of a PLA on a particular project, to include the availability of skilled labor and prior use of PLAs on comparable projects in the project's geographic area. There is no applicable statutory or regulatory authority that would allow the government to restrict competition to firms in a local geographic area.

In addition, the USACE PIL 2011-01-R1 requires the analysis for the applicability of a PLA to be completed on each contract action. Whereas, the EO addresses the analysis of applicability of a PLA at the project level (within USACE this is more commonly referred to as the programmatic level).

Solicitation Requirements: When the decision is made to pursue a PLA on a given project, the following instructions apply:

(1) Insert in an appropriate location in the solicitation (or for a task order in the Request for Proposal): “Offerors may submit a price proposal subject to the Project Labor Agreement requirements set forth in *[insert section]* of this solicitation (a PLA proposal), a price proposal not subject to the PLA requirements set forth in *[insert section]* of this solicitation, or both. Any price proposal submitted shall clearly identify whether it is subject to such PLA requirements.”

(2) Insert in the appropriate location in the solicitation (or for a task order in the Request for Proposal): “Note: FAR clause 52.233-34, Alternate I and the included supplementary requirements are binding on the contractor if the proposal selected for award was subject to PLA requirements. If the proposal selected for award was not subject to PLA requirements, this section is not binding on the Contractor.”

\*PIL 2011-01-R1 will be rescinded with issuance of the update to the USACE Acquisition Instruction (UAI). The PIL requirements will be incorporated into the new UAI in its entirety.



**US Army Corps  
of Engineers®**

# **PROJECT LABOR AGREEMENT DETERMINATION TOOL**

## **Enclosure 2**

**PURPOSE:** The decision to use a Project Labor Agreement (PLA) is made on a project by project basis where its use will promote economy and efficiency in federal procurement. This tool will assist contracting officers to understand the circumstances in which a project labor agreement may benefit a specific project.

This tool is structured in two parts:

**1) Market Research**

Understanding the nature of the project under consideration, the geographic region, the labor market and recent project history are all key components to making informed decisions. This section of the tool will help contracting officers gather pertinent information to know if a PLA is appropriate for use on a given project.

**2) Review Checklist**

This section will help the contracting officer determine whether a PLA is appropriate for the project. Note: The "Review Checklist" memorandum within this tool and accompanying project-by-project market research report shall be included in every applicable contract file.

**BACKGROUND:** A project labor agreement is defined as a pre-hire collective bargaining agreement with one or more labor organizations that establishes the terms and conditions of employment for a specific construction project and is an agreement described in 29 U.S.C. § 158(f). Federal Acquisition Regulation (FAR) 22.503 Policy provides that:

(a) Project Labor Agreements are a tool that agencies may use to promote economy and efficiency in Federal procurement. Pursuant to Executive Order 13502, agencies are encouraged to consider requiring the use of project labor agreements in connection with large-scale construction projects.

(b) An agency may, if appropriate, require that every contractor and subcontractor engaged in construction on the project agree, for that project, to negotiate or become a party to a project labor agreement with one or more labor organizations if the agency decides that the use of project labor agreements will--

- (1) Advance the Federal Governments interest in achieving economy and efficiency in Federal procurement, producing labor-management stability, and ensuring compliance with laws and regulations governing safety and health, equal employment opportunity, labor and employment standards, and other matters; and
- (2) Be consistent with law. See also FAR 52.222-33 Notice of Requirement for Project Labor Agreement and FAR 52.222-34 Project Labor Agreement.

**MARKET RESEARCH:** In addressing projects within the scope of Executive Order 13502, federal contracting officers may undertake a labor market survey as part of their PLA evaluation process, following the criteria offered in the FAR 22.503(c):

- (1) The project will require multiple construction contractors and/or subcontractors employing workers in multiple crafts or trades.
- (2) There is a shortage of skilled labor in the region in which the construction project will be sited.
- (3) Completion of the project will require an extended period of time.
- (4) Project labor agreements have been used on comparable projects undertaken by Federal, State, municipal, or private entities in the geographic area of the project.
- (5) A project labor agreement will promote the agency's long term program interests, such as facilitating the training of a skilled workforce to meet the agency's future construction needs.
- (6) Any other factors that the agency decides are appropriate.

**For this assessment, agencies may consider consulting a contract management firm with experience evaluating project labor agreements. There are several firms nationwide that have national and regional experience evaluating whether the use of a PLA can provide value to a project.**

**For contracting officers who choose to conduct their own research, the following information may be helpful in making an informed decision:**

Sources of Information: Contracting officers who undertake this assessment may consider the following sources for detailed information about data to consider when making a determination. This information can be gathered through a "sources sought" notification, email or phone contact, or through a survey.

- 1) Project owners and users  
Owners of local construction projects in the vicinity of the project under consideration may have had to decide whether to use a PLA. As such, local and/or state government agencies can provide relevant information on the factors they have considered when deciding to use PLAs on public projects. In addition, private sector firms or owners have increasingly used PLAs to manage complex projects and can be a similar resource.
- 2) Government data sources  
Federal and state Departments of Labor (or similar workforce agency) provide data about wages, economic trends and labor availability in the region to employers, developers and other stakeholders. Local Career One Stop Centers may have additional data on the labor force availability.
- 3) Construction community, in accordance with FAR 22.504(c)
  - a. Local Building and Construction Trades Councils  
The Building and Construction Trades Department, AFL-CIO, (BCTD) provides essential coordination and support to the work of its affiliated national and international unions  
<http://www.bctd.org/Official-Directory/Local-Councils.aspx>

b. Associated Builders and Contractors

A national trade association with numerous local offices representing merit shop contractors, subcontractors, material suppliers and related firms in the United States  
<http://www.abc.org/chapterlocator.aspx>

c. Associated General Contractors

A national trade association with a nationwide network of local chapters, AGC represents more than 33,000 leading firms in the industry - including general contractors, specialty contractors and service providers and suppliers.  
[http://www.agc.org/cs/about\\_agc/find\\_a\\_chapter](http://www.agc.org/cs/about_agc/find_a_chapter)

4) Construction consulting and management firms and academic experts

Construction consulting and management firms with experience using PLAs are often called on to provide expert analysis regarding the benefits of using PLAs and whether its use can provide value on a particular project. Along with academic experts, these firms have conducted analyses to determine whether to use PLAs and have extensive experience regarding what factors should be considered and how a PLA can be crafted to maximize economy and efficiency.

Scan of Recent Construction Projects in Target Labor Market: A sources sought notice (or a similar relevant agency tool) may be issued as part of market research to obtain data on the recent history of construction projects in the local labor market of the project under consideration. The information gathered in this exercise should include the following information on projects completed in the last 2-5 years:

Project Name / Location	Detailed Project Description	Initial Cost Est. / Actual final cost	Was the project completed on-time?	Number of craft trades present on the project	PLA (Y/N)	Were there any challenges experienced during project? (delays, investigations, health and safety issues, labor shortages, management/ organizational issues, etc)
1)						
2)						
3)						

Current Project Details: For the project under consideration, the federal acquisition team can fill in the following table to detail the factors needed to consider when deciding whether a PLA may or may not improve the economy or efficiency of the project:

Project Description	
Category of Construction (residential, building, highway, heavy)	
Estimated cost, duration, deadline and complexity	
Which trades are expected to be employed on the projects? o Are you likely to need some union skilled trades for at least part of this project?	
What market share does union labor have in the geographic area for	



What market share does union labor have in the geographic area for this project or type of construction?	
Does the local market contain the sufficient number of available skilled workers for this project? <ul style="list-style-type: none"> <li>○ Are the other projects in the vicinity going to limit the pool of skill labor available for your project?</li> </ul>	
Has a project like this been done before in the local market?	
What investments have been made to support registered apprenticeship programs?	
Will the completion of the project require an extended period of time or have sensitive deadlines?	
Have PLAs been used on comparable projects undertaken by the public or private sector in this geographic region?  Have PLAs been used on this type of project in other regions?	
Which CBAs are likely to expire during the course of the project under consideration that might cause delays? (local building trades and contractors can provide information)	
How do open shop and union wage rates influence prevailing wage rates in the local market and compare to Davis Bacon rates? <ul style="list-style-type: none"> <li>○ What impact does unionization in the local market have on wages?</li> </ul>	
Could a PLA contribute to cost savings in any of the following ways?  <ul style="list-style-type: none"> <li>○ Harmonization of shifts and holidays between the trades to cut labor costs?</li> <li>○ Minimizing disruptions that may arise due expiration of CBA?</li> <li>○ Availability of trained, registered apprentices, efficient for highly skilled workforce?</li> <li>○ Allowing for changes in apprentice to journeyman ratio.</li> <li>○ Serving as a management tool that ensures highly skilled workers from multiple trades are coordinated in the most efficient way?</li> <li>Other?</li> </ul>	
Could a PLA minimize risk and contribute to greater efficiency in any of the following ways?  <ul style="list-style-type: none"> <li>○ Mechanisms to avoid delays</li> <li>○ Complying with Davis Bacon and other labor standards, safety rules and EEO and OFCCP laws.</li> <li>○ Ensuring a steady supply of skilled labor in markets with low supply or high competition for workers.</li> </ul>	
Are there ways in which a PLA might increase costs on this particular project?	

## **Review Checklist Decision Memorandum**

The following factors have been considered in determining whether to use a PLA. The decision to use or not use a PLA was based on an overall assessment of project economies and efficiencies to be realized from either course of action and was not merely a function of the number of boxes checked.

☐ The project will require multiple construction contractors and/or subcontractors employing workers in multiple crafts or trades.

☐ There is a shortage of skilled labor in the region in which the construction project will be sited.

☐ Completion of the project will require an extended period of time.

☐ PLAs have been used on comparable projects undertaken by Federal, State, municipal, or private entities in the geographic area of the project.

☐ A PLA will promote the agency's long term program interests, facilitating the training of a skilled workforce to meet the agency's future construction needs.

☐ There are collective bargaining agreements (CBAs) for key trades that will expire during the course of the project.

☐ The unique and compelling schedule requirements of a particular project (e.g., the project is tied to court-imposed deadlines or has a mission-critical schedule).

☐ A PLA will provide an opportunity for registered apprentices to participate in the project.

☐ Additional Factors (Provide any additional project or situation specific details, information or factors (e.g., results of the labor market survey, other projects in the vicinity, etc.) that apply to this determination.

---

☐ A PLA would not contribute to the economy or efficiency for the project under consideration.

**Based on consideration of the above factors and the market research completed in the previous pages, provide a short summary explaining why you recommend/ do not recommend the use of a PLA for this specific project.**

---

---

---

---

---

Signed by:

Contracting Officer: \_\_\_\_\_ Date \_\_\_\_\_

Requirements Official: \_\_\_\_\_ Date \_\_\_\_\_

## **Southwestern Illinois Flood Prevention District Council Construction Change Order Policy**

The Chief Supervisor of Construction and the Works (the Chief Supervisor) shall be authorized to approve all change orders on a construction project that do not individually or aggregately increase a bid line item by more than ten percent. Any change order causing the aggregate cost of all change orders on a project to exceed the project's initial low bid cost by more than ten percent would require authorization by the Board prior to approval, as would any subsequent change orders for that project.

The Chief Supervisor will approve change order requests only after reviewing supporting documentation provided by the Council's Construction Management Consultant.

Each month the Chief Supervisor will provide to the Board a summary report of all change orders approved and pending on all projects under construction. This report shall indicate each change order and the percent increase in the corresponding bid line item and the total percent of cost of all approved change orders to the projects' original low bid cost.

Approved 3/19/2014



Southwestern Illinois Flood Prevention District Council  
c/o Charles Etwert  
104 United Drive  
Collinsville, IL 62234

---

## **Monthly Project Progress Report April 2014**

---

AMEC Project No. 563170001  
Period Ending Date: April 11, 2014

*Date of Issue: April 14, 2014*

## Table of Contents

<b>1. OVERVIEW .....</b>	<b>3</b>
1.1 PROJECT DESCRIPTION .....	3
1.2 AMEC SCOPE .....	3
1.3 KEY CONTACTS / PEOPLE .....	3
<b>2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE) .....</b>	<b>4</b>
2.1 HSSE REPORTS .....	4
<b>3. PROJECT STATUS UPDATE .....</b>	<b>5</b>
3.1 BID PACKAGE 2A .....	5
3.1.1 Calendar .....	5
3.1.2 Progress .....	5
3.1.3 Property Acquisition .....	5
3.1.4 Levee Board Considerations .....	5
3.1.5 Submittals .....	5
3.1.6 Change Orders .....	5
3.1.7 Field Activities and Look Ahead .....	5
3.1.8 QC/QA Activities .....	5
3.1.9 Considerations .....	5
3.1.10 Payment Progress .....	5
3.2 BID PACKAGE 2B .....	6
3.2.1 Calendar .....	6
3.2.2 Progress .....	6
3.2.3 Property Acquisition .....	6
3.2.4 Levee Board Considerations .....	6
3.2.5 Submittals .....	6
3.2.6 Change Orders .....	6
3.2.7 Field Activities and Look Ahead .....	6
3.2.8 QC/QA Activities .....	7
3.2.9 Considerations .....	7
3.2.10 Payment Progress .....	7
3.3 BID PACKAGE 03 .....	8
3.3.1 Calendar .....	8
3.3.2 Progress .....	8
3.3.3 Property Acquisition .....	8
3.3.4 Levee Board Considerations .....	8
3.3.5 Submittals .....	8
3.3.6 Change Orders .....	8
3.3.7 Field Activities and Look Ahead .....	8
3.3.8 QC/QA Activities .....	8
3.3.9 Considerations .....	8
3.3.10 Payment Progress .....	8
3.4 BID PACKAGE 4 .....	9
3.4.1 Calendar .....	9
3.4.2 Progress .....	9
3.4.3 Property Acquisition .....	9
3.4.4 Levee Board Considerations .....	9
3.4.5 Submittals .....	9
3.4.6 Change Orders .....	9
3.4.7 Field Activities and Look Ahead .....	9
3.4.8 QC/QA Activities .....	9
3.4.9 Considerations .....	9
3.4.10 Payment Progress .....	9

3.5	BID PACKAGE 5.....	10
3.5.1	Calendar .....	10
3.5.2	Progress .....	10
3.5.3	Property Acquisition.....	10
3.5.4	Levee Board Considerations .....	10
3.5.5	Submittals .....	10
3.5.6	Change Orders .....	10
3.5.7	Field Activities and Look Ahead .....	10
3.5.8	QC/QA Activities .....	10
3.5.9	Considerations .....	10
3.5.10	Payment Progress.....	10
3.6	BID PACKAGE 6.....	11
3.6.1	Calendar .....	11
3.6.2	Progress .....	11
3.6.3	Property Acquisition.....	11
3.6.4	Levee Board Considerations .....	11
3.6.5	Submittals .....	11
3.6.6	Change Orders .....	11
3.6.7	Field Activities and Look Ahead .....	11
3.6.8	QC/QA Activities .....	11
3.6.9	Considerations .....	11
3.6.10	Payment Progress.....	11

## 1. OVERVIEW

### 1.1 Project Description

Levees along the east side of the Mississippi River within four levee districts have been found to be out of compliance with FEMA Requirement 44CFR 65.10 and therefore have been de-certified. The four districts are: Wood River Drainage and Levee District, Metro-East Sanitary District, Prairie du Pont Drainage and Levee District, and Fish Lake Drainage and Levee District. The counties involved have formed an overarching entity called the Southwestern Illinois Flood Prevention District Council (SIFPDC). AMEC has been selected by the SIFPDC to design and manage the construction of levee system improvements necessary to demonstrate compliance with FEMA Requirement 44CFR 65.10.

**Bid Package 2A** is composed of the construction of one (1) pump station within the Fish Lake Levee District System.

**Bid Package 2B** is composed of the construction of five (5) pump stations within the Wood River, MESD, and Prairie du Pont Levee Districts.

**Bid Package 3** is composed of the construction of seepage control improvements within the Wood River Drainage and Levee District Levee System.

**Bid Package 4** is composed of the construction of seepage control improvements within the Metro East Sanitary District Levee System, from Station 1209+00 to 1242+00. This package also includes the construction of one (1) pump station.

**Bid Package 5** is composed of the construction of seepage control improvements within the Metro East Sanitary District Levee System.

**Bid Package 6** is composed of the construction of seepage control improvements within the Prairie du Pont Drainage and Levee District and Fish Lake Drainage and Levee District Levee Systems.

### 1.2 AMEC Scope

Based on baseline budgets and baseline schedules, monitor and manage the program performance.

- track program cost
- monitor program budget
- track program progress
- monitor program schedule
- complete earned value analysis, performance measurements and forecasting
- schedule and cost variance management and corrective action plans

### 1.3 Key Contacts / People

Program Manager	Jay Martin, PE, 615.333.0630 <a href="mailto:jay.w.martin@amec.com">jay.w.martin@amec.com</a>
Project Manager	Jon Omvig, AICP, 636.200.5118 <a href="mailto:jon.omvig@amec.com">jon.omvig@amec.com</a>
Resident Engineer/QA Manager	Kurt Wengert, PE, 314.288.7661 <a href="mailto:kurt.wengert@amec.com">kurt.wengert@amec.com</a>
Construction Inspector	Kevin Williams, 618.401.7226 <a href="mailto:kevin.m.williams@amec.com">kevin.m.williams@amec.com</a>
Project Coordinator	Kendra Mitchom, 618.346.9120 <a href="mailto:kendra.mitchom@amec.com">kendra.mitchom@amec.com</a>

## 2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE)

### 2.1 HSSE Reports

Health/Safety
BP05 – On March 14, 2014, Keller Construction made contact with an Ameren distribution line pole. No one was injured, and the pole was replaced that afternoon.
Security
No issues during this reporting period.
Environment (SWPPP)
No issues during this reporting period.



## 3. PROJECT STATUS UPDATE

### 3.1 Bid Package 2A

#### 3.1.1 Calendar

Bid Date:	June 11, 2013
Contract executed	October 11, 2013
Schedule received	October 29, 2013
Anticipated start of field activities	January 22, 2014
Start of field activities	January 27, 2014
Anticipated completion date	May 30, 2014
Final Walk Through	
Final Acceptance	

#### 3.1.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 1 Pump Station	May 2014	47.3%	Work progressing slowly due to delivery times; Intake structure walls and the outfall structure have been placed; long lead items (formed suction inlets, pump tubes, and Limitorque actuator) are ordered but delivery has been delayed due to manufacturer supplier delay.

#### 3.1.3 Property Acquisition

All property is acquired.

#### 3.1.4 Levee Board Considerations

None at this time.

#### 3.1.5 Submittals

Submittal process ongoing.

#### 3.1.6 Change Orders

See Change Order Log attached.

#### 3.1.7 Field Activities and Look Ahead

Contractor has installed the base portions of the Formed Suction Inlets, pumps and pump tubes are scheduled to be onsite April 18, 2014.

#### 3.1.8 QC/QA Activities

Juneau/SCI onsite performing testing activities.

#### 3.1.9 Considerations

None at this time.

#### 3.1.10 Payment Progress

See Contract Invoice Log attached.

## 3.2 Bid Package 2B

### 3.2.1 Calendar

Bid Date:	October 1, 2013
Contract executed	December 16, 2013
Schedule received	December 17, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	
Anticipated completion date	August 27, 2014
Final Walk Through	
Final Acceptance	

### 3.2.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 10 Pump Station	July 2014	8.9%	Outfall structure complete; valve box bottom slab and walls complete
B	Construct Site 16 Pump Station	July 2014	26.8%	Outfall structure complete; valve box bottom slab and walls complete; excavating for intake structure
C	Construct Site 5 Pump Station	July 2014	5.5%	Outfall structure ready for bottom slab concrete placement
D	Construct Site 12 Pump Station	August 2014	3.2%	Testing of existing force main discharge pipes
E	Construct Site 15 Pump Station	August 2014	2.8%	Initial staking and layout only

### 3.2.3 Property Acquisition

All property is acquired.

### 3.2.4 Levee Board Considerations

Possible time extension to allow for Site 12 construction in October.

### 3.2.5 Submittals

Submittal process ongoing.

### 3.2.6 Change Orders

See Change Order Log attached

### 3.2.7 Field Activities and Look Ahead

- Site 5-outfall structure wall placement; may begin excavation of intake structure soon
- Site 10-set rebar and form top of valve box; may begin excavation of intake structure

## AMEC Environment & Infrastructure – Construction Engineering and Inspection

- Site 12-force main pipe testing still in progress; Contractor needs lower river levels
- Site 15-none
- Site 16-drilled temporary well for dewatering; placed mud slab on April 11; rebar, foundation slab placement, and setting wall forms

### 3.2.8 QC/QA Activities

Juneau/SCI onsite performing testing activities.

### 3.2.9 Considerations

Site 12 Pump Station construction is delayed until October 16, 2014 per USACE 408 permit requirements.

### 3.2.10 Payment Progress

See Contract Invoice Log attached.

### 3.3 Bid Package 03

#### 3.3.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	Pending property acquisition
Start of field activities	
Anticipated completion date	September 29, 2014
Final Walk Through	
Final Acceptance	

#### 3.3.2 Progress

ID	Description	Target	Actual	Comments
A	Blanket Drains, Seepage Berms and Stream Banks	September 2014	TBD	Inactive due to land acquisition
B	Relief Wells and Piezometers	September 2014	TBD	Inactive due to land acquisition

#### 3.3.3 Property Acquisition

Major parcels are still needed for project to progress. Partial NTP issued March 13, 2014.

#### 3.3.4 Levee Board Considerations

The slow progress of land acquisition is affecting the levee certification schedule. Property acquisition needs to be expedited.

#### 3.3.5 Submittals

Submittal process ongoing.

#### 3.3.6 Change Orders

See Change Order Log attached.

#### 3.3.7 Field Activities and Look Ahead

Project is inactive. Field activities pending property acquisition.

#### 3.3.8 QC/QA Activities

None at this time.

#### 3.3.9 Considerations

Property acquisition has been critical and is affecting the Bid Package 03 project schedule and overall levee improvements project and certification schedule.

#### 3.3.10 Payment Progress

\$0 of \$10,082,345.00 has been paid to the Contractor. See Contract Invoice Log attached.

## 3.4 Bid Package 4

### 3.4.1 Calendar

Bid Date:	December 3, 2013
Contract executed	February 6, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 24, 2014
Start of field activities	
Anticipated completion date	September 6, 2014
Final Walk Through	
Final Acceptance	

### 3.4.2 Progress

ID	Description	Target	Actual	Comments
A	Earthwork	June 2014	0	Dependent on fence relocation
B	Piezometers	July 2014	0	Dependent on fence relocation
C	Pipe Conveyance System	July 2014	0	Dependent on fence relocation
D	Relief Wells (new and converted)	August 2014	8.1%	Relocation of safety fence only, no actual relief well work has occurred
E	Construct Site 9 Pump Station	August 2014	0	Dependent on fence relocation

### 3.4.3 Property Acquisition

All property is acquired.

### 3.4.4 Levee Board Considerations

None at this time.

### 3.4.5 Submittals

Submittal process underway

### 3.4.6 Change Orders

See Change Order Log attached.

### 3.4.7 Field Activities and Look Ahead

Contractor working on new security fence installation; removing old fence and relief well abandonment once new fencing is complete.

### 3.4.8 QC/QA Activities

No current material testing needs. QC material testing will begin with relief well abandonment

### 3.4.9 Considerations

None at this time.

### 3.4.10 Payment Progress

\$0 of \$3,198,428.75 has been paid to the Contractor. See Contract Invoice Log attached.

## 3.5 Bid Package 5

### 3.5.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	February 17, 2014
Anticipated completion date	October 31, 2014
Final Walk Through	
Final Acceptance	

### 3.5.2 Progress

ID	Description	Target	Actual	Comments
A	Sluice Gates	June 2014	0	Need lower river levels
B	Relief Wells and Piezometers	October 2014	10.6%	Some manholes and collection systems have been installed in southern portion of project
C	Earthwork	September 2014	0	None
D	Rip Rap repairs	October 2014	20.0%	Need lower river levels; started work but left in place due to higher water

### 3.5.3 Property Acquisition

One parcel, Illinois Historic Preservation Society, is outstanding. Property acquisition needs to be expedited.

### 3.5.4 Levee Board Considerations

The slow progress of land acquisition is affecting the project schedule.

### 3.5.5 Submittals

Submittal process underway

### 3.5.6 Change Orders

See Change Order Log attached.

### 3.5.7 Field Activities and Look Ahead

Contractor working on relief well collection system east/west run; cleaning 8X8 box culverts when water subsides.

### 3.5.8 QC/QA Activities

Juneau/SCI on site for QC testing

### 3.5.9 Considerations

None at this time.

### 3.5.10 Payment Progress

See Contract Invoice Log attached.

## 3.6 Bid Package 6

### 3.6.1 Calendar

Bid Date:	June 11, 2013
Contract executed	October 3, 2013
Schedule received	October 31, 2013
Anticipated start of field activities	November 11, 2013
Start of field activities	November 19, 2013
Anticipated completion date	January 22, 2015
Final Walk Through	
Final Acceptance	

### 3.6.2 Progress

ID	Description	Target	Actual	Comments
A	Seepage Berms	August 2014	12.6%	Work continues, and will increase as weather gets better.
B	Clay Caps	April 2014	0	None
C	Relief Wells and Piezometers	June 2014	10%	Pilot hole drilling ongoing
D	Pipe Conveyance	October 2014	0	None

### 3.6.3 Property Acquisition

Mitten, Terminal Railroad and Norfolk Southern are still outstanding.

### 3.6.4 Levee Board Considerations

The slow progress of land acquisition is affecting the levee project schedule

### 3.6.5 Submittals

Submittal process ongoing.

### 3.6.6 Change Orders

See Change Order Log attached

### 3.6.7 Field Activities and Look Ahead

Construction of seepage berms north of East Carondelet; drilling of pilot holes ongoing.

### 3.6.8 QC/QA Activities

ABNA is testing material as it is blended; AMEC and Geotechnology performing QA testing.

### 3.6.9 Considerations

None at this time.

### 3.6.10 Payment Progress

See Contract Invoice Log attached.

## CONTRACT INVOICE LOG

<b>Contractor:</b>	Korte & Luitjohan Contractors, Inc 12052 Highland Road Highland, IL 62249
<b>Project:</b>	SWILCD
<b>Construction Package:</b>	BP2A

<b>Original Contract Amount:</b>	\$747,500.00	
<b>Change Order #1:</b>	\$2,245.00	Litorque Actuator
<b>Change Order #2:</b>	\$7,730.00	Additional Road Aggregate
<b>Change Order #3:</b>	\$434.00	Monroe County Building Permit
<b>Change Order # 4:</b>	\$0.00	Contract Time Extension
<b>Total Change Order Amount:</b>	\$10,409.00	
<b>Total Revised Contract Amount:</b>	\$757,909.00	

[illegible]



**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 2A

**PROJECT** Bid Package 2A

Original Contract Amount	Revised Contract Amount	% Change from Original Amount
\$747,500.00	\$757,909.00	1.39%

<b>Contractor:</b>	Korte & Luitjohan Contractors, Inc 12052 Highland Road Higland, IL 62249	
<b>Project:</b>	SWILCD	
<b>Construction Package:</b>	BP2B	
<b>Original Contract Amount:</b>	\$3,865,405.00	
<b>Change Order #1:</b>	\$434.00	Monroe County Building Permit
<b>Change Order #2:</b>	\$7,965.00	Additional Road Aggregate
<b>Total Change Order Amount:</b>	\$8,399.00	
<b>Total Revised Contract Amount:</b>	\$3,873,804.00	

[illegible]

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT** Bid Package 2B

**PROJECT NUMBER: SIFPDC-BP2B**

[illegible]

Original Contract Amoun	Revised Contract Amou	% Change from Original Amount
\$3,865,405.00	3,873,804.00	0.22%

## CONTRACT INVOICE LOG

**Contractor:** Keller Construction, Inc.  
22 Illini Drive  
Glen Carbon, IL 62034

**Project:** SWILCD  
**Construction Package:** BP03

**Original Contract Amount:** \$10,082,345.00

<b>Total Change Order Amount:</b>	\$0.00
<b>Total Revised Contract Amount:</b>	\$10,082,345.00

[illegible]

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council

**PROJECT NUMBER: SIFPDC-BP03**

## PROJECT Bid Package 03

[illegible]

Original Contract Amou	Revised Contract Amou	% Change from Original Amount
\$10,082,345.00	10,082,345.00	0.00%

## CONTRACT INVOICE LOG

<b>Contractor:</b>	Haier Plumbing 22 Illini Drive Glen Carbon, IL 62034
<b>Project:</b>	SWILCD
<b>Construction Package:</b>	BP04

<b>Original Contract Amount:</b>	\$3,190,232.45	
<b>Change Order #1:</b>	\$8,196.30	Flyght Pump & Locking Sewer Lids per MESD
<b>Change Order #2:</b>	\$949.90	Fence Polycarbonate
<b>Change Order #3:</b>	\$10,488.00	Fence Grounding per Ameren
<b>Total Change Order Amount:</b>	\$19,634.20	
<b>Total Revised Contract Amount:</b>	\$3,209,866.65	

[illegible]

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT** Bid Package 04

**PROJECT NUMBER: SIFPDC-BP04**

[illegible]

Original Contract Amoun	Revised Contract Amou	% Change from Original Amount
\$3,190,232.45	3,209,866.65	0.62%

## CONTRACT INVOICE LOG

**Contractor:** Keller Construction, Inc.  
22 Illini Drive  
Glen Carbon, IL 62034

**Project:** SWILCD  
**Construction Package:** BP05

<b>Original Contract Amount:</b>	\$8,256,481.84	
<b>Change Order #1:</b>	\$19,698.78	Locking Sewer Lids per MESD
<b>Change Order #2:</b>	\$2,815.00	Gravity Drain Cleanout

<b>Total Change Order Amount:</b>	\$22,513.78
<b>Total Revised Contract Amount:</b>	\$8,278,995.62

[illegible]



**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT** Bid Package 05

**PROJECT NUMBER:** SIFPDC-BP05

[illegible]

Original Contract Amoun	Revised Contract Amou	% Change from Original Amount
\$8,256,481.84	8,278,995.62	0.27%

## CONTRACT INVOICE LOG

<b>Contractor:</b>	The Lane Construction Corporation 90 Fieldstone Ct. Cheshire, CT 06410-1212
<b>Project:</b>	SWILCD
<b>Construction Package:</b>	BP06

Original Contract Amount:	\$12,857,127.75	
Change Order #1:	\$0.00	Spiral Wound Slip Lining
Change Order #2:	\$1,870.00	Bronze Survey Markers
Total Change Order Amount:	\$1,870.00	
Total Revised Contract Amount:	\$12,858,997.75	

[illegible]

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT** Bid Package 06

**PROJECT Bid Package 06**

Original Contract Amoun	Revised Contract Amou	% Change from Original Amount
\$12,857,127.75	\$12,858,997.75	0.01%