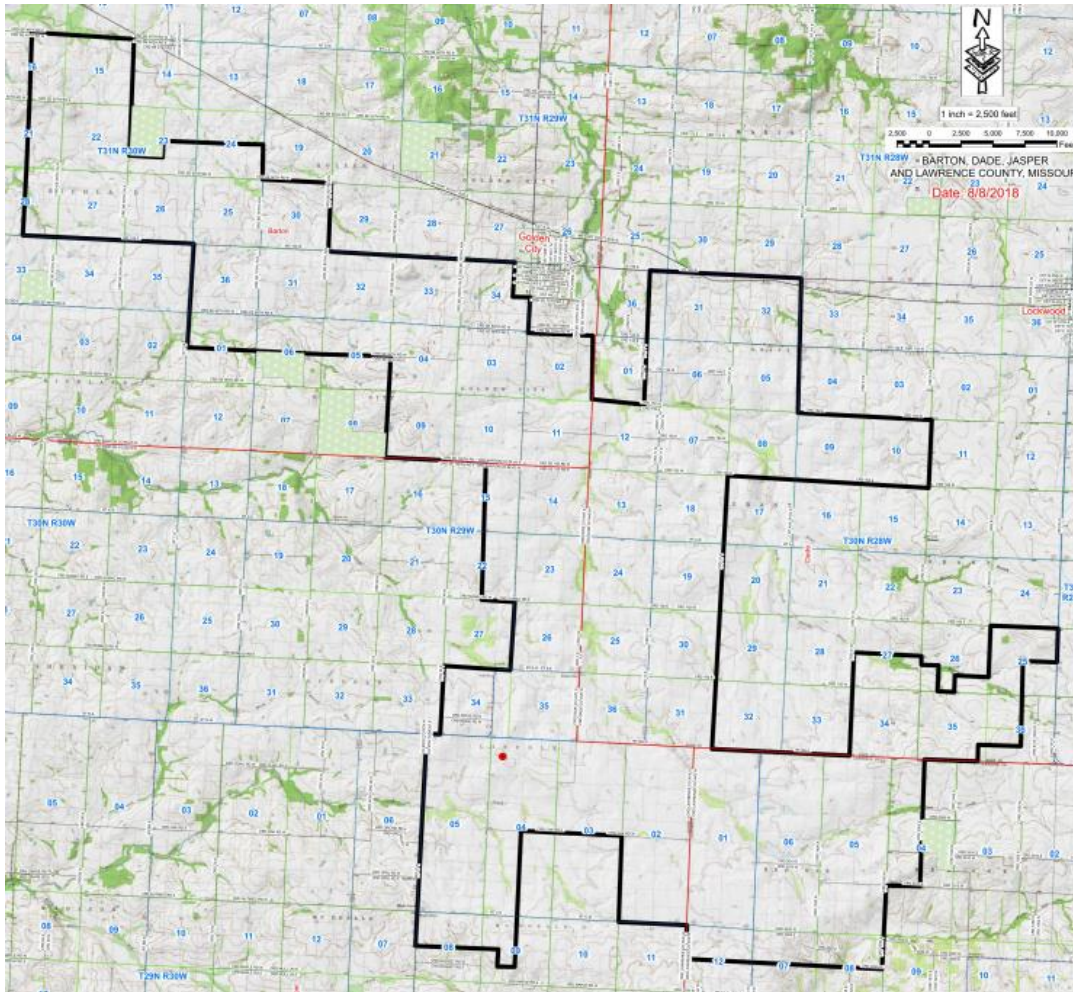


# Kings Point Wind Project

*Barton, Dade, Jasper and Lawrence Counties, Missouri*



*Project Progress Report No. 1  
March - May 2019*

**\*\*Indicates Confidential\*\* Pursuant to 20 CSR 4240-2.135(2)(A)5**  
**\*HC\*Indicates Highly Confidential\*HC\* Pursuant to 20 CSR 4240-2.135(4)**



*Liberty Utilities – Empire District  
602 S. Joplin Ave.  
Joplin, MO 64802*

# Kings Point Wind Project Project Progress Report No. 1

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*March - May 2019*

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## 1.0 Summary

From a transaction perspective, this was an eventful period, with both Seller and Liberty Utilities achieving a number of contractual milestones. On the development front, significant progress was made on a number of the required permits, especially those related to wildlife. Tenaska also identified real estate to target for improving collection system layout efficiency and project constructability. Engineering during the report period was largely focused on the generation tie line. Tenaska also issued a purchase order for the main power transformer for the project, guaranteeing its delivery date.

## 2.0 Safety

No safety incidents to report at this time. More detailed reports regarding safety will be provided in the future, especially following the commencement of construction activities.

## 3.0 Project Schedule

To date, contractual milestones have been met by both the Seller and Liberty Utilities on or before the deadlines established by the Purchase and Sale Agreement (PSA) and its amendments. Contractual milestones achieved during the report period are as follows:

- *Seller:*
  - *Deliver recommended preliminary project layout – March 1*
  - *Enter into binding documentation for a guaranteed delivery date for main power transformer (MPT) – March 31*
  - *Submit pre-construction notice to the U.S. Army Corps of Engineers (USACE) – May 28*
- *Liberty Utilities:*
  - *Deliver draft FERC 203 application to Seller – March 29*
  - *Execute Project Implementation Agreements with counties – April 1*
  - *Provide interconnection facilities electrical design parameters to Seller – April 1*

Contractual milestones to be achieved in the next report period (June – August 2019) and their deadlines are as follows: \*HC\*

\*HC\*

Both parties have made sufficient progress to achieve the milestones due in the next report period on or before their respective deadlines. The project is on track to achieve commercial operations on or before December 31, 2020; thereby receiving the full value of Production Tax Credits available to the project.

A more detailed schedule analysis will be provided in future reports following commencement of construction activities.

## 4.0 Development Activities

Development activities for the period were focused on permitting, especially those related to wildlife; although there was some real estate activity as well.

The 2019 bat monitoring campaign began on March 1. Acoustic detectors were placed in the field in February to meet a commitment to the U.S. Fish and Wildlife Service (USFWS) to begin the migration study earlier in 2019 than in 2018 in order to detect the earliest arrival of gray bats in the project area. Aerial nest surveys for eagles and other raptors were conducted during the week beginning March 11. Liberty Utilities met with the USFWS and Missouri Department of Conservation (MDC) at USFWS offices in Columbia, MO on May 13 to discuss comments to the draft habitat conservation plan that had been provided to the USFWS. The major topics of discussion were additional bat activity surveys to be performed during the summer of 2019 and opportunities for take mitigation. Additional surveys include acoustic monitoring outside of the gray bat's known foraging areas to learn more about how the species uses the project area, and aerial tracking of bats to locate any colonies that may not have previously been identified. The USFWS and MDC identified a significant gray bat colony that may provide all or most of the mitigation required to offset the impact of Kings Point and North Fork Ridge. Liberty is investigating this opportunity.

Stantec delivered the first draft of the eagle conservation plan (ECP) to Liberty in February. Stantec and Liberty worked on multiple revisions to the first draft, and provided the draft ECP to the USFWS in April. Liberty working to schedule a meeting with the USFWS to discuss the ECP, but this meeting is unlikely to occur until June because the USFWS' regional eagle lead is conducting field work until then. PSA deadline for final draft ECP is October 1, 2019.

Liberty also continued to pursue a technical assistance letter (TAL) for the project as required by the PSA. The TAL details a set of voluntary restrictions that will allow operation of the project while avoiding take of threatened or endangered species and is meant to serve as a "bridge" to the HCP and incidental take permits. A follow up conference regarding the TAL request with USFWS was held on March 22, with MDC in attendance. USFWS was in agreement regarding Liberty's proposed cut-in speed of 8 m/s. USFWS also indicated that the TAL could be issued prior to the PSA milestone deadline. A draft TAL was received in May. The draft TAL includes curtailment of turbines within 1300' of riparian areas and seasonal restrictions of tree clearing. Liberty and Tenaska provided counter arguments to these new restrictions and held a conference call with USFWS April 29 to discuss those arguments. The USFWS

issued a TAL for Kings Point on May 10 with restrictions on tree clearing and setbacks from riparian areas that are less restrictive than those in the draft TAL.

Noise and shadow flicker studies, the Project Implementation Agreements, and the agreement between MDC and Liberty required some changes to the project layout. Some of these changes required relocations of turbine sites beyond the distance allowed under the determinations of no hazard (DNH) received from the FAA. Tenaska engaged with Capital Airspace Group to prepare FAA re-submittals. A kickoff meeting was held on March 5 to discuss the refiling strategy. Capital Airspace Group submitted FAA DNH filings for the relocated turbine sites in May.

During the report period, Stantec performed a number of surveys on behalf of Tenaska in order to prepare pre-construction notices to the USACE. During the course of the cultural resource survey, Stantec identified a potentially significant cultural resource on generation tie line route. Tenaska ordered a more intensive survey of the site in May. This survey is anticipated to be completed in mid-May. The results of this survey may impact line route or design.

Tenaska has identified additional land for leasing to optimize collection system routing and for temporary impacts such as crane walks and temporary road improvements. Tenaska's land agents made contact with all of those landowners during the report period. Tenaska has identified landowners willing to host temporary laydown yards, and is working with a landowner on an option to purchase or lease land for the project substation and maintenance facility. Tenaska ordered title commitments for all parcels identified as hosting project infrastructure. During the second week of May, Tenaska met with all landowners that will either host project infrastructure or be temporarily impacted during construction (road improvements, crane walks, etc.).

Project Implementation Agreements were executed with Dade and Lawrence counties during the report period. The Project Implementation agreement was approved by Barton and Jasper counties in January.

Due to significant delays in the Southwest Power Pool's (SPP) interconnection study process, Liberty filed an interim interconnection request in November. Unfortunately, this process also stalled out, and in February, Liberty, Tenaska and Apex Clean Energy met with SPP in Little Rock to discuss allowing interconnection customers to hire a contractor to perform interim interconnection studies. Liberty and Apex worked with SPP throughout March and into April on a scope of study and set of assumptions. Burns & McDonnell (BMcD) was contracted to perform the interim interconnection study for Kings Point, North Fork Ridge and Neosho Ridge. BMcD commenced performance on their scope of work on April 11 and anticipate completion on or before June 18. BMcD has delivered preliminary load flow results from interim interconnection study that are consistent with Liberty's assumptions.

## 5.0 Construction Activities

Construction activities during the report period largely consisted of engineering.

The generation tie line design advanced, with both 10% and 30% design packages delivered during the report period. The 30% design review meeting with Tenaska and Mortenson was held in Joplin on May 16. The 30% design package for foundations was also delivered during the report period.

Tenaska received main power transformer bids in March, and after evaluation issued a purchase order to Siemens for the main power transformer.

On May 22, a severe thunderstorm moved through the project area. The 60 m anemometer on met tower 1115 was damaged and failed completely a few days later. Tenaska has contacted Clean Energy Renewables for a replacement.

## 6.0 Project Cost Report

Expenditures during the report period totaled **\*\* \_\_\_\_\_ \*\***. Project expenditures to date are **\*\* \_\_\_\_\_ \*\*** of the total budgeted expenditure of **\*\* \_\_\_\_\_ \*\***. There have been no increases to the anticipated total capital expense at completion. See the next page for a report detailing expenses by budget category.

	Kings Point - *HC* <u>Highly Confidential</u> in its Entirety*HC*

## 7.0 Progress Photos

No photographs to share at this time.



## Appendices

April 12, 2019

Todd Mooney / Julian Ristow / Tim Wilson / Shaen Rooney / Scott Rowland / Sean Fairfield / Becky Heffren  
The Empire District Electric Company  
602 S. Joplin Avenue  
Joplin, MO 64801

Via E-mail: [Todd.Mooney@algonquinpower.com](mailto:Todd.Mooney@algonquinpower.com); [Julian.Ristow@LibertyUtilities.com](mailto:Julian.Ristow@LibertyUtilities.com);  
[Tim.Wilson@libertyutilities.com](mailto:Tim.Wilson@libertyutilities.com); [Shaen.Rooney@libertyutilities.com](mailto:Shaen.Rooney@libertyutilities.com); [rsrowland2014@gmail.com](mailto:rsrowland2014@gmail.com);  
[Sean.Fairfield@algonquinpower.com](mailto:Sean.Fairfield@algonquinpower.com); [Becky.Heffren@libertyutilities.com](mailto:Becky.Heffren@libertyutilities.com)

**Re: Kings Point Monthly Report**

Dear Todd / Julian / Tim / Shaen / Scott / Sean / Becky:

This is the monthly report of Sellers pursuant to Section 4.7(a)(i) of the Purchase and Sale Agreement dated October 11, 2018 by and between The Empire District Electric Company, Tenaska Missouri Matrix Wind Holdings, LLC and Steelhead Missouri Matrix Wind Holdings, LLC for the Kings Point wind project (the "PSA"), as amended from time to time. Capitalized terms used herein and not defined have the meanings given thereto in the PSA.

As of April 1, 2019, the status of the Seller's development activities for the site is:

- Development engineering
  - Seller modified the Kings Point recommended array for feedback from the Missouri Department of Conservation ("MDC") concerning setbacks from riparian corridors. This modified array will be the design that supports the pre-construction notice for the Clean Water Act Section 404 permitting.
  - Westwood and Vestas provided haul route options for the Project. Seller commissioned additional inspections to evaluate the viability of each option. Potential road improvements for each option are also being incorporated into the pre-construction notice.
  - Seller calculated revised collection quantities and costs for its recommended Kings Point array, as modified for MDC feedback, and provided a summary of the results to Purchaser on March 29<sup>th</sup>. Based on the current layout, increased collection quantities could result in Additional Costs of approximately \$2.2 million. This Additional Cost amount is subject to refinement as the collection system is matured and optimized via additional engineering design phases.
  - Seller signed a purchase order with Siemens to procure a main power transformer for the Project.
  - Seller completed 10% engineering design for the generation tie line. One outstanding issue for the Kings Point generation tie line is the crossing of the Spring River. Specifically, the

engineering team needs to identify a crossing solution that limits forested wetland impacts to a level that can be mitigated using available qualifying wetland credits.

- Seller is preparing for 30% engineering design for the windfarm and generation tie line.
- Environmental & permitting
  - Stantec substantially completed the wetland and cultural survey work for the windfarm footprint and the generation tie line corridor.
  - Stantec began drafting wetland and cultural resource reports required to support the development of the pre-construction notices for the Clean Water Act Section 404 permitting. Stantec also started drafting the pre-construction notice.
  - Seller and Purchaser continued engagement with the U.S. Fish and Wildlife Service concerning its Technical Assistance Letter request for threatened and endangered species, including the gray bat. The parties held a call with the Service on March 22<sup>nd</sup>.
- Real estate
  - Seller is working with the Thomas family to establish a land purchase option of 5 acres for the project collector substation.
  - Seller identified potential laydown yard sites for the Project. The identified landowners are willing to have a laydown yard on their property. Seller will enter into a temporary easement with them.
  - Seller ordered title commitments for all remaining parcels currently identified as having facilities.
- SPP generator interconnection
  - Seller is supporting Purchaser in efforts to ensure SPP completes the Project's interim generator interconnection studies on a timeline that supports the Project's schedule.

### **Project Costs**

#### **Kings Point - Project to Date Costs as of February 28, 2019**

Third Party Development Costs	\$ 544,255
Internal Direct Employee Costs	\$ 575,422
Equipment Costs	\$10,019,909
Additional Costs	
Gen Tie Engineering, Procurement, Construction	\$ 1,075

Equipment Costs represent the cost to purchase, store, insure, and maintain the Project PTC Components

### **Seller Development Milestones**

As of the date of this report, Seller's current estimated dates of achievement for the Seller Development Milestones set forth in Annex 2 of the PSA are consistent with the dates in such Annex 2.

Please do not hesitate to contact me if you have questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. Seier". The signature is stylized with a large initial "S" and a cursive "Seier".

Scott P. Seier  
Vice President  
Tenaska Strategic Development & Acquisitions

May 20, 2019

Todd Mooney / Julian Ristow / Tim Wilson / Shaen Rooney / Scott Rowland / Sean Fairfield / Becky Heffren  
The Empire District Electric Company  
602 S. Joplin Avenue  
Joplin, MO 64801

Via E-mail: [Todd.Mooney@algonquinpower.com](mailto:Todd.Mooney@algonquinpower.com); [Julian.Ristow@LibertyUtilities.com](mailto:Julian.Ristow@LibertyUtilities.com);  
[Tim.Wilson@libertyutilities.com](mailto:Tim.Wilson@libertyutilities.com); [Shaen.Rooney@libertyutilities.com](mailto:Shaen.Rooney@libertyutilities.com); [rsrowland2014@gmail.com](mailto:rsrowland2014@gmail.com);  
[Sean.Fairfield@algonquinpower.com](mailto:Sean.Fairfield@algonquinpower.com); [Becky.Heffren@libertyutilities.com](mailto:Becky.Heffren@libertyutilities.com)

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As of May 1, 2019, the status of the Seller's development activities for the site is:

- Development engineering
  - Capitol Airspace submitted the revised FAA determination of no hazard filings for the wind turbine locations. The basis for these submittals was the layout which was revised for MDC feedback on riparian corridor setbacks. Seller and Purchaser agreed in April to continue advancing design efforts based on this layout.
  - Seller provided a 30% engineering design plan for the wind farm and generation tie line.
  - Seller delivered the 30% foundation design package to Purchaser in April.
  - Seller is preparing to resume geotechnical work, with the scope covering sites not drilled last fall and sites which need to be re-drilled due to micro-siting moves.
- Environmental & permitting
  - Stantec continued drafting wetland and cultural resource reports required to support the development of the pre-construction notices for the Clean Water Act Section 404 permitting. All reports but one are complete. Stantec advanced drafting of the pre-construction notice.
  - Stantec identified a potential significant cultural resource site on the Kings Point generation tie line route. Seller authorized Stantec to perform a Phase II cultural resource archaeological evaluation to determine whether the site is eligible for NRHP listing and, if eligible, determine areas within the site suitable for transmission line structures. The Phase II work is expected to conclude in May.

- Seller determined that the project will impact forested wetlands. The U.S. Army Corps of Engineers will require a mitigation plan for forested wetland impacts prior to issuing Nationwide Permit coverage under Clean Water Act Section 404. Seller intends to mitigate by purchasing mitigation credits.
- Seller and Purchaser continued engagement with the U.S. Fish and Wildlife Service concerning a Technical Assistance Letter for threatened and endangered species, including the gray bat. The parties held a follow up call with the Service on April 29<sup>th</sup>. Areas of concern include greater than expected limitations on tree clearing and a greater than expected setback from riparian corridors.
- Real estate
  - Seller continues to identify and pursue lease agreements that may reduce overall project costs through layout optimization.
- Local/government/landowner relations
  - Seller started landowner site plan consultations at the end of April. Seller is reviewing maps of planned facilities with each impacted landowner.
- SPP generator interconnection
  - Seller is supporting Purchaser in efforts to ensure SPP completes the Project's interim generator interconnection studies on a timeline that supports the Project's schedule. In particular, and with the concurrence of SPP, Purchaser is performing the interim interconnection studies required to obtain an interim SPP generator interconnection agreement.

### **Project Costs**

#### **Kings Point - Project to Date Costs as of March 31, 2019**

Third Party Development Costs	\$ 870,730
Internal Direct Employee Costs	\$ 674,958
Equipment Costs	\$10,034,689
Additional Costs	
Gen Tie Engineering, Procurement, Construction	\$ 4,408

Equipment Costs represent the cost to purchase, store, insure, and maintain the Project PTC Components

### **Seller Development Milestones**

As of the date of this report, Seller's current estimated dates of achievement for the Seller Development Milestones set forth in Annex 2 of the PSA are consistent with the dates in such Annex 2.

Please do not hesitate to contact me if you have questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "S. Seier". The signature is stylized with a large initial "S" and a cursive "Seier".

Scott P. Seier  
Vice President  
Tenaska Strategic Development & Acquisitions

June 18, 2019

Todd Mooney / Julian Ristow / Tim Wilson / Shaen Rooney / Scott Rowland / Sean Fairfield / Becky Heffren  
The Empire District Electric Company  
602 S. Joplin Avenue  
Joplin, MO 64801

Via E-mail: [Todd.Mooney@algonquinpower.com](mailto:Todd.Mooney@algonquinpower.com); [Julian.Ristow@LibertyUtilities.com](mailto:Julian.Ristow@LibertyUtilities.com);  
[Tim.Wilson@libertyutilities.com](mailto:Tim.Wilson@libertyutilities.com); [Shaen.Rooney@libertyutilities.com](mailto:Shaen.Rooney@libertyutilities.com); [rsrowland2014@gmail.com](mailto:rsrowland2014@gmail.com);  
[Sean.Fairfield@algonquinpower.com](mailto:Sean.Fairfield@algonquinpower.com); [Becky.Heffren@libertyutilities.com](mailto:Becky.Heffren@libertyutilities.com)

**Re: Kings Point Monthly Report**

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As of June 1, 2019, the status of the Seller's development activities for the site is:

- Development engineering
  - Seller advanced 30% engineering design for the project in May.
  - Seller and Purchaser conducted a generation tie line design review meeting in Joplin with Mortenson in May. Comments to the 30% design package were received via this design review meeting. Seller provided Purchaser an indicative cost estimate for the generation tie line in May. The teams also identified cost optimization opportunities in design review meeting. Seller will work with Purchaser to review these opportunities with landowners to determine which are actionable.
  - Seller is working with Mortenson to develop design alternatives for the generation tie line crossing of a significant cultural resource site known as FS-18. Seller is considering a solution that spans the site as well as solutions that route around the site. To route to the east, Seller will need to work with Purchaser to obtain additional transmission line easement options from additional landowners. For purposes of the pre-construction notice ("PCN") submitted to the U.S. Army Corps of Engineers ("USACE"), Seller submitted a design with transmission structures in low density finding areas of FS-18.
  - Purchaser completed review of the 30% foundation design package in May.
  - Seller started geotechnical fieldwork for all remaining wind turbine sites in May.
  - Purchaser agreed to clarifications to the electrical loss limit technical specifications in Sections 7.1.4 through 7.1.6 of Annex 5 to the PSA.



- Purchaser agreed to clarifications to the technical specifications in Section 7.4.6 of Annex 5 to the PSA to raise ampacity ratings for underground collection cables.
- Seller submitted a proposal and technical justification to Purchaser to plow underground collection cable for the project. Purchaser is in process of reviewing.
- Environmental & permitting
  - Stantec completed the wetland and cultural resource reports required to support the development of the PCN for the Clean Water Act Section 404 permitting.
  - Seller completed and submitted the PCN for the Clean Water Act Section 404 permitting. USACE confirmed receipt of the PCN on May 28, 2019.
  - Stantec identified a potential significant cultural resource site on the Kings Point generation tie line route, which has been designated as FS-18. Stantec completed a Phase II cultural resource archaeological evaluation and determined that FS-18 is likely is eligible for NRHP listing. Seller is evaluating design options to avoid FS-18. Seller also authorized additional cultural fieldwork to define the western and eastern extents of FS-18. The northern and southern extents were defined via the previous fieldwork.
  - Seller entered into an agreement in May to reserve the maximum potential amount of wetland mitigation credits needed to offset forested wetland impacts. Procurement of these credits will satisfy USACE's requirement to have a mitigation plan for forested wetland impacts in place prior to issuing Nationwide Permit coverage under Clean Water Act Section 404.
  - Seller and Purchaser continued engagement with the U.S. Fish and Wildlife Service ("USFWS") concerning a Technical Assistance Letter ("TAL") for threatened and endangered species, including the gray bat. The USFWS issued a TAL for Kings Point in May.
- Real estate
  - Seller amended the land lease and wind easement agreement with the Thomas family to allow for the collector substation to be built on their property under this agreement.
  - Seller signed temporary easements for laydown yards in May.
  - Seller has now ordered title commitments for all properties within the project boundary.
  - Seller worked with Purchaser to obtain survey access to the properties east of the FS-18 for purposes of additional cultural resource field surveys.
  - Seller started work with Purchaser to obtain transmission line easement options from owners of the properties to the east of FS-18. These options may be needed to route the generation tie line around FS-18.
  - Seller engaged Dade, Jasper, and Lawrence counties Farm Services Agency ("FSA") office to review the letter to landowners relating to Conservation Reserve Program ("CRP") notification and to obtain their concurrence with the approach. The FSA offices will work with landowners to remove CRP property impacted by the project.
- Local/government/landowner relations
  - Seller completed landowner site plan consultations in early May. Seller reviewed maps of planned facilities with each impacted landowner. Seller is incorporating feedback from these meetings into the project design.
  - Seller engaged with the Missouri Department of Transportation in May regarding a road use agreement.
  - Seller has engaged the counties to confirm Westwood as the engineer under the county road use agreements. Dade, Jasper, and Lawrence counties have approved and signed the confirmation.

- SPP generator interconnection
  - Seller is supporting Purchaser in efforts to ensure SPP completes the Project's interim generator interconnection studies on a timeline that supports the Project's schedule. In particular, and with the concurrence of SPP, Purchaser is performing the interim interconnection studies required to obtain an interim SPP generator interconnection agreement.

### **Project Costs**

#### **Kings Point - Project to Date Costs as of April 30, 2019**

Third Party Development Costs	\$ 1,271,719
Internal Direct Employee Costs	\$ 779,201
Equipment Costs	\$10,049,469
Additional Costs	
Gen Tie Engineering, Procurement, Construction	\$ 84,286

Equipment Costs represent the cost to purchase, store, insure, and maintain the Project PTC Components

### **Seller Development Milestones**

As of the date of this report, Seller's current estimated dates of achievement for the Seller Development Milestones set forth in Annex 2 of the PSA are consistent with the dates in such Annex 2.

Please do not hesitate to contact me if you have questions.

Sincerely,



Scott P. Seier  
Vice President  
Tenaska Strategic Development & Acquisitions

April 3, 2019

Mr. Drew Landoll, P.E.  
Senior Manager of Strategic Projects  
Empire District – Liberty Utilities Central  
602 S. Joplin Ave.  
Joplin, MO 64801

**Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: March 2019**

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in March and activities anticipated in April 2019.

### **NORTH FORK RIDGE (NFR) TASKS**

#### **Task 201 – NFR Project Management**

A summary for Task 201 is provided below:

- March Charges - \$1,288.00
- \$30,000 Approved Budget
- \$11,146 Cost-to-Date
- March Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming April Activities
  - Conference calls
  - Emails
  - Internal and external meetings

#### **Task 202 – NFR Eagle Use Survey**

A summary for Task 202 is provided below:

- March Charges - \$4,711.68

- \$58,500 Approved Budget
- \$7,853 Cost-to-Date
- March Activity
  - Completed monthly field surveys
- Upcoming April Activities
  - Monthly field survey

#### **Task 203 – NFR Aerial Nest Survey**

A summary for Task 203 is provided below:

- March Charges - \$11,049.86
- \$45,000 Approved Budget
- \$15,656 Cost-to-Date
- March Activity
  - Completed field surveys
- Upcoming April Activities
  - Payment to helicopter subcontractor
  - Data management
  - Report writing

#### **Task 204 – NFR Avian Migration Survey**

A summary for Task 204 is provided below:

- March Charges - \$1,176.82
- \$20,000 Approved Budget
- \$1,745 Cost-to-Date
- March Activity
  - Completed one round of field surveys
- Upcoming April Activities
  - Two rounds of field surveys

#### **Task 205 – NFR Raptor Migration Surveys**

A summary for Task 205 is provided below:

- March Charges - \$236
- \$14,000 Approved Budget
- \$647 Cost-to-Date
- March Activity
  - Completed one round of field surveys
- Upcoming April Activities
  - Two rounds of field surveys

#### **Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 206 is provided below:

- March Charges - \$1,958.64
- \$43,800 Approved Budget
- \$11,542 Cost-to-Date
- March Activities
  - Data card downloads
  - Data management
- Upcoming April Activities
  - Data card downloads
  - Data management

#### **Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 207 is provided below:

- March Charges - \$87.00
- \$99,900 Approved Budget
- \$87 Cost-to-Date
- March Activity
  - Annual bat survey reporting to USFWS for 2018 data
- Upcoming April Activity
  - None

**Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 208 is provided below:

- March Charges - \$399.36
- \$30,900 Approved Budget
- \$3,826 Cost-to-Date
- March Activities
  - Data card downloads
  - Data management
- Upcoming April Activities
  - Data card downloads
  - Data management

**Task 209 – NFR Habitat Conservation Plan**

A summary for Task 209 is provided below:

- March Charges - \$5,069.25
- \$97,700 Approved Budget
- \$14,402 Cost-to-Date
- March Activities
  - Writing draft template report
  - Addressed Empire's draft comments
  - Internal conference call
  - Submittal of draft HCP to the USFWS
- Upcoming April Activity
  - Addressing agency comments

**Task 210 – NFR Eagle Conservation Plan**

A summary for Task 210 is provided below:

- March Charges - \$0
- \$53,700 Approved Budget
- \$4,361 Cost-to-Date

- March Activities
  - Writing draft template report
  - Addressed Empire's draft comments
- Upcoming April Activities
  - Internal conference call
  - Submittal of draft ECP to the USFWS
  - Addressing agency comments

#### **Task 211 – NFR Bird and Bat Conservation Strategy**

A summary for Task 211 is provided below:

- March Charges - \$1,364.25
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- March Activity
  - Writing draft template report
- Upcoming April Activity
  - Writing draft template report

#### **Task 212 – NFR National Environmental Policy Act (NEPA)**

A summary for Task 212 is provided below:

- March Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- March Activity
  - None
- Upcoming April Activity
  - None

**KINGS POINT (KP) TASKS****Task 301 – KP Project Management**

A summary for Task 301 is provided below:

- March Charges - \$1,656.00
- \$30,000 Approved Budget
- \$5,581 Cost-to-Date
- March Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming April Activities
  - Conference calls
  - Emails
  - Internal and external meetings

**Task 302 – KP Eagle Use Survey**

A summary for Task 302 is provided below:

- March Charges - \$6,454.37
- \$73,700 Approved Budget
- \$13,344 Cost-to-Date
- March Activity
  - Completed monthly field surveys
- Upcoming April Activities
  - Monthly field survey

**Task 303 – KP Aerial Nest Survey**

A summary for Task 303 is provided below:

- March Charges - \$15,172.25
- \$51,300 Approved Budget
- \$20,595 Cost-to-Date



- March Activity
  - Completed field surveys
- Upcoming April Activities
  - Payment to helicopter subcontractor
  - Data management
  - Report writing

#### **Task 304 – KP Avian Migration Survey**

A summary for Task 304 is provided below:

- March Charges - \$2,066.27
- \$20,000 Approved Budget
- \$2,719 Cost-to-Date
- March Activity
  - Completed one round of field surveys
- Upcoming April Activities
  - Two rounds of field surveys

#### **Task 305 – KP Raptor Migration Surveys**

A summary for Task 305 is provided below:

- March Charges - \$1,338.75
- \$14,000 Approved Budget
- \$1,750 Cost-to-Date
- March Activity
  - Completed one round of field surveys
- Upcoming April Activities
  - Two rounds of field surveys

#### **Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 306 is provided below:

- March Charges - \$1,506.39
- \$52,100 Approved Budget

- \$10,225 Cost-to-Date
- March Activities
  - Data card downloads
  - Data management
- Upcoming April Activities
  - Data card downloads
  - Data management

#### **Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 307 is provided below:

- March Charges - \$58.00
- \$143,700 Approved Budget
- \$58 Cost-to-Date
- March Activity
  - Annual bat survey reporting to USFWS for 2018 data
- Upcoming April Activity
  - None

#### **Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 308 is provided below:

- March Charges - \$312.00
- \$24,000 Approved Budget
- \$2,566 Cost-to-Date
- March Activities
  - Data card downloads
  - Data management
- Upcoming April Activities
  - Data card downloads
  - Data management

**Task 309 – KP Habitat Conservation Plan**

A summary for Task 309 is provided below:

- March Charges - \$6,332.25
- \$97,700 Approved Budget
- \$16,177 Cost-to-Date
- March Activity
  - Writing draft template report
- Upcoming April Activity
  - Writing draft template report

**Task 310 – KP Eagle Conservation Plan**

A summary for Task 310 is provided below:

- March Charges - \$1,370.00
- \$53,700 Approved Budget
- \$9,886 Cost-to-Date
- March Activity
  - Writing draft template report
- Upcoming April Activity
  - Writing draft template report

**Task 311 – KP Bird and Bat Conservation Strategy**

A summary for Task 311 is provided below:

- March Charges - \$1,364.25
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- March Activity
  - Writing draft template report
- Upcoming April Activity
  - Writing draft template report

**Task 312 – KP National Environmental Policy Act (NEPA)**

A summary for Task 312 is provided below:

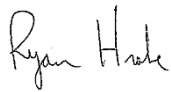
- March Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- March Activity
  - None
- Upcoming April Activity
  - None

The March invoice to Empire District for Kings Point is expected to be \$64,971.70 which will be provided by April 10, 2019. The April invoice is expected to be approximately \$80,000. All work is authorized by PO 159276. Detailed project financial information can be found in Attachment A.

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or [ryan.hrabe@stantec.com](mailto:ryan.hrabe@stantec.com).

Sincerely,

**STANTEC CONSULTING SERVICES INC.**



Ryan Hrabe  
Project Manager

## ATTACHMENT A

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	201	NFR Project Management	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	201	NFR Project Management	Direct Labor	28,728.00	9,858.00	9,858.00	34%	18,870.00	1,288.00	17,582.00	39%	11,146.00
	<b>Total for Task:</b>	<b>201</b>		<b>30,000.00</b>	<b>9,858.00</b>	<b>9,858.00</b>	<b>33%</b>	<b>20,142.00</b>	<b>1,288.00</b>	<b>18,854.00</b>	<b>37%</b>	<b>11,146.00</b>
Empire 2019 Kings/North	202	NFR Eagle Use Survey	Direct Expenses	9,580.00	96.25	96.25	1%	9,483.75	760.18	8,723.57	9%	856.43
Empire 2019 Kings/North	202	NFR Eagle Use Survey	Direct Labor	48,920.00	3,044.75	3,044.75	6%	45,875.25	3,951.50	41,923.75	14%	6,996.25
	<b>Total for Task:</b>	<b>202</b>		<b>58,500.00</b>	<b>3,141.00</b>	<b>3,141.00</b>	<b>5%</b>	<b>55,359.00</b>	<b>4,711.68</b>	<b>50,647.32</b>	<b>13%</b>	<b>7,852.68</b>
Empire 2019 Kings/North	203	NFR Aerial Nest Survey	Direct Expenses	3,762.00	3,458.13	3,458.13	92%	303.87	833.86	(529.99)	114%	4,291.99
Empire 2019 Kings/North	203	NFR Aerial Nest Survey	Direct Labor	25,238.00	1,148.50	1,148.50	5%	24,089.50	10,216.00	13,873.50	45%	11,364.50
Empire 2019 Kings/North	203	NFR Aerial Nest Survey	Subconsultants	16,000.00	0.00	0.00	0%	16,000.00	0.00	16,000.00	0%	0.00
	<b>Total for Task:</b>	<b>203</b>		<b>45,000.00</b>	<b>4,606.63</b>	<b>4,606.63</b>	<b>10%</b>	<b>40,393.37</b>	<b>11,049.86</b>	<b>29,343.51</b>	<b>35%</b>	<b>15,656.49</b>
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Expenses	3,472.00	0.00	0.00	0%	3,472.00	308.07	3,163.93	9%	308.07
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Labor	16,528.00	568.50	568.50	3%	15,959.50	868.75	15,090.75	9%	1,437.25
	<b>Total for Task:</b>	<b>204</b>		<b>20,000.00</b>	<b>568.50</b>	<b>568.50</b>	<b>3%</b>	<b>19,431.50</b>	<b>1,176.82</b>	<b>18,254.68</b>	<b>9%</b>	<b>1,745.32</b>
Empire 2019 Kings/North	205	NFR Raptor Migration	Direct Labor	14,000.00	411.00	411.00	3%	13,589.00	236.25	13,352.75	5%	647.25
	<b>Total for Task:</b>	<b>205</b>		<b>14,000.00</b>	<b>411.00</b>	<b>411.00</b>	<b>3%</b>	<b>13,589.00</b>	<b>236.25</b>	<b>13,352.75</b>	<b>5%</b>	<b>647.25</b>
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Expenses	7,795.00	0.00	0.00	0%	7,795.00	511.39	7,283.61	7%	511.39
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Labor	36,005.00	10,105.75	10,105.75	28%	25,899.25	925.25	24,974.00	31%	11,031.00
	<b>Total for Task:</b>	<b>206</b>		<b>43,800.00</b>	<b>10,105.75</b>	<b>10,105.75</b>	<b>23%</b>	<b>33,694.25</b>	<b>1,436.64</b>	<b>32,257.61</b>	<b>26%</b>	<b>11,542.39</b>
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Expenses	19,130.00	0.00	0.00	0%	19,130.00	0.00	19,130.00	0%	0.00
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Labor	58,770.00	0.00	0.00	0%	58,770.00	87.00	58,683.00	0%	87.00
Empire 2019 Kings/North	207	NFR Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>207</b>		<b>99,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>99,900.00</b>	<b>87.00</b>	<b>99,813.00</b>	<b>0%</b>	<b>87.00</b>
Empire 2019 Kings/North	208	NFR Gray Bat Migration	Direct Expenses	1,800.00	0.00	0.00	0%	1,800.00	88.36	1,711.64	5%	88.36
Empire 2019 Kings/North	208	NFR Gray Bat Migration	Direct Labor	19,100.00	3,426.50	3,426.50	18%	15,673.50	311.00	15,362.50	20%	3,737.50
	<b>Total for Task:</b>	<b>208</b>		<b>20,900.00</b>	<b>3,426.50</b>	<b>3,426.50</b>	<b>16%</b>	<b>17,473.50</b>	<b>399.36</b>	<b>17,074.14</b>	<b>18%</b>	<b>3,825.86</b>

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	209	NFR HCP	Direct Labor	97,700.00	9,333.00	9,333.00	10%	88,367.00	5,069.25	83,297.75	15%	14,402.25
	<b>Total for Task:</b>	<b>209</b>		<b>97,700.00</b>	<b>9,333.00</b>	<b>9,333.00</b>	<b>10%</b>	<b>88,367.00</b>	<b>5,069.25</b>	<b>83,297.75</b>	<b>15%</b>	<b>14,402.25</b>
Empire 2019 Kings/North	210	NFR ECP	Direct Labor	53,700.00	4,360.75	4,360.75	8%	49,339.25	0.00	49,339.25	8%	4,360.75
	<b>Total for Task:</b>	<b>210</b>		<b>53,700.00</b>	<b>4,360.75</b>	<b>4,360.75</b>	<b>8%</b>	<b>49,339.25</b>	<b>0.00</b>	<b>49,339.25</b>	<b>8%</b>	<b>4,360.75</b>
Empire 2019 Kings/North	211	NFR BBCS	Direct Labor	40,300.00	1,918.00	1,918.00	5%	38,382.00	1,364.25	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>211</b>		<b>40,300.00</b>	<b>1,918.00</b>	<b>1,918.00</b>	<b>5%</b>	<b>38,382.00</b>	<b>1,364.25</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	212	NFR NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>212</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
Empire 2019 Kings/North	301	KP Project Management	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	301	KP Project Management	Direct Labor	28,728.00	3,924.50	3,924.50	14%	24,803.50	1,656.00	23,147.50	19%	5,580.50
	<b>Total for Task:</b>	<b>301</b>		<b>30,000.00</b>	<b>3,924.50</b>	<b>3,924.50</b>	<b>13%</b>	<b>26,075.50</b>	<b>1,656.00</b>	<b>24,419.50</b>	<b>19%</b>	<b>5,580.50</b>
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Expenses	11,348.00	110.00	110.00	1%	11,238.00	762.37	10,475.63	8%	872.37
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Labor	62,352.00	6,779.50	6,779.50	11%	55,572.50	5,692.00	49,880.50	20%	12,471.50
	<b>Total for Task:</b>	<b>302</b>		<b>73,700.00</b>	<b>6,889.50</b>	<b>6,889.50</b>	<b>9%</b>	<b>66,810.50</b>	<b>6,454.37</b>	<b>60,356.13</b>	<b>18%</b>	<b>13,343.87</b>
Empire 2019 Kings/North	303	KP Aerial Nest Survey	Direct Expenses	5,154.00	4,419.38	4,419.38	86%	734.62	1,067.25	(332.63)	106%	5,486.63
Empire 2019 Kings/North	303	KP Aerial Nest Survey	Direct Labor	26,146.00	1,003.50	1,003.50	4%	25,142.50	14,105.00	11,037.50	58%	15,108.50
Empire 2019 Kings/North	303	KP Aerial Nest Survey	Subconsultants	20,000.00	0.00	0.00	0%	20,000.00	0.00	20,000.00	0%	0.00
	<b>Total for Task:</b>	<b>303</b>		<b>51,300.00</b>	<b>5,422.88</b>	<b>5,422.88</b>	<b>11%</b>	<b>45,877.12</b>	<b>15,172.25</b>	<b>30,704.87</b>	<b>40%</b>	<b>20,595.13</b>
Empire 2019 Kings/North	304	KP Avian Migration	Direct Expenses	3,472.00	0.00	0.00	0%	3,472.00	305.02	3,166.98	9%	305.02
Empire 2019 Kings/North	304	KP Avian Migration	Direct Labor	16,528.00	653.00	653.00	4%	15,875.00	1,761.25	14,113.75	15%	2,414.25
	<b>Total for Task:</b>	<b>304</b>		<b>20,000.00</b>	<b>653.00</b>	<b>653.00</b>	<b>3%</b>	<b>19,347.00</b>	<b>2,066.27</b>	<b>17,280.73</b>	<b>14%</b>	<b>2,719.27</b>
Empire 2019 Kings/North	305	KP Raptor Migration	Direct Labor	14,000.00	411.00	411.00	3%	13,589.00	1,338.75	12,250.25	12%	1,749.75
	<b>Total for Task:</b>	<b>305</b>		<b>14,000.00</b>	<b>411.00</b>	<b>411.00</b>	<b>3%</b>	<b>13,589.00</b>	<b>1,338.75</b>	<b>12,250.25</b>	<b>12%</b>	<b>1,749.75</b>
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Expenses	7,795.00	0.00	0.00	0%	7,795.00	472.39	7,322.61	6%	472.39
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Labor	44,305.00	8,718.75	8,718.75	20%	35,586.25	1,034.00	34,552.25	22%	9,752.75
	<b>Total for Task:</b>	<b>306</b>		<b>52,100.00</b>	<b>8,718.75</b>	<b>8,718.75</b>	<b>17%</b>	<b>43,381.25</b>	<b>1,506.39</b>	<b>41,874.86</b>	<b>20%</b>	<b>10,225.14</b>

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Expenses	23,800.00	0.00	0.00	0%	23,800.00	0.00	23,800.00	0%	0.00
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Labor	97,900.00	0.00	0.00	0%	97,900.00	58.00	97,842.00	0%	58.00
Empire 2019 Kings/North	307	KP Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>307</b>		<b>143,700.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>143,700.00</b>	<b>58.00</b>	<b>143,642.00</b>	<b>0%</b>	<b>58.00</b>
Empire 2019 Kings/North	308	KP Gray Bat Migration	Direct Expenses	2,000.00	0.00	0.00	0%	2,000.00	94.56	1,905.44	5%	94.56
Empire 2019 Kings/North	308	KP Gray Bat Migration	Direct Labor	22,000.00	2,254.00	2,254.00	10%	19,746.00	217.50	19,528.50	11%	2,471.50
	<b>Total for Task:</b>	<b>308</b>		<b>24,000.00</b>	<b>2,254.00</b>	<b>2,254.00</b>	<b>9%</b>	<b>21,746.00</b>	<b>312.06</b>	<b>21,433.94</b>	<b>11%</b>	<b>2,566.06</b>
Empire 2019 Kings/North	309	KP HCP	Direct Labor	97,700.00	9,844.25	9,844.25	10%	87,855.75	6,332.25	81,523.50	17%	16,176.50
	<b>Total for Task:</b>	<b>309</b>		<b>97,700.00</b>	<b>9,844.25</b>	<b>9,844.25</b>	<b>10%</b>	<b>87,855.75</b>	<b>6,332.25</b>	<b>81,523.50</b>	<b>17%</b>	<b>16,176.50</b>
Empire 2019 Kings/North	310	KP ECP	Direct Labor	53,700.00	8,516.25	8,516.25	16%	45,183.75	1,370.00	43,813.75	18%	9,886.25
	<b>Total for Task:</b>	<b>310</b>		<b>53,700.00</b>	<b>8,516.25</b>	<b>8,516.25</b>	<b>16%</b>	<b>45,183.75</b>	<b>1,370.00</b>	<b>43,813.75</b>	<b>18%</b>	<b>9,886.25</b>
Empire 2019 Kings/North	311	KP BBCS	Direct Labor	40,300.00	1,918.00	1,918.00	5%	38,382.00	1,364.25	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>311</b>		<b>40,300.00</b>	<b>1,918.00</b>	<b>1,918.00</b>	<b>5%</b>	<b>38,382.00</b>	<b>1,364.25</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	312	KP NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>312</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
<b>Empire District - Liberty Utilities Central</b>			<b>Total for Project: 193706599</b>	<b>1,294,100.00</b>	<b>96,281.26</b>	<b>96,281.26</b>	<b>7%</b>	<b>1,197,818.74</b>	<b>64,449.70</b>	<b>1,133,369.04</b>	<b>12%</b>	<b>160,730.96</b>

<sup>1</sup>WIP = Work in Progress (Unbilled)



May 7, 2019

Mr. Drew Landoll, P.E.  
Senior Manager of Strategic Projects  
Empire District – Liberty Utilities Central  
602 S. Joplin Ave.  
Joplin, MO 64801

**Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: April 2019**

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in April and activities anticipated in May 2019.

### **NORTH FORK RIDGE (NFR) TASKS**

#### **Task 201 – NFR Project Management**

A summary for Task 201 is provided below:

- April Charges - \$717
- \$30,000 Approved Budget
- \$11,863 Cost-to-Date
- April Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming May Activities
  - Conference calls
  - Emails
  - Internal and external meetings

#### **Task 202 – NFR Eagle Use Survey**

A summary for Task 202 is provided below:

- April Charges - \$4,415

- \$58,500 Approved Budget
- \$12,268 Cost-to-Date
- April Activity
  - Completed monthly field surveys
- Upcoming May Activities
  - Monthly field survey

#### **Task 203 – NFR Aerial Nest Survey**

A summary for Task 203 is provided below:

- April Charges - \$16,567
- \$45,000 Approved Budget
- \$32,223 Cost-to-Date
- April Activity
  - Report writing
  - Data management
  - Payment to helicopter subcontractor
  - Submitted draft report for review
- Upcoming May Activities
  - Address Empire comments to draft report

#### **Task 204 – NFR Avian Migration Survey**

A summary for Task 204 is provided below:

- April Charges - \$2,590
- \$20,000 Approved Budget
- \$4,683 Cost-to-Date
- April Activity
  - Completed two rounds of field surveys
- Upcoming May Activities
  - One round of field surveys

**Task 205 – NFR Raptor Migration Surveys**

A summary for Task 205 is provided below:

- April Charges - \$1,847
- \$14,000 Approved Budget
- \$2,494 Cost-to-Date
- April Activity
  - Completed two rounds of field surveys
- Upcoming May Activities
  - One round of field surveys

**Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 206 is provided below:

- April Charges - \$2,790
- \$43,800 Approved Budget
- \$14,332 Cost-to-Date
- April Activities
  - Data card downloads
  - Data management
- Upcoming May Activities
  - Data card downloads
  - Data management

**Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 207 is provided below:

- April Charges - \$0
- \$99,900 Approved Budget
- \$87 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity

- None

### **Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 208 is provided below:

- April Charges - \$1,322
- \$30,900 Approved Budget
- \$5,148 Cost-to-Date
- April Activities
  - Data card downloads
  - Data management
- Upcoming May Activities
  - Data card downloads
  - Data management

### **Task 209 – NFR Habitat Conservation Plan**

A summary for Task 209 is provided below:

- April Charges - \$7,283
- \$97,700 Approved Budget
- \$21,685 Cost-to-Date
- April Activities
  - REA model development
  - Agency call
- Upcoming May Activity
  - Addressing agency comments

### **Task 210 – NFR Eagle Conservation Plan**

A summary for Task 210 is provided below:

- April Charges - \$4,073
- \$53,700 Approved Budget
- \$8,434 Cost-to-Date

- April Activities
  - Writing draft template report
- Upcoming May Activities
  - Internal conference call
  - Submittal of draft ECP to the USFWS
  - Addressing agency comments

#### **Task 211 – NFR Bird and Bat Conservation Strategy**

A summary for Task 211 is provided below:

- April Charges - \$0
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity
  - Writing draft template report

#### **Task 212 – NFR National Environmental Policy Act (NEPA)**

A summary for Task 212 is provided below:

- April Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity
  - None

**KINGS POINT (KP) TASKS****Task 301 – KP Project Management**

A summary for Task 301 is provided below:

- April Charges - \$868
- \$30,000 Approved Budget
- \$6,449 Cost-to-Date
- April Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming May Activities
  - Conference calls
  - Emails
  - Internal and external meetings

**Task 302 – KP Eagle Use Survey**

A summary for Task 302 is provided below:

- April Charges - \$4,810
- \$73,700 Approved Budget
- \$18,154 Cost-to-Date
- April Activity
  - Completed monthly field surveys
- Upcoming May Activities
  - Monthly field survey

**Task 303 – KP Aerial Nest Survey**

A summary for Task 303 is provided below:

- April Charges - \$19,343
- \$51,300 Approved Budget
- \$39,938 Cost-to-Date

- April Activity
  - Completed field surveys
- Upcoming May Activities
  - Payment to helicopter subcontractor
  - Data management
  - Report writing

#### **Task 304 – KP Avian Migration Survey**

A summary for Task 304 is provided below:

- April Charges - \$2,893
- \$20,000 Approved Budget
- \$5,611 Cost-to-Date
- April Activity
  - Completed one round of field surveys
- Upcoming May Activities
  - Two rounds of field surveys

#### **Task 305 – KP Raptor Migration Surveys**

A summary for Task 305 is provided below:

- April Charges - \$1,847
- \$14,000 Approved Budget
- \$3,597 Cost-to-Date
- April Activity
  - Completed one round of field surveys
- Upcoming May Activities
  - Two rounds of field surveys

#### **Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 306 is provided below:

- April Charges - \$2,756
- \$52,100 Approved Budget

- \$12,981 Cost-to-Date
- April Activities
  - Data card downloads
  - Data management
- Upcoming May Activities
  - Data card downloads
  - Data management

#### **Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 307 is provided below:

- April Charges - \$0
- \$143,700 Approved Budget
- \$58 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity
  - None

#### **Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 308 is provided below:

- April Charges - \$1,404
- \$24,000 Approved Budget
- \$3,970 Cost-to-Date
- April Activities
  - Data card downloads
  - Data management
- Upcoming May Activities
  - Data card downloads
  - Data management



**Task 309 – KP Habitat Conservation Plan**

A summary for Task 309 is provided below:

- April Charges - \$5,872
- \$97,700 Approved Budget
- \$22,048 Cost-to-Date
- April Activity
  - Writing draft template report
- Upcoming May Activity
  - Writing draft template report

**Task 310 – KP Eagle Conservation Plan**

A summary for Task 310 is provided below:

- April Charges - \$7,150
- \$53,700 Approved Budget
- \$17,036 Cost-to-Date
- April Activity
  - Writing draft template report
- Upcoming May Activity
  - Writing draft template report

**Task 311 – KP Bird and Bat Conservation Strategy**

A summary for Task 311 is provided below:

- April Charges - \$0
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity
  - Writing draft template report

**Task 312 – KP National Environmental Policy Act (NEPA)**

A summary for Task 312 is provided below:

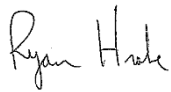
- April Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- April Activity
  - None
- Upcoming May Activity
  - None

The April invoice to Empire District for Kings Point is expected to be \$88,890.36 which will be provided by May 10, 2019. The May invoice is expected to be approximately \$60,000. All work is authorized by PO 159276. Detailed project financial information can be found in Attachment A.

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or [ryan.hrabe@stantec.com](mailto:ryan.hrabe@stantec.com).

Sincerely,

**STANTEC CONSULTING SERVICES INC.**



Ryan Hrabe  
Project Manager

## ATTACHMENT A

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	201	NFR Project Mgmt	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	201	NFR Project Mgmt	Direct Labor	28,728.00	11,146.00	11,146.00	39%	17,582.00	717.00	16,865.00	41%	11,863.00
	<b>Total for Task:</b>	<b>201</b>		<b>30,000.00</b>	<b>11,146.00</b>	<b>11,146.00</b>	<b>37%</b>	<b>18,854.00</b>	<b>717.00</b>	<b>18,137.00</b>	<b>40%</b>	<b>11,863.00</b>
Empire 2019 Kings/North	202	NFR Eagle Use Surv	Direct Expenses	9,580.00	856.43	856.43	9%	8,723.57	83.32	8,640.25	10%	939.75
Empire 2019 Kings/North	202	NFR Eagle Use Surv	Direct Labor	48,920.00	6,996.25	6,996.25	14%	41,923.75	4,330.75	37,593.00	23%	11,327.00
	<b>Total for Task:</b>	<b>202</b>		<b>58,500.00</b>	<b>7,852.68</b>	<b>7,852.68</b>	<b>13%</b>	<b>50,647.32</b>	<b>4,414.07</b>	<b>46,233.25</b>	<b>21%</b>	<b>12,266.75</b>
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Direct Expenses	19,762.00	4,291.99	4,291.99	22%	15,470.01	9,787.37	5,682.64	71%	14,079.36
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Direct Labor	25,238.00	11,364.50	11,364.50	45%	13,873.50	6,779.25	7,094.25	72%	18,143.75
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Subconsultants	0.00	0.00	0.00	0%	0.00	0.00	0.00	0%	0.00
	<b>Total for Task:</b>	<b>203</b>		<b>45,000.00</b>	<b>15,656.49</b>	<b>15,656.49</b>	<b>35%</b>	<b>29,343.51</b>	<b>16,566.62</b>	<b>12,776.89</b>	<b>72%</b>	<b>32,223.11</b>
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Expenses	3,472.00	308.07	308.07	9%	3,163.93	348.22	2,815.71	19%	656.29
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Labor	16,528.00	1,437.25	1,437.25	9%	15,090.75	2,589.50	12,501.25	24%	4,026.75
	<b>Total for Task:</b>	<b>204</b>		<b>20,000.00</b>	<b>1,745.32</b>	<b>1,745.32</b>	<b>9%</b>	<b>18,254.68</b>	<b>2,937.72</b>	<b>15,316.96</b>	<b>23%</b>	<b>4,683.04</b>
Empire 2019 Kings/North	205	NFR Raptor Migration	Direct Labor	14,000.00	647.25	647.25	5%	13,352.75	1,847.00	11,505.75	18%	2,494.25
	<b>Total for Task:</b>	<b>205</b>		<b>14,000.00</b>	<b>647.25</b>	<b>647.25</b>	<b>5%</b>	<b>13,352.75</b>	<b>1,847.00</b>	<b>11,505.75</b>	<b>18%</b>	<b>2,494.25</b>
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Expenses	7,795.00	511.39	511.39	7%	7,283.61	112.65	7,170.96	8%	624.04
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Labor	36,005.00	11,031.00	11,031.00	31%	24,974.00	2,676.50	22,297.50	38%	13,707.50
	<b>Total for Task:</b>	<b>206</b>		<b>43,800.00</b>	<b>11,542.39</b>	<b>11,542.39</b>	<b>26%</b>	<b>32,257.61</b>	<b>2,789.15</b>	<b>29,468.46</b>	<b>33%</b>	<b>14,331.54</b>
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Expenses	19,130.00	0.00	0.00	0%	19,130.00	0.00	19,130.00	0%	0.00
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Labor	58,770.00	87.00	87.00	0%	58,683.00	0.00	58,683.00	0%	87.00
Empire 2019 Kings/North	207	NFR Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>207</b>		<b>99,900.00</b>	<b>87.00</b>	<b>87.00</b>	<b>0%</b>	<b>99,813.00</b>	<b>0.00</b>	<b>99,813.00</b>	<b>0%</b>	<b>87.00</b>
Empire 2019 Kings/North	208	NFR Gray Bat Migra	Direct Expenses	1,800.00	88.36	88.36	5%	1,711.64	0.00	1,711.64	5%	88.36
Empire 2019 Kings/North	208	NFR Gray Bat Migra	Direct Labor	19,100.00	3,737.50	3,737.50	20%	15,362.50	1,321.50	14,041.00	26%	5,059.00
	<b>Total for Task:</b>	<b>208</b>		<b>20,900.00</b>	<b>3,825.86</b>	<b>3,825.86</b>	<b>18%</b>	<b>17,074.14</b>	<b>1,321.50</b>	<b>15,752.64</b>	<b>25%</b>	<b>5,147.36</b>
Empire 2019 Kings/North	209	NFR HCP	Direct Expenses	0.00	0.00	0.00	0%	0.00	10.00	(10.00)	0%	10.00
Empire 2019 Kings/North	209	NFR HCP	Direct Labor	97,700.00	14,402.25	14,402.25	15%	83,297.75	7,272.50	76,025.25	22%	21,674.75
	<b>Total for Task:</b>	<b>209</b>		<b>97,700.00</b>	<b>14,402.25</b>	<b>14,402.25</b>	<b>15%</b>	<b>83,297.75</b>	<b>7,282.50</b>	<b>76,015.25</b>	<b>22%</b>	<b>21,684.75</b>
Empire 2019 Kings/North	210	NFR ECP	Direct Labor	53,700.00	4,360.75	4,360.75	8%	49,339.25	4,073.00	45,266.25	16%	8,433.75

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
	<b>Total for Task:</b>	<b>210</b>		<b>53,700.00</b>	<b>4,360.75</b>	<b>4,360.75</b>	<b>8%</b>	<b>49,339.25</b>	<b>4,073.00</b>	<b>45,266.25</b>	<b>16%</b>	<b>8,433.75</b>
Empire 2019 Kings/North	211	NFR BBCS	Direct Labor	40,300.00	3,282.25	3,282.25	8%	37,017.75	0.00	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>211</b>		<b>40,300.00</b>	<b>3,282.25</b>	<b>3,282.25</b>	<b>8%</b>	<b>37,017.75</b>	<b>0.00</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	212	NFR NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>212</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
Empire 2019 Kings/North	301	KP Project Managemen	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	301	KP Project Managemen	Direct Labor	28,728.00	5,580.50	5,580.50	19%	23,147.50	868.00	22,279.50	22%	6,448.50
	<b>Total for Task:</b>	<b>301</b>		<b>30,000.00</b>	<b>5,580.50</b>	<b>5,580.50</b>	<b>19%</b>	<b>24,419.50</b>	<b>868.00</b>	<b>23,551.50</b>	<b>21%</b>	<b>6,448.50</b>
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Expenses	11,348.00	872.37	872.37	8%	10,475.63	0.00	10,475.63	8%	872.37
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Labor	62,352.00	12,471.50	12,471.50	20%	49,880.50	4,809.75	45,070.75	28%	17,281.25
	<b>Total for Task:</b>	<b>302</b>		<b>73,700.00</b>	<b>13,343.87</b>	<b>13,343.87</b>	<b>18%</b>	<b>60,356.13</b>	<b>4,809.75</b>	<b>55,546.38</b>	<b>25%</b>	<b>18,153.62</b>
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Direct Expenses	25,154.00	5,486.63	5,486.63	22%	19,667.37	12,601.12	7,066.25	72%	18,087.75
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Direct Labor	26,146.00	15,108.50	15,108.50	58%	11,037.50	6,742.00	4,295.50	84%	21,850.50
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Subconsultants	0.00	0.00	0.00	0%	0.00	0.00	0.00	0%	0.00
	<b>Total for Task:</b>	<b>303</b>		<b>51,300.00</b>	<b>20,595.13</b>	<b>20,595.13</b>	<b>40%</b>	<b>30,704.87</b>	<b>19,343.12</b>	<b>11,361.75</b>	<b>78%</b>	<b>39,938.25</b>
Empire 2019 Kings/North	304	KP Avian Migration	Direct Expenses	3,472.00	305.02	305.02	9%	3,166.98	302.58	2,864.40	18%	607.60
Empire 2019 Kings/North	304	KP Avian Migration	Direct Labor	16,528.00	2,414.25	2,414.25	15%	14,113.75	2,589.50	11,524.25	30%	5,003.75
	<b>Total for Task:</b>	<b>304</b>		<b>20,000.00</b>	<b>2,719.27</b>	<b>2,719.27</b>	<b>14%</b>	<b>17,280.73</b>	<b>2,892.08</b>	<b>14,388.65</b>	<b>28%</b>	<b>5,611.35</b>
Empire 2019 Kings/North	305	KP Raptor Migration	Direct Labor	14,000.00	1,749.75	1,749.75	12%	12,250.25	1,847.00	10,403.25	26%	3,596.75
	<b>Total for Task:</b>	<b>305</b>		<b>14,000.00</b>	<b>1,749.75</b>	<b>1,749.75</b>	<b>12%</b>	<b>12,250.25</b>	<b>1,847.00</b>	<b>10,403.25</b>	<b>26%</b>	<b>3,596.75</b>
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Expenses	7,795.00	472.39	472.39	6%	7,322.61	138.60	7,184.01	8%	610.99
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Labor	44,305.00	9,752.75	9,752.75	22%	34,552.25	2,617.50	31,934.75	28%	12,370.25
	<b>Total for Task:</b>	<b>306</b>		<b>52,100.00</b>	<b>10,225.14</b>	<b>10,225.14</b>	<b>20%</b>	<b>41,874.86</b>	<b>2,756.10</b>	<b>39,118.76</b>	<b>25%</b>	<b>12,981.24</b>
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Expenses	23,800.00	0.00	0.00	0%	23,800.00	0.00	23,800.00	0%	0.00
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Labor	97,900.00	58.00	58.00	0%	97,842.00	0.00	97,842.00	0%	58.00
Empire 2019 Kings/North	307	KP Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>307</b>		<b>143,700.00</b>	<b>58.00</b>	<b>58.00</b>	<b>0%</b>	<b>143,642.00</b>	<b>0.00</b>	<b>143,642.00</b>	<b>0%</b>	<b>58.00</b>
Empire 2019 Kings/North	308	KP Gray Bat Migratio	Direct Expenses	2,000.00	94.56	94.56	5%	1,905.44	0.00	1,905.44	5%	94.56
Empire 2019 Kings/North	308	KP Gray Bat Migratio	Direct Labor	22,000.00	2,471.50	2,471.50	11%	19,528.50	1,404.00	18,124.50	18%	3,875.50

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
	<b>Total for Task:</b>	<b>308</b>		<b>24,000.00</b>	<b>2,566.06</b>	<b>2,566.06</b>	<b>11%</b>	<b>21,433.94</b>	<b>1,404.00</b>	<b>20,029.94</b>	<b>17%</b>	<b>3,970.06</b>
Empire 2019 Kings/North	309	KP HCP	Direct Labor	97,700.00	16,176.50	16,176.50	17%	81,523.50	5,871.75	75,651.75	23%	22,048.25
	<b>Total for Task:</b>	<b>309</b>		<b>97,700.00</b>	<b>16,176.50</b>	<b>16,176.50</b>	<b>17%</b>	<b>81,523.50</b>	<b>5,871.75</b>	<b>75,651.75</b>	<b>23%</b>	<b>22,048.25</b>
Empire 2019 Kings/North	310	KP ECP	Direct Labor	53,700.00	9,886.25	9,886.25	18%	43,813.75	7,150.00	36,663.75	32%	17,036.25
	<b>Total for Task:</b>	<b>310</b>		<b>53,700.00</b>	<b>9,886.25</b>	<b>9,886.25</b>	<b>18%</b>	<b>43,813.75</b>	<b>7,150.00</b>	<b>36,663.75</b>	<b>32%</b>	<b>17,036.25</b>
Empire 2019 Kings/North	311	KP BBCS	Direct Labor	40,300.00	3,282.25	3,282.25	8%	37,017.75	0.00	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>311</b>		<b>40,300.00</b>	<b>3,282.25</b>	<b>3,282.25</b>	<b>8%</b>	<b>37,017.75</b>	<b>0.00</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	312	KP NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>312</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
<b>Empire District - Liberty Utilities Central</b>			<b>Total for Project: 193706599</b>	<b>1,294,100.00</b>	<b>160,730.96</b>	<b>160,730.96</b>	<b>12%</b>	<b>1,133,369.04</b>	<b>88,890.36</b>	<b>1,044,478.68</b>	<b>19%</b>	<b>249,621.32</b>

<sup>1</sup>WIP = Work in Progress (Unbilled)

June 5, 2019

Mr. Drew Landoll, P.E.  
Senior Manager of Strategic Projects  
Empire District – Liberty Utilities Central  
602 S. Joplin Ave.  
Joplin, MO 64801

**Reference: Progress Report for Empire District – Liberty Utilities Central – Kings Point and North Fork Ridge Wind Projects. Reporting Period: May 2019**

Dear Mr. Landoll:

Stantec Consulting Services, Inc. (Stantec) is working towards the completion of the requested Purchase Orders (PO # 159276) pertaining to the Kings Point Wind Project (Kings Point) and the North Fork Ridge Wind Project (North Fork Ridge) for Empire District – Liberty Utilities Central. This letter outlines the work performed for the approved tasks in May and activities anticipated in June 2019.

### **NORTH FORK RIDGE (NFR) TASKS**

#### **Task 201 – NFR Project Management**

A summary for Task 201 is provided below:

- May Charges - \$2,748
- \$30,000 Approved Budget
- \$14,611 Cost-to-Date
- May Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming June Activities
  - Conference calls
  - Emails
  - Internal and external meetings

**Task 202 – NFR Eagle Use Survey**

A summary for Task 202 is provided below:

- May Charges - \$3,792
- \$58,500 Approved Budget
- \$16,060 Cost-to-Date
- May Activity
  - Completed monthly field surveys
- Upcoming June Activities
  - Monthly field survey

**Task 203 – NFR Aerial Nest Survey**

A summary for Task 203 is provided below:

- May Charges - \$2,861
- \$45,000 Approved Budget
- \$35,084 Cost-to-Date
- May Activity
  - Report writing
  - Submitted draft report for review
- Upcoming June Activities
  - Address Empire comments to draft report

**Task 204 – NFR Avian Migration Survey**

A summary for Task 204 is provided below:

- May Charges - \$4,696
- \$20,000 Approved Budget
- \$9,379 Cost-to-Date
- May Activity
  - Completed one round of field surveys
- Upcoming June Activities
  - Data Management



- Report writing

### **Task 205 – NFR Raptor Migration Surveys**

A summary for Task 205 is provided below:

- May Charges - \$3,846
- \$14,000 Approved Budget
- \$6,340 Cost-to-Date
- May Activity
  - Completed one round of field surveys
- Upcoming June Activities
  - Data management
  - Report Writing

### **Task 206 – NFR Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 206 is provided below:

- May Charges - \$2,498
- \$43,800 Approved Budget
- \$16,830 Cost-to-Date
- May Activities
  - Data card downloads
  - Data management
- Upcoming June Activities
  - Data card downloads
  - Data management

### **Task 207 – NFR Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 207 is provided below:

- May Charges - \$473
- \$99,900 Approved Budget
- \$560 Cost-to-Date

- May Activity
  - None. Timecard error. Labor hours to be moved to Task 206 on June invoice.
- Upcoming June Activity
  - None. Task will be superseded by new bat presence/absence proposals.

### **Task 208 – NFR Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 208 is provided below:

- May Charges - \$1,407
- \$30,900 Approved Budget
- \$6,555 Cost-to-Date
- May Activities
  - Data card downloads
  - Data management
- Upcoming June Activities
  - Data card downloads
  - Data management

### **Task 209 – NFR Habitat Conservation Plan**

A summary for Task 209 is provided below:

- May Charges - \$9,572
- \$97,700 Approved Budget
- \$31,257 Cost-to-Date
- May Activities
  - Agency meeting
  - Report writing and research
- Upcoming June Activity
  - Addressing agency comments

**Task 210 – NFR Eagle Conservation Plan**

A summary for Task 210 is provided below:

- May Charges - \$0
- \$53,700 Approved Budget
- \$8,434 Cost-to-Date
- May Activities
  - None. Waiting on agency comments on the Draft ECP.
- Upcoming June Activities
  - Agency meeting
  - Addressing agency comments

**Task 211 – NFR Bird and Bat Conservation Strategy**

A summary for Task 211 is provided below:

- May Charges - \$0
- \$40,300 Approved Budget
- \$3,282 Cost-to-Date
- May Activity
  - None
- Upcoming June Activity
  - Writing draft template report

**Task 212 – NFR National Environmental Policy Act (NEPA)**

A summary for Task 212 is provided below:

- May Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- May Activity
  - None
- Upcoming June Activity

- None

### **KINGS POINT (KP) TASKS**

#### **Task 301 – KP Project Management**

A summary for Task 301 is provided below:

- May Charges - \$2,672
- \$30,000 Approved Budget
- \$9,121 Cost-to-Date
- May Activities
  - Conference calls
  - Emails
  - Various project management duties
- Upcoming June Activities
  - Conference calls
  - Emails
  - Internal and external meetings

#### **Task 302 – KP Eagle Use Survey**

A summary for Task 302 is provided below:

- May Charges - \$5,619
- \$73,700 Approved Budget
- \$23,772 Cost-to-Date
- May Activity
  - Completed monthly field surveys
- Upcoming June Activities
  - Monthly field survey

#### **Task 303 – KP Aerial Nest Survey**

A summary for Task 303 is provided below:

- May Charges - \$2,208

- \$51,300 Approved Budget
- \$42,146 Cost-to-Date
- May Activity
  - Report writing
- Upcoming June Activities
  - Address client comments to draft report

#### **Task 304 – KP Avian Migration Survey**

A summary for Task 304 is provided below:

- May Charges - \$4,201
- \$20,000 Approved Budget
- \$9,812 Cost-to-Date
- May Activity
  - Completed one round of field surveys
- Upcoming June Activities
  - Data management
  - Report writing

#### **Task 305 – KP Raptor Migration Surveys**

A summary for Task 305 is provided below:

- May Charges - \$2,198
- \$14,000 Approved Budget
- \$5,795 Cost-to-Date
- May Activity
  - Completed one round of field surveys
- Upcoming June Activities
  - Data management
  - Report writing

**Task 306 – KP Long-Term Acoustic Bat Monitoring (Met Towers)**

A summary for Task 306 is provided below:

- May Charges - \$3,219
- \$52,100 Approved Budget
- \$16,201 Cost-to-Date
- May Activities
  - Data card downloads
  - Data management
- Upcoming June Activities
  - Data card downloads
  - Data management

**Task 307 – KP Bat Presence/Absence Surveys (Mist-netting and Telemetry)**

A summary for Task 307 is provided below:

- May Charges - \$682
- \$143,700 Approved Budget
- \$741 Cost-to-Date
- May Activity
  - None. Timecard error. Labor hours to be moved to Task 306 on June invoice.
- Upcoming June Activity
  - None. Task will be superseded by new bat presence/absence proposals.

**Task 308 – KP Gray Bat Migration Survey (Ground-Based Acoustic Bat Surveys)**

A summary for Task 308 is provided below:

- May Charges - \$2,194
- \$24,000 Approved Budget
- \$6,164 Cost-to-Date
- May Activities
  - Data card downloads
  - Data management

- Upcoming June Activities
  - Data card downloads
  - Data management

### **Task 309 – KP Habitat Conservation Plan**

A summary for Task 309 is provided below:

- May Charges - \$12,279
- \$97,700 Approved Budget
- \$34,327 Cost-to-Date
- May Activity
  - Agency meeting
  - Draft report writing
- Upcoming June Activity
  - Writing draft template report

### **Task 310 – KP Eagle Conservation Plan**

A summary for Task 310 is provided below:

- May Charges - \$0
- \$53,700 Approved Budget
- \$17,036 Cost-to-Date
- May Activities
  - None. Waiting on agency comments on the Draft ECP.
- Upcoming June Activities
  - Agency meeting
  - Addressing agency comments

### **Task 311 – KP Bird and Bat Conservation Strategy**

A summary for Task 311 is provided below:

- May Charges - \$0
- \$40,300 Approved Budget

- \$3,282 Cost-to-Date
- May Activity
  - None
- Upcoming June Activity
  - Writing draft template report

**Task 312 – KP National Environmental Policy Act (NEPA)**

A summary for Task 312 is provided below:

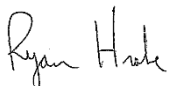
- May Charges - \$0
- \$84,900 Approved Budget
- \$0 Cost-to-Date
- May Activity
  - None
- Upcoming June Activity
  - None

The May invoice to Empire District for Kings Point is expected to be \$60,944.28 which will be provided by June 10, 2019. The June invoice is expected to be approximately \$100,000. All work is authorized by PO 159276. Note that Task 207 and 307 will be superseded by new proposals when approved. Detailed project financial information can be found in Attachment A.

We appreciate the opportunity to work with Empire District – Liberty Utilities Central on these projects. If you have any questions or comments, please do not hesitate to contact me at (913) 202-6872 or [ryan.hrabe@stantec.com](mailto:ryan.hrabe@stantec.com).

Sincerely,

**STANTEC CONSULTING SERVICES INC.**



Ryan Hrabe  
Project Manager



## ATTACHMENT A

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	201	NFR Project Mgmt	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	201	NFR Project Mgmt	Direct Labor	28,728.00	11,863.00	11,863.00	41%	16,865.00	2,748.00	14,117.00	51%	14,611.00
	<b>Total for Task:</b>	<b>201</b>		<b>30,000.00</b>	<b>11,863.00</b>	<b>11,863.00</b>	<b>40%</b>	<b>18,137.00</b>	<b>2,748.00</b>	<b>15,389.00</b>	<b>49%</b>	<b>14,611.00</b>
Empire 2019 Kings/North	202	NFR Eagle Use Surv	Direct Expenses	9,580.00	939.75	939.75	10%	8,640.25	727.57	7,912.68	17%	1,667.32
Empire 2019 Kings/North	202	NFR Eagle Use Surv	Direct Labor	48,920.00	11,327.00	11,327.00	23%	37,593.00	3,064.50	34,528.50	29%	14,391.50
	<b>Total for Task:</b>	<b>202</b>		<b>58,500.00</b>	<b>12,266.75</b>	<b>12,266.75</b>	<b>21%</b>	<b>46,233.25</b>	<b>3,792.07</b>	<b>42,441.18</b>	<b>27%</b>	<b>16,058.82</b>
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Direct Expenses	19,762.00	14,079.36	14,079.36	71%	5,682.64	0.00	5,682.64	71%	14,079.36
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Direct Labor	25,238.00	18,143.75	18,143.75	72%	7,094.25	2,861.00	4,233.25	83%	21,004.75
Empire 2019 Kings/North	203	NFR Aerial Nest Surv	Subconsultants	0.00	0.00	0.00	0%	0.00	0.00	0.00	0%	0.00
	<b>Total for Task:</b>	<b>203</b>		<b>45,000.00</b>	<b>32,223.11</b>	<b>32,223.11</b>	<b>72%</b>	<b>12,776.89</b>	<b>2,861.00</b>	<b>9,915.89</b>	<b>78%</b>	<b>35,084.11</b>
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Expenses	3,472.00	656.29	656.29	19%	2,815.71	605.25	2,210.46	36%	1,261.54
Empire 2019 Kings/North	204	NFR Avian Migration	Direct Labor	16,528.00	4,026.75	4,026.75	24%	12,501.25	4,091.00	8,410.25	49%	8,117.75
	<b>Total for Task:</b>	<b>204</b>		<b>20,000.00</b>	<b>4,683.04</b>	<b>4,683.04</b>	<b>23%</b>	<b>15,316.96</b>	<b>4,696.25</b>	<b>10,620.71</b>	<b>47%</b>	<b>9,379.29</b>
Empire 2019 Kings/North	205	NFR Raptor Migration	Direct Labor	14,000.00	2,494.25	2,494.25	18%	11,505.75	3,845.75	7,660.00	45%	6,340.00
	<b>Total for Task:</b>	<b>205</b>		<b>14,000.00</b>	<b>2,494.25</b>	<b>2,494.25</b>	<b>18%</b>	<b>11,505.75</b>	<b>3,845.75</b>	<b>7,660.00</b>	<b>45%</b>	<b>6,340.00</b>
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Expenses	7,795.00	624.04	624.04	8%	7,170.96	48.36	7,122.60	9%	672.40
Empire 2019 Kings/North	206	NFR Bat Acoustic	Direct Labor	36,005.00	13,707.50	13,707.50	38%	22,297.50	2,450.00	19,847.50	45%	16,157.50
	<b>Total for Task:</b>	<b>206</b>		<b>43,800.00</b>	<b>14,331.54</b>	<b>14,331.54</b>	<b>33%</b>	<b>29,468.46</b>	<b>2,498.36</b>	<b>26,970.10</b>	<b>38%</b>	<b>16,829.90</b>
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Expenses	19,130.00	0.00	0.00	0%	19,130.00	0.00	19,130.00	0%	0.00
Empire 2019 Kings/North	207	NFR Bat Surveys	Direct Labor	58,770.00	87.00	87.00	0%	58,683.00	472.50	58,210.50	1%	559.50
Empire 2019 Kings/North	207	NFR Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>207</b>		<b>99,900.00</b>	<b>87.00</b>	<b>87.00</b>	<b>0%</b>	<b>99,813.00</b>	<b>472.50</b>	<b>99,340.50</b>	<b>1%</b>	<b>559.50</b>
Empire 2019 Kings/North	208	NFR Gray Bat Migra	Direct Expenses	1,800.00	88.36	88.36	5%	1,711.64	0.00	1,711.64	5%	88.36
Empire 2019 Kings/North	208	NFR Gray Bat Migra	Direct Labor	19,100.00	5,059.00	5,059.00	26%	14,041.00	1,406.50	12,634.50	34%	6,465.50
	<b>Total for Task:</b>	<b>208</b>		<b>20,900.00</b>	<b>5,147.36</b>	<b>5,147.36</b>	<b>25%</b>	<b>15,752.64</b>	<b>1,406.50</b>	<b>14,346.14</b>	<b>31%</b>	<b>6,553.86</b>
Empire 2019 Kings/North	209	NFR HCP	Direct Expenses	0.00	10.00	10.00	0%	(10.00)	0.00	(10.00)	0%	10.00
Empire 2019 Kings/North	209	NFR HCP	Direct Labor	97,700.00	21,674.75	21,674.75	22%	76,025.25	9,571.50	66,453.75	32%	31,246.25
	<b>Total for Task:</b>	<b>209</b>		<b>97,700.00</b>	<b>21,684.75</b>	<b>21,684.75</b>	<b>22%</b>	<b>76,015.25</b>	<b>9,571.50</b>	<b>66,443.75</b>	<b>32%</b>	<b>31,256.25</b>
Empire 2019 Kings/North	210	NFR ECP	Direct Labor	53,700.00	8,433.75	8,433.75	16%	45,266.25	0.00	45,266.25	16%	8,433.75
	<b>Total for Task:</b>	<b>210</b>		<b>53,700.00</b>	<b>8,433.75</b>	<b>8,433.75</b>	<b>16%</b>	<b>45,266.25</b>	<b>0.00</b>	<b>45,266.25</b>	<b>16%</b>	<b>8,433.75</b>

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	211	NFR BBCS	Direct Labor	40,300.00	3,282.25	3,282.25	8%	37,017.75	0.00	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>211</b>		<b>40,300.00</b>	<b>3,282.25</b>	<b>3,282.25</b>	<b>8%</b>	<b>37,017.75</b>	<b>0.00</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	212	NFR NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>212</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
Empire 2019 Kings/North	301	KP Project Managemen	Direct Expenses	1,272.00	0.00	0.00	0%	1,272.00	0.00	1,272.00	0%	0.00
Empire 2019 Kings/North	301	KP Project Managemen	Direct Labor	28,728.00	6,448.50	6,448.50	22%	22,279.50	2,672.00	19,607.50	32%	9,120.50
	<b>Total for Task:</b>	<b>301</b>		<b>30,000.00</b>	<b>6,448.50</b>	<b>6,448.50</b>	<b>21%</b>	<b>23,551.50</b>	<b>2,672.00</b>	<b>20,879.50</b>	<b>30%</b>	<b>9,120.50</b>
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Expenses	11,348.00	872.37	872.37	8%	10,475.63	727.00	9,748.63	14%	1,599.37
Empire 2019 Kings/North	302	KP Eagle Use Sur	Direct Labor	62,352.00	17,281.25	17,281.25	28%	45,070.75	4,891.75	40,179.00	36%	22,173.00
	<b>Total for Task:</b>	<b>302</b>		<b>73,700.00</b>	<b>18,153.62</b>	<b>18,153.62</b>	<b>25%</b>	<b>55,546.38</b>	<b>5,618.75</b>	<b>49,927.63</b>	<b>32%</b>	<b>23,772.37</b>
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Direct Expenses	25,154.00	18,087.75	18,087.75	72%	7,066.25	0.00	7,066.25	72%	18,087.75
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Direct Labor	26,146.00	21,850.50	21,850.50	84%	4,295.50	2,208.00	2,087.50	92%	24,058.50
Empire 2019 Kings/North	303	KP Aerial Nest Surv	Subconsultants	0.00	0.00	0.00	0%	0.00	0.00	0.00	0%	0.00
	<b>Total for Task:</b>	<b>303</b>		<b>51,300.00</b>	<b>39,938.25</b>	<b>39,938.25</b>	<b>78%</b>	<b>11,361.75</b>	<b>2,208.00</b>	<b>9,153.75</b>	<b>82%</b>	<b>42,146.25</b>
Empire 2019 Kings/North	304	KP Avian Migration	Direct Expenses	3,472.00	607.60	607.60	18%	2,864.40	661.46	2,202.94	37%	1,269.06
Empire 2019 Kings/North	304	KP Avian Migration	Direct Labor	16,528.00	5,003.75	5,003.75	30%	11,524.25	3,539.50	7,984.75	52%	8,543.25
	<b>Total for Task:</b>	<b>304</b>		<b>20,000.00</b>	<b>5,611.35</b>	<b>5,611.35</b>	<b>28%</b>	<b>14,388.65</b>	<b>4,200.96</b>	<b>10,187.69</b>	<b>49%</b>	<b>9,812.31</b>
Empire 2019 Kings/North	305	KP Raptor Migration	Direct Labor	14,000.00	3,596.75	3,596.75	26%	10,403.25	2,198.25	8,205.00	41%	5,795.00
	<b>Total for Task:</b>	<b>305</b>		<b>14,000.00</b>	<b>3,596.75</b>	<b>3,596.75</b>	<b>26%</b>	<b>10,403.25</b>	<b>2,198.25</b>	<b>8,205.00</b>	<b>41%</b>	<b>5,795.00</b>
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Expenses	7,795.00	610.99	610.99	8%	7,184.01	90.81	7,093.20	9%	701.80
Empire 2019 Kings/North	306	KP Bat Acoustic Met	Direct Labor	44,305.00	12,370.25	12,370.25	28%	31,934.75	3,128.50	28,806.25	35%	15,498.75
	<b>Total for Task:</b>	<b>306</b>		<b>52,100.00</b>	<b>12,981.24</b>	<b>12,981.24</b>	<b>25%</b>	<b>39,118.76</b>	<b>3,219.31</b>	<b>35,899.45</b>	<b>31%</b>	<b>16,200.55</b>
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Expenses	23,800.00	0.00	0.00	0%	23,800.00	0.00	23,800.00	0%	0.00
Empire 2019 Kings/North	307	KP Bat Surveys	Direct Labor	97,900.00	58.00	58.00	0%	97,842.00	682.50	97,159.50	1%	740.50
Empire 2019 Kings/North	307	KP Bat Surveys	Subconsultants	22,000.00	0.00	0.00	0%	22,000.00	0.00	22,000.00	0%	0.00
	<b>Total for Task:</b>	<b>307</b>		<b>143,700.00</b>	<b>58.00</b>	<b>58.00</b>	<b>0%</b>	<b>143,642.00</b>	<b>682.50</b>	<b>142,959.50</b>	<b>1%</b>	<b>740.50</b>
Empire 2019 Kings/North	308	KP Gray Bat Migratio	Direct Expenses	2,000.00	94.56	94.56	5%	1,905.44	0.00	1,905.44	5%	94.56
Empire 2019 Kings/North	308	KP Gray Bat Migratio	Direct Labor	22,000.00	3,875.50	3,875.50	18%	18,124.50	2,193.50	15,931.00	28%	6,069.00
	<b>Total for Task:</b>	<b>308</b>		<b>24,000.00</b>	<b>3,970.06</b>	<b>3,970.06</b>	<b>17%</b>	<b>20,029.94</b>	<b>2,193.50</b>	<b>17,836.44</b>	<b>26%</b>	<b>6,163.56</b>

Project Name	Task Number	Task Name	Resource Category	Gross Revenue Budget	Billed To Date Budget	Billed Revenue To Date	% Billed To Date Budget	Billable Budget Remaining	WIP <sup>1</sup>	Revenue Budget Remaining	% Budget Consumed	\$ Budget Consumed
Empire 2019 Kings/North	309	KP HCP	Direct Expenses	0.00	0.00	0.00	0%	0.00	381.08	(381.08)	0%	381.08
Empire 2019 Kings/North	309	KP HCP	Direct Labor	97,700.00	22,048.25	22,048.25	23%	75,651.75	11,898.00	63,753.75	35%	33,946.25
	<b>Total for Task:</b>	<b>309</b>		<b>97,700.00</b>	<b>22,048.25</b>	<b>22,048.25</b>	<b>23%</b>	<b>75,651.75</b>	<b>12,279.08</b>	<b>63,372.67</b>	<b>35%</b>	<b>34,327.33</b>
Empire 2019 Kings/North	310	KP ECP	Direct Labor	53,700.00	17,036.25	17,036.25	32%	36,663.75	0.00	36,663.75	32%	17,036.25
	<b>Total for Task:</b>	<b>310</b>		<b>53,700.00</b>	<b>17,036.25</b>	<b>17,036.25</b>	<b>32%</b>	<b>36,663.75</b>	<b>0.00</b>	<b>36,663.75</b>	<b>32%</b>	<b>17,036.25</b>
Empire 2019 Kings/North	311	KP BBCS	Direct Labor	40,300.00	3,282.25	3,282.25	8%	37,017.75	0.00	37,017.75	8%	3,282.25
	<b>Total for Task:</b>	<b>311</b>		<b>40,300.00</b>	<b>3,282.25</b>	<b>3,282.25</b>	<b>8%</b>	<b>37,017.75</b>	<b>0.00</b>	<b>37,017.75</b>	<b>8%</b>	<b>3,282.25</b>
Empire 2019 Kings/North	312	KP NEPA	Direct Labor	84,900.00	0.00	0.00	0%	84,900.00	0.00	84,900.00	0%	0.00
	<b>Total for Task:</b>	<b>312</b>		<b>84,900.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0%</b>	<b>84,900.00</b>	<b>0.00</b>	<b>84,900.00</b>	<b>0%</b>	<b>0.00</b>
<b>Empire District - Liberty Utilities Central</b>			<b>Total for Project: 193706599</b>	<b>1,294,100.00</b>	<b>249,621.32</b>	<b>249,621.32</b>	<b>19%</b>	<b>1,044,478.68</b>	<b>67,164.28</b>	<b>977,314.40</b>	<b>24%</b>	<b>316,785.60</b>

<sup>1</sup>WIP = Work in Progress (Unbilled)