



January 13, 2016

Anita Ashton, Engineer III
City of Camas
616 NE 4th Avenue
Camas, WA 98607

**RE: NW Leadbetter Dr. Street Improvements Phase 1 - City Project # S-454C
Mitigation Activities Years 6-10**

Dear Ms. Anita Ashton,

As per your request, The Resource Company, Inc. (TRC) has prepared an amendment to the current agreement to conduct mitigation activities for City Project #S-454C. Mitigation activities requested by the City include plant installation, five years of site maintenance, irrigation, site monitoring, and a project contingency fund. The requested services are to ensure the site meets the required performance standards by the end of the 10-year monitoring period (2020). Tasks to be completed by TRC are as follows:

- 1) Re-plant the wetland creation and enhancement areas - February, 2016.
- 2) Conduct monthly site maintenance operations - April thru November, 2016-2020.
- 3) Irrigation for new plantings - Summer 2016.
- 4) Monitoring Report Submittal years 7 and 10 (2017 and 2020).
- 5) Monitoring Memos years 6, 8 and 9 (2016, 2018, and 2019).
- 6) Project Contingency Fund.

Details of work to be conducted and the costs associated with these tasks are detailed below:

Task 1: 2016 Re-planting

Planting will be completed no later than February 28, 2016, when bare root stock is dormant. Species susceptible to herbivory will be equipped with browse protection. Mulch will be applied around all installed plants. All materials and labor to complete this task is included in cost.

1,270 bare root woody plants @ \$7.50/plant installed:	\$ 9,525.00
City of Camas Sales Tax (8.4%):	\$ 800.10
2016 Planting Total:	\$ 10,325.10

Task 2: Site Maintenance 2016-2020

The site will be maintained, as stated in the Year 5 monitoring report, during the growing seasons of 2016-2020. Eight site visits will be conducted each year to control reed canarygrass, thistle, and birdsfoot trefoil. All other invasive species identified will also be controlled using approved eradication methods. All materials and labor to complete this task is included in cost.

Yearly Site Maintenance

Commercial Applicator (Aquatics Endorsed): \$ 1,280.00

Mechanical Maintenance: \$ 2,880.00

Yearly Site Maintenance Total: \$ 4,160.00

 5 yrs

5 Years of Site Maintenance: \$ 20,800.00

City of Camas Sales Tax (8.4%): \$ 1,747.20

2016-2020 Maintenance Total: \$ 22,547.20

Task 3: Irrigation (July – October, 2016)

TRC will complete irrigation site visits (July – October, 2016) to hand water new plantings to ensure establishment. 2,000 gallons of water will be dispersed throughout the mitigation areas during each site visit. Water will be applied directly to the base of each installed plant.

Hand Irrigation \$ 4,520.00

City of Camas Sales Tax (8.4%): \$ 379.68

Total Irrigation: \$ 4,899.68

Task 4: Monitoring Report Submittal (Years 7 and 10)

TRC will complete the necessary requirements for submittal of the monitoring reports to the COE and the City of Camas. Three site visits will be completed per monitoring year to monitor soil conditions and hydrology in the Creation area and plant survivability throughout the mitigation areas. Additional monitoring will assess the aerial coverage of invasive species. Hydrology monitoring will be completed during two site visits in the spring of each monitoring year. Plant survivability and invasive species coverage assessments will be conducted in the late summer. A report documenting the site inspections will be prepared and submitted to the appropriate agencies in the fall after review from City of Camas Engineers. Year 10 monitoring will include a site visit with the COE.

Year 7 - 25 hrs @ \$95/hr: \$ 2,375.00

Year 10 - 30 hrs @ \$95/hr: \$ 2,850.00

Monitoring Total: \$ 5,225.00

Task 5: Monitoring Memo Submittal (Years 6, 8, and 9)

Site visits will be conducted to determine plant survivability and invasive species coverage. Additional plantings or an increase in invasive species control will be identified at this time. The memo will be submitted to the City by early fall each year.

Monitoring Memo Submittal

Years 6, 8, and 9 – 14 hrs/year @ \$95/hr \$ 3,990.00

Task 6: Project Contingency Fund

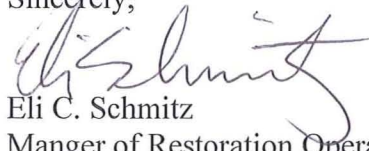
Provide additional services, on an as-need basis, when approved and authorized by the City. Authorization by the City shall be written, which may be an email notification.

Contingency Fund:

\$ 10,000.00

Based on our understanding of the project and what is required by federally issued permits, the total cost of the above described mitigation activities shall not exceed **\$ 56,986.98**. Task 6 costs are not to be used without prior authorization. If you have any questions or comments concerning this project please feel free to contact me at (360) 693-4555 or email GIS@trc-inc.org.

Sincerely,



Eli C. Schmitz

Manger of Restoration Operations