



Supplies & Services

A. Consumable supplies (itemize and justify succinctly)	
Keson <u>Open Reel Fiberglass Tape</u> 100m for measurements <u>along</u> transects ( <u>2</u> )	\$ 108.50
GPSMAP 66 Series handheld GPS device for <u>navigation to/within gaps</u>	\$ 399.99
25 Foot MeasureMark <u>Fiberglass Leveling Rod</u> to measure tree <u>height</u>	\$ 128.99
50 ft of <u>1/4in Elastic Bungee Shock Cord</u> for <u>stability</u> within three 1m <sup>2</sup> <u>quadrats</u>	\$ 18.62
Rite in the Rain All Weather <u>Copier Paper (2 packages of 50 sheets each)</u> for data collection	\$ 29.90
Suunto MC2 Mirror <u>Sighting Compass</u> with Built-In Clinometer for orientation in field	\$ <u>43.95</u>
 B. Duplicating, postage, communications, etc. (itemize and justify succinctly)	
_____	\$ _____
_____	\$ _____
 C. Other (describe, itemize and justify succinctly)	
	\$ _____
	\$ _____
<b>Supplies &amp; Services SUBTOTAL</b>	<b>\$ <u>729.95</u></b>

Travel Expenses

A. Transportation (describe arrangements and justify succinctly)	\$ <u>1077.53</u>
<u>30 local trips, averaging 25 miles round trip per trip, with reimbursement rate of \$0.51 per mile (30 x 25 x 0.51 = \$382.50); Round trips to Davenport, IA and Alton, IL (379.2 miles and 965.6 miles, respectively) with reimbursement rate of \$0.51 per mile (1362.8 x 0.51 = \$695.03)</u>	
B. Lodging (describe arrangements and justify succinctly)	\$ <u>298.00</u>
<u>Two-night hotel stays in Davenport, IA and Alton, IL for field work completion with collaborative research teams (Davenport rate = \$76/night; Alton rate = \$73/night)</u>	
<b>Travel Expenses SUBTOTAL</b>	<b>\$ <u>600.00*</u></b>

**\*Must limit travel expenses to \$600 as per RSEL guidelines.**

Supplies & Services SUBTOTAL	\$ <u>729.95</u>
Travel Expense SUBTOTAL	\$ <u>600.00</u>
<b>TOTAL FUNDING REQUESTED (not to exceed \$2,500)</b>	<b>\$ <u>1329.95</u></b>

FUNDING DISBURSEMENT REQUEST

- Portion of funding request to be spent before mid-June	\$ <u>729.95</u>
- Portion of funding request to be spent after July	\$ <u>600.00</u>

### Budget

I am requesting \$729.95 in consumable supplies with an additional \$600.00 for transportation and lodging. The consumable supplies will be purchased prior to mid-June 2019, and the travel budget will be spent after July 1, 2019. Consumable supplies include a GPSMAP 66 Series handheld GPS device that will be used for navigation to and within study areas (gaps), two Keson Open Reel Fiberglass 100m Tapes for accurate measurement along transects, and a 50ft roll of 1/4in Elastic Bungee Shock Cord to put within the quadrat frames that we already have to allow for easier transport and stability when in use. Additional desired supplies include one 25' MeasureMark Fiberglass Leveling Rod to effectively measure woody and herbaceous plant height, a Suunto MC2 Mirror Sighting Compass with Built-In Clinometer for orientation while in the field, and two packages (50 sheets per package) of Rite in the Rain paper to be used for data collection. Transportation expenses include 30 local trips, averaging 25 miles round trip per trip, plus round trips to Davenport, IA and Alton, IL to meet with collaborative research teams to finalize shared methodology and to assist with fieldwork in other gaps. A standard mileage reimbursement rate of \$0.51/mile is anticipated. Lodging expenses involve one two-night hotel stay in Davenport and one two-night hotel stay in Alton for fieldwork completion with collaborators. Specific dates are not yet determined; average June/July rates were utilized for budget formation. Travel expenses exceed the \$600.00 limit, but requested funds are limited to \$600.00 as per RSEL guidelines.

### Products

The project described here will be my Master's thesis. I anticipate that it will result in a peer-reviewed manuscript. I also intend on presenting at the UWL Celebration of Student Research and Creativity in Spring 2020 to share my research with others in the community. Additional presentations will be given at regional wetland and land management conferences in Fall 2019 and Spring 2020.