



Application

93274 - FY2021 Montana Land Information Act Grant Application - Final Application

95259 - BIG SKY WATER AND SEWER DISTRICT - AERIAL PHOTOGRAPHY COLLECTION & COMPILATION

MSL Montana Land Information Act Grant

Status:	Submitted	Original Submitted Date:	02/18/2020 9:07 PM	Submitted By:	Vincent Vern Palafox
		Last Submitted Date:	02/26/2020 7:39 AM	Last Submitted By:	Vincent Vern Palafox

Applicant Information

Primary Contact:

Name:*	Mr.	Vincent	Vern	Palafox
	Salutation	First Name	Middle Name	Last Name

Title:

Email:* Vince@wsd363.com

Alternate Email office@wsd363.com

Address:* 561 Little Coyote Road
office@wsd363.com

P.O. Box 160670

*	Big Sky	Montana	59716
	City	State/Province	Postal Code/Zip

Phone:* 406-283-1394
Phone
###-###-#### Ext.

Alternate Phone 406-995-2660

Fax: 406-995-2660

Comments:

Organization Information

Name:* Big Sky County Water & Sewer District 363

Organization Type: County Government

Organization Website: bigskywatersewer.com

Address:* 561 Little Coyote Road
P.O. Box 160670

561 Little Coyote Road

*	Big Sky	Montana	59716
	City	State/Province	Postal Code/Zip

Phone:* 406-995-2660

Ext.

Alternate Phone 406-580-2575

Fax: 406-580-2575

Email address office@wsd363.com

Alternate Email office@wsd363.com

Comments:

Applicant Organization and Contact Information

Type of Governmental Entity:* Any city, county, or other division of local government

Name of Agency/Entity:* Big Sky County Water And Sewer District No. 363

Department:* GIS Services

Division/Section (if applicable):

Mailing Address:* P.O. Box 160670

City:* Big Sky

County:* Gallatin

Zip Code:* 59716

Organization's Main Phone Number:* 406-995-2660

Organization's Fax Number: 406-995-3053

Primary Point of Contact

Salutation:* Mr.

Contact Name:* Vincent Palafox

Contact Title:* Water Operator/GIS Analyst

What is the contact's defined role in the proposed project:* Supervisor
Max 250 characters

Before completing the MLIA Grant application, the designated point of contact must read and understand the fiscal year 2021 Montana Land Information Act Grant Packet in its entirety.

Has the primary point of contact read the fiscal year 2021 Montana Land Information Act Grant Packet in its entirety?* Yes

Authorization Letter

Please attached signed authorization letter here as a PDF document:* MLIA_2021_BIGSKYCOUNTYWATERANDSEWER_CoverLetter..pdf

Proposal Information

The applicant must identify one grant priority that the proposed project will address.

Identified Grant Priority:* 2.2. Development of Base Geographic Data Layers That Support Local Information Needs and Activities

Please indicate whether or not the proposed grant is part of a multi-year proposal. If it is, please identify the intended total number of years for the project and the current year of the project. After clicking "yes" below, you will see text boxes appear in which you can enter the required information about the multi-year project.

Multi-Year Proposal:* No

Please list the person(s) who prepared this grant application.

Proposal Prepared By:* Vincent Palafox

Executive Summary:*

Please provide an executive summary of the proposed project.

There is a 3,000-character limit for the executive summary.

The District of Big Sky Water and Sewer District GIS Services would apply the Montana Land Information Act (MLIA) grant towards professional services to gather aerial photography and provide high resolution (0.25 feet) orthophotos for the Big Sky Water and Sewer District boundary.

Currently, District staff use either 2017 County NAIP imagery, Google Imagery or ESRI Basemap. These imagery sources are useful, but a recent and higher resolution imagery source would be valuable for land use planning with new growth and identifying new surface infrastructure features.

Relevance

Relevance to the FY2021 Montana Land Information Plan:*

In this section, please:

1.) Describe how the proposal meets the purpose of the Montana Land Information Act: to develop a standardized, sustainable method to collect, maintain, and disseminate information; and

2.) Clearly demonstrate how the proposal meets the defined FY2021 Montana Land Information Plan Priority.

There is a 3,000-character limit for the relevance narrative.

1.) This project meets the purpose of the Montana Land Information Act. The imagery collected will meet all the State's standards for coordinate systems and metadata. The collection method will be sustainable since the cost-share will be within typical allocations for grant applications. Due to the popularity of the area of interest, the state will be getting a high level of return on investment, when it comes to the potential use of the imagery in comparison to the size and cost of the imagery. Imagery is one of the most widely used GIS layers, having Big Sky Water and Sewer District imagery on the Montana State Library's Geographic Information Clearinghouse data list for aerial photography will be an added on value to the site and completely meet the intent of the Montana Land Information Act: to develop a standardized, sustainable method to collect, maintain, and disseminate information.

2.) The FY 2021 Montana Land Information Plan Priority meets Tier 2.2 Priority; development of base geographic data layers that support locational needs and support activities including, but not limited to land use planning, infrastructure, and asset management. This imagery would support the land use planning, infrastructure, and asset management activities in the area of interest by allowing developers to see buildings and subdivisions, along with private and public utilities identify surface utility features in the area of interest. Asset management includes knowing your assets, from knowing how many assets you have in different asset classes to locate the assets in the field and their elevation. The resolution of this imagery will allow the district to perform a high-level check on their asset inventory completeness and accuracy.

Public Benefit

Public Benefit:*

In this section, please describe why and demonstrate how the grant project will:

1.) Benefit a specific MSDI theme;

2.) Enhance the land information needs of multiple agencies or jurisdictions; and

3.) Benefit the citizens of Montana.

There is a 3,000-character limit for the public benefit narrative.

1.) This project will contribute to the collection of the Imagery MSDI theme.

2.) Organizations such as The Gallatin River Task Force and Gallatin Canyon Community could use it to determine the growth of the area and how fast development is occurring (which is difficult without having visual aid). The following entities could also utilize recent high-resolution imagery.

- The Fire Department
- The Police Department
- School System
- Big Sky Owners Association
- BIG Sky Community Organization

3.) The State of Montana would benefit from this project because the deliverable would be shared with the State and made publicly available for all citizens, which would bolster the Montana State Library's Geographic Information Clearinghouse data list for aerial photography (similar to the Gallatin Valley imagery collected in 2001). Having a recent and high-resolution orthophoto image of the Big Sky Water District would be useful for Montana Universities and Research Institutes, State Departments, and a variety of private companies in industries such as utility, environmental, business, real estate, etc.

Example Scenario - the general public would benefit the most when building or developing. The dig locate system uses aerial imagery to verify locate tickets. The operators taking the call are often confused when they see there is nothing on the map where we are calling in the locates. Road and addresses often take a

long time to update and without visual confirmation, this creates confusion both for the operators and the personnel involved in performing the locates.

Primary Project Manager Contact Information

Salutation:* Mr.
Name:* Vincent Palafox
Title:* Water Operator/GIS Analyst
Email Address:* vince@wsd363.com
Phone Number:* 406-283-1394

Secondary Project Manager Contact Information

Salutation:* Mr.
Name:* Ron Edwards
Title:* General Manager
Email Address:* ron@wsd363.com
Phone Number:* 406-995-2660

Organizational Capability

Organizational Capability:*

There is a 4,000-character limit for the organizational capability narrative.

Big Sky County Water & Sewer District has previously worked with consultants to acquire aerial imagery. Some of the consultants we have worked with in the past are Kerin & Associates, Stensrud & Associates, Morrison-Maierle, and Aero-Graphics just to name a few. Big Sky County Water & Sewer District has been working with GIS for over a decade. We currently map our assets in our system using Esri's "Arc" products. GIS information delivered to "The District" is often received in various coordinate systems and in several different formats. "The District" is competent in the conversion of coordinate systems and file formats. "The District" will easily be able to maintain the methodology outlined in the project scope.

Project Management

Project Management:*

There is a 10,000-character limit for the project management narrative.

1. Management Plan - The project manager will be responsible for making sure all aspects of the project are completed successfully. This includes any communication between consultants, all scheduling of any consultants used, verifying that all mandatory reporting is executed, maintaining sufficient communication between the State Library, and fulfilling all data requirements outlined in the project scope.

Primary Project Manager:

Vincent Palafox
 Water System Operator / GIS Analyst
 Big Sky Water & Sewer District No. 363
 (Office) 406-995-2660
 (Cell) 406-283-1394
 vince@wsd363.com

Secondary Project Manager:

Ron Edwards
 General Manager
 Big Sky Water & Sewer District No. 363
 (Office) 406-995-2660
 (Cell) 406-580-2575
 vince@wsd363.com

2. Past record of performance - Big Sky County Water & Sewer District has over a decade working with GIS, aerial imagery and mapping software. Vincent Palafox currently manages the GIS department for Big Sky Water & Sewer District. He is in charge of mapping, data collecting, archiving and maintaining all aspects of anything GIS-related for Big Sky Water & Sewer District. Ron Edwards has managed Big Sky County Water & Sewer District for over 15years. Ron Edwards has years of experience managing consultants on behalf of Big Sky County Water & Sewer District. He has grant management experience from the multiple times Big Sky County Water & Sewer District has applied, and been awarded grants from, the Renewable Resource Grant and Loan Program (RRGL)

Cost estimates for consultant fees were provided by Quantum Geospatial and Advanced Engineering and Environmental Services (AE2S). "The District" plans on using their services but has not procured these services with them. The procurement of services would be executed after the successful award of the grant application.

Key personnel for Quantum Geospatial:

Miles Strain, CP
Senior Project Manager
18391 Smith Ct., Elk River, MN 55330
M: 763.442.3398 | O: 763.420.9606
W: www.quantumspatial.com

Key personnel for AE2S:

Lucas Rengstorf
GIS Coordinator, GISP
Advanced Engineering and
Environmental Services, Inc. (AE2S)
4050 Garden View Drive, Suite 200
Grand Forks, ND 58201
Lucas.Rengstorf@AE2S.com
www.ae2s.com
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Brian Viall, PE
Operations Manager
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Nick Stattelman PLS, PE, CFedS
Survey Practice Leader
AE2S
4170 28th Ave S
Fargo, ND 58104
Nick.Stattelman@AE2S.com
www.ae2s.com
Voice: (701) 364-9111
Cell: (218) 230-4358

Contractual Services

Does the applicant intend to hire a consultant to perform work on the proposed project?* Yes

Name of consultant company/organization: AE2S

Primary contact at company/organization: Lucas Rengstorf

Invoicing Methodology

Please Attach Sample Invoicing Documents:* Cover & Invoice Sample.pdf

Scope of Work

Scope of Work:*

Please observe the following requirements and guidelines for completing the scope of work narrative:

Formatting, Writing, and Mandatory Form Requirements for this Section:

1. Refer to all hired or potential consultants/contractors as "consultant." Do not use individual or company names, e.g., Raster & Vector GIS Firm.
2. The following format is required for labeling goals, objectives, and tasks:
 - a. All goals must be numbered, e.g.: Goal 1: Improve GIS for County XYZ.
 - b. All objectives must be numbered in order and include their overarching goal, e.g., Objective 1.1: Complete an MLIA Grant Application.
 - c. All tasks must be numbered in order and include their overarching goal and objective, e.g., Task 1.1.1: Create a Web Grants User Profile.
3. Collecting Survey Control – Applicant must submit the "MLIA Proposed Survey Control Point Collection" form, provided in the MLIA Grant Application Packet, to identify the proposed collection.
4. The applicant is required to submit the "MLIA Grant Project Timeline." Please use the template provided below to complete the timeline.

Goals and Objectives – List the project goal or goals and objectives. Goals are separate and distinct from objectives. Project goals should be broad and provide a general statement of the project purpose. Each goal should have at least one measurable objective. Each objective should describe a specific outcome of the project and when this outcome will be achieved.

Tasks – Tasks must be described in chronological order necessary to accomplish the work under each objective. This description must provide sufficient detail to show that the tasks are achievable and will accomplish the objectives stated in the application. The description also should provide detail concerning the specific results of each task.

1. All equipment purchases must be listed as separate tasks. Each equipment purchase must be clearly described and include specific justification how the purchase will help achieve the applicant's goals and objectives.
 - a. Equipment purchases must comply with section 90-1-411 (1), MCA: "Money in the account may be used only for the purposes of this part, including purchasing technology to assist in collecting, maintaining, or disseminating land information and funding the budget required under 90-1-410."
2. Please refer to the MLIA Grant Compliance Section of the MLIA Grant Application Packet for GIS Project Planning Grants eligible expenditures and activities.
3. Please refer to Appendix B of the Montana Land Information Act Grant Packet for requirements for collecting survey control.

There is a 15,000-character limit for the scope of work narrative.

Scope of Work through Goals, Objectives, and Tasks are as followed:

Goal 1: Gather high resolution (0.25 feet) orthophotos for the Big Sky County Water and Sewer District boundary.

Objective 1.1: Have flight flown within an optimal timeframe for the most useful imagery product.

Task 1.1.1: Manage consultant aerial photography flight within the following schedule parameters.

- Photography of the project area must be gathered in the July or August 2020 before snowfall in the Mountains.
- Aerial Photography shall be flown on a day of acceptable weather and sun angle.
- Control surveys should be completed within two weeks of the completed aerial photography.
- Orthophotography products shall have one submission after individual tiles are completed and mosaiced.

Goal 2: Have ground control performed for high-resolution orthophotos.

Objective 2.1: Collect ground control for the aerial photography flight.

Task 2.1.1: Manage consultant survey crew to collect 20 photo ground control points.

Goal 3: Organize and distribute imagery.

Objective 3.1: Acquire imagery from a consultant within the project timeline.

Task 3.1.1: Continually check in with the consultant on project status.

Task 3.1.2: Receive and review high-resolution orthophotos.

Task 3.1.3: Save high-resolution orthophotos to local servers.

Objective 3.2: Confirm imagery accuracy.

Task 3.2.1: Check high-resolution orthophotos against existing GIS features for accuracy and completeness.

Task 3.2.2: Confirm the following technical specifications are met with the deliverables.

- Resolution - 0.25' Pixel Resolution.
- Color - Color / RGB 3--Band.
- Projection - NAD 1983 HARN State Plane Montana.
- Survey Units – METERS.
- Metadata - Metadata records will be created or modified to the adopted state standard

Objective 3.3: Distribute imagery with the State.

Task 3.3.1: Provide high-resolution orthophotos to the State.

Goal 4: Implement imagery on GIS applications (desktop and web).

Objective: 4.1: Add imagery to all GIS applications.

Task 4.1.1: Open GIS Desktop application and add imagery to maps.

Task 4.1.2: Publish imagery as a web service and reference imagery in web maps.

Project Schedule and Timeline

Project Timeline:* MLIA_2021_BIGSKYCOUNTYWATERANDSEWER_Timeline.pdf

Proposed PLSS Collection

Is the proposed project for the sole purpose of collecting new survey control data?* No

Project Deliverables

Deliverable:	Deliverable Type:	Explanation:	Related Project Task:	Completion Date:
Aerial Imagery	Other	Big Sky County Water and Sewer District GIS Services would provide the Montana State Library with aerial photography and high resolution (0.25 feet) orthophotos for the Big Sky Water and Sewer District boundary.	4.1.2	03/01/2021

Budget Narrative

Budget Justification Narrative:*

Budget Narrative -- Applicant must clearly state the assumptions used to develop the proposed budget, including all sources of contracted and subcontracted cost estimates. If the applicant's share is to be considered in-kind funds, the source of those in-kind funds must be documented. Matching in-kind funds must be specific to the project and be fully justified. They may be monetary or in other forms such as staffing, infrastructure, or technology support. All funding sources listed in the subsequent budget forms must be fully explained. If grant funds are to be distributed to multiple funding recipients through contractual agreements or other means, those must be explained in the narrative.

Funding Partners and Required Statements of Support -- All funding partners, funding sources/recipients, must be identified. Statements of support are required for each identified funding partner. Any funds pledged to this proposal must be reflected in the statements of support. Statements of support must be provided in the Funding Partners form of the application.

Matching Funds -- Matching funds—either cash or in-kind—are not required by the MLIA Grant Program. However, matching funds from the applicant and any funding partners do demonstrate the applicant's commitment to the proposed project. Therefore, applicants proposing higher levels of matching funds will be scored more highly than applicants pledging little or no matching funds.

There is an 8,000-character limit for the budget narrative.

Below are the assumptions for this project:

- Hours and effort for Big Sky Water and Sewer District staff to manage the collection of aerial photography for their district boundary will be in-kind funds. Matching in-kind funds is not being proposed.
- This application is proposing to split consultant cost (50/50) for flying our area of interest to collect imagery, setting and collect aerial photo grand control points, and processing the collected aerial photos into one orthophoto.

Budget Tables

Is the proposed project for a GIS Project Planning Grant?* No

MLIA Grant Budget Summary Table (Required for All Applicants)

Please attach the completed "MLIA Grant Budget Summary" table as a PDF document in the field below.

MLIA Grant Budget Summary Table: MLIA_2021_BIGSKYCOUNTYWATERANDSEWER_BudgetSummary.pdf

MLIA Grant Detailed Budget (Required for All Applicants Except GIS Project Planning Grant Applicants)

Please attach an "MLIA Grant Detailed Budget" table as a PDF document.

MLIA Grant Detailed Budget: MLIA_2021_BIGSKYCOUNTYWATERANDSEWER_DetailedBudget.pdf

MLIA Funding Request Summary

Category	Requested MLIA Funds
Personnel (including fringe benefits)	\$0.00
Travel	\$0.00
Equipment	\$0.00
Supplies & Materials	\$0.00
Contractual	\$27,795.00
Other	\$1.00
Totals	\$27,796.00

Funding Partners

Name of Contact:	Name of Agency:	Street Address:	City:	County:	Zip Code:	Contact Email Address:	Contact Phone Number:	Funding Partner Pledged Cash Amount:	Funding Partner Pledged In-Kind Amount:	Statement of Support:

Project Sustainability

Project Sustainability Narrative:*

There is a 3,000-character limit for the sustainability narrative.

Big Sky County Water and Sewer District is showing a commitment to this project by splitting the cost 50/50. This aerial photography collection is a one-time request. For future enhancements, the district is in communications with an imagery provider to the imagery on a continual basis. The deliverable of this project will be useful for the State, the district, universities, and private industry in the short term and in the long term. In the long term, it will be useful for historical analysis as a snapshot in time of the land use, developments, and infrastructure in 2020.

Renewable Grant Accountability

Fiscal Year 2020 MLIA Grant Cycle

Please indicate whether or not the applicant was awarded an MLIA grant for state fiscal year 2020. If the applicant did receive a grant for fiscal year 2020, please provide a written narrative of the grant project. After clicking "yes," you will see a text box appear in which you can enter the written narrative.

Did the applicant receive an MLIA grant in fiscal year 2020? No

Fiscal Years 2016-2019 MLIA Grant Cycles

Please indicate whether or not the applicant was awarded any MLIA grants during state fiscal years 2016-2019. Please select "yes" for any of the following applicable years. After clicking "yes," you will see a text box appear in which you can enter a written narrative explaining the grant project. In the text box, please provide a written narrative for each grant awarded, outlining the successes and failures of the grant. Explain how tasks, timelines, and deliverables of the project were or were not met. Demonstrate how past project failures will ensure future successes.

Did the applicant receive an MLIA grant in fiscal year 2019? No

Did the applicant receive No

**an MLIA grant in fiscal
year 2018?***

**Did the applicant receive
an MLIA grant in fiscal
year 2017?*** No

**Did the applicant receive
an MLIA grant in fiscal
year 2016?*** No

Big Sky County Water & Sewer District No. 363
561 Little Coyote Road
Big Sky, MT 59716
(Office) 406-995-2660
<https://bigskywatersewer.com>



February 18, 2020

Erin Fashoway
State GIS Coordinator
Montana State Library
P.O. Box 201800
Helena, MT 59620-1800

Dear Ms. Fashoway,

This letter serves as my authorization of the FY2021 MLIA grant application submitted by Vincent Palafox on behalf of Big Sky Water and Sewer District. I have read the application in its entirety, and I certify that the information and all statements in the application are true, complete, and accurate to the best of my knowledge. I further certify that Big Sky Water and Sewer District is committed to funding its share of the project, including both pledged applicant cash and pledged applicant in-kind, as stated in the proposed project budget. I further certify that the proposed project, should it be approved for MLIA funding, will comply with all applicable state, local, and federal laws, regulations, and standards.

The Big Sky Water and Sewer District authorizes the Montana State Library to publish the contents of this application and to use the contents of this application for training, promotional, or other purposes.

Finally, I certify that I am (by my signature) authorized to enter into a binding agreement with the Montana State Library to obtain a grant if this application receives approval.

Sincerely,

Vincent Palafox

A handwritten signature in blue ink, appearing to read "V. Palafox", written over a horizontal line.

Ron Edwards

A handwritten signature in blue ink, appearing to read "Ron Edwards", written over a horizontal line.



BIG SKY COUNTY WATER & SEWER DISTRICT No. 363

PO BOX 160670 • 561 LITTLE COYOTE RD • BIG SKY, MT 59716 • 406-995-2660 • FAX 406-995-3053 • Email – terry@wsd363.com

MONTH XX, 2020

Name

C/O

PO Box xxxxx

Big Sky, MT 59716

Message

If you have any questions, please call 995-2660.

Sincerely,

Big Sky County Water & Sewer District No. 363

Terry M. Smith
Financial Officer

Enclosures



BIG SKY COUNTY WATER & SEWER DISTRICT NO. 363

561 LITTLE COYOTE RD - PO BOX 160670 - BIG SKY, MT 59716 - (406) 995-2660 - FAX (406) 995-3053 - Email: BILLING@WSD363.COM - WWW.BIGSKYWATERSEWER.COM

QUARTERLY WATER & SEWER STATEMENT

Date Billed:

Meter Readings:

Account No.	Service Period		Property Information		
	From	To			
Service	Quarterly Usage (Gallons)		Quarterly Charges	Past Due	BALANCE
TOTALS					

DUE DATE: _____

TOTAL AMOUNT DUE: \$ _____

A 1.00% LATE PAYMENT PENALTY PER MONTH WILL BE CHARGED AFTER DUE DATE (12% ANNUAL CHARGE)

PLEASE NOTE YOUR ACCOUNT NUMBER ON YOUR CHECK OR MONEY ORDER

Big Sky County Water & Sewer District No. 363

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

Account Number	Service Period		Property Information		
	From	To			

ADDRESS CORRECTION:

TOTAL AMOUNT DUE	
AMOUNT PAID	
PLEASE NOTE YOUR ACCOUNT NUMBER ON YOUR CHECK OR MONEY ORDER MAKE CHECK PAYABLE TO WSD363 - PO Box 160670, Big Sky, MT 59716	

DUE DATE	
A 1.0% LATE PAYMENT PENALTY PER MONTH WILL BE CHARGED AFTER DUE DATE (12% ANNUAL CHARGE)	

MLIA GRANT BUDGET SUMMARY

Category	MLIA Summary	Applicant Summary			Funding Source Summary				Total:
	MLIA Share	BIG SKY WSD NO. 363 Cash	BIG SKY WSD NO. 363 In-Kind	BIG SKY WSD NO. 363 Subtotal	Funding Partner 1	Funding Partner 2	Funding Partner 3	Partner Subtotal	
a. Personnel			\$6,500.00	\$6,500.00				\$0.00	\$6,500.00
a.1. Fringe Benefits				\$0.00				\$0.00	\$0.00
b. Travel				\$0.00				\$0.00	\$0.00
c. Equipment				\$0.00				\$0.00	\$0.00
d. Supplies				\$0.00				\$0.00	\$0.00
e. Contractual	\$27,795	\$27,795		\$27,795.00				\$0.00	\$55,590.00
f. Other	\$1.00	\$1.00		\$1.00				\$0.00	\$2.00
Total:	\$27,796.00	\$27,796.00	\$6,500.00	\$34,296.00	\$0.00	\$0.00	\$0.00	\$0.00	\$62,092.00

MLIA GRANT DETAILED BUDGET

Tasks	Category Type	Funding Source	Hours	Rate	Cost
Task 1.1.1 Manage consultant aerial photography flight within the following schedule parameters	Personnel (incl. fringe benefits)	In-Kind	8	100	\$ 800.00
Task 1.1.1 Manage consultant aerial photography flight within the following schedule parameters	Contractual	Cash	460	100	\$ 46,000.00
Task 2.1.1 Manage consultant survey crew to collect 20 photo ground control point	Personnel (incl. fringe benefits)	In-Kind	8	100	\$ 800.00
Task 2.1.1 Manage consultant survey crew to collect 20 photo ground control point	Contractual	Cash	70	137	\$ 9,590.00
Task 3.1.1 Continually check in with the consultant on project status	Personnel (incl. fringe benefits)	In-Kind	8	100	\$ 800.00
Task 3.1.2 Receive and review high resolution orthophotos	Personnel (incl. fringe benefits)	In-Kind	8	100	\$ 800.00
Task 3.1.3 Save high resolution orthophotos to local server	Personnel (incl. fringe benefits)	In-Kind	2	100	\$ 200.00
Task 3.2.1 Check high resolution orthophotos against existing GIS features for accuracy and completeness	Personnel (incl. fringe benefits)	In-Kind	3	100	\$ 300.00
Task 3.2.2 Confirm the following technical specification are met with the deliverables	Personnel (incl. fringe benefits)	In-Kind	4	100	\$ 400.00
Task 3.3.1 Provide high resolution orthophotos to the State	Personnel (incl. fringe benefits)	In-Kind	4	100	\$ 400.00
Task 4.1.1 Open GIS Desktop application and add imagery to maps	Personnel (incl. fringe benefits)	In-Kind	4	100	\$ 400.00
Task 4.1.2 Publish imagery to as a web service and reference imagery in web maps	Personnel (incl. fringe benefits)	In-Kind	16	100	\$ 1,600.00
		Totals:		 	\$ 62,090.00