



Grant All-Detail Report Shared Services 2014

Grant Title - Area GIS Technician for Targeting BMPs

Grant ID - C14-8727

Organization - Area 6 - South Central Technical Service Area

Grant Awarded Amount	\$250,000.00	Grant Execution Date	
Required Match Amount	\$62,500.00	Grant End Date	12/31/2016
Required Match %	25%	Grant Day To Day Contact	Jerad Bach

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$250,000.00	\$169,784.71	\$80,215.29
Total Match Amount	\$64,380.18	\$34,027.39	\$30,352.79
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$314,380.18	\$203,812.10	\$110,568.08

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Administration & Coordination	Administration /Coordination	Local Fund	Area GIS Technician for Targeting BMPs	\$12,409.18	\$12,797.46	12/31/2016	Y
Planning & Assessment	Planning and Assessment	Current State Grant	Area GIS Technician for Targeting BMPs	\$186,711.75	\$116,124.26	9/30/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Planning & Assessment	Planning and Assessment	Local Fund	Area GIS Technician for Targeting BMPs	\$35,633.50	\$17,820.63	12/31/2016	Y
Supplies & Equipment	Supplies/Equipment	Current State Grant	Area GIS Technician for Targeting BMPs	\$63,288.25	\$53,660.45	9/30/2016	N
Supplies & Equipment	Supplies/Equipment	Local Fund	Area GIS Technician for Targeting BMPs	\$16,337.50	\$3,409.30	6/30/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
------------------	--------------------	-----------------------	----------------------	--------------------

Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

Final Indicators Summary

Indicator Name	Total Value	Unit
----------------	-------------	------

Grant Activity

Grant Activity - Administration & Coordination	
Description	<p>Host SWCD (Blue Earth) will provide grant project administration and grant reporting throughout the project as in-kind match. This will include but not be limited to eLink reporting, website updating, accounting and bookkeeping, and other reporting as required by the Grant.</p> <p>SCTSA Staff will also provide administration and coordination as needed by the grant.</p>
Category	ADMINISTRATION/COORDINATION
Start Date	1-Apr-14
End Date	
Has Rates and Hours?	Yes
Actual Results	<p>01/01/2016 - 12/31/2016</p> <p>Administration/Coordination match was funded by Blue Earth SWCD and South Central TSA staff hours. Staff worked with administering the grant, training the GIS Technician, and overseeing projects. Funding for the TSA staff hours was provided by non-state sources.</p> <ul style="list-style-type: none"> -8 hours at 55.64/hr SC TSA PE Rate -14 hours at 56.25/hr SC TSA PE Rate -17 hours at 39.94 /hr SC TSA Sr. CET Rate -11.5 hours at 39.36/hour Blue Earth SWCD Assistant Manager rate <p>Total=\$2364.24</p> <p>01/01/2015 - 12/31/2015</p> <p>Administration/Coordination match was funded by Blue Earth SWCD and South Central TSA staff hours. Staff worked with administering the grant, training the GIS Technician, and overseeing projects. Funding for the TSA staff hours was provided by non-state sources.</p> <p>SWCD Administration</p> <p>01/01 - 06/30/2015</p>

10 hours at \$39.20/hour District Manager Rate
24.75 hours at \$30.08/hour ConservationSpecialist Rate
07/01 - 12/31/2015
2.5 hours at \$37.36/hourDistrict Manager Rate
14.5 hours at \$28.24/hour ConservationSpecialist Rate
Total = \$1,639.36

SCTSA Administration
01/01 - 06/30/2015
9 hours at \$42.43/hour PE Rate
3 hours at \$28.11/hour Technician Rate
07/01 - 12/31/2015
3 hours at \$44.46/hour PE Rate
23.5 hours at \$29.75/hour Technician Rate
Total = \$1,298.71

05/01/2014 - 12/31/2014

Administration/Coordination match was funded by Blue Earth SWCD and South Central TSA staff hours. Staff worked with administering the grant, training the GIS Technician, and overseeing projects. Funding for the TSA staff hours was provided by non-state sources.

SWCD Administration
22 hours at \$35.61/hourDistrict Manager Rate
26 hours at \$27.27/hour ConservationSpecialist Rate
Total = \$1492.44

SCTSA Administration
53.5 hours at \$36.22/hour 2014 PE Rate
17.5 hours at \$28.56/hour 2014 Technician
61.0 hours at \$37.26/hour 2015 PE Rate
44 hours at \$29.37/hour 2015 Technician
Total = \$6,002.71

Grant Activity - Planning & Assessment

<p>Description</p>	<p>A GIS Technician will be hired for 4 years to assist SWCDs and other local organizations in the 11 county area to accelerate the identification, design and construction of projects that improve water quality.</p> <p>This will be accomplished by the following:</p> <ol style="list-style-type: none"> 1) Training SWCD and local staff on how to use GIS 2) Identifying potential project locations 3) Determining which potential projects provide the most conservation benefit 4) Other duties as listed in the grant proposal <p>The GIS Technician will also be able to assist SCTSA staff with collecting survey data, preparing construction plans, and overseeing construction of the newly identified GIS problem areas. This position will help bring more water quality projects into the design phase, as well as help to improve the turnaround time for survey and design by using these new GIS tools.</p> <p>The TSA Engineer and Technician will provide guidance and training to the GIS Technician with In-kind hours.</p> <p>Rent and phone costs will be cash matched by SCTSA</p> <p>Estimated Budget Grant Cash \$186,711.75 In-Kind - \$26,971.00 Cash Match - \$8,662.50</p> <p>See attached budget for cost breakdown</p>	
<p>Category</p>	<p>PLANNING AND ASSESSMENT</p>	
<p>Start Date</p>	<p>1-Apr-14</p>	<p>End Date</p>
<p>Has Rates and Hours?</p>	<p>Yes</p>	
<p>Actual Results</p>	<p>10/01/16 - 12/31/2016</p> <p>-Planning and Assessment (match) was earned through the payment of staff time.</p> <p>-470.5 hours worked at the \$30.41/hr GIS Technician rate = \$14,307.91</p> <p>(BWSR Option 1: Billing Rates MBR + 10%)</p>	

07/01/2016 - 09/30/2016

Planning and Assessment expenses were from hours worked by the GIS Technician.

- 504 hours worked at the \$30.41/hour GIS Technician rate (Using Option 1: BWSR Billing Rates MBR + 10%)

- Total = \$15,326.64

01/01/2016 - 06/30/2016

Planning and Assessment expenses were from hours worked by the GIS Technician.

-952.75 hours at the \$29.74/hour Technician rate

(Using Option 1: BWSR Billable Rates MBR + 10%)

Total = \$28334.79

01/01/2015 - 12/31/2015

Planning and Assessment match was earned through the payment of rent for the GIS office space totaling \$2648.22. Funding for the rent was provided by non-state sources.

01/01/2015 - 12/31/2015

Planning and Assessment expenses were from hours worked by the GIS Technician.

01/01 - 06/30/2015

975.5 hours at the \$23.15/hour Technician rate

(Rate = Wage + Insurance + PERA + Taxes)

Total = \$22,582.83

07/01 - 12/31/2015

1040 hours at the \$24.16/hour Technician rate

(Rate = Wage + Insurance + PERA + Taxes)

Total = \$25,126.40

2015 Summary of Accomplishments: See Attached Report

05/01/2014 - 12/31/2014

Planning and Assessment match was earned through the payment of rent for the GIS office space totaling \$864.50. Funding for the rent was provided by non-state sources.

05/01/2014 - 12/31/2014

Planning and Assessment expenses were from hours worked by the GIS Technician.

1080 hours at the \$22.92/hour Technician rate

(Rate = Wage + Insurance + PERA + Taxes)

Total = \$24,753.60

2014 Summary of Accomplishments: Was removed from actual results. See Attached Report

Grant Activity - Supplies & Equipment

Description	<p>This activity will be the equipment and supplies needed by the GIS Technician to carry out the tasks as listed in the grant proposal. Notables are a computer, ArcGIS tools and licenses along with the purchase of GPS survey equipment. All of this equipment will allow the GIS Technician, SCTSA & other partners to complete surveys in less time and allow surveys to be correlated with LiDAR elevation data. This equipment along with GIS tools will greatly improve efficiency and allow for more strategically placed BMPs to be installed improving water quality as defined in the grant proposal.</p> <p>Grant Cash \$63,288.25 Cash Match \$16,337.50</p> <p>For a breakdown of cost and cash match please see the attached budget</p> <p>The original budget had planned for \$22,000 to be used for the purchase of a vehicle for the GIS position. After further review and clarification from BWSR on vehicle purchases and charges, the purchase of a vehicle is no longer needed. Instead the grant will reimburse staff for mileage at the IRS mileage rates. The amount of \$22,000 is now too much for this category. Furthermore the GIS position who works in 11 Counties has maxed out the current host SWCD server space and GIS capabilities. In order for this position to advance the GIS technologies of the service areas a newer server is needed. Therefore we would like to shift funding into a new server category. It is currently estimated that a new server would cost between \$8,000 - \$10,000. The host SWCD is asking that this amount be paid by the GIS grant as much as possible.</p>	
Category	SUPPLIES/EQUIPMENT	
Start Date	1-Apr-14	End Date
Has Rates and Hours?	No	
Actual Results	<p>The Supplies & Equipment activity involves the expense for equipment or supplies needed to provide GIS targeting and analysis for conservation delivery and grants. The equipment also provides more efficient surveying results for the TSA.</p> <p>10/01/2016 - 12/30/2016 There were no purchases made this quarter.</p> <p>07/01/2016 - 09/30/2016 Supplies/Equipment expenses were for purchases of:</p>	

Office furniture for new TSA office space.

Total = \$2,024.12

01/01/2016 - 06/30/2016

Supplies/Equipment match was earned by the purchase of:

Employee Paid Reimbursable Expenses = 48.08

Total = \$48.08

01/01/2015 - 12/31/2015

Supplies/Equipment match was earned by the purchase of:

Phone expense=\$360.00

Employee Paid Reimbursable Expenses = \$487.63

Total = \$847.63

01/01/2015 - 12/31/2015

Supplies/Equipment expenses were for purchases of:

Computer Lab Rental for Meeting=\$500.00

New Server Upgrade=\$9846.16

Computer Software and Hardware=\$346.63

Purchase of the server was approved by the BWSR BC and SCTSA Board.

Total = \$10,692.79

05/01/2014 - 12/31/2014

Supplies/Equipment match was earned by the purchase of:

Software=\$395.00

Survey Laser=\$1,563.00

Phone expense=\$120.00

Employee Paid Reimbursable Expenses = \$435.59

Total = \$2,513.59

05/01/2014 - 12/31/2014
 Supplies/Equipment expenses were for purchases of:
 Advertisement of Position=\$91.55
 Office Equipment=\$96.63
 Trimble Survey Equipment=\$31,577.82
 GIS Software Licenses=\$7,942.54
 Computer and Software=\$1,235.00

Purchase of equipment was approved by the SCTSA Board.

Total = \$40,943.54

Grant Attachments

Document Name	Document Type	Description
2014 Competitive Grant	Grant Agreement	2014 Competitive Grant - Area 6 - South Central Technical Service Area
2014 Competitive Grant executed	Grant Agreement	2014 Competitive Grant - Area 6 - South Central Technical Service Area
2014 Progress Summary	Grant	Area GIS Technician for Targeting BMPs
2015 Progress Summary	Grant	Area GIS Technician for Targeting BMPs
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/27/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/27/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/12/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2015

Document Name	Document Type	Description
Application	Workflow Generated	Workflow Generated - Application - 10/03/2013
Dec. 31, 2018 Expiration Date	Journal	Journal Dated - 03/15/2017
GRANT USAGE FOR VEHICLE	Grant	Area GIS Technician for Targeting BMPs
Interim Report and 40% Pmt. Approval	Grant	Area GIS Technician for Targeting BMPs
SCTSA GIS Tech Budget	Grant	Area GIS Technician for Targeting BMPs
SCTSA GIS Tech Budget Amended	Grant	Area GIS Technician for Targeting BMPs
SCTSA Wage Calc Sheet	Grant	Area GIS Technician for Targeting BMPs
SERVER REVISION REQUEST	Grant	Area GIS Technician for Targeting BMPs
SERVER REVISION REQUEST	Grant	Area GIS Technician for Targeting BMPs
SR_loc_10528.jpg	Grant	Area GIS Technician for Targeting BMPs
Second Payment Financial Report	Progress	Progress Dated - 08/12/2016
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/06/2015
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 01/24/2014
correspondance regarding priority of GIS over engineering assistance	Grant	Area GIS Technician for Targeting BMPs
grantmap_10528_2013-10-03_10-48-16-AM.jpg	Grant	Area GIS Technician for Targeting BMPs