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

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

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	$250,000.00	$242,813.74	$7,186.26
Total Match Amount	$62,500.00	$63,376.66	$-876.66
Total Other Funds	$0.00	$0.00	$0.00
Total	**$312,500.00**	**$306,190.40**	**$6,309.60**

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	Matching Fund
Administration & Coordination	Administration /Coordination	Local Fund	Area GIS Technician for Targeting BMPs	$12,797.46	$12,797.46	12/31/2016	Y
Planning & Assessment	Planning and Assessment	Current State Grant	Area GIS Technician for Targeting BMPs	$131,165.77	$131,165.77	12/31/2017	N
Planning & Assessment	Planning and Assessment	Local Fund	Area GIS Technician for Targeting BMPs	$32,265.38	$32,265.38	6/30/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SWCD GIS Equipment	Supplies/Equipment	Current State Grant	Area GIS Technician for Targeting BMPs	$65,173.78	$57,987.52	12/31/2018	N
SWCD GIS Equipment	Supplies/Equipment	Local Fund	Local Match	$14,075.94	$14,952.60	12/31/2018	Y
Supplies & Equipment	Supplies/Equipment	Current State Grant	Area GIS Technician for Targeting BMPs	$53,660.45	$53,660.45	9/30/2016	N
Supplies & Equipment	Supplies/Equipment	Local Fund	Area GIS Technician for Targeting BMPs	$3,361.22	$3,361.22	12/31/2015	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	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. SCTSA Staff will also provide administration and coordination as needed by the grant.	
Category	ADMINISTRATION/COORDINATION	
Start Date	1-Apr-14	End Date	31-Dec-16
Has Rates and Hours?	Yes	
Actual Results	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. 2016 Staff Hours Ryan 8 hrs @ $55.64/hr Ryan 14 hrs @ $56.25/hr Greg 17 hrs @ $39.94/hr John 11.5 hrs @ $39.36/hr Total=$2,364.24 2015 Staff Hours 1/1/15 - 6/30/15 Jerad 10 hrs @ $39.20/hr John 24.75 hrs @ $30.08/hr Ryan 9 hrs @ $42.43/hr Greg 3 hrs @ $28.11/hr 7/1/15 - 12/31/15 Jerad 2.5 hrs @ $37.36/hr	

John 14.5 hrs @ $28.24/hr
Ryan 3 hrs @ $44.46/hr
Greg 23.5 hrs @ $29.75/hr
Total = $2,938.07

2014 Staff Hours
Jerad 22 hrs @ $35.61/hr
John 26 hrs @ $27.27/hr
Ryan 53.5 hrs @ $36.22/hr
Greg 17.5 hrs @ $28.56/hr
Ryan 61.0 hrs @ $37.26/hr
Greg 44 hrs @ $29.37/hr
Total = $7,495.15
Match Total = $12,797.46

Grant Activity - Planning & Assessment	
Description	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. This will be accomplished by the following: 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 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. The TSA Engineer and Technician will provide guidance and training to the GIS Technician with In-kind hours. Rent and phone costs will be cash matched by SCTSA Estimated Budget Grant Cash $131,165.77 Match - $32,265.38 See attached budget for cost breakdown
Category	PLANNING AND ASSESSMENT
Start Date	1-Apr-14

Start Date	1-Apr-14	**End Date**	31-Dec-17
Has Rates and Hours?	Yes		
Actual Results	2017 Staff Hours 1/1/17 – 3/31/17 Zach 441.5 hrs @ $30.41/hr = $13,426.02 4/01/17 - 6/30/17 Zach 477 hrs @ $30.41/hr = $14,505.57 (Charged to Match) 7/1/17 – 12/31/17		

Zach 72 hrs @ $33.51/hr = $2,412.72

2016 Staff Hours
1/1/16 – 6/30/16
Zach 985.25 hrs @ $29.74 = $29,301.34
7/1/16 – 9/30/16
Zach 446 hrs @ $30.41 = $13,562.86
10/1/16 – 12/31/16
Zach 468.5 hrs @ $30.41 = $14,247.09 (Charged to Match)
(Rate = Option 1: BWSR Billable Rates MBR + 10%)

2015 Staff Hours
Zach 975.5 hrs @ $23.15/hr = $22,582.83
Zach 1040 hrs @ $24.16/hr = $25,126.40
(Rate = Wage + Insurance + PERA + Taxes)
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.
2015 Summary of Accomplishments: See Attached Report

2014 Staff Hours
Zach 1080 hrs @ $22.92/hr = $24,753.60
(Rate = Wage + Insurance + PERA + Taxes)
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.
2014 Summary of Accomplishments: See Attached Report

Grant Activity - SWCD GIS Equipment		
Description	This activity will fund GIS Equipment for the member SWCDs of South Central TSA. The equipment purchased will be funded by the grant and local match. The equipment listed below is what the 11 member SWCDs will purchase. Some slight changes in quantity may occur. Any changes of adding new items to the list will be approved by the BWSR Board Conservationist before purchasing. (5) Trimble GeoX7 GPS or similar units (5) Laptop computers to run GIS programs (4) Arc GIS Licenses (3) Spatial Analyst Moving Waseca county GIS databases to Beacon Online ArcPad for handheld unit. Misc other (Under $500 each) computer memory upgrades, iPads, service subscriptions for mobile units, and GPS mounting hardware, etc. Grant Cash - $65,173.78 Match - $14,075.94	
Category	SUPPLIES/EQUIPMENT	
Start Date	1-Sep-18	**End Date** 31-Dec-18
Has Rates and Hours?	No	
Actual Results	This activity funded GIS Equipment for the member SWCDs of South Central TSA. The equipment purchased was funded by the grant and local match. The equipment listed below is what the 11 member SWCDs purchased. Some slight changes from the original quantity occurred. (9) Laptop computers to run GIS programs (5) Arc GIS/Spatial Analyst Licenses (4) Trimble GeoX7 GPS or similar units (4) Mobile Devices (iPad/Microsoft Surface) & Accessories (1) Moving Waseca County GIS database to Beacon Online Grant Cash - $57,987.52 Match - $14,952.60	

Grant Activity - Supplies & Equipment	
Description	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. Grant Cash $53,660.45 Match $3,361.22 For a breakdown of cost and cash match please see the attached budget 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 or 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.
Category	SUPPLIES/EQUIPMENT

Start Date	1-Apr-14	**End Date**	30-Sep-16
Has Rates and Hours?	No		
Actual Results	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. 07/01/2016 - 09/30/2016 Supplies/Equipment expenses were for purchases of: Office furniture for new TSA office space. Total = $2,024.12 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
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 - 01/30/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/16/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/27/2015
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 - 08/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/26/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/06/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/27/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/27/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/22/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/16/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/12/2016
Application	Workflow Generated	Workflow Generated - Application - 10/03/2013
Dec. 31, 2018 Expiration Date	Journal	Journal Dated - 03/15/2017
Final Financial Report Shared Services 2014	Progress	Progress Dated - 01/16/2019
GRANT USAGE FOR VEHICLE	Grant	Area GIS Technician for Targeting BMPs
Interim Report and 40% Pmt. Approval	Grant	Area GIS Technician for Targeting BMPs

Document Name	Document Type	Description
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
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 06/28/2018
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