



STATE OF COLORADO
Department of Natural Resources

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ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,202000002808	The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.				
Date:	1/27/20					
Description:	CWP grant assess water use of land use decisions CMS#149093	BILL TO				
		COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date:	02/15/20					
Expiration Date:	06/30/22					
BUYER		SHIP TO				
Buyer:		COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Email:						
VENDOR		SHIPPING INSTRUCTIONS				
COLORADO STATE UNIVERSITY Sponsored Programs 2002 Campus Delivery Fort Collins, CO 80523-2002		Delivery/Install Date: - FOB:				
Contact:	Linda Loing					
Phone:	9704916586					
VENDOR INSTRUCTIONS						
EXTENDED DESCRIPTION						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$149,249.00	<input type="checkbox"/>
Description: CWP grant assess water use of land use decisions CMS#149093						



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Many cities and water utilities are faced with new types of land developments with unknown water use implications that require extensive investigation, while attempting to balance reliable but expensive new supply developments with cheaper but uncertain demand reductions (Dozier et al. 2017). The proposed work seeks to streamline assessment and communication of water use implications given land development plans within cities and utilities in Colorado. This proposal leverages more than a decade of research and development from Colorado State University on a state-of-the-art modeling and geographical information system (GIS) framework to serve the needs of water utilities by exposing dependencies of water use on land use in addition to population, weather, behavior, and technology (Sharvelle et al. 2017). The process and associated cloud-based software-as-a-service, Joseph, that will be developed from this work is expected to streamline communication between water and land planners by providing a mechanism to quickly assess, understand, and report water use for comprehensive plans, master plans, and other planning activities across a city or utility service area.

Service From: 02/15/20

Service To: 06/30/22

TERMS AND CONDITIONS

<https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions>

DOCUMENT TOTAL = \$149,249.00