

NOTICE OF INTENT TO AWARD

This notice is not a request for applications. This provides public notice of the Bureau of Reclamation's intention to fund the following project activities without full and open competition.

OPPORTUNITY NUMBER	BOR-DO-20-N002
PROJECT TITLE	Ephemeral Tributary Sediment Transport Measurement
RECIPIENT	New Mexico Institute of Mining and Technology
ANTICIPATED FEDERAL AMOUNT	\$750,000.00
STATUTORY AUTHORITY	Public Law 111-11, Section 9509, Research Agreement Authority <i>The Secretary may enter into contracts, grants, and cooperative agreements, for periods not to exceed 5 years, to carry out research within the Bureau of Reclamation.</i>
CFDA NUMBER	15.560 Research Agreements Secure Water Act
RECLAMATION POINT OF CONTACT	Matthew Reichert mreichert@usbr.gov 303-445-3865
SUMMARY OF PROJECT ACTIVITIES	<p>The Recipient will analyze surrogate measurements coincident with definitive (physical) measurement of sediment flux in an ephemeral channel that will help establish a relationship between surrogate data and sediment flux.</p> <p>Specific project activities will include to:</p> <ul style="list-style-type: none">• Installation of rain gages and pressure transducers• Development of a sediment monitoring platform• Geologic Mapping• Quantify the change in stored sediment at the confluences of up to three tributaries before and after a runoff event• Quantify the change in stored sediment at the confluence of up to three tributaries before and after Rio Grande spring runoff• Compare sediment gradations of tributary deltas and of the Rio Grande just up- and down-stream of the deltas• Develop a process-based conceptual model of the interactions between the mainstem Rio Grande and up to three tributaries

SELECTION JUSTIFICATION	The activities to be funded under this award are necessary to satisfactory complete the project currently being performed under Cooperative Agreement R16AC00025. Competition at this time would result in the loss of important relative data which would negatively impact the results and relevancy of the research project.
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AUTHORIZATION OF NOTICE OF INTENT TO AWARD

SIGNATURES

RECOMMENDED FOR APPROVAL BY GRANTS OFFICER:

Irene M. Hoiby Digitally signed by Irene M. Hoiby
Date: 2019.11.26 07:50:17 -07'00'

Irene M. Hoiby

Date

APPROVED BY MERIT OFFICIAL:

JEREMY BLACK Digitally signed by JEREMY
BLACK
Date: 2019.11.27 07:37:39 -07'00'

Jeremy Black

Date