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# Science and Technology

Bureau of Reclamation

  

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## Research Proposal and Performance Contract Management (PropC) System

***New Proposal Form for FY05***

**A title has not been entered yet**

Submitted by:  
Proposal ID:

### I. General Information

**A. Title** (250 character limit including spaces)  
Enter a title.

A title has not been entered yet

**B. State the question your R&D would answer.**  
(1000 character limit including spaces)

**C. R&D Focus and Output Areas**

HELP!

Select Focus Area for Pull Down Menu of Output Area Choices

**S&T Program Focus Area:**

**(WD) Water Delivery -- Improving Water Delivery Reliability with Innovative Solutions and Practices.**

WD1 – Improve passage and reduce entrainment of aquatic and other species

**(IR) Infrastructure Reliability -- Improving Water and Power Infrastructure Reliability and Safety**

IR1 – Develop and improve methods to assess the condition of our structures and facilities

**(WS) Water Supply -- Enhancing Water Supplies with New Technologies and Practices.**

WS1 – Develop and improve models and methods to optimize groundwater storage and use

**(DS) Decision Support -- Improving Reservoir and River Operations through Enhanced Decision Modeling and Data Support.**

DS1 – Develop and improve methods to predict, model and manage extreme and operational hydrologic events

**D. Proposed Start and Completion Years**

HELP!

Select the proposed start and completion years.

Proposed Start Year FY:

Proposed Completion FY:

**E. Type of Proposal (pick one)**

HELP!

Select the type of proposal you are submitting.

Conducting research, development, demonstration, and/or deployment.

Scoping or Formulation (Should not exceed \$10,000 to \$15,000)

**F. Need and Benefit. i) Briefly describe the need Reclamation has for your R&D end product. ii) Describe how your research end product will contribute to liberating water, increasing power generation, or avoiding cost. iii) Describe existing capabilities available to Reclamation and why they are insufficient to meet this need. (4000 character limit including spaces)**

HELP!

**If your proposal contains potential intellectual property, check yes below and limit the disclosure of Sections I.F. and Section III. If your proposal does not contain potential intellectual property, please select no below.**

HELP!

Yes

No

If you answered Yes, reviewers of your proposal will sign a non-disclosure agreement. The Title and R&D Question will not be protected and should be worded such that potential intellectual property is not disclosed.

**G. Why is this the responsibility of Reclamation and not another government agency or the private sector.**  
(3000 character limit including spaces)

HELP!

## II. PROPOSED RESEARCH END PRODUCT (S) AND COMPLETION DATE(S)

Your research will probably result in one or maybe two end products. Enter the end products of your R&D proposal. To add new rows for additional end products, click the Add a New Row button.

No.	End Product Description	Scheduled Completion Date
1		
2		

**HELP!**

Add a New Row to End Products

## III. PROPOSED STEPS TO PRODUCE THE RESEARCH END PRODUCT (Including Technology Transfer Activities)

This is your work plan. You will use your work plan to track your progress on this project. This work plan will also be used to demonstrate to reviewers that you have a sound and responsible plan to undertake the R&D project.

**Briefly describe the methods and approaches you will use to answer your research question and produce and share your research end product (4000 character limit including spaces)**

**HELP!**

List the sequential steps that you will take to conduct your R&D and share the results with end users and peers to promote adoption of your research end product. Enter the steps in the table below that you will use to produce the research end product listed in Section II. Enter the S&T budget you are requesting for each step. To add rows for additional steps, click the Add a New Row button.

No.	Proposed Steps To Produce the Research End Products listed in Section II	Requested S&T Budget for Each Step	Scheduled Completion Date
1			
2			
3			
4			
Total Requested S&T Funding		\$0.00	

**HELP!**

Add a New Row to Proposed Steps

#### IV. FISCAL YEAR FUNDING REQUEST

Enter funding you are requesting from the S&T Program by fiscal year. The total funding request should match the total funding request in Section III. To add rows for additional fiscal years, click the Add a New Row button.

Fiscal Year	Funding Request
FY 2005	\$
FY 2006	\$
FY 2007	\$
Totals	\$0.00

HELP!

Add a New Row to Fiscal Year

Note: Once a multiyear proposal is funded, it will be evaluated each year for the merit of continuation of funding. Accomplishing prior year tasks will be a key consideration. Commitment of funding other than current year is subject to appropriations.

#### V. PARTNERS - LEVERAGING RESOURCES WITH OTHERS WHO HAVE A STAKE IN THIS EFFORT

Enter a list of your research partners. To add rows for additional partners, click the Add a New Row button.

No.	Partner First Name	Partner Last Name	Partner Organization	Phone	E-mail	Firm or Potential	Inside or Outside
1							
2							
3							

HELP!

Add a New Row to Partners

No.	Partner Last Name	Description of Partner Contribution (250 character limit including spaces)	CASH or IKS	Year	Contribution Value
1					\$0.00
2					\$0.00
3					\$0.00

HELP!

Add a New Row to Partners

**VI. Advocates - List Reclamation Managers, Other Stakeholders, and Project Output Beneficiaries That Advocate this Proposed Effort**

Enter a list of advocates for your research. To add rows for additional advocates, click the Add a New Row button.

First Name	Last Name	Title	Organization	Phone	Email	Been briefed?	<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 5px;">HELP!</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Add a New Row to Advocates</div>

**VII. Research Beneficiaries and R&D Location**

**Primary Research Beneficiaries**

Select the region that is the initial or primary benefactor of your proposed R&D. If your R&D end product benefits two regions select one region from Region 1 and one region from Region 2. If your research end product will be utilized in 3 or more regions select BOR-wide in the Region 1 pull down menu.

Region 1	Region 2	HELP!
<div style="border: 1px solid black; padding: 2px;"> <span>PN</span> ▼         </div>	<div style="border: 1px solid black; padding: 2px;"> <span>PN</span> ▼         </div>	

**R&D Location**

For field based R&D, select the Reclamation Area Office whose boundaries include the area associated with your fieldwork. If the project is not field-based, select office where R&D will be conducted. For fieldwork, list the primary contact for fieldwork. Also for fieldwork, you must indicate how NEPA compliance will be accomplished, and who is responsible for NEPA compliance.

Area Office	Primary Field Contact	How will NEPA compliance be accomplished?	Who is responsible for NEPA Compliance?	HELP!
<div style="border: 1px solid black; padding: 2px;"> <span>CCAO</span> ▼         </div>		<div style="border: 1px solid black; padding: 2px;">           Categorical Exclusion         </div>		

### VIII. PROJECT TEAM

List the team members that would participate in the proposed R&D? To add rows for additional project team members, click the Add a New Row button.

First Name	Last Name	Discipline/Speciality	Organization	Phone	E-mail	PI	<b>HELP!</b>  Add a New Row to Project Team

### IX. Potential Technical Reviewers

Enter the names and contact information for three technical reviewers outside of Reclamation that are qualified to review your research proposal. To add rows for additional potential technical reviewers, click the Add a New Row button.

First Name	Last Name	Discipline/Speciality	Affiliation	Phone	E-mail	<b>HELP!</b>  Add a New Row to Tech

**X Comments and Additional Information**

(4000 character limit including spaces)

HELP!

**Team Qualifications**

(4000 character limit including spaces)

HELP!