

S&T Proposals Technical Merit Review Form

Proposal Number: _____

Submitted by: _____ Phone: _____ E-mail: _____

Reviewed by: _____ Phone: _____ E-mail: _____

(Reviewers scores will be anonymously provided to Principle Investigators upon request. Reviewer may contact Principle Investigators to discuss proposal.)

Technical Reviewers S&T Program Proposal Crediting Plan Emphasizing Technical Merit <i>REVIEWER: Assign one overall score for each objective on how well the proposal meets all the elements of each objective</i>	
OBJECTIVE 1: TECHNICAL MERIT - ENSURE HIGH QUALITY RESEARCH THAT PRODUCES RESULTS. (See proposal sections I.F, I.G, III, VIII, IX and the State-of-Practice/Research Needs described on the S&T Roadmap at http://www.usbr.gov/research/plan/roadmap.htm <i>Note: Assign a score of zero for this section if the capability is being pursued already adequately and readily exists. If all reviewers assign zero scores, the proposal will not considered be for further evaluation.</i>	Score 1 to 15
A. Proposal is technically feasible (i.e., approach is appropriate and likely to succeed) and pursues capability/knowledge that does not already exist. Proposal addresses critical gaps in technology or science.	
<i>Consider the information presented in the proposal combined with your judgement and expertise. Consider whether research would be new and innovative or an extension of existing capability.</i>	
B. Quality of the proposal & research team assembled for proposal	
<i>Proposal demonstrates well thought out research plan, sufficient knowledge of issues, and research methods that provide a high degree of confidence that research outputs will be completed and able to be subjected to peer review with a positive outcome.</i>	

<p>C. Proposal includes measurable goals and meets or significantly helps to meets the S&T goals for the research focus areas (when and if available for FY04) and output areas or is otherwise relevant to Reclamation’s mission needs.</p>	
<p><i>Whether or not tributary level performance goals are available, the proposal should document the potential benefit in terms of increased water or power supply, efficiency, cost reduction, etc. Quantified potential benefits are highly desirable. Proposals should targets the gaps, goals, and objectives of the 5-year R&D³ Output Plans posted on the S&T Program Roadmap or the proposal targets gaps and objectives not previously identified in the 5-year plans but would help evolve and improve the 5-yr plans toward stronger research outputs; then the proposal should demonstrate a literature/state-of-practice review.</i></p>	
<p>Reviewer: Please state the primary reason for the score you assigned to objective 1 and if capability exists, document for the proposer where the capability can be obtained on the reviewer comment section.</p>	
<p align="center">OBJECTIVE 2- FACILITATING THE USE OF NEW SCIENCE AND TECHNOLOGY (INCREASING TECHNOLOGY TRANSFER.....PUTTING NEW KNOWLEDGE TO WORK FASTER) (see especially sections I.H, II, and III in proposal)</p>	<p align="center">Score 1 to 10</p>
<p>A. Effectiveness of approach for facilitating the movement of new knowledge and capability toward deployment and application by Reclamation resource/facility managers and other relevant end-user communities.</p>	
<p><i>Consider the effectiveness of methods described in the proposal and the amount of energy and resources dedicated to this aspect of R&D³. Consider whether there exists a clear plan for meaningful S&T bulletin development. S&T bulletins will be developed and posted on the S&T website by researchers as relevant findings occur and when the research project outputs are complete. Guidance and a template for S&T Bulletins are under development and will be posted on our website by May. Consider other methods such as outreach workshops or other technical transfer events with water users, water managers, or other end-users; video training modules, web postings, guidelines and manuals and methods, training courses, publish capability and findings in end-user focused journals, etc.</i></p>	
<p>B. Sharing new knowledge between technical peers</p>	
<p><i>Consider the planned technical report(s), paper(s) in technical journals, presentation(s) at technical conferences, other methods listed in the proposal to share research results with technical peers.</i></p>	

<p>C. Potential for CRADAs, patents, and licensing with the private sector to mature innovations and thereby establish commercial manufacturing and technical support capability that can broadly serve Reclamation and other water and power managers.</p>	
<p><i>Consider potential for Cooperative Research and Development Agreement (CRADA) that brings significant outside resource and capability to S&T Program research efforts. Consider potential for royalty-producing patent from innovation that is focused at addressing Reclamation issues</i></p>	
<p>Reviewer- Please state the primary reason for the score you assigned to objective 2:</p>	
<p>OBJECTIVE 3 - COST IS REASONABLE TO CONDUCT STATED TASKS AND ACHIEVE THE OUTPUTS (Sections I.F, I.G, I.H, and V in proposal)</p>	<p>Score 1 to 5</p>
<p><i>Consider content of sections I.F, I.G, I.H, and V to judge if total project funding can produce the stated outputs and objectives. The more the project cost is overstated or understated, the lower the score.</i></p>	
<p>Reviewer- Please state the primary reason for the score you assigned to objective 3:</p>	
<p>OBJECTIVE 4 - INTEGRATES DISCIPLINES AND PEOPLE TO PRODUCE FEASIBLE AND IMPLEMENTABLE SOLUTIONS (Especially see proposal sections IG, IH, III, V, and VIII)</p>	<p>Score 1 to 5</p>
<p>Proposal involves and unifies multiple disciplines or offices/regions and pursues knowledge and solutions that address interfacing or connected problems and issues.</p>	
<p><i>Consider the level of involvement indicated across the TSC and involvement of region, area office. Does proposal demonstrate an integration of knowledge appropriate to address the primary interfacing or connected problems to ensure research outputs can reach deployment status without delay</i></p>	
<p>Reviewer: Please state the primary reason for the score you assigned to objective 4:</p>	

<p align="center">OBJECTIVE 5 - BUILDS CORPORATE CAPABILITY & EXPERTISE THRU PARTNERSHIP & COLLABORATION (especially see proposal sections V and VIII)</p>	<p align="center">Score 1 to 5</p>
<p>Collaboration with outside expertise that helps broaden and diversify Reclamation knowledge base.</p>	
<p><i>Consider the individuals indicated in proposal sections V and/or VIII that can bring quality outside expertise involvement and consultation to Reclamation</i></p>	
<p>Reviewer: Please state the primary reason for the score you assigned to objective 5:</p>	
<p>TOTAL TECHNICAL SCORE FOR PROPOSAL (total possible = 40 points)</p>	

Reviewer Comments

What do you like most about this proposal?

What concerns you most about this proposal ?

What would make this proposal better?

Recommendation on proposal disposition: