**Bureau of Reclamation**

**Colorado River**

**Basinwide & Basin States**

**Salinity Control Programs**

**NOFO Project Application**

**No. BOR-UC-R23AS00353**

**PROJECT NAME**

**PROJECT LOCATION**

**Applicant Name**

**Date**

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| --- | --- |
| **PART I -- PROJECT SUMMARY** | |
| All information must be entered into the response boxes provided. Where information requested in not applicable enter “NA”. | |
| **A.** | **APPLICANT/ENTITY NAME:**  **City/town, State** |
|  |
| **B.** | **PROJECT APPLICATION NAME:** |
|  |
| **C.** | **PROJECT APPLICATION PREPARED BY:** |
|  |  |
| **D.** | **PROJECT MANAGER (must be from entity applying) Contact Information:**   |  |  | | --- | --- | | Name: |  | | Title: |  | | Address: |  | | Telephone: |  | | E-mail: |  | |
| **E.** | **ENGINEER CONTACT INFORMATION (if applicable):**  (Reclamation may remove Applicant Engineer prior to Award and require a competitive BID process for Engineering Services.)   |  |  | | --- | --- | | Name: |  | | Title: |  | | Address: |  | | Telephone: |  | | E-mail: |  | |
| **J.** | **Engineering firm selected for project (if already selected)**   |  |  | | --- | --- | | Name: |  | | Address: |  | | Telephone: |  | | DUNS # |  | | SAM # |  | | How was this firm selected? |  | |
| **K.** | **Two or more entities submitting one Application:**     |  |  | | --- | --- | | Entity: |  | | Entity: |  | |
|  | **ACKNOWLEDGEMENT OF Memorandum of Agreement (MOA**) Two or more applicants shall enter into one project agreement, if it combines ditches, laterals etc. Please submit MOA as an attachment. |
| **L.** | **ACKNOWLEDGEMENT OF NOFO AMENDMENTS:** Applicants shall acknowledge receipt of any amendment to this Notice of Funding Opportunity by identifying the amendment number and date. |
|  | **List Amendment No. and Date:** |

|  |  |
| --- | --- |
| **PART II - PROJECT PROPOSED FOR FUNDING (Refer to Section E of the NOFO)** | |
| Provide a brief narrative or tabular data responding to each of the following sections that apply to the proposed salinity control project. All information must be entered into the response boxes provided in the application, with the exception of maps or data tables which may be inserted in the appropriate appendix. | |
| **A.** | **BACKGROUND & DESCRIPTION OF PROJECT AREA:** Describe project setting and geographic location. For irrigation-related applications, include general hydrology, geology, soils, climate (average rainfall, temperature, and growing season), water storage facilities, existing irrigation facilities (total mileage of canals & laterals and number of users), irrigated acreage, types of crops, etc. |
| Response: |
| **A.1** | **IS THIS A FEDERAL OWNED PROJECT:** |
| Response: |
| **B.** | **PROJECT MAPS:** Attach, as Appendix C, detailed GIS map(s) showing existing facilities and proposed improvements as described in Parts B.1 and B.2 below. Printed maps shall be no larger than 11x17. |
| **B.1** | **MAP(S) OF EXISTING FACILITIES: SEE NOFO SECTION D Figure 2.** |
| **B.2** | **MAP(S) OF PROPOSED IMPROVEMENTS: SEE NOFO SECTION D Figure 1.** |
| **C.** | **WATER RIGHTS AND SUPPLY SEE NOFO SECTION D. 3.3** |
| Response: |
| **D.** | **EXISTING IRRIGATION DELIVERY SYSTEM (CANALS, LATERALS, DITCHES, ETC.):** |
| Response: |
| **E.** | **DETAILED DESCRIPTION OF PROPOSED PROJECT & IRRIGATION DELIVERY SYSTEM IMPROVEMENTS**:  **SEE NOFO SECTION D.3.3** |
|  | Response: |
| **E.1** | **OTHER TYPES OF SALINITY CONTROL (NON-IRRIGATION RELATED):**  **SEE NOFO SECTION D 3.3.** |
| Response: |
| **E.2** | **NEW WATER IMPOUNDMENT STRUCTURES: SEE NOFO SECTION D 3.3.** |
| Response: |
| **E.3** | **DESCRIPTION OF ON-FARM OPPORTUNITIES: SEE NOFO SECTION D 3.3.** |
|  | Response: |
| **E.4** | **DESCRIPTION OF DEPARTMENT OF INTERIOR STRATEGIC GOALS** |
|  |  |
| **F.** | **ENVIRONMENTAL CONSIDERATIONS: NOFO SECTION D 3.3.** |
| **F.1** | **NEPA COMPLIANCE:** |
|  | Response: |
| **F.2** | **OTHER BENEFITS:** |
|  | Response: |
| **F.3** | **ENDANGERED SPECIES CONCERNS:** |
|  | Response: |
| **F.4** | **CULTURAL RESOURCES:** |
|  | Response: |
| **F.5** | **HABITAT REPLACEMENT PLAN:** |
|  | Response: |
| **G.** | **OPERATION, MAINTENANCE & FUNDING AND MANAGEMENT PLAN:**   **SEE NOFO SECTION D 3.3.** |
|  | Response: |
| **H.** | **EXPERIENCE IN IMPLEMENTING PROJECTS:**  **SEE NOFO SECTION D 3.3.** |
|  | Response: |

**PART III – PROJECT COSTS AND FUNDING PLAN – All cost share funding must have signed documentation to prove valid. Application will be removed if this standard is not met.**

**FUNDING REQUEST SUMMARY: *[Use \* to denote an in-kind contribution]***

|  |  |
| --- | --- |
| **FUNDING SOURCE** | **FUNDING AMOUNT** |
| **Basinwide/Basin States Program:** |  |
|  |  |
| **Other Federal (list each source):** |  |
|  |  |
|  |  |
| **Other (list each source): Funding MUST be secured prior to award.** |  |
|  |  |
|  |  |
| **TOTAL PROJECT FUNDING:** |  |

|  |  |
| --- | --- |
| **A.** | **COST EFFECTIVENESS:** |
| **A.1** | **PROJECT LIFE is 50 years: The life of the project construction components and wildlife habitat mitigation must be maintained and operated for 50 years.** |
| **TOTAL & AMORTIZED RECLAMATION COSTS:**   |  |  |  |  | | --- | --- | --- | --- | | Total Basinwide / Basin States Program cost: | $ | Amortized Basinwide / Basin States  Program cost: | $ |   (In the table provided, enter the total and amortized costs to the Federal Salinity Control program. The amortized cost can be determined by applying the amortization factor of 0.04168 to the Basinwide or BSP costs. The amortization factor is based on the FY 2023 Federal planning interest rate of 3.5 percent and a project life of 50 years.) |
| **A.2** | **ESTIMATE OF SALT LOAD REDUCTION:** Include written response from Reclamation providing salt load reduction estimate in Appendix E  **Total: \_\_\_\_\_\_\_\_\_ tons/year** |
| **A.3** | **COST EFFECTIVENESS VALUE:** Divide the Amortized Basinwide/Basin States Program cost by the total annual salt load reduction estimate.  **$ \_\_\_\_\_\_\_\_ /ton/year** |
| **A.4** | **CONSTRUCTION & FUNDING PLAN:**  **Include a detailed schedule**  **(e.g., Gantt chart) displaying anticipated major work items similar to the detailed cost estimate along with the major NEPA and Habitat Replacement milestones. Also include funding requirements (including other funding and in-kind services) on a Federal FY basis (October 1 – September 30) for each year of the project. No more than $2.0 million of Salinity Funds, is allowed to be budgeted, per year.**  **Also give a paragraph summary of milestone dates etc..** |
|  | Response: |

**APPENDIX A: DETAILED** **COST ESTIMATE**

1. The cost estimates must be provided with sufficient detail to evaluate the reasonableness of your budget Application. For example, show items such as different pipe diameters, farm turnouts, road crossings, air vents, pressure reducing valves, fittings, isolations valves, diversion structures, trash cleaners, mechanical equipment, metalwork, earthwork, lining materials, concrete structures, canal obliteration, structure removal, re-vegetation, and right-of-way acquisition. The line item should show quantities and appropriate pricing either in unit prices or materials and installation. **Add lines to this table and customize for your specific project.**
2. All entries must match values and descriptions in the responses to Part II, Project Proposed for Funding.
3. Applicants must provide a detailed **Budget Narrative** which justifies the reasonableness of the cost estimates included in the budget Application. *Failure to give enough detail will result in a lower ranking.* Examples of acceptable justifications are quotes from more than one vendor in the competitive market, construction reference manual, historical documentation of actual costs on prior similar projects, open competitive requests for Applications (RFP) and/or evidence of the industry standards for your geographic area.
4. The cost for the **Habitat Replacement Plan** should be at least five percent (5%) of the Total Construction Cost, unless, justification is provided in the project Application for a different value. See NOFO Section D.3**. Construction Costs include the following: Labor, Supplies and Materials, Equipment and Construction Management & Contract Costs.**
5. Costs must be included for **NEPA** compliance and compliance with cultural resource laws. The applicant is responsible for any costs of mitigation of cultural resource impacts and should include sufficient allowances. See NOFO Section D.3.
6. Include cost of **Single Audit(s)** for each of your fiscal years when Federal expenditures exceeded $750,000.00. Expenditures begin when the financial obligations were incurred.
7. For further guidance please refer to the *Budget Pricing Guide* document which can be downloaded from [http://www.usbr.gov/uc/progact/salinity.](http://www.usbr.gov/uc/progact/salinity)
8. Applications may budget up to 10% **contingency** on **supplies and materials** only. No other contingency will be allowed on line items. Contingency may only be used if the Grant’s Officer gives written approval, based on future escalating **supplies and material** prices.

**COST ESTIMATE SHEET:**

***(double click the icon below for sheet)***

[](https://doimspp-my.sharepoint.com/personal/mroberts_usbr_gov/Documents/Desktop/NOFO/Financial%20Assistance%20Cost%20Estimating%20Tool.xlsm?web=1)

**APPENDIX B: ESTIMATE OF ENABLED ON-FARM ACREAGE**

***(double click the icon below for sheet)***



**APPENDIX C: GIS PROJECT MAPS**

Map(s) of existing facilities shall be scaled appropriately to easily identify the project area, existing facilities, and major geographic features including roads, streams, reservoirs, towns, and land ownership (Federal, state, Tribal, private, etc. If the proposed project is irrigation related, the map(s) should show locations of canals, laterals, and irrigated lands. Those canals or laterals proposed for improvement or abandonment under this application should be clearly identified. A construction timeline should be included on the map(s) – PDF Format

**APPENDIX D: SUPPLEMENTAL DATA TABLES AND/OR DATA FOR OTHER TYPES OF SALINITY CONTROL (NON-IRRIGATION RELATED)**

**APPENDIX E:** **SALT LOAD REDUCTION ESTIMATE(S)**

Include the response letter from Reclamation providing the salt load reduction estimate.