**Attachment B – Project Budget**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Subrecipient:  Date Prepared:  Activity: | | City of Lakeland    Lake Bonnet Drainage Flood Hazard and Debris Mitigation Project | | |  | |  | | Contract Number: | |  | | MT047 | | |  | Modification Number:  Project Budget: | | | | 0  $42,986,390.00 | | |
|  | |  | | |  | |  | |  | |  | |  | | |  |  | | | |  | | |
| **Activity/Project** | | | **National Objective** | | | | | **Beneficiaries** | | | | | | | | | | **Budget** | | | | | | |
| **Activity** | **Description** | | **LMI** | **Slum & Blight** | | **Urgent Need** | | **VLI** | | **LI** | | **MI** | | **Non-LMI** | **Total** | | | **CDBG-DR Amount** | | **Other Funds** | | **Source\*** | **Total Funds** | |
| **1. Project Implementation** | | |  |  | |  | |  | |  | |  | |  |  | | |  | |  | |  |  | |
| 1a. | Financial records maintenance, preparation, and submittal of monthly and quarterly reports, HUD reports, SERA forms, and Audit reports | | X |  | |  | |  | | X | | X | |  |  | | | $1,593,290.96 | |  | |  |  | |
| 1b. | Conduct stakeholder meetings with property owners within the project area, community engagement and outreach, public meetings, and information sharing via social media and/or other methods as outlined in DOC Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3 | | X |  | |  | |  | | X | | X | |  |  | | | $347,163.12 | |  | |  |  | |
| 1c. | Preparation of bid documents and specifications for environmental consulting and project oversight, bid notification, subcontractor site visit, bid review, selection & award of contracts. Responsive environmental consultant(s) will be selected to perform environmental consulting, including completion of environmental field investigations, project design and engineering, project management, and oversight as outlined in DOC Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3 | | X |  | |  | |  | | X | | X | |  |  | | | $50,000 | |  | |  |  | |
| 1d. | Monthly project planning meetings with City staff, vendors, subcontractors, and regulatory agencies; submittal of meeting minutes to DOC as outlined in DOC Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3 (estimated 72 months) | | X |  | |  | |  | | X | | X | |  |  | | | $989,443.39 | |  | |  |  | |
| 1e. | Complete NEPA Review (field investigations, records review, and site surveys) | | X |  | |  | |  | | X | | X | |  |  | | | $174,942.41 | |  | |  |  | |
| 1f. | Prepare and submit NEPA Findings and Recommendations Report (Draft and Final) | | X |  | |  | |  | | X | | X | |  |  | | | $112,116.40 | |  | |  |  | |
| 1g. | Project Oversight and Program Management, communications with regulatory agencies, QA/QC, oversight, compliance maintenance, etc., as outlined in DOC Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3) | | X |  | |  | |  | | X | | X | |  |  | | | $2092,098.11 | |  | |  |  | |
| **2. Phase I - Feasibility Study** | | |  |  | |  | |  | |  | |  | |  |  | | |  | |  | |  |  | |
| 2a. | Floodway Encroachment Analysis (field investigations, records review, site visits). Prepare and submit DRAFT and FINAL Floodway Encroachment Analysis Report with findings and recommendations. | | X |  | |  | |  | | X | | X | |  |  | | | 331,900.13 | |  | |  |  | |
| 2b. | FEMA review and coordination | | X |  | |  | |  | | X | | X | |  |  | | | 14,676.95 | |  | |  |  | |
| 2c. | Pre-application meetings with permitting agencies (SWFWMD, FDEP, USACoE) | | X |  | |  | |  | | X | | X | |  |  | | | 19,937.37 | |  | |  |  | |
| 2d. | Stakeholder coordination with property owners within the Feasibility Study project area to obtain site access and review the scope of work | | X |  | |  | |  | | X | | X | |  |  | | | 27,811.25 | |  | |  |  | |
| 2e. | Conduct surveys, site inspections, property appraisals, and land/easement acquisition study. | | X |  | |  | |  | | X | | X | |  |  | | | 53,159.67 | |  | |  |  | |
| 2f. | Prepare and submit project technical scope, schedule, budget review, and refinement to DOC for approval | | X |  | |  | |  | | X | | X | |  |  | | | 60,354.83 | |  | |  |  | |
| 2g. | Topographic & Boundary Survey | | X |  | |  | |  | | X | | X | |  |  | | | 71,559.06 | |  | |  |  | |
| 2h. | Wetlands Delineation | | X. |  | |  | |  | | X. | | X | |  |  | | | 87,153.44 | |  | |  |  | |
| 2i. | Bathymetric Mapping and Sediment Thickness Survey | | X. |  | |  | |  | | X. | | X | |  |  | | | 181,751.77 | |  | |  |  | |
| 2j. | LiDAR Survey | | X. |  | |  | |  | | X. | | X | |  |  | | | 55,938.31 | |  | |  |  | |
| 2k. | Project Feasibility & Implementation Plan (DRAFT and FINAL Reports) | | X |  | |  | |  | | X | | X | |  |  | | | 240,761.04 | |  | |  |  | |
| 2l. | 30% Preliminary Design Report (Dredge Operations, Wetland Rehabilitation and Littoral Zone Restoration) | | X |  | |  | |  | | X | | X | |  |  | | | 201,772.45 | |  | |  |  | |
| 2m. | 30% Preliminary Design Report (Flood Protection Mitigation) | | X |  | |  | |  | | X | | X | |  |  | | | 193,920.66 | |  | |  |  | |
| **3. Phase 2 – Design and Engineering** | | |  |  | |  | |  | |  | |  | |  |  | | |  | |  | |  |  | |
| 3a. | Complete easement & property acquisition (budget includes sub-consultant time and $$ to purchase property) | | X |  | |  | |  | | X | | X | |  |  | | | 153,237.73 | |  | |  |  | |
| 3b. | Work Plans (Health & Safety, Emergency Response, Sampling & Analysis, and Quality Assurance/Quality Control) | | X |  | |  | |  | | X | | X | |  |  | | | 108,160.72 | |  | |  |  | |
| 3c. | Sediment sampling field investigation, laboratory analysis, and report | | X |  | |  | |  | | X | | X | |  |  | | | 324,075.00 | |  | |  |  | |
| 3d. | Geotechnical field investigation, laboratory analysis, and report | | X |  | |  | |  | | X | | X | |  |  | | | 193,606.33 | |  | |  |  | |
| 3e. | Groundwater Impact Field Investigation (monitoring well and seepage meter install, sampling, and analysis) and Report | | X |  | |  | |  | | X | | X | |  |  | | | 146,746.95 | |  | |  |  | |
| 3f. | Treatability Testing & Evaluation and Report | | X |  | |  | |  | | X | | X | |  |  | | | 96,495.98 | |  | |  |  | |
| 3g. | Construction Design 60% Plans (Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation) | | X |  | |  | |  | | X | | X | |  |  | | | 219,138.74 | |  | |  |  | |
| 3h. | Construction Design 90% Plans (Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation) | | X |  | |  | |  | | X | | X | |  |  | | | 137,290.86 | |  | |  |  | |
| 3i. | Construction Design 100% Plans (Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation) | | X |  | |  | |  | | X | | X | |  |  | | | 84,961.60 | |  | |  |  | |
| 3j. | Value Engineering & Constructability Review and Report | | X |  | |  | |  | | X | | X | |  |  | | | 60,023.80 | |  | |  |  | |
| 3k. | State, Local, and Federal Permit Application and Submittal (SWFWMD, USACoE, FDEP, and Building) | | X |  | |  | |  | | X | | X | |  |  | | | 93,611.07 | |  | |  |  | |
| 3l. | Construction Design 60% Plans (Flood Protection Mitigation) | | X |  | |  | |  | | X | | X | |  |  | | | 209,871.10 | |  | |  |  | |
| 3m. | Construction Design 90% Plans (Flood Protection Mitigation) | | X |  | |  | |  | | X | | X | |  |  | | | 154,485.12 | |  | |  |  | |
| 3n. | Construction Design 100% Plans (Flood Protection Mitigation) | | X |  | |  | |  | | X | | X | |  |  | | | 77,490.69 | |  | |  |  | |
| 3o. | Complete Construction Design and Bid Specification Package (Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation) | | X |  | |  | |  | | X | | X | |  |  | | | 112,707.74 | |  | |  |  | |
| 3p. | Complete Construction Design and Bid Specification Package (Flood Protection Mitigation) | | X |  | |  | |  | | X | | X | |  |  | | | 124,306.82 | |  | |  |  | |
| **4. Phase 3 - Construction** | | |  |  | |  | |  | |  | |  | |  |  | | |  | |  | |  |  | |
| 4a. | Construction Bid Notification,  subcontractor site visit, bid review, bid award & notification to most responsive bidder(s), procurement for dredging operations and sediment management | | X |  | |  | |  | | X | | X | |  |  | | | 45,000 | |  | |  |  | |
| 4b. | Construction Management & Vendor/Subcontractor Oversight as outlined in DOC Agreement No MT047 throughout Phase 3 | | X |  | |  | |  | | X | | X | |  |  | | | 1,834,500.87 | |  | |  |  | |
| 4c. | Construction oversight, work plans, including Health & Safety Plan and Emergency Response & Preparedness Plan | | X |  | |  | |  | | X | | X | |  |  | | | 51,786.10 | |  | |  |  | |
| 4d. | Lake Bonnet sediment removal mobilization | | X |  | |  | |  | | X | | X | |  |  | | | 418,000 | |  | |  |  | |
| 4e. | Construct dredge materials management area(s) (DMMA) and dewatering operations for contaminated sediments, | | X |  | |  | |  | | X | | X | |  |  | | | 540,830 | |  | |  |  | |
| 4f. | Construct geocells and aqua dams on 40 acres of wetland rehabilitation zone for non-contaminated dredge spoils. | | X |  | |  | |  | | X | | X | |  |  | | | 600,000 | |  | |  |  | |
| 4g. | Lake Bonnet sediment dredging operations (up to 425,000 cy sediment), separation of contaminated and non-contaminated sediment, placement in DMMA | | X |  | |  | |  | | X | | X | |  |  | | | 2,790,179 | |  | |  |  | |
| 4h. | Emplace non-contaminated dredge sediment in wetland rehabilitation zone | | X |  | |  | |  | | X | | X | |  |  | | | 6,696,429 | |  | |  |  | |
| 4i. | Emplace and dewater contaminated sediment in DMMA | | X |  | |  | |  | | X | | X | |  |  | | | 230,000 | |  | |  |  | |
| 4j. | Loading/transport/disposal of approximately 58,000 cubic yards of contaminated sediments (including sample collection, laboratory analysis, and manifest preparation) | | X |  | |  | |  | | X | | X | |  |  | | | 2,232,140 | |  | |  |  | |
| 4k. | Littoral zone rehabilitation & enhancement (10 acres) | | X |  | |  | |  | | X | | X | |  |  | | | 1,116,071 | |  | |  |  | |
| 4l. | Lake Bonnet sediment removal demobilization | | X |  | |  | |  | | X | | X | |  |  | | | 418,000 | |  | |  |  | |
| 4m. | Construction Bid Notification,  subcontractor site visit, bid review, bid award & notification to the most responsive bidder(s), procurement for flood hazard mitigation activities (weir removal, embankment stabilization, pump station & ancillary equipment installation, culvert retrofits, canal modifications, and flood relief diversion infrastructure) | | X |  | |  | |  | | X | | X | |  |  | | | 53,007.18 | |  | |  |  | |
| 4n. | Demolition & removal of dilapidated weir structure | | X |  | |  | |  | | X | | X | |  |  | | | 198,329 | |  | |  |  | |
| 4o. | Regrading/Stabilization of west Lake Bonnet embankment | | X |  | |  | |  | | X | | X | |  |  | | | 2,016,000 | |  | |  |  | |
| 4p. | Construct and install pump station, 42’ force main, and Ancillary Equipment for pumping from Lake Bonnet Canal to Lake Bonnet | | X |  | |  | |  | | X | | X | |  |  | | | 2,135,196 | |  | |  |  | |
| 4q. | Pump station power drop | | X |  | |  | |  | | X | | X | |  |  | | | 40,000 | |  | |  |  | |
| 4r. | Retrofit/Construct culverts at May Manor Crossing | | X |  | |  | |  | | X | | X | |  |  | | | 457,380 | |  | |  |  | |
| 4s. | Retrofit/Construct culverts at Bridge Boulevard | | X |  | |  | |  | | X | | X | |  |  | | | 457,380 | |  | |  |  | |
| 4t. | Lake Bonnet Canal Modifications (excavation, bank stabilization, dewatering, transport of materials) | | X |  | |  | |  | | X | | X | |  |  | | | 2,215,080 | |  | |  |  | |
| 4u. | Construction of flood relief diversion barriers, conveyance infrastructure, and retention/detention facilities | | X |  | |  | |  | | X | | X | |  |  | | | 8,926,255 | |  | |  |  | |
| 4v. | Final Report delivery (As-Builts, Photo Documentation) | | X |  | |  | |  | | X | | X | |  |  | | | 193,865.28 | |  | |  |  | |
|  | **Totals:** | | | | | | | | | | | | | | | | | | 42,986,390 | |  |  |  | |

**\*Show the sources and amounts of Other Funds needed to complete the project below, including local funds, grants from other agencies, and program income.**

|  |  |
| --- | --- |
| **Source of Other Funds** | **Amount** |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |