



RISK MANAGEMENT & PURCHASING
1140 EAST PARKER STREET
LAKELAND, FL 33801

ADDENDUM NO. 2
REQUEST FOR QUALIFICATIONS
PROFESSIONAL ENGINEERING & ENVIRONMENTAL CONSULTING SERVICES
(CCNA) FOR THE LAKE BONNET DRAINAGE BASIN FLOOD HAZARD AND DEBRIS
MITIGATION PROJECT
FOR THE CITY OF LAKELAND

April 20, 2023

2023-RFQ-020

The purpose of this addendum is to advise all interested parties of the following revisions and/or clarifications and to transmit the information as noted below:

1. **Questions & Answers (Attached)**
2. **RFQ Due Date Remains: 2:00 p.m. – Wednesday – May 31, 2023.**

All other items remain unchanged.

Tara T. Walls

Tara T. Walls, CPPB
Senior Purchasing Agent

RFP No. 2023-RFQ-020 Questions & Answers

HGS, LLC – Stephanie Rochowiak

- Please confirm that this SF LLL is required from each reporting entity (prime and each subconsultant firm) and not a signed form from each key personnel listed in our proposal. As stated under the Qualifications Package Section, Tab 10: Attached and/or Required Forms. Attachment 5 - Disclosure of Lobbying Activities (Standard Form – LLL) – ...”each of Respondent’s key employees” shall complete the form. For purposes of further defining “key employees” - The prime’s proposed principal in charge of the project and each subcontracted firm’s proposed principal in charge of the project shall execute the Form.

Environmental Science Associates, Inc - Kevin Lord

- Would the City please provide the schedule of deliverables agreed upon with DEO as part of the grant obligation?
Attached to this Addendum 2 is a copy of **Attachment B – Project Budget** and **Attachment C – Activity Work Plan** (these attachments are a part of the MT047 Subrecipient Agreement the City of Lakeland entered into with the State of Florida Department of Economic Opportunity on 10/27/2022) and are subject to change with DEO’s prior approval. Attachment B identifies the **Phases** and those **Deliverables** under each phase. Attachment C provides the **Estimated Units to be Completed by the “End Date.”** The City is in the process of updating the Start and End Dates of Attachment C, and does not anticipate any significant changes to the deliverables.

Attachment B – Project Budget

Subrecipient: City of Lakeland Contract Number: MT047 Modification Number:

| 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 and preparation/submittal of monthly and/or quarterly reports | X | | | | X | X | | | \$1,592,000 | | | |
| 1b. | Conduct stakeholder meetings with property owners within the project area, community engagement and outreach, public meetings, information sharing via social media and/or other methods as outlined in DEO Agreement No MT047 Project Implementation through Phase 1, Phase 2 and Phase 3 | X | | | | X | X | | | \$350,000 | | | |
| 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 DEO 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, regulatory agencies & submittal of | X | | | | X | X | | | \$1,080,000 | | | |

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|---------------------------------------|---|----|--|--|--|----|---|--|--|-------------|--|--|
| | meeting minutes to DEO as outlined in DEO Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3 (estimated 72 months) | | | | | | | | | | | |
| 1e. | Complete Environmental Review per NEPA Guidelines | X | | | | X | X | | | \$150,000 | | |
| 1g. | Prepare and submit Environmental Impact Statement and NEPA Review Findings and Recommendations Report (Draft and Final) | X | | | | X | X | | | \$50,000 | | |
| 1h. | Project & Program Management as outlined in DEO Agreement No MT047 Project Implementation through Phase 1, Phase 2, and Phase 3) | X | | | | X | X | | | \$2,160,226 | | |
| 2. Phase I - Feasibility Study | | | | | | | | | | | | |
| 2a. | Floodway Encroachment Analysis | X | | | | X | X | | | 358,000 | | |
| 2b. | FEMA review and coordination | X | | | | X | X | | | 15,000 | | |
| 2c. | Pre-application meetings with permitting agencies (SWFWMD, FDEP, USACoE) | X | | | | X | X | | | 25,000 | | |
| 2d. | Stakeholder coordination with property owners within the project area for access for feasibility study scope of work | X | | | | X | X | | | 10,000 | | |
| 2e. | Conduct surveys, site inspections, property appraisal and land/easement acquisition study | X | | | | X | X | | | 110,000 | | |
| 2f. | Project technical scope, schedule and budget review and refinement, submit to DEO | X | | | | X | X | | | 50,000 | | |
| 2g. | Topographic & Boundary Survey | X | | | | X | X | | | 75,000 | | |
| 2h. | Wetlands Delineation | X. | | | | X. | X | | | 90,000 | | |
| 2i. | Bathymetric Mapping and Sediment Thickness Survey | X. | | | | X. | X | | | 65,000 | | |

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|--|--|----|--|--|--|----|---|--|--|---------|--|--|--|
| 2j. | LiDAR Survey | X. | | | | X. | X | | | 95,000 | | | |
| 2k. | Project Feasibility & Implementation Plan | X | | | | X | X | | | 98,000 | | | |
| 2l. | 30% Preliminary Design Report (Dredge Operations, Wetland Rehabilitation and Littoral Zone Restoration) | X | | | | X | X | | | 165,000 | | | |
| 2m. | 30% Preliminary Design Report (Flood Protection Mitigation) | X | | | | X | X | | | 165,000 | | | |
| 3. Phase 2 – Design and Engineering | | | | | | | | | | | | | |
| 3a. | Complete easement & property acquisition | X | | | | X | X | | | 625,000 | | | |
| 3b. | Work Plans (Health & Safety, Emergency Response, Sampling & Analysis, and Quality Assurance/Quality Control) | X | | | | X | X | | | 95,000 | | | |
| 3c. | Sediment sampling field investigation, laboratory analysis, and report | X | | | | X | X | | | 230,000 | | | |
| 3d. | Geotechnical field investigation, laboratory analysis, and report | X | | | | X | X | | | 220,000 | | | |
| 3e. | Groundwater Impact Field Investigation (monitoring well and seepage meter install, sampling and analysis) and Report | X | | | | X | X | | | 135,000 | | | |
| 3f. | Treatability Testing & Evaluation and Report | X | | | | X | X | | | 80,000 | | | |
| 3g. | Construction Design 60% Plans (Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation) | X | | | | X | X | | | 175,000 | | | |
| 3h. | Construction Design 90% Plans (Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation) | X | | | | X | X | | | 150,000 | | | |
| 3i. | Construction Design 100% Plans (Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation) | X | | | | X | X | | | 75,000 | | | |

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|----------------------------------|---|---|--|--|--|---|---|--|--|-----------|--|--|--|
| 3j. | Value Engineering & Constructability Review and Report | X | | | | X | X | | | 45,000 | | | |
| 3k. | State, Local and Federal Permit Application and Submittal (SWFWMD, USACoE, FDEP, and Building) | X | | | | X | X | | | 80,000 | | | |
| 3l. | Construction Design 60% Plans (Flood Protection Mitigation) | X | | | | X | X | | | 175,000 | | | |
| 3m. | Construction Design 90% Plans (Flood Protection Mitigation) | X | | | | X | X | | | 150,000 | | | |
| 3n. | Construction Design 100% Plans (Flood Protection Mitigation) | X | | | | X | X | | | 75,000 | | | |
| 3o. | Complete Construction Design and Bid Specification Package (Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation) | X | | | | X | X | | | 125,000 | | | |
| 3p. | Complete Construction Design and Bid Specification Package (Flood Protection Mitigation) | X | | | | X | X | | | 125,000 | | | |
| 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 DEO Agreement No MT047 throughout Phase 3 | X | | | | X | X | | | 1,852,895 | | | |
| 4c. | Construction oversight workplans, including Health & Safety Plan and Emergency Response & Preparedness Plan | X | | | | X | X | | | 48,000 | | | |
| 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 | | | |

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| 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 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 | | | 45,000 | | | |
| 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 | | | |

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| 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 | | | 195,000 | | | |
| 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. Bonnet Springs Park | |
| 2. | |
| 3. | |
| 4. | |

Attachment C – Activity Work Plan

Subrecipient: City of Lakeland Activity: Lake Bonnet Drainage Flood Hazard and Debris Mitigation Project Project Budget: \$42,986,390.00
 Contract Number: MT047 Date Prepared: October 2022 Modification Number: _____

| Start Date (month/year) | End Date (month/year) | Describe Proposed Action to be Completed by the “End Date.” <i>Examples of Actions:</i> Procure Administrator or Engineer, Complete Environmental Review and Obtain Release of Funds, Request Wage Decision, Complete and Submit Design and Specifications, Advertise for and Open Bids, Issue Notice to Proceed, Construction Completion (33, 66, and 100 percent or 25, 50, 75, and 100 percent), Complete Construction Procurement Process, Advertise Availability of Housing Rehabilitation Funds, Complete Rankings of Homes per HAP, Number of Houses Rehabilitated and Submit Closeout Package to DEO. | Estimated Units to be Completed by the “End Date” | Estimated Funds to be Requested by the “End Date” |
|----------------------------|--------------------------|--|---|---|
| 11/22 | 12/28 | Monthly financial records maintenance, preparation & submittal of monthly reports | 72 | \$1,592,000 |
| 12/22 | 12/28 | Conduct stakeholder meetings and prepare meeting minutes, provide community engagement and outreach activities, information sharing via social media throughout the implementation to completion of project | 12 | \$350,000 |
| 12/22 | 1/23 | Prepare and submit bid documents and specifications for environmental consulting services, including NEPA review, program oversight, project design and engineering for review and approval by DEO | 1 | \$40,000 |
| 1/23 | 3/23 | Advertise for and open bids for environmental consulting services, evaluate and rank bids, issue notice to proceed to selected subcontractor, prepare contract documents | 1 | \$10,000 |
| 12/22 | 12/28 | Monthly project planning meetings with City staff, vendors, subcontractors, regulatory agencies, and preparation and submittal of meeting minutes | 72 | \$1,080,000 |
| 4/23 | 9/23 | Complete NEPA review (field investigations, records review, site surveys) | 1 | \$150,000 |
| 8/23 | 9/23 | Prepare and submit findings and recommendations report for NEPA review (DRAFT) | 1 | \$25,000 |
| 10/23 | 11/23 | Prepare and submit NEPA findings and recommendations report (FINAL) | 1 | \$25,000 |
| 12/22 | 12/28 | Project oversight and program management, communications with regulatory agencies, QA/QC oversight, compliance maintenance, etc. | 72 | \$2,160,226 |
| 1/23 | 4/23 | Stakeholder coordination with property owners within Feasibility Study project area to obtain site access and review scope of work | 1 | \$10,000 |
| 4/23 | 8/23 | Complete Floodway Encroachment Analysis (field investigations, records review, site visits) | 1 | \$300,000 |

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| 7/23 | 9/23 | Prepare and submit DRAFT Floodway Encroachment Analysis report with findings and recommendations | 1 | \$40,000 |
| 10/23 | 11/23 | Prepare and submit FINAL Floodway Encroachment Analysis report with findings and recommendations | 1 | \$18,000 |
| 11/23 | 12/23 | Complete FEMA review and coordination, prepare Letter of Map Revision as needed) | 1 | \$15,000 |
| 8/23 | 12/23 | Complete pre-application meetings with permitting agencies, including Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection (FDEP), US Army Corp of Engineers (USACoE) | 1 | \$25,000 |
| 4/23 | 9/23 | Complete surveys, site inspections, property records review, property appraisals, and land/easement acquisition study | 1 | \$110,000 |
| 9/23 | 12/23 | Project technical scope, schedule, and budget review and refinement, submit to DEO for approval | 1 | \$50,000 |
| 4/23 | 9/23 | Complete Topographic & Boundary Survey of project study area | 1 | \$75,000 |
| 4/23 | 9/23 | Complete Wetlands Delineation in project study area | 1 | \$90,000 |
| 4/23 | 9/23 | Complete Bathymetric Mapping and Sediment Thickness Survey | 1 | \$65,000 |
| 4/23 | 9/23 | Complete LiDAR Survey of project study area | 1 | \$95,000 |
| 8/23 | 10/23 | Complete Project Feasibility Study & Implementation Plan DRAFT report | 1 | \$64,000 |
| 11/23 | 12/23 | Complete Project Feasibility Study & Implementation Plan FINAL report | 1 | \$34,000 |
| 9/23 | 9/23 | Complete and submit 30% Preliminary Design Report for Dredge Operations, Wetland Rehabilitation and Littoral Zone Restoration | 1 | \$165,000 |
| 9/23 | 9/23 | Complete and submit 30% Preliminary Design Report for Flood Protection Mitigation | 1 | \$165,000 |
| 9/23 | 2/24 | Complete easement and property acquisitions | 1 | \$625,000 |
| 4/23 | 5/23 | Complete Work Plans for field investigation work, including Health & Safety Plan, Emergency Response Plan, Sampling & Analysis Plan, & Quality Assurance Project Plan | 4 | \$95,000 |

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| 4/23 | 9/23 | Complete sediment sampling field investigation, laboratory analysis, summary report | 1 | \$230,000 |
| 4/23 | 9/23 | Complete geotechnical field investigation, laboratory analysis, summary report | 1 | \$220,000 |
| 4/23 | 9/23 | Complete groundwater impact field investigation, laboratory analysis, and summary report | 1 | \$135,000 |
| 7/23 | 9/23 | Complete treatability testing/evaluation, and summary report | 1 | \$80,000 |
| 11/23 | 11/23 | Complete Construction Design Plans (60%) for Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation | 1 | \$175,000 |
| 11/23 | 11/23 | Complete Construction Design Plans (60%) for Flood Protection Mitigation | 1 | \$175,000 |
| 9/23 | 11/23 | Complete Value Engineering & Constructability Review and Summary Report | 1 | \$45,000 |
| 1/24 | 1/24 | Complete Construction Design Plans (90%) for Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation | 1 | \$150,000 |
| 1/24 | 1/24 | Complete Construction Design Plans (90%) for Flood Protection Mitigation, submit to DEO for review | 1 | \$150,000 |
| 11/23 | 1/24 | State, Local, and Federal Permit application and submittals (SWFWMD, FDEP and USACoE) | 1 | \$80,000 |
| 3/24 | 3/24 | Complete Construction Design Plans (100%) for Dredge Operations, Wetland Restoration, and Littoral Zone Rehabilitation | 1 | \$75,000 |
| 3/24 | 3/24 | Complete Construction Design Plans (100%) for Flood Protection Mitigation | 1 | \$75,000 |
| 3/24 | 4/24 | Complete Construction Design and Bid Specification Package for Dredge Operations, Wetland Restoration and Littoral Zone Rehabilitation, submit to DEO for review and approval | 1 | \$125,000 |
| 3/24 | 4/24 | Complete Construction Design and Bid Specification Package for Flood Protection Mitigation, submit to DEO for review and approval | 1 | \$125,000 |
| 4/24 | 5/24 | Construction bid notifications for dredging operations and sediment management, subcontractor site visit, bid review, bid award & notification to most responsive bidder(s). Complete procurement package and submit to DEO for review and approval | 1 | \$45,000 |
| 4/24 | 5/24 | Construction bid notification for flood protection mitigation (weir removal, embankment stabilization, pump station construction, culvert retrofits, canal modifications, and flood relief diversion infrastructure), subcontractor site visit, bid review, bid award & notification to most responsive bidder(s). Complete procurement package and submit to DEO for review and approval. | 1 | \$45,000 |

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|-------|-------|---|----|-------------|
| 1/24 | 2/24 | Complete construction work plans (Health & Safety, Emergency Response & Preparedness) | 1 | \$48,000 |
| 5/24 | 12/28 | Construction Management & Vendor/Subcontractor Oversight, monthly project status review/update | 48 | \$1,852,895 |
| 5/24 | 12/27 | Lake Bonnet sediment removal/dredging equipment mobilization | 3 | \$418,000 |
| 12/24 | 10/28 | Lake Bonnet sediment removal/dredging equipment demobilization | 3 | \$418,000 |
| 5/24 | 6/28 | Construct dredge materials management area(s) (DMMA) and dewatering operations for contaminated sediment | 1 | \$540,830 |
| 5/24 | 6/28 | Construct geocells and aquadams for non-contaminated sediment | 1 | \$600,000 |
| 6/24 | 10/28 | Lake Bonnet sediment dredging operations, separation of contaminated vs. non-contaminated sediment (approximately 425,000 cubic yards) | 1 | \$2,790,179 |
| 6/24 | 10/28 | Emplace non-contaminated sediment in geocells and complete wetland rehabilitation | 1 | \$6,696,429 |
| 6/24 | 10/28 | Emplace contaminated sediment in DMMA and complete dewatering operations | 1 | \$230,000 |
| 6/24 | 10/28 | Loading/transport/disposal of approximately 58,000 cubic yards of contaminated sediment (includes laboratory analysis, manifest preparation and tracking) | 1 | \$2,232,140 |
| 6/24 | 10/28 | Thin layer sand capping and littoral zone restoration | 1 | \$1,116,071 |
| 6/24 | 10/24 | Demolition of dilapidated weir in Bonnet Canal | 1 | \$198,329 |
| 6/24 | 6/26 | Regrading and stabilization of west Lake Bonnet embankment | 1 | \$2,016,000 |
| 2/25 | 6/27 | Construct and install pump station, 42" force main and ancillary equipment for pumping water from Lake Bonnet Canal to Lake Bonnet | 1 | \$2,135,196 |
| 3/27 | 8/27 | Install pump station power drop | 1 | \$40,000 |
| 1/25 | 6/27 | Retrofit/construct culverts at May Manor Crossing | 1 | \$457,380 |

| | | | | |
|------|-------|--|---|-------------|
| 1/25 | 6/27 | Retrofit/construct culverts at Bridge Boulevard | 1 | \$457,380 |
| 1/25 | 6/27 | Lake Bonnet Canal modifications/retrofit (excavation, bank stabilization, dewatering, transport and disposal of materials) | 1 | \$2,215,080 |
| 1/25 | 6/28 | Construction of flood relief diversion barriers, conveyance infrastructure and retention/detention facilities | 1 | \$8,926,255 |
| 6/28 | 12/28 | Final Report delivery, including as-built engineering drawings | 1 | \$195,000 |