REQUEST FOR PROPOSALS

COMPATIBLE USE AND MILITARY INSTALLATION RESILIENCY

THE GULF REGIONAL PLANNING COMMISSION
BILOXI, MISSISSIPPI
SEPTEMBER 2020

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List of Commonly Used Acronyms

Department of Defense Office of Economic Adjustment (OEA)

Compatible Use and Military Installation Resiliency (CUMIR)

Keesler Air Force Base (KAFB)

Naval Construction Battalion Center Gulfport (NCBC)

- Western Maneuver Area at Stennis Space Center (WMA)
- Woolmarket Small Arms Range (SAR)

National Aeronautics and Space Administration (NASA)

John C. Stennis Space Center (SSC)

- Stennis Space Center Acoustical Buffer Zone – (Buffer Zone)

Federal Aviation Administration (FAA)

Hancock County's Stennis International Airport (SIA)

Hancock County Port and Harbor Commission (HCPHC)

Unmanned Aerial Systems (UAS)

Military Influence Overlay District (MIOD)

Joint Land Use Studies (JLUS)

Gulf Regional Planning Commission (GRPC)

Section 1

Invitation to Consultants

A. The Gulf Regional Planning Commission (GRPC) has been awarded a Compatible Use and Military Installation Sustainability Grant by the Department of Defense (DOD) Office of Economic Adjustment (OEA). The grant will implement recommendations from both of the 2017 Joint Land Use Studies (JLUS) prepared for the Naval Construction Battalion Center Gulfport and Special Areas (NCBC) and Keesler Air Force Base (KAFB). These studies are done every few years and bring military personnel, City and County officials, and representatives from relevant industries together to increase communication, understanding, and collaboration between all parties and foster more compatibility. This implementation program is referred to as the Gulf Coast Regional Compatible Use and Military Installation Resilience (CUMIR).

B. The GRPC will receive proposals from interested consultants until **5:00 pm (CST), Tuesday, October 20, 2020**. Proposals shall be mailed, sent electronically, or delivered to:

The Gulf Regional Planning Commission
1635 Popps Ferry Road, Suite G
Biloxi, MS 39532- 2312
Via email: jol@grpc.com

C. The **Project Overview** and **Scope of Work** for the Gulf Coast Regional CUMIR are in Section II of the Request for Proposals (RFP). The RFP provides instructions that the Consultant must follow to submit a proposal for the work.

D. Statements of Proposals will be time-stamped and recorded and reviewed for compliance with the required format and content. The Consultant's Proposal shall contain all elements described in this request. Consultants will be notified if their Proposal is compliant and has been submitted to the Gulf Coast Regional CUMIR Selection Team for evaluation. Consultants fail to comply with the delivery, and content requirements will receive a finding of "non-responsive" and will not be considered for further evaluation.

E. Questions related to this RFP must be submitted no later than **5:00 pm (CST), Thursday, October 15, 2020.**

F. Questions should be in writing via email to Jeff Loftus, GRPC Project Manager, jol@grpc.com

G. All procurements utilizing the OEA grant funds will be in accordance with **2 CFR Part 200.317-326**, all applicable State of Mississippi and local laws and regulations, and applicable Federal laws and standards.

Section II

Project Overview and Scope of Work

The purpose of this effort is to provide for compatible use among the military and private sectors and to develop resilient energy strategies that strengthen the Coast to all disasters. Climate change, ecological risks, and the expanded magnitude and breadth of military operations need further examination so that collaboration among the military, private sector, and the public can be maximized. The Project has two components: Compatible Use and Military Installation Resiliency.

COMPATIBLE USE

The economic climate and military activities have expanded in recent years. The number of military operations and types of services has grown on the Coast, including the number of naval vessel construction contracts. The Compatible Use portions of this effort will address these issues mentioned above so that these operations can be performed in a way that is compatible with public and private sector needs and, in doing so, preserves the missions of the military on the Coast.

MILITARY INSTALLATION RESILIENCY - ENERGY AND SECURITY ACTION PLAN

Hurricane Michael demonstrated the catastrophic effects that severe weather can have on a coastal community and left nearly 2.5 million customers without power, including Tyndall Air Force Base, for almost two weeks. Resiliency planning needs to incorporate energy technologies that lessen the consequences and severity of the disaster. Resiliency planning will make for a less consequential, less expensive, and less resource-intensive recovery. This study will develop a Military Installation Resilience and Action Plan for the City of Biloxi and KAFB and make them more resilient before, during, and after a disaster.

GRPC has been supporting communities and military installations along the Gulf Coast for many years. With the state of Mississippi provided matching assistance, GRPC has completed two JLUS Studies, one for KAFB and the second for NCBC, which were partially funded by the Department of Defense (DoD) and the Office of Economic Adjustment (OEA). The following websites present documentation on these projects:

KAFB:	http://www.keeslerjlus.com
NCBC Gulfport:	https://www.seabeesjlus.com

The previous JLUS efforts successfully engaged the communities that were impacted by the mission and operations of the military in their midst. Typical of many installations in the country, urbanization has transformed the land around local bases. Real and potential encroachment issues have created challenges for the sustainability of military missions as well as having the potential to impact the wellbeing of the community. The JLUS process was an incredible eye-opener for many civilians experiencing first-hand the training and education operations happening every day along the Coast to maintain the military readiness of the armed services.

The JLUS defined and prioritized recommendations that need to be in place to sustain the military missions and protect the regional economic impact of the military while allowing for the continued growth and development of the communities.

Proposed Compatible Use and Military Installation Resilience Programs

Military Influence Overlay District (MIOD)

The current Overlay District developed under the most recent JLUS Implementation for the Stennis International Airport (SIA) is based on FAA requirements for commercial airports. However, SIA has experienced more military aircraft and operations since the initial JLUS Study. During the recent JLUS implementation project discussions among stakeholders, it became apparent that an Overlay District may be needed to address the development of land owned by Hancock County property owners within NASA's acoustical Buffer Zone. The primary concern for the MIOD is to consider regulation and control of the development of alternative energy sources (i.e., solar panels) and telecommunication towers. This newly proposed MIOD is therefore needed and much more comprehensive than the Overlay District that was done only for SIA. The proposed MIOD warrants a more coordinated effort with interested stakeholders, including those military operations in the Western Maneuver Area (WMA), NASA, Hancock County Port and Harbor Commission (HCPHC), SIA, and Hancock County.

The need for this new MIOD arises from the fact that the military operations continue to account for the majority of the air traffic at SIA. The County is also receiving requests for solar installations and cell towers in the area that could interfere with military operations. The previous effort focused on the area around the SIA area. This new MIOD will identify the area(s) impacted by the military and any existing or planned Unmanned Aerial Systems (UAS) training within and outside of the Buffer Zone. Without this MIOD, the height issue would restrict some of the low-level flying training exercises, and it would limit Hancock County's ability to regulate development in a compatible manner.

Unmanned Aircraft Systems (UAS)

Private unmanned aircraft systems—drones—flying over installations and SIA create concerns for military activities. Communication and education are needed to inform residents and visitors within the area. With increased military training opportunities, more military UAS are being used as part of training exercises. Measures will be investigated to reduce conflicts, including identifying and mapping the flight corridors and establishing no-fly zones. These efforts will help protect future use and preserve military readiness and defense capabilities.

Comprehensive Plan Amendment

There is a need to create a military compatibility element to be incorporated within the Comprehensive Plans of impacted jurisdictions, including but not limited to, Harrison County, Hancock County, and the Cities of Long Beach, Gulfport, Biloxi, and D'Iberville. With the new upcoming census, many jurisdictions will be updating their plans. This is the right time to develop a military compatibility toolkit to encourage the locals to plan with the military installations in mind.

Partnership Forum

There is interest in establishing a forum to communicate ideas and growth strategies along with maintaining consistent coordination and communication of services. The NCBC Gulfport JLUS study recognized the need for improved coordination between the Navy and Hancock County. There is expanded military training activity in the area with continued training at the Western Maneuver Area (WMA) and SIA (building a multi-use airstrip) along with new training

opportunities at the County's Port Bienville Industrial Park, which has a shallow draft Port for barges.

Regional Housing Assessment

Housing is an essential service that is provided to military personnel. It affects the military quality of life and is a critical component of military readiness. NCBC is responsible for the Navy's housing requirements for the three counties on the Coast, including Lakeside Inn in Pascagoula. Lakeside Inn, a 510-unit berthing capacity, provides lodging for naval personnel involved with pre-commissioned units under construction at Pascagoula shipyards. When this facility is full, local motels and hotels are considered along with the housing availability at the NCBC base in Gulfport, approximately 47 miles to the west.

The military mission would be deeply impacted if sufficient living space was not available for Navy personnel as it would result in a dispersed workforce, cost increases, low morale, and an overall decrease in military readiness. Without adequate housing, a ship's crew may be dispersed until adequate berthing is available on the ship, which may delay the completion of the ship's construction. It may also reduce the required readiness of the vessels as they would not be able to have as many sailors in the area as needed for ship construction, thus increasing costs. Our national security relies on the quality and commitment of the men and women who serve. DOD's policy is to ensure that eligible personnel and their families have access to affordable, quality housing facilities and services consistent with their grade and dependent status and that the housing should generally reflect contemporary community living standards.

Military Installation Resiliency and Security Action Plan

Along with planning for economic and resident growth, ecological factors must be considered when designing plans. Both Biloxi and KAFB were severely damaged during Hurricane Katrina, which left approximately one million customers without power. Nearly three weeks after the hurricane, a total of 212,566 electric service meters remained without power on the Gulf Coast. While these two entities demonstrated remarkable resilience in the aftermath of the storm, the lack of electrical power slowed recovery efforts and made life during the immediate aftermath extremely difficult.

While rebuilding, KAFB and Biloxi took proactive measures to harden and relocate their assets to prevent the same destruction as sustained from Hurricane Katrina, including more stringent building codes and higher structural elevation requirements. Also, joint training of emergency personnel has become a standard practice among all agencies and organizations involved in securing the safety and wellbeing of the area. While these efforts go a long way, there is much more that needs to be done to mitigate the loss of electrical power and the disruption of electrical services. The KAFB JLUS of 2017 identified the need to protect KAFB by addressing potential threats to their facilities and operations from natural disasters by recommending a climate resilience assessment. The Military Installation Resilience and Action Plan will serve as the recommended climate resilience assessment.

Project Goals and Objectives

Goals

After review of the following goals and objectives, please refer to the attached Crosswalk of Program Goals related to the OEA Mission. The goals of the proposed Compatible Use Program will be to develop and implement a series of recommendations that will further the future growth and economic needs of the area. These include addressing issues and making recommendations on the following areas:

- Assess future infrastructure improvements and industrial developments.
- Provide for sustainable growth and quality of life for current and future residents.
- Preserve the ability of the military to adjust its mission over time.

The goal of the proposed Military Installation Resiliency and Security Action Plan will be to develop and implement a series of recommendations that make the energy sources of Biloxi and KAFB more resilient to disasters and have them available before, during, and immediately after a disaster. The Plan is intended to provide this preparation for the community and military base. The Plan's goals include the broad, strategic outcomes that Biloxi and KAFB want to achieve. They will follow the tenets of the DoD Energy Program and integrate the pillars of expanding supply, reducing demand, and adapting future forces and technologies. They include, but are not limited to, the following:

- Mitigate and prepare for negative ecological impacts on military and civilian activities that result from hurricanes, floods, and climate change.
- Expand coordination and partnership among KAFB and the City of Biloxi
- Foster a shared culture of energy conservation and resiliency.
- Incorporate emerging and innovative energy technologies to increase energy resiliency.
- Provide energy solutions for both large scale disasters and small-scale interruptions.

Objectives

The objectives include:

- Identify needed improvements in highway, railroad, airfield operations, and broadband.
- Understand future regional housing needs and local development patterns.
- Identify needs for UAS and their flight patterns.
- Build an overlay district in Hancock County that would provide for future use.
- Establish a regional forum for future issue identification and collaborative strategies including:
    - Training opportunities, rocket ports, and rocket testing, and private investments in mutually beneficial space exploration activities.

The specific objectives of the Military Installation Resiliency and Security Action Plan include:

- Identify the energy requirements of critical assets.
- Identify mission-critical activities for Biloxi and KAFB.
- Define and understand interdependent infrastructure relationships and essential needs.
- Develop life-cycle cost analysis for resilient energy technologies and solutions.
- Develop opportunity costs for the implementation of resilient technologies.
- Identify threats from a "no-build" scenario.
- Develop metrics with which success can be measured for an implementation phase.

Overall, the intent is to develop a set of mission-critical requirements so that options for implementation can be developed. It will provide a framework and collaborative approach to making decisions on the best means to implement recommendations from both projects. Below is a table that crosswalks the Goals of the Project and how they are related to the OEA Mission. A brief explanation follows.

Crosswalk of Goals related to OEA Mission					
	GRPC Project Goals				
OEA Mission	Military Overlay District	Regional Housing Assessment	Energy Resiliency Plan	UAV Mapping	Partnership Forum
Assist state and local governments to address and prevent the encroachment of civilian communities from impairing the operational utility of military installations	★	★	★	★	★
Preserve and protect the public health, safety, and general welfare of those living near an active military installation		★	★		
Protect and preserve military readiness and defense capabilities while supporting continued community economic development	★	★		★	★
Enhance civilian and military communication and collaboration			★		★
Increase public awareness of the military mission	★	★			★

1) Assist state and local governments to address and prevent the encroachment of civilian communities from impairing the operational utility of military installations

- The military overlay district will provide Hancock County with a framework for continued development without encroaching on the missions of Stennis International Airport (SIA) and the military activities in the Western Maneuver Area of Stennis Space Center (SSC).
- The UAS mapping effort will allow for the growth of the use of UAS in Hancock County while maintaining compatible air zones near SIA and SSC.
- Partnership Forum at SSC with the military will allow for collaboration on long-term facility needs of both militaries, government, and civilian interests.
- In the aftermath of a storm, the energy resiliency of the KAFB will allow for the military to operate independently and, therefore, not infringe on the energy needs of the civilian communities.
- The Regional Housing Assessment will allow for adequate housing in the future so that the military mission can be preserved without hardship to the military personnel and the communities.

2) Preserve and protect the public health, safety, and general welfare of those living near an active military installation

- The energy resiliency of the KAFB will allow the military to operate independently and, therefore, not infringe on the energy needs of the civilian communities.
- The regional housing study will identify available housing and characteristics of existing housing so that deficiencies are identified and mitigated.

3) Protect and preserve military readiness and defense capabilities while supporting continued community economic development

- Regional Housing study will identify housing needs for civilians and military personnel so that needs can be identified and addressed to accomMIODate all sectors and allow the military to house appropriately in the area.
- Military overlay district will allow for continued expansion of missions at SIA and SSC.

• UAS usage will expand for private and military use. By mapping the flight needs, this protects and preserves future capabilities for the military, especially for training exercises that need situation-dependent training in the future.
• The Partnership Forum will allow long-term needs and plans to be discussed so that continued growth can happen in a collaborative manner.

4) Enhance civilian and military communication and collaboration

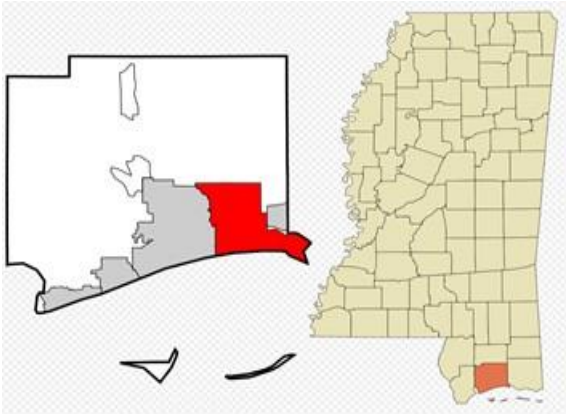
• The Energy Resiliency Plan will allow for more cooperation and defined communication between the military and the private community, so that disaster preparedness, response, and recovery functions are more defined and better understood.
• The Energy Resiliency Plan will expand coordination and partnership among KAFB and the City of Biloxi and foster a shared culture of energy conservation and resiliency.
• The Regional Housing assessment will enhance collaboration on the housing needs of the various communities and the military on the Coast and help provide better planning and land use for both public and private sector needs.

5) Increase public awareness of the military mission

• Partnership Forum at SSC with the military will allow for collaboration on long-term facility needs of both military, government, and civilian interests.
• The Military Overlay District will provide the residents and business of Hancock County with a better understanding of the requirements within the County for building and operating and how that affects the military's mission.
• The Regional Housing study will identify the housing needs of the military that will help the private sector understand the importance of the military's mission to the Coast's economy.

Community Description

Three counties, Hancock, Harrison, and Jackson, which lie on the shores of the Mississippi Sound, comprise the 75 miles stretch of the Mississippi Gulf Coast. There are twelve cities in the coastal counties, the largest being Gulfport, and the newest, incorporated in Diamondhead in 2012. The total population for the Metropolitan Statistical Area, which includes all three counties is approximately 417,000, according to the 2019 Bureau of Census estimate.



The Cities and Counties have worked diligently and collaboratively to recover after Hurricane Katrina in 2005, the national economic recession, and the Deepwater Horizon oil spill in 2010. However, the development patterns accompanying the recovery of the Coast and the population have altered and, at times, been compatible with the military's mission.

As the cities and counties have become more urban, the densities of residential and commercial land use have increased in the areas surrounding NCBC Gulfport and its associated Special Areas. In particular – with the recent Highway 67 improvements, future development along the corridor may impact ongoing training and operations at the Woolmarket (SAR). Riverine and other specialized training activities that take place in the more remote east Pearl River locations of Hancock County and St. Tammany Parish, LA compete with an influential culture of hunting, fishing and river recreation by local coastal residents.

Increase job opportunities due to increased contracts at NASA's John C. Stennis Space Center (SSC) and Huntington-Ingalls Ship Building, and due to increased military training opportunities at the Port of Gulfport and SIA, housing needs have changed and are becoming more complex. Many governmental employees, approximately 30%, choose to live in neighboring states, and therefore, public and private officials realize the importance of improving and offering a variety of housing to compete regionally. Understanding the housing conditions and the local military and civilian demand will be critical to the local economy and the missions of the military installations.

Hancock County is home to SSC and Hancock County's SIA. Stennis Space Center is America's largest rocket engine test facility located in the western portion of the County and is surrounded by an acoustic buffer zone. The largest tenant is the U.S. Navy. One of the more recognized training facilities for warfare is the Western Maneuver Area, which provides Naval Riverine and Jungle training including live fire from the river to land. The area supports numerous other types of training, such as insertion and extraction exercises, small watercraft tactics, and convoy training.

SIA is located on the eastern edge of the Buffer Zone. It supports naval specialized warfare training and operations such as aircraft loading and equipment staging, military free fall and static line jumping, helicopter fast rope and rappelling, drops zone, and convoy training. The training is conducted under an airport use agreement between HCPHC, Hancock County, and the U.S. Government.

Harrison County is home to the City of Gulfport, located in the southcentral portion of Harrison County on the Mississippi Gulf Coast. The NCBC Gulfport's primary mission is to support up to five active Naval Mobile Construction Battalions (NMCB's), Naval Construction Group TWO (NCG TWO), and the Naval Construction Training Center (NCTC). The Mississippi State Port Authority is also located in the City and became a Commercial Strategic Seaport in late 2017. The Port of Gulfport was able to gauge its readiness during Operation Arctic Anvil Joint Readiness Exercise (a no-notice deployment) this past fall. Northeast of Gulfport on HWY 67, within the southern portion of DeSoto National Forest, NCBC's Woolmarket Range provides small arms training.

The City of Biloxi is located within the southeastern portion of Harrison County on the Mississippi Gulf Coast. It is one of two County seats in Harrison County. Two major industries, Defense and Gaming, are the mainstay of Biloxi's economy. Much of the population resides south of Interstate 10 and is subjected to the natural disasters that are inherent in the Gulf Coast region such as Hurricanes and flooding.

Founded in 1941, KAFB is host to the training unit for the 81st Training Wing. The group hosts the 2nd Air Force, the 403rd Wing (Hurricane Hunters), and the second-largest Air Force Medical facility in the United States. In 2010, an economic impact study estimated that KAFB had an impact of nearly $1.2 Billion on the local economy and that military retiree payroll in the area had a yearly impact of almost $386 Million.

KAFB is situated adjacent to the CSX Railroad line on its southern border and the waters of the back bay of Biloxi on its northern border. It is surrounded by urban development on the western and eastern boundaries and is one-half mile west of Interstate 110. It is in the immediate proximity of urban development that has resulted in incompatible development and adverse impacts on the Keesler mission and creates the potential for future incompatible uses with military operations.

Jackson County is home to NCBC's Lakeside Inn in the City of Pascagoula. Lakeside, built in the early 1960s, serves the lodging needs of pre-commissioning units under construction at Huntington Ingalls shipyards in Pascagoula. There is a total berthing capacity of 510. There may be a substantial demand in the near future for military housing to support the Naval shipbuilding. With recent awards to build six destroyers and one new amphibious warship, Huntington Ingalls Industries, Pascagoula's largest employer, NCBC Gulfport will have to assess the appropriate housing opportunities within the Region to meet the demand once these ships are under construction.

Key Military Installations and Local Support Facilities

Organization

The study will use a project organizational structure that focuses on partnerships committed to working together to achieve energy resiliency. A broad-based project team will be assembled that will include key stakeholders and content experts to provide an encompassing team to work through issues as they are identified. GRPC will be responsible for overall coordination and information sharing. The following member agencies are envisioned for participation:

- Gulf Regional Planning Commission, Project Administrator
- Hancock County Port and Harbor Commission
- Hancock County, Mississippi
- NASA's John C. Stennis Space Center
- Naval Construction Battalion Center (NCBC) – Gulfport
- Jackson County, Harrison County, Cities of Biloxi, Gulfport, Long Beach, and D'Iberville
- University of Southern Mississippi (USM) Defense Diversification Institute

Technical and Policy Committees

The Project will incorporate two committees that have been successfully used in the past studies. These two committees include the Technical Committee and the Policy Committee and will consist of many representatives from previous efforts that will allow for the Project to have consistency from past experiences and also for the Project to progress quickly into addressing the study goals and objectives.

Project Schedule

GRPC will use a phased approach to project management of this Project to plan and control the project scope and deliverables. This approach will help to create success stories and provide the necessary communication and build project momentum for each deliverable. A phased approach will allow for first-hand information about the Project characteristics, personnel, and culture to be developed. By using the phased approach, sound plans for each Project and phase will be developed, and a coordinated timing of Projects will be implemented to maximize usefulness.

Phased Approach

PHASE 1 INITIATION-MONTHS 1-2:

- Mobilize and Establish TC and PC Committees
- Coordinate Work Plan Priorities and Goals
- Prepare RFP Technical Specifications

PHASE 2-MONTHS 2-8

- Finalize contractor selection
- Structure Project Planning
- Individual Project Work Begins

PHASE 3-MONTHS 8-16

- Project Collaboration
- TC and PC Review, Response, Decision Making
- Review of Draft Products
- Cross-functional Meetings

PHASE 4-MONTHS 16-18

- Review and Recommend Phase
- Transition Project Recommendations

Timeline

GRPC envisions this Project to take approximately eighteen months from the date of award until final project closeout. The below schedule shows the significant milestones of the Project and includes team meetings for reviewing interim work products and for strategic brainstorming and visioning sessions.

MONTH ONE:

- Identify Project Coordinator, Stakeholders, and Sub-Committees
- Begin RFQ and hold Initial Project Meeting

MONTHS ONE – FOUR:

- Select Consultants
- Develop work plans
- Sub-Committee meetings – PC and TC
- First quarter team meeting

MONTHS FOUR – EIGHT:

- Begin collecting current housing data for Regional Housing Study
- Conduct Risk Assessment for Energy Resiliency and Security Action Plan
- Identify vulnerabilities and access environmental models using GIS
- Conduct interview with stakeholders and key military personnel to identify risks
- Develop a GIS database and visual models
- Begin Resiliency Assessment and Vulnerability Assessment
- Conduct Assessment of Mutual Needs, Stakeholder needs, Opportunities, Threats
- Identify emergency response capabilities using an all-hazards approach
- Review Sustainability efforts of GRPC

MONTHS EIGHT – TWELVE:

- Develop Recommendations for Energy Resilient Project Implementation
- Begin gathering data, constructing datasets, and conducting analysis for the MIOD model
- Begin gathering data, creating datasets, and conducting analysis for UAS model
- Conduct analysis on current and future needs for Regional Housing Study
- Second quarter team meeting

MONTHS TWELVE – SIXTEEN:

- Draft initial Energy Resiliency Report
- Develop recommendations for the Regional Housing Study
- Construct a GIS model and map for the Military Influence Overlay District
- Construct a GIS model and plan for Unmanned Aerial Systems

MONTH SEVENTEEN:

- Final team meeting
- Present deliverables and reports at the final team meeting

MONTH EIGHTEEN:

- Draft Final Report
- Accept Final Report

Deliverables and Scope of Work

1. **Military Influenced Overlay District**- The deliverables include a description of the district(s) in text and map format within which zoning and land use controls are designed to sustain the military and protect the public.

2. **Unmanned Aircraft Systems**- The deliverable will be a report documenting the investigation of UAS flight corridors and develop a summary of findings, including mapping of identified flight corridors.

3. **Military Compatibility Element**- The deliverable will be a report of comparative NCBC and KAFB Joint Land Use Studies' recommendations and actions for incorporation into impacted communities' comprehensive plans.

4. **Partnership Forum**– The deliverable is to establish and host a Partnership Forum to build relationships, share information, and collaborate on common issues.

5. **Regional Housing Study**- The deliverable will include a housing report assessing regional housing needs for the military and the Region.

6. **Military Installation Resilience and Action Plan**- The deliverable will consist of a report of findings and recommended actions to increase efficiency and resiliency in the energy system. In particular, the **energy resiliency portion** will incorporate the risk management approach described in the *National Infrastructure Protection Plan (NIPP)* to provide a coordinated approach and so that funding and resources are applied most effectively.

Summary of benefits:

For background on the specifics related to these deliverables, their benefits are discussed below with references to their origins. This is provided so that prospective consulting firms can review previous efforts and understand the work done so that they have the background needed in this effort

• Establishing Military Overlay Districts will protect the military mission and help the community's quality of life. *(Supports NCBC 2017 JLUS Land Use Plan Recommendations-Table 7.5.1 Pg.156)*

• Establishing UAS flight patterns will provide for future use and compatible growth of drones in the Region. *(Supports NCBC 2017 JLUS Unmanned Vehicle Systems Recommendations-Table 7.1.6 Pg.139)*

• Military Compatibility Element will result in a toolkit for future Comprehensive Plan updates for communities. *(Supports NCBC 2017 JLUS-Land Use Plan Recommendations-Tables Pgs.140, 141,147,156)*

• Regional Housing Assessment will identify any deficiencies and recommend improvements both for the military and the communities to help local development.

(Supports -JLUS Implementation- housing issue identified during JLUS Forum- follow up JLUS NCBC, HCPH)

• Partnership Forum will help ensure guidance and communication among community leaders and the military for the notification and coordination of services. *(Supports NCBC 2017 JLUS Coordination Recommendation Table 7.4.2. Pg. 154)*

• Climate Resiliency Assessment will be developed, and an Installation Energy Plan will be completed so that KAFB is compliant with the DOD Installation Master Plan component, and the Region is better prepared for disasters in an all-hazards manner. *(Supports KAFB 2017 JLUS Climate Consideration Strategy CC2 and 2A Pg.68)*

Cost Breakdown for Consultants

The grant award of $311,913.00 was matched with $34,514.00 of cash and inkind resources. There is approximately $251,174.00 budgeted for consultant contract services.

Section III

Instructions and Information

A. <u>Submission Requirements:</u>

1. The Proposal must be submitted in a sealed package and received per the Request for Proposals instructions. All submittals shall be marked:

   "Consulting Services for Compatible Use and Military Installation Resiliency"
   Sponsored by: The Gulf Regional Planning Commission
   ATTN: Mr. Jeff Loftus, GRPC Project Manager

2. The letter should indicate if the company is submitting as the sole contractor or as the prime to one or more subcontractors. The offeror shall agree to all terms and conditions.

3. The letter should indicate the following company information:

   Company Name:
   Contact Person:
   Address:
   City/State/Zip:
   Phone Number:
   Email:
   Web Site:
   Submitted By:
   Title:
   Date:

4. <u>Technical Proposal:</u>
   A. <u>Project Understanding</u>: A one-page description that states if the contractor is applying for one or more of the tasks, and how the contractor anticipates managing resources to achieve success within the budget and timeframe.

   B. <u>Proposed Study Approach and Scope of Work</u>: The Proposal must include a detailed summary of the approach used to carry out this work. The Proposal should follow the narrative and scope of services outlined but provide additional detail on the process to be used to develop the requested deliverables. No more than twenty (20) pages, single-sided, may be devoted to this section only.

   C. <u>Cost Proposal</u>: The Proposal must indicate the specific and total costs associated with this effort, using the form provided.
      1. Funding allocated by task with staff assigned and percent of the time to the task
      2. Detailed cost breakdown

D. Qualifications and Experience: Forms are provided to record the information. This information will serve as references, and the persons listed may be contacted to confirm the work was completed as described and if it was to their satisfaction. If subcontractors are used, the same forms must be completed to qualify for the job as proposed. The forms include:

Form 1 – Project Management Completed. Consultants submitting proposals shall include a list of projects completed in the past five (5) years. This shall include the date, nature of work provided, location of the Project, name of project sponsor's project leader with whom the firm worked, estimated project time, and actual time to complete the Project.

Form 2– Land-Use Policies, Military Installation Resilience, and Housing Assessments Development. Consultants submitting qualifications shall include a list of communities and a description of the projects for which it has conducted studies related to the deliverables previously mentioned for the Scope of Work in this RFP. This shall include the date, nature of work provided, location of the Project, name, and contact information of the sponsor's project leader.

Form 3- Qualifications of Project Leaders**. The Consultant must identify personnel that has specific areas of expertise and will be assigned to work on this Project if work is to be performed by a sub-consultant that must be clearly explained.** Specifically, the Consultant's Project Team Leader shall be identified. Resumes may be attached but are limited to no more than one (1) page per person. Do not list individuals who will not be on the final contract document, or assigned to this Project. Consultants shall answer a set of questions on the capacity of the firm to perform this work. Provide an executive summary giving a brief description of the qualities associated with the firm including experience that would qualify the firm to be selected to participate in the Project. Include additional information about the organization, its qualifications, and the experience and qualifications of the personnel designated to work on this Project.

5. GRPC respectfully requests that the proponents who plan to utilize the services of sub-consultants, make concerted efforts to engage local contractors, preferably contractors located within the three-county region to be served by this Project. Proposed sub-consultants must be identified fully with task assignments set out in detail. Sub-consultants will be bound by all of the terms and conditions applicable to the Consultant on this Project. The Consultant, however, shall remain fully responsible for the quality of work by sub-consultants utilized for this Project. Consultants are also encouraged to use local vendors for supplies, equipment, and materials needed to complete the Project tasks.

6. Proposal Format: There shall be **eight (8) complete sets of all required information submitted in printed hard copy along with one (1) pdf electronic copy on CD.**

   Applications should be submitted in a standard format on white, 8.5" x 11" paper. If considered necessary for graphic presentation and readability, an 11" x 17" fold-out format may be utilized for maps when applicable. A standard font such as Arial or Times New Roman must be utilized. The font size must be no smaller than 11 point. The margins must be at least one inch on all sides. Number all application pages, including required

forms, sequentially. Supporting materials, including resumes, must follow the same guidelines.

B. Submittal Conditions:

1. Compliance with the RFP: The GRPC will review each submittal for compliance with the requirements and conditions described in this Request for Proposals. Failure to provide the requested information will result in an evaluation of "*non-responsive," and* the Proposal will not be considered for selection.
2. Right of Rejection and Clarification: The GRPC reserves the right to reject any and all submittals or to request clarification of information from any consultant.
3. Request for Additional Information: Before the final selection, consultants may be required to submit additional information, which the GRPC may deem necessary to evaluate the Consultant's qualifications further.
4. Denial of Reimbursement: The GRPC will not reimburse consultants for any costs associated with the preparation and submittal of any statement of qualification, or for any travel or per diem costs that are incurred.
5. Gratuity Prohibition: Consultants shall not offer any gratuities, favors, or anything of monetary value to any official, employee, or agent of GRPC to influence consideration of his submittal.
6. Evaluation Criteria: All proposals will be reviewed to select the best possible Consultant by the appointed Consultant Selection Committee.
7. Rights to Submitted Material: All submittals, responses, inquiries, or correspondence relating to or about this RFP, and all reports, charts, and other documentation submitted by the Consultant shall become the property of the GRPC when received.
8. Merits of the Proposals: The GRPC will make the final selection of the Consultant based on the evaluations and rankings by the selection committee. The GRPC reserves the right to contact references in the submittal and to conduct its investigation into the capability of the submitter before authorizing execution of a contract.
9. Other Certifications: Applications must include a statement that addresses the applicant's compliance with the procurement standards in CFR 32 Part 33, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments, Subpart A, General, Section 33.36 Procurement.

C. Questions:

1. Questions related to this RFP must be submitted no later than **5:00 pm (CST), October 15, 2020.**
2. Questions should be in writing via email to Jeff Loftus, GRPC Project Manager, email: jol@grpc.com

Section IV

Selection Process

A. Evaluation Process:
All RFP's received will be graded by the Consultant Selection Committee.

B. Evaluation Criteria:

Quality of Proposals • Comprehension of project needs • Sufficient detail to evaluate • All required tasks addressed
Work Plan/Budget Compliance Thorough methodology provided • Percent of work proposed is in balance with task requirement • Project schedule acceptable • Project Cost
Experience relevant to project goals and objectives: land-use policy and regulations, land use encroachment/conflict resolution, multi-faceted planning, and implementation, and housing, energy resilience, and military installations. • Relevant experience of the firm related to **each deliverable.** • Relevant experience/qualifications of assigned personnel • Relevant experience of sub-contractors
The capacity of Team/Members • Applied technical skills suitable to the task • Number of Assigned personnel by job • Personnel expertise committed for project duration sufficient
References

C. Presentations:
After the review and scoring of consultant submittals by the Consultant Selection Committee, **if the Committee deems it necessary and desirable**, qualified Consultants may be invited to make presentations in-person.

D. Selection Process
The recommendation of the Consultant Selection Committee will be presented to the GRPC for final selection to authorize the negotiation of the contract for services.

COST PROPOSAL FORM

Summary of Costs

Consultant Breakdown by Task	Time Frame	Estimated Contractor $
1. PROGRAM COORDINATION AND ORGANIZATIONAL FRAMEWORK		
Identify Project Coordinator		
Identify Stakholders, Create Policy Committee and Technical Working Group		
Develop RFQ and Select Consultant, MOA with stakeholders		
Initial meeting of stakeholders, with selected consulting firm(s)		
Develop Detailed Work Plan and timeline for specific activities		
Regional Coordination and collaboration, Workshops		
2. ENERGY RESILIENCY AND SECURITY ACTION PLAN		
2A) Risk Assessment -Identify and Map Military Installation Resilience Risks		
Access storm and environmental data and models		
Identify Vulnerabilities and map using GIS data (ArcGIS)		
Perform interviews with stakeholders and key installation personnel to identify risks to operations		
Develop database of vulnerabilities and associated risks to operations		
Develop GIS models to visuably depict vulnerabilities		
Collect and Analyze Capital Improvement Plans		
2B) Resiliency Assessment -Assessment of Energy Resilient Sources		
Assess impacts of natural threats, including flooding, SLR, extreme weather, etc.		
Assess impacts of manmade threats, to include energy security, water security, and transportation, etc., especially because the reliance on these resources is located outside the installation and may impair continuity of operations		
2C) Vulnerability Assessment -Understand impacts and consequences of identified vulnerabilities		
Identify short, medium, and long-term impacts and consequences of risk to operations		
Evaluate and prioritize vulnerabilities and consequences for risks to operations		
2D) Assessment of Mutual Needs and Benefits, Community and Installation		
Indentify emergency response capabilities and responsibilities, All hazards approach		
Identify near-term and long-term facility and capital improvement plans and requirements, including transportation system		
Review Sustainability efforts of GRPC with environemntal stewardship responsibilities		
Identify existing leadership authorities, responsibilities, and capabilities for tasks		
2E) Recommendations for Energy Resilient Project Implementation		
Develop and implement an action plan with strategic and tactical courses of action, to prepare for and prevent threats to installation resilience		
Develop business case including benefits and limitations, SWOT analysis of recommendations, and assessment of courses of action		
3. COMPATIBLE USE PLAN		
3A) DEVELOP MILITARY OVERLAY DISTRICT, COMPREHENSIVE PLAN, AND PARTNERSHIP FORUM		
Conduct requirements analysis		
Develop mapping for overlay district and comprehensive plan		
Draft Overlay District with requirements and draft comprehensive plan		
Finalize and adopt Overlay District, formalize partnership requirements and format		
3B) UNMANNED AERIAL VEHICLES (UAVs)		
Conduct requirements analysis on current practice and future needs		
GIS mapping of flight patterns and land use		
Tool kit for UAV use		
3C) REGIONAL HOUSING		
Conduct requirements analysis on current and future needs		
Identify strategies for surge requirements - military build up		
Identify strategies for long-term needs - military families off base		
Final study and recommendations		
4. IMPLEMENTATION OF RECOMMENDATIONS		
Identify implementation opportunities		
Finalize projects and develop implementation plan forward, conduct partnership forum		
TOTALS=		**$0.00**

Cost Breakdown

Personnel:			
Name/Role in Project	**Number of Hours x Rate**	**$**	
	Subtotal		$0.00
Fringe:		**$**	
Overhead:		**$**	
	Subtotal		$0.00
	Total Personnel		**$0.00**
Direct:			
Travel		**$**	
Supplies		**$**	
Miscellaneous		**$**	
Subcontractors:		**$**	
	Total Direct	**$**	
Profit/Fee:		**$**	
	Total Project Cost	**$**	

FORM 1

SPECIFIC PROJECTS COMPLETED- Project Management

Consultant Name: _____
Project Manager: _____
Project Name: _____
Owner Name: _____
Owner Address: _____
Owner's Representative: _____
Telephone Number: _____
Type of Work: _____
_____
_____
Date Completed: _____ Time to Complete: _____
Estimated Cost: _____ Actual Cost: _____
Subcontractor Used: _____
Subcontractor Address: _____
Type of Work Performed: _____
Subcontractor Contact: _____
Subcontractor Telephone: _____
THIS FORM MAY BE REPRODUCED AS NECESSARY TO PROVIDE ALL INFORMATION REQUESTED

FORM II

Land Use, Housing, Installation Resilience, UAS, Forums Projects Completed

Consultant Name: _____
Project Manager: _____
Project Name: _____
Owner Name: _____
Owner Address: _____
Owner's Representative: _____
Telephone Number: _____
Type of Work: _____
_____
_____
Date Completed: _____ Time to Complete: _____
Estimated Cost: _____ Actual Cost: _____
Subcontractor Used: _____
Subcontractor Address: _____
Type of Work Performed: _____
Subcontractor Contact: _____
Subcontractor Telephone: _____
THIS FORM MAY BE REPRODUCED AS NECESSARY TO PROVIDE ALL INFORMATION REQUESTED

FORM III

CONSULTANTS STATEMENT OF QUALIFICATIONS

Firm Name: _____

Full Address: _____

Professional Organizations to which you have a current membership:

National: _____

State: _____

Local: _____

Education and experience of the top three people who will be assigned to the proposed project team. Include education, professional organizations, experience, and relevant qualifications. Limit Resumes to no more than one (1) page per person.

Project Team Leader: _____

Degrees obtained and granting institution and experience from other firms (list years):

Second person: _____

Degrees obtained and granting institution and experience from other firms (list years):

Third person: _____

Degrees obtained and granting institution and experience from other firms (list years):

What member of your firm would be responsible for the project lead and coordinating the work with project representatives?

_____

How long has your firm been engaged in providing consulting services?

_____

Would your firm's services be immediately available?

_____

Would you plan to give uninterrupted and continuous services until the Scope of Work is complete?

_____

What other Projects is the proposed project team currently engaged in or scheduled to be involved in during the project period?

_____

_____

Number of personnel in your organization: _____

Number of personnel with specific qualifications proposed to work on this Project: _____

What areas does your firm specialize in (i.e., land use, public safety, economic, etc.)?

_____

_____

On a separate page entitled EXHIBIT B, describe any case in which the firm entered into ***litigation*** with an owner or contractor. Please indicate the claim(s), the reason for, and the results of the lawsuit. Limit response to no more than one page per case.

REQUEST FOR PROPOSALS
The Commission will receive proposals at
The Gulf Regional Planning Commission
1635 Popps Ferry Road, Suite G
Biloxi, MS 39532- 2312
Until
5:00 pm (CST), Tuesday, October 20, 2020
For
CONSULTING SERVICES
FOR
IMPLEMENTATION OF THE GRPC DOD OEA GRANT FOR COMPATIBLE USE AND MILITARY INSTALLATION RESILIENCE

The RFP is open for public inspection at the above address. Copies of the RFP may be obtained by requesting them by email jol@grpc.com or downloaded from the Commission's website www.grpc.com.

NOTE: PROPOSALS RECEIVED AFTER
DUE DATE AND TIME
WILL NOT BE OPENED OR CONSIDERED FOR AWARD