

CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number: _____

Meeting Type: Regular

Meeting Date: Aug 27, 2015

Action Requested By: Planning

Agenda Type: Resolution

Subject Matter:

Resolution authorizing the Mayor to submit application for grant funding

Exact Wording for the Agenda:

Resolution authorizing the Mayor to submit an application to the Department of Defense Office of Economic Adjustment for grant funding for the Redstone Arsenal Joint Land Use Study

Note: If amendment, Please state title and number of the original

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what council action will provide, allow and accomplish and; any other information that might be helpful.

If awarded, these grant funds will be utilized by the City of Huntsville to address compatible land uses between Redstone Arsenal and the six surrounding jurisdictions. The Planning Department will serve as the study sponsor and primary administer of the grant.

Associated Cost: _____

Budgeted Item: _____

MAYOR RECOMMENDS OR CONCURS: _____

Department Head: Miracosta Jordan

Date: 8/18/15

Resolution No. 15-_____

WHEREAS, the Office of Economic Adjustment (OEA) assists communities impacted by the Department of Defense; and,

WHEREAS, the OEA assists communities with technical and financial assistance to plan and develop local adjustment studies;

BE IT RESOLVED by the City Council of the City of Huntsville, that the Mayor of the City of Huntsville be authorized, requested and directed to submit the attached application for federal assistance denominated as the "**Redstone Arsenal Joint Land Use Study**" to the Office of Economic Adjustment, and to act in connection with the submission and to provide such additional information as may be required on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said document is substantially in words and figures similar to that certain document attached hereto and identified as "Redstone Arsenal Joint Land Use Study" consisting of a total of twenty-five(25) pages, and the date August 27, 2015 appearing on the margin of the first page, together with the signature of the President or President Pro tem of the City Council, an executed copy of said document being permanently kept on file in the Office of the City Clerk-Treasurer of the City of Huntsville, Alabama.

ADOPTED this the 27th day of August, 2015.

President of the City Council of
the City of Huntsville, Alabama

APPROVED this the 27th day of August, 2015.

Mayor of the City of Huntsville,
Alabama

City of Huntsville
on behalf of the Redstone Arsenal JLUS Policy Committee,
Application for
Redstone Arsenal Joint Land Use Study
Grant Assistance
from the Department of Defense Office of Economic Adjustment

1 July, 2015

PURPOSE OF GRANT APPLICATION

Redstone Arsenal is a critical federal installation. Due to numerous senior-level Army, Department of Defense, National Aeronautics and Space Administration and Department of Justice agencies, activities, and commands calling Redstone home, it has far reaching impacts to the nation. Historically it has been a research, development, testing and evaluation installation. In order to preserve the military and emergency missions of Redstone Arsenal, and to protect the public in the surrounding communities, the City of Huntsville is requesting grant assistance from the Department of Economic Adjustment to sponsor a Joint Land Use Study to assess compatibility in the regional area.

Economic Impact:

Approximately 37,000 employees work on Redstone every day. That includes approximately 1,000 active duty military; 20,000 government civilians and 16,000 contract employees. Redstone is responsible for over 104 thousand jobs, 37K direct on RSA and another 66K indirect or induced around the Tennessee Valley.

Organizations:

Department of Army:

- Headquarters Army Materiel Command (AMC)
- Aviation and Missile Command (AMCOM)
- U.S. Army Security Assistance Command (USASAC)
- Army Contracting Command (ACC)
- Expeditionary Contracting Command (ECC)
- Aviation and Missile Research, Development and Engineering Center (AMRDEC)
- Logistics Support Activity
- U.S. Army Space and Missile Defense Command/Army Strategic Command (SMDC/ARSTRAT)
- Program Executive Office (PEO) Aviation
- PEO Missiles & Space
- Redstone Test Center (RTC)
- U.S. Army Garrison (USAG)-Redstone Arsenal
- 2nd Recruiting Brigade
- Fox Army Health Center (FAHC)

Department of Defense:

- Missile Defense Agency (MDA)
- Defense Logistics Agency (DLA)
- Defense Intelligence Agency's Missile and Space Intelligence Center (DIA/MSIC)

National Aeronautics and Space Administration:

- Marshall Space Flight Center (MSFC)

PRESIDENT OR PRESIDENT
PRO TEM OF THE CITY COUNCIL
OF HUNTSVILLE, ALABAMA

DATE

Department of Justice:

- Bureau of Alcohol, Tobacco, Firearms and Explosives'
- National Center for Explosives Training and Research (ATF-NCETR)
- Federal Bureau of Investigation's Hazardous Devices School (FBI-HDS)
- Terrorist Explosive Devices Analytical Center: The Terrorist Explosive Devices Analytical Center (TEDAC)

Missions:

While the distinctive mission sets executed on Redstone Arsenal are complex and as varied as the organizational makeup, there are tremendous synergies realized across these functional boundaries. Generally, organizations on Redstone support five key operations:



1. Logistics services including materiel management, acquisition, contracting, and full life-cycle sustainment.
2. Space operations and missile defense to support the nation's exploration and defense capabilities.
3. Intelligence and homeland defense conducting threat analysis and explosives training and research.
4. Research, development, test and evaluation to continue the innovative application of sciences and technologies into systems and equipment.
5. Sustainment of Redstone Arsenal activities to ensure the installation and its workforce are properly cared for and resourced.

Location:

Redstone Arsenal is located in north central Alabama within the Tennessee Valley region. This region is comprised of communities generally located along the Tennessee River Valley in both north Alabama and southern Tennessee. The majority of those that work on Redstone live in the identified 11 north Alabama and 5 southern Tennessee counties. Redstone is located in Madison County. Redstone lies adjacent to the regional population centers of the cities of Huntsville and Madison.

Three Alabama counties (Madison, Morgan, Marshall), two cities (Huntsville, Madison), and one town (Triana) are located in close proximity to the installation and have the potential to impact or be impacted by the installation. All have shown interest in participating in a Joint Land Use Study at Redstone. Madison County has committed to acting as the sponsor of this study if approved by OEA.

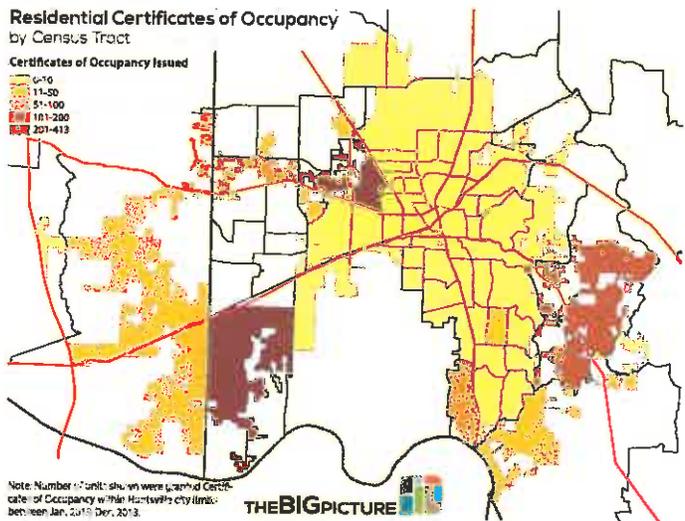
Local Community Boundaries:



SUMMARY OF NEED

Redstone has had significant growth over the past 10 years. OEA has funded multiple actions that allowed the region to grow in a planned and smart way to specifically accommodate the most recent BRAC 2005 growth. It allowed the community to better facilitate growth within their boundaries. It has led to a significant increase in school performance and as a second order effect, resulted in the community working with the State of Alabama and developing legislation that made funds available to renovate or replace the majority of schools in the area around Redstone Arsenal.

Today Redstone is developing an updated Real Property Master Plan (RPMP) to ensure the installation missions are supported now and in the future. As part of that RPMP effort, existing constraints were reviewed. In addition, the local growth was looked at to determine if greater constraints could be expected. The growth has increased in the region and also within close proximity to the installation. See figure below with 2013 certificate of occupancies issued within the city of Huntsville adjacent to the installation showing the areas of additional encroachment.

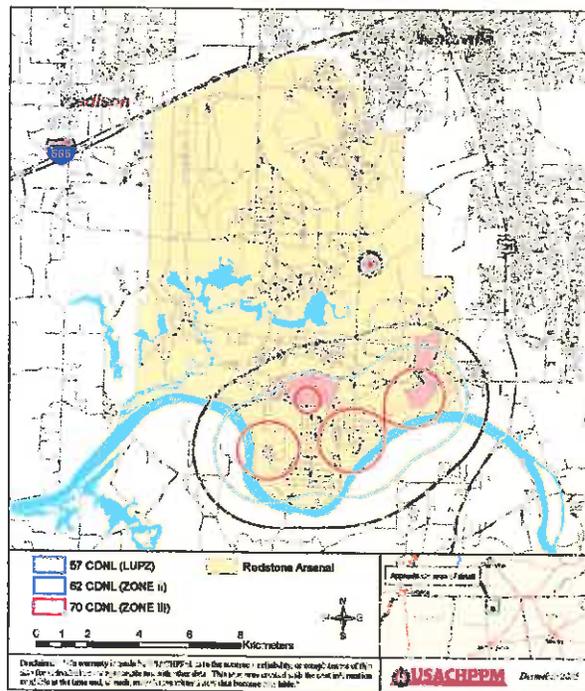


There are multiple areas of concern that could affect current and future operations on the installation. Unlike today, the local community will have all the known constraints impacting current and future operations on the installation. By developing and refining this constraints list in a collaborative way the local community and the installation will better protect each other's interests. The local community will be able to manage through its current zoning and development mechanisms to ensure that new activities outside of the installation boundary do not significantly impact the operations inside the fence in a negative way. With this information we would expect the local community to plan for additional capacity in the identified critical

areas so as to protect the capacity for further growth on the installation. Based on our initial review, multiple aspects were identified that need to be further reviewed, refined, validated and potentially mitigated in a collaborative effort with the local community since many have solutions outside of direct Army control

1) Noise Management

Significant noise contours from explosive operations on the southern portion of the installation extend beyond the Army property boundary. These are more impactful as the residential growth on the southeast and southwest portions, both within Madison County, of the installation expands immediately outside of the perimeter fence. Additionally, the land immediately south of the installation, bordered by the Tennessee River also has contours extending beyond the boundary. This property is within Marshall and Morgan counties. Unlike the land within Madison County, north of the river, this land has not been developed. It remains in a farming state. So it is possible to restrict development of this land to use types that complement current and future installation operations.



There are other operations that generate noise on the installation, particularly aircraft flights. This is readily apparent near the airfield and also within test ranges along the south western boundary of the Arsenal, especially at night. Although these have historically been identified as areas of concern, they have not been high in risk because only recently (last 10 years) has significant density of population encroached in the south west of the installation. Finding ways to ensure Army testing requirements are met while minimizing impacts to the adjacent community will take a joint effort with the local community.

2) Airfield APZ Management

Operations at the Redstone Airfield have increased significantly in recent years. This growth is expected to continue into the future. APZs from the airfield extend beyond the installation boundary. These APZ areas encompass existing facilities and developable land. There are no current community restrictions preventing historical or future incompatible growth (bldg heights, facility types, lighting, or glare items) within these APZs. Current operations at or near the airfield include night vision flights where even if the zoning is correct the building codes allow use of lights that impair the current operations. The Installation Master Plan includes extension of the base runway to accommodate increasing airfield operations. When the extension is funded, the APZs will further expand off the installation. The left figure below identifies the current runway configuration and resultant APZs extending beyond the installation boundary. The right figure identifies the planned runway expansion and the revised APZs. Currently there is no joint planning to ensure the Army APZ requirements are met with the development off Redstone Arsenal.



3) Frequency Interference/Management

As the outside community becomes more dependent on technology, the amount of outside radiation being projected onto Redstone Arsenal is expected to increase. This increase in radio noise, although not critical in many instances, seems to be a growing interference problem on the installation to the testing and evaluation telemetry and communications (both facility management and emergency). An example of this is when Verizon increased their power to 4G on the single tower on the installation, it overcame the communications between the managers and the electrical substations routing power across the installation. This loss in contact, if it had occurred during a power failure would have not allowed the power to be rerouted, essentially negating the resiliency of the electrical system in supporting the organizations on Redstone.

4) Air Space Use/Management

Airspace above the installation is managed by multiple organizations based on restrictions and elevations. Current operational airspace restrictions are being developed locally based on new operations. These revisions need to be incorporated into the regional air space management. Based on current operations the Army can and does impact the regional use of the airspace above the installation and vice versa. Due to the relatively close proximity there are multiple interactions between the Redstone and Huntsville/Madison County Airport west of the installation. We believe that this JLUS could open the door for joint operations relative to airspace and zoning to better manage the regional airspace.

INTENT OF REDSTONE ARSENAL JLUS STUDY

The City of Huntsville, on behalf of the Redstone Arsenal JLUS Policy Committee, is seeking a JLUS Grant from the Office of Economic Adjustment to address compatible land uses between Redstone Arsenal and the six surrounding jurisdictions. This would be accomplished by hiring a contractor to develop specific recommendations from the JLUS for each jurisdiction to implement through their respective public process. Below are the implementation plan goals, objectives, expectations and organizational structure of the implementation effort.

JLUS Grant Goal and Objectives

1. Develop key JLUS strategies into readily-implementable policies and ordinances for each jurisdiction to accept and adopt through their public process, respectively.

JLUS Grant Objectives and Expectations

1. Provide surrounding communities with the specific narrative text for new JLUS strategies (policies and regulatory tools) that will ultimately be adopted:
2. Develop formalized coordination and communication protocols for JLUS stakeholders (jurisdictions, agencies, and Redstone Arsenal to ensure regional planning is coordinated among all impacted stakeholders including military.

Organization Overseeing the JLUS Implementation Grant

The City of Huntsville's Planning Department will serve as the study sponsor and primary administrator of the Redstone Arsenal JLUS grant.

The proposed roles and responsibilities for each entity involved in the implementation of the JLUS include:

JLUS Policy Committee:

The JLUS Policy Committee, represents executive officials / representatives from participating jurisdictions and Redstone Arsenal leadership. The members of the Policy Committee will be responsible for the overall direction of the JLUS; approval of draft and final deliverables; and guiding the approval of the developed policy and regulatory tools to be implemented by their respective jurisdictions.

Technical Review:

This working group will consist of area planners, technical and professional staff, military planners and others if determined necessary throughout the JLUS process. Members will be responsible for assisting in data collection, identifying and studying technical issues and assisting in the development of recommendations.

A private consulting firm will be hired to develop the technical tools required to develop the Redstone Arsenal JLUS. Based on Policy Committee and community and public input, the consultant will create and / or modify policy and regulatory tools including maps and diagrams for each jurisdiction to enable user-friendly, planning tools to be implemented by each jurisdiction in a timely manner. The tools will be subject to each jurisdiction's public process for review and adoption.

OEA Application Spreadsheet				Budget
Footnote	Category	Federal Share	Non-Federal Share	Total
Project Title: Redstone Arsenal Joint Land Use Study				
Grant Period: July 1, 2015 - January 31, 2017				
	Personnel			
	Employee 1 Planning Director - \$123,884.80 X 18.80%	\$0.00	\$23,290.34	\$23,290.34
	Employee 2 GIS Manager - \$90,979.20 X 12.60%	\$0.00	\$11,463.38	\$11,463.38
	Employee 3 Planner III - \$59,259.20 X 12.60%	\$0.00	\$7,466.66	\$7,466.66
	Subtotal	\$0.00	\$42,220.38	\$42,220.38
	Fringe Benefits			
1	Employee 1 Planning Director - \$35,875.53 X 18.80%	\$0.00	\$6,744.60	\$6,744.60
1	Employee 2 GIS Manager - \$28,619.84 X 12.60%	\$0.00	\$3,606.10	\$3,606.10
1	Employee 3 Planner III - \$21,625.56 X 12.60%	\$0.00	\$2,724.82	\$2,724.82
	Subtotal	\$0.00	\$13,075.52	\$13,075.52
	Total Salaries + Fringe Benefits	\$0.00	\$55,295.90	\$55,295.90
	Travel			
	Local - # miles at .#	\$0.00	\$0.00	\$0.00
	Local - # day per diem @.\$#	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00
	(Location) # persons @ .#\$ for airfare, totalling # days of per diem @ .#\$, # days airport parking at \$# per day	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00
	Equipment			

	Item 1 rental at \$# per mo. (ex. Copier)	\$0.00	\$0.00	\$0.00	\$0.00
	Item 2 purchase \$#	\$0.00	\$0.00	\$0.00	\$0.00
	Item 3 # at \$# each (ex. Laptops)	\$0.00	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00	\$0.00
	Supplies				
	Item 1 # @ \$# (ex. Copy Paper)	\$0.00	\$0.00	\$0.00	\$0.00
	Item 2 # @ \$#	\$0.00	\$0.00	\$0.00	\$0.00
	Item 3 # @ \$#	\$0.00	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00	\$0.00
	Contractual				
2	(Name) Study (ex. Market)	\$450,000.00	\$0.00	\$0.00	\$450,000.00
	(Name) Plan (ex. Business and Operations)	\$0.00	\$0.00	\$0.00	\$0.00
	(Name) rate X time (ex. Legal)	\$0.00	\$0.00	\$0.00	\$0.00
	(Name) (ex. Audit)	\$0.00	\$0.00	\$0.00	\$0.00
	Subtotal	\$450,000.00	\$0.00	\$0.00	\$450,000.00
	Other				
	(Type of Service) rate X time (ex. Printing)	\$0.00	\$0.00	\$0.00	\$0.00
	(Type of Service) rate X time (ex. Rent)	\$0.00	\$0.00	\$0.00	\$0.00
	Subtotal	\$0.00	\$0.00	\$0.00	\$0.00
	Total Direct Costs	\$450,000.00	\$0.00	\$0.00	\$450,000.00
	Total Indirect Costs				
	% X base - for the period of (date - date)				
	% X base - for the period of (date - date)				
	Subtotal	\$0.00	\$0.00	\$0.00	\$0.00
	Grand Total	\$450,000.00	\$55,295.90	\$505,295.90	
	Percent	89.06%	10.94%	100.00%	

Scope of Work

Joint Land Use Study
For
Redstone Arsenal
Huntsville, Alabama

The City of Huntsville, Alabama, is seeking proposals from qualified firms to prepare a Joint Land Use Study (JLUS) for Redstone Arsenal (RSA) and the surrounding communities. The Department of Defense Office of Economic Adjustment (OEA) provides grants to State and local governments to conduct a JLUS to support the long-term sustainability and operability of the military installation complex. Interested firms must demonstrate knowledge and experience in community planning, development and land use issues, fiscal impact analysis, economic development, and military installation management and operations.

Purpose of Study

- A Joint Land Use Study (JLUS) is a community-driven, cooperative, strategic planning process among Redstone Arsenal; the surrounding local jurisdictions (the City of Huntsville, the City of Madison, the Town of Triana, Madison County, Marshall County, Morgan County); and the State of Alabama, to
 - 1) Promote community development that is compatible with the military training, testing, and operational missions; and
 - 2) Seek ways to reduce operational impacts on adjacent lands.
- The goal of the JLUS is to encourage local governments, together with the State, to work closely with the military installation to implement measures that prevent the introduction of incompatible civilian development that may impair the continued operational utility of the military installation, and to preserve and protect the public health, safety, and welfare of those living near an active military installation, and associated ranges, Military Training Routes, Special Use Airspace, Military Operating Areas, and adjacent waterways.
- The JLUS planning process is intended to increase public awareness of the military missions and contribution to the regional economy.
- The JLUS planning process is intended to protect and preserve military readiness and defense capabilities while supporting continued community economic development.

- The JLUS planning process, including data collection and analysis, shall consider, but not be limited to, the following military mission compatible use factors, as applicable:
 - Airspace and land restrictions
 - Operational noise
 - Urban growth
 - Spectrum encroachment
 - Endangered species and critical habitat
 - Air
 - Water
 - Cultural resources
 - Unexploded ordnance and munitions
 - Marine resources
 - Energy compatibility and availability
 - Security
 - Transportation
 - Natural factors
 - Alternative Energy Development

- The JLUS planning process shall include an Implementation Plan, with monitoring, to ensure the recommendations advanced in the JLUS are realized. The effort to carry out recommendations shall include a list of specific public and private actions for each study participant organized by their scheduled execution date:
 - Short Term (1-3 years)
 - Medium-Term (4-10 years)
 - Long-Term (11-20 years)

Each listed action should assign responsibility for the task and include an estimate of cost and source of funding. These recommended actions should include smart land use planning principles and practices that can achieve a balance between potentially conflicting interests.

- The JLUS planning process shall support improved communication and establish formal policies and procedures for military participation and cross-jurisdictional coordination in community development review and planning processes, including proposed alternative energy development projects.

- JLUS project deliverable shall include a four-page (maximum) Project Overview for public distribution and posting on websites. Project Overview shall include description of military operations, graphic display of study area and military operations footprint, identify community organization structure and participants for both planning and implementation, summary of compatible use issues, and primary JLUS recommendation highlights

Background

Redstone Arsenal is located in north central Alabama within the Tennessee Valley region. This region is comprised of communities generally located along the Tennessee River Valley in both north Alabama and southern Tennessee. The majority of those that work on Redstone live in the identified 11 north Alabama and 5 southern Tennessee counties. Redstone is located in Madison County. Redstone lies adjacent to the regional population centers of the cities of Huntsville and Madison.

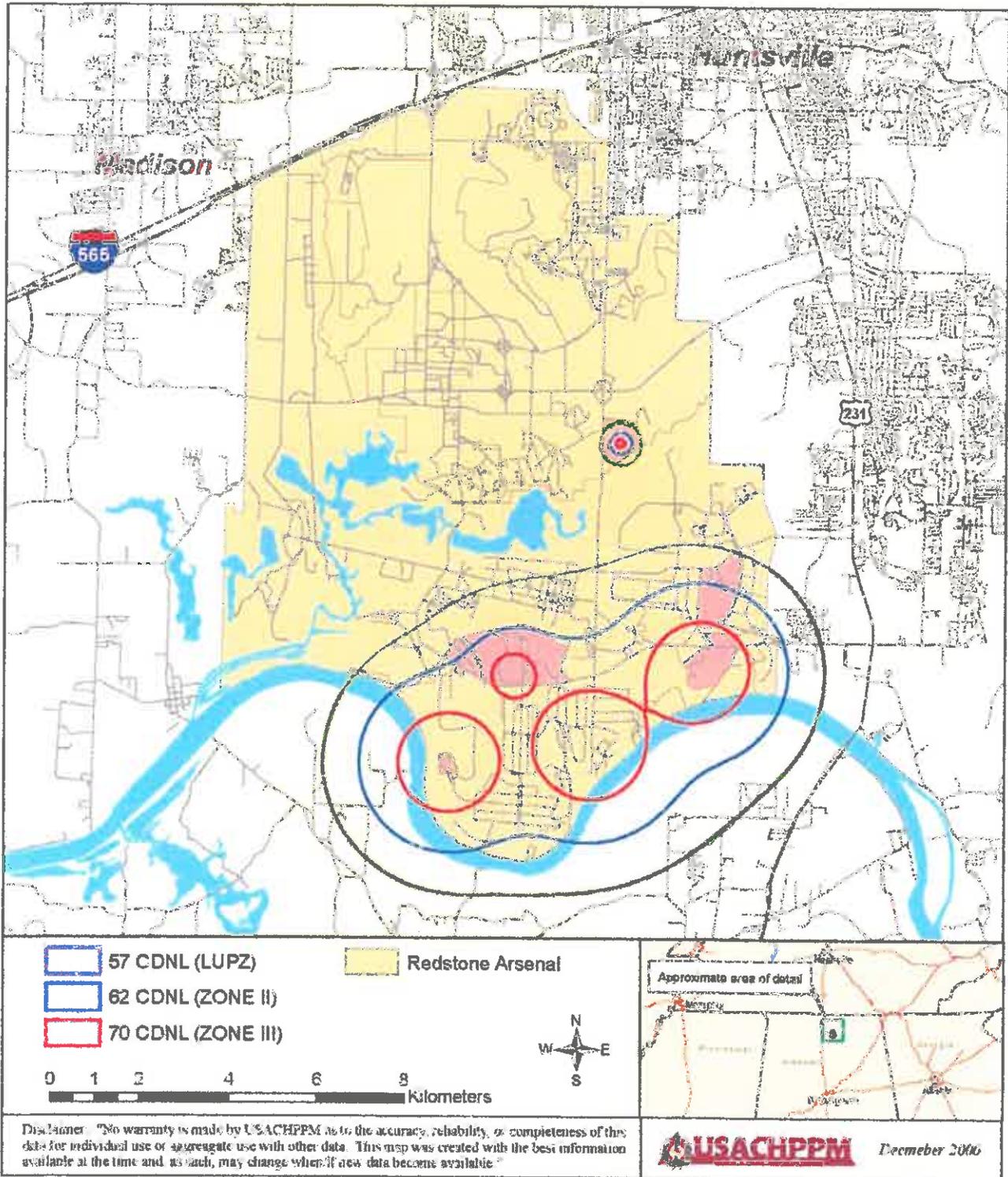
Three Alabama counties (Madison, Morgan, Marshall), two cities (Huntsville, Madison), and one town (Triana) are located in close proximity to the installation and have the potential to impact or be impacted by the installation. All have shown interest in participating in a Joint Land Use Study at Redstone.

RSA host more than 70 tenants across a number of mission areas. Redstone Arsenal is a critical federal installation. While the distinctive mission sets executed on Redstone Arsenal are complex and as varied as the organizational makeup, there are tremendous synergies realized across these functional boundaries. Generally, organizations on Redstone support five key operations:

1. Logistics services including materiel management, acquisition, contracting, and full life-cycle sustainment.
2. Space operations and missile defense to support the nation's exploration and defense capabilities.
3. Intelligence and homeland defense conducting threat analysis and explosives training and research.
4. Research, development, test and evaluation to continue the innovative application of sciences and technologies into systems and equipment.
5. Sustainment of Redstone Arsenal activities to ensure the installation and its workforce are properly cared for and resourced.

The scope of study for this JLUS includes ranges, ordnance testing areas/pads, protected land, wetlands and waterways, airfields and airspace, and internal installation buffer areas.

Redstone Arsenal is depicted in the following diagram:



Proposed Study Area

The proposed study area for the JLUS includes (at a minimum):

- Counties of Madison, Marshall, Morgan
- Cities of Huntsville, Madison
- Town of Triana
- Redstone Arsenal

RSA actively manages existing and likely civilian encroachment in a number of ways, including through participation in the Army's Compatible Use Buffer (ACUB) program. Potential community impacts associated with engineering, testing and training activities on RSA are routinely communicated through a number of different channels to neighboring jurisdictions. However, enhancement and refinement of these current activities through a more focused effort such as a JLUS could improve encroachment management.

Noise contours based on range and testing activities emanating from testing and training ranges extend across the Tennessee River and over parts of Marshall and Morgan County. Currently, these areas are sparsely populated; are partially in protected / conservation status; or are agricultural. However, there is concern that—should areas develop that are within and/or proximate to the current noise contours—future urban development may impair mission sustainability on RSA.

Future urban development in areas adjacent to or within line-of-sight of RSA mission areas also may pose a risk to future RSA mission sustainability.

Community Organizational Structure for JLUS Project

The City of Huntsville, Alabama is serving as the JLUS project sponsor and coordinating entity. The City of Huntsville will establish a JLUS Policy Committee. A JLUS Technical Review Group will serve as an advisory body to the JLUS Policy Committee, and will assist the consultant with data gathering and technical input and review throughout the study process.

Available Resource Documents to Support JLUS Planning Process

Local land use and comprehensive planning documents will be made available to the JLUS Consultant for the purpose of the JLUS study.

The following RSA documents will be made available to the JLUS Consultant for the purpose of the JLUS study: RSA Master Plan (January, 2014); Redstone Arsenal Regulation 200-7, Redstone Arsenal Garrison: Installation Restoration Site Access Control Program (September 2012), Integrated Cultural Resources Management Plan (December 2012), Land Management Plan (2010), Integrated Natural Resources Management Plan (September 2010), Installation Environmental Noise Management Plan (July 2008),

Installation Wide Groundwater Land-Use Control Remedial Design (May 2009), Final Environmental Assessment for BRAC, Installation Support and Associated Future Master Planning Actions at Redstone Arsenal (2006), RSA Radio Frequency Survey Report (February, 2007), Operation Noise Consultation 52-ON-04CB-06, Operational Noise Contours, Redstone Arsenal, AL (July 2006), Tennessee Valley Regional Growth Coordination Plan (December 2008)

Proposal Content

Responses to this Request for Proposal shall include a detailed Work Plan to

- Address the overall timeline and milestones necessary to complete the JLUS;
- Identify specific activities that will be accomplished each month;
- Identify staffing and number of hours devoted to each activity; and,
- Describe the work products/deliverables produced for each activity.

Responders may propose modifications to the activities and sequencing reflected below which, based on previous experience, would improve the effectiveness of the study effort while maintaining the budget and timeframe.

Scope of Services

Task 1 – Overall Project Initiation and Administration

Task includes any necessary refinements to the JLUS Work Plan and administration of the study to ensure coordination with the JLUS project sponsor and committees.

Subtask 1.1 Work Plan Refinement

The Consultant will meet with the JLUS project sponsor to review and refine, as needed, the JLUS Work Plan and make any necessary adjustments that will not impact the overall budget and scope of the project. The Consultant will present the final Work Plan before the JLUS Policy and Technical Committees for approval.

Subtask 1.2 Administration and Management

The Consultant will work with the City of Huntsville staff to provide administrative support to the JLUS Policy Committee and Technical Working Group(s) to accomplish the following activities:

- Schedule committee and public meetings
- Prepare meeting notices, agendas, minutes, handout materials, maps, presentation and any other items to accomplish the study objectives.
- Provide written monthly status reports that detail work in progress, work accomplished, and funds expended. Progress reports are due the 15th of the month

following the reporting period for City of Huntsville staff review and distribution to study participants.

- Provide written work products and verbal JLUS committee briefings at the conclusion of each major phase of the study.
- If necessary, update the Work Plan and JLUS milestone completion dates.

Subtask 1.3 Project Coordination

A single City of Huntsville staff person will coordinate all communication with Federal, state and local agencies and elected officials. All information concerning the JLUS, including progress reports, meeting agendas and materials, presentations, and draft and final reports will be provided to City of Huntsville staff prior to JLUS committee review and prior to public release. Upon the completion of the JLUS project, all maps (including GIS shape files), data, and report shall be the property of the project sponsor and provided to the City of Huntsville (as well as to RSA) in both paper and electronic formats.

Task 2 – Community Organization

Task includes Consultant support to project sponsor to organize and convene the JLUS Policy Committee.

Task 3 – Stakeholder and Public Involvement

Public participation is an integral part of the JLUS planning process to help ensure decisions are made in consideration of and to benefit public needs and preferences. Early and continuous public involvement brings diverse viewpoints and values into the decision-making process. This process enables the participants to make better informed decisions through collaborative efforts and builds mutual understanding and trust among stakeholders and the general public. Successful public participation is a continuous process, consisting of a series of activities and actions to both inform the public and stakeholders and to obtain input from them which influence decisions that affect their lives.

Conducting meaningful public participation involves seeking public input at specific and key points in the decision-making process issues where such input has a real potential to help shape the final decision or set of actions. Public participation activities provide more value when they are open, relevant, timely, and appropriate for the intended goal of the public involvement process. Public participation activities should provide a balanced approach with representation of all stakeholders and include measures to seek out and consider the needs of all stakeholders.

Subtask 3.1 Public Involvement Strategy

Consultant shall prepare a public involvement strategy that covers the key phases during the JLUS planning process. The Consultant will present the strategy before the JLUS

Policy Committee for input and final approval. The public involvement strategy will include the identification of key stakeholders, specific schedule, and methods of communication tools to provide key project planning information to the following groups:

- Elected Officials
- JLUS Project Stakeholders
- General Public
- Target Groups (such as major landowners, neighborhood associations, employers, homebuilders, real estate industry, etc.)
- Media

The public involvement strategy will include a variety of communication tools to facilitate early and continuing outreach to the above groups, such as charrettes, periodic newsletters, JLUS project website, media releases/media kits, periodic fact sheets, etc. The Consultant shall maintain a contact list, throughout the study process, to mail/e-mail project information materials to interested parties.

Subtask 3.2 Installation Tour

The Consultant, working through the project sponsor, will coordinate an installation tour, including outlying facilities as appropriate. The purpose of the installation-led tour is for the JLUS Policy Committee and JLUS Technical Working Group members gain a more comprehensive understanding of the military missions, issues, and constraints imposed through incompatible development.

Subtask 3.3 Public/Elected Officials

The Consultant will assist with relationship building and outreach to local, State and Federal public officials representing the participating jurisdictions who will ultimately be responsible for implementing the JLUS recommendations. Consultant may need to brief affected legislative bodies, state officials, economic development boards, and State and Federal elected officials about the purpose and goals of the JLUS planning process.

Subtask 3.4 Enhanced Community Participation

Redstone Arsenal military operations cover a large geographic area affecting multiple jurisdictions. Therefore, the Consultant is requested to provide a description and cost for two optional approaches to enhance community participation during the JLUS planning process. These two optional approaches are a Charrette and Community Visioning, each intended to:

- Establish broad stakeholder engagement and public involvement during the JLUS planning process;
- Compress the time required to complete the JLUS and begin development of implementation tools; and

- Develop project “buy-in” and ownership to ensure participating agencies and jurisdictions carry out the JLUS recommendations.

Subtask 3.4.2 Community Visioning

The Consultant is requested to provide a description and separate cost to undertake a community visioning process. Visioning is a planning process through which a community, or region, creates a shared vision for its future and begins to make it a reality. Such a vision provides an overlay for other community plans, policies, and decisions, as well as guide to actions. Most communities set their vision timeframe 20 to 25 years into the future. A successful community visioning initiative shares five key characteristics:

- Understand the whole community and full range of issues shaping the need and purpose for a JLUS;
- Reflect on community values;
- Address emerging trends and strategic issues driving the community’s future;
- Envision a preferred future; and
- Promote local action through a strategic action plan that serves as a community “road map”.

Subtask 3.5 Public Meetings

The Consultant will hold public meetings throughout the study to educate the public about the purpose of the JLUS, the JLUS planning process, JLUS recommendations, and to seek input from the public during key phases of the study. Public meetings will be held at the following key intervals:

Project Initiation

Consultant to hold meeting before the JLUS Policy Committee at the beginning of the study to explain the JLUS project, goals and objectives. Public comments will be sought, including any conflicts with the installation or military operations, and recommendations for analysis.

Interim Findings and Preliminary Recommendations

Consultant will present the results of data collection and analysis, information about existing and anticipated future conflicts between community development and military operations, proposed strategies to mitigate and/or eliminate identified conflicts, and other preliminary recommendations. Public comments will again be solicited with emphasis on the implementation strategies.

Final Recommendations

Prior to the JLUS Policy Committee and participating jurisdictions taking any formal actions, the Consultant will present the final JLUS report, including recommendations, and an Implementation Plan.

Consultant responsibilities related to the public meetings include:

- Schedule appropriate meeting locations, dates and times, in consultation with the study sponsor and JLUS Policy Committee.
- Public notification of meetings to affected citizens, businesses, elected officials and other interested parties.
- Prepare press releases and media kits that highlight purpose and desired outcomes of the public meetings. Coordinate with study sponsor on press release distribution.
- Arrange for any special accommodations to ensure compliance with the Americans with Disabilities Act and/or non-English speaking participants, as needed.
- Present key study findings, which may include draft reports, maps and other materials, to the public, elected officials, and other interested parties in attendance, and solicit public comments and feedback both during and after the meeting.
- Prepare agendas, handouts, presentations, maps, comment forms and other materials to effectively inform the public about the study and solicit their comments.
- Maintain a record of all public comments received (verbal and written), including a summary or meeting minutes.

Task 4 – Data Collection, Inventory and Mapping

This task includes the collection of all relevant data from the installation and participating jurisdictions and other entities or sources in order to conduct the analysis phase of the JLUS planning process.

1. Create GIS layers depicting land use plan and/or zoning designations
2. Create GIS layers with non-conforming uses
3. Create GIS layers of proposed development
4. Create GIS layers of proposed capital improvement plan/projects
5. Create GIS layers of sensitive biological and/or cultural resource areas
6. Create GIS layers of agriculture suitability factors
7. Create GIS layers of special resources areas, i.e. aquifer recharge zones, wetlands, wellhead protection zones, etc.
8. Create GIS layers of noise contours for military operations
9. Create GIS layers of military flight operations, i.e. Clear Zone, APZs
10. Create GIS layers of military blast arcs
11. Create GIS layers depicting military operation line of site corridors
12. Create GIS layers of commercial airport flight paths in study area
13. Create GIS layers of shipping lanes
14. Create GIS layers of commercial port access and shipping
15. Create GIS layers depicting both land and sea based mobility corridors and the regional transportation system
16. Compile population forecasts from participating jurisdictions
17. Compile and create GIS layers depicting projected growth trends related to population forecasts

18. Compile and review local, State and Federal regulatory framework for community development
19. Compile and review military documents to map footprint for military operations, and any other pertinent documents.
20. Identify policies and regulations that govern off-shore development, such as energy production, natural gas storage, oil drilling, or commercial fishing ventures.
21. Identify policies and regulations that govern siting of on-shore alternative energy projects, transmission lines, natural gas storage and pipelines, and oil drilling
 - Present collected data and mapping to the Technical Working Group(s) and JLUS Policy Committee.
 - Publish findings on JLUS project website

Task 5 – Survey/Interview Key Stakeholders

1. Interview participating local government staff and elected officials
2. Interview State government staff and elected officials
3. Interview Agency/Institution management
4. Interview Military Department personnel
5. Compile interview results to define opportunities and constraints
 - Present collected data to the Technical Working Group(s), JLUS Policy Committee, and public
 - Publish findings on JLUS project website

Task 6 – Conflict/Compatibility Analysis

1. Identify areas of current land use conflict, type of conflict and impact
2. Identify areas of future potential conflict, type of conflict and impact
3. Identify areas where land use is compatible, test sustainability, assess risk
4. Identify both air, land and sea mobility corridor conflicts, type of conflict and impact
5. Identify conflicts relating to potential on- and off-shore development such as energy production, natural gas storage, oil drilling or commercial fishing ventures
6. Identify any potential future areas of conflict based on land / water use changes brought about by climate change
 - Map conflict areas
 - Present data and mapping to the Technical Working Group(s), JLUS Policy Committee, and public to solicit input on resolution of conflicts and impacts
 - Publish findings on JLUS project website

Task 7 – Conflict Resolution Strategies

1. Develop resolution strategies for current conflict areas
2. Develop resolution strategies and timeline for future conflict areas

3. Develop resolution strategies to support compatible land uses
4. Identify model planning tools and techniques to guide compatible development
5. Identify model land use regulations – local, State and Federal
6. Develop a process at the local level for cities and counties to work with the State of Alabama, Redstone Arsenal, Department of Defense Siting Clearinghouse, and other Federal agencies to support compatibility between development of regional renewable energy resources and military operations, including test and training activities. The Department of Defense Siting Clearinghouse requirements and standards published in Title 32, Code of Federal Regulations, Part 211 shall advise and guide the process to facilitate the early submission of renewable energy project proposals to the Clearinghouse for military mission compatibility review.
7. Develop recommendations on transportation infrastructure resulting from future military mission needs and relate to transportation requirements for future development. Ensure these recommendations are coordinated with appropriate local and/or State transportation organizations responsible for transportation planning and funding.
 - Develop a tool box of policies, regulations, ordinances, agreements, etc. to address existing incompatibility issues and guide future compatible development to protect and preserve military readiness and defense capabilities while supporting continued community economic development.
 - City/Agency/Institution review of potential solutions
 - Present potential solutions to JLUS Policy Committee for review and comment
 - Solicit public input to potential solutions

Task 8 – Prepare Study Report

Subtask 8.1 Draft Plan

1. Compile resolution strategies
2. Develop short-, mid-, and long-term priorities
3. Develop an appropriate implementation strategy for JLUS recommendations. The strategy is anticipated to recommend actions for Federal, state, local, non-governmental agencies. The Consultant will identify appropriate responsible parties, timelines, estimated costs, and appropriate financing mechanisms to implement the recommendations.
4. Develop a monitoring plan and recommend an organizational structure and process that promotes JLUS participants to continue working together on compatibility and viability issues beyond completion of the JLUS project.
5. Develop metrics for measuring plan effectiveness
6. Coordinate closely with the JLUS Advisory Committee on (a) initial feedback on the Draft Plan, and (b) a strategy / approach for gaining public comment
7. Release Draft Plan for public presentation and comment
8. Compile responses to Draft Plan and update as required

Subtask 8.2 Final Plan

1. Present Final JLUS to JLUS Policy Committee for final approval
2. Present Final JLUS to participating local jurisdiction legislative bodies for formal adoption
3. Deliver completed JLUS document to study sponsor

The Consultant will provide 12 printed copies of the final report to Huntsville City staff for distribution to the study participants, as well as an electronic copy of the final report and GIS data files for future reproduction and distribution, as needed.

Subtask 8.3 Project Overview

JLUS project deliverable shall include a four-page maximum Project Overview to post on the OEA website. Project Overview shall include description of military operations, graphic display of study area and military operations footprint, identify community organization structure and participants for both planning and implementation, summary of compatible use issues, and primary JLUS recommendation highlights.

A disclaimer statement will appear on the title page of the Joint Land Use Study, or any other OEA-funded deliverable. It will read:

"This study was prepared under contract with the City of Huntsville, Alabama, with financial support from the Office of Economic Adjustment, Department of Defense. The content reflects the views of the City of Huntsville and does not necessarily reflect the views of the Office of Economic Adjustment."

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SF424 Application

Redstone Arsenal (JLUS)

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1. TYPE OF SUBMISSION

Type Construction Type Date
Preapplication Non-Construction

2. DATE SUBMITTED

3. DUNS

Number
112481325

4. DATE RECEIVED BY FEDERAL AGENCY

Date Federal ID

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5. APPLICANT INFORMATION

Legal Name City of Huntsville
 Organizational Unit Planning Department
 Address Line 1 P. O. Box 308
 Address Line 2
 Address Line 3
 County Madison City Huntsville State Alabama Zip Code 35804-0308

POINT OF CONTACT INFORMATION FOR THIS APPLICATION

Title Mrs. First Name Michelle Middle Name/Initial Gilliam Last Name Jordan
 Phone 256 341 5411 Fax 256 427 5121 Email michelle.jordan@huntsvilleal.gov

6. EMPLOYER IDENTIFICATION NUMBER (EIN)

6 3 6 0 0 1 2 9 6

7. TYPE OF APPLICANT

Municipal Govt.

8. TYPE OF APPLICATION

New

9. NAME OF FEDERAL AGENCY

OEA

10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE (CFDA)

Number - Title

- [12.600 - Community Investment](#)
- [12.604 - Community Economic Adjustment](#)
- [12.607 - COMMUNITY ECONOMIC ADJUSTMENT ASSISTANCE FOR ESTABLISHMENT, EXPANSION, REALIGNMENT, OR CLOSURE OF A MILITARY INSTALLATION](#)
- [12.610 - COMMUNITY ECONOMIC ADJUSTMENT PLANNING ASSISTANCE FOR JOINT LAND USE STUDIES](#)
- [12.611 - COMMUNITY ECONOMIC ADJUSTMENT PLANNING ASSISTANCE FOR REDUCTIONS IN DEFENSE INDUSTRY EMPLOYMENT](#)
- [12.614 - COMMUNITY ECONOMIC ADJUSTMENT DIVERSIFICATION PLANNING](#)
- [12.615 - Research and Technical Assistance](#)
- [12.617 - Economic Adjustment Assistance for State Governments](#)

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Redstone Arsenal (JLUS)

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SECTION A- BUDGET SUMMARY

Grant Program Function or Activity

Catalog of Federal Domestic Assistance Number	New or Revised Budget		Total
	Federal	Non-Federal	
12.610 - COMMUNITY ECONOMIC ADJUSTMENT PLANNING ASSISTANCE FOR JOINT LAND USE STUDIES	\$ 450,000	\$ 58,015	\$ 508,015



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SECTION B- BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY		Total
	Federal	Non-Federal	
a. Personnel	\$	\$ 58,015	\$ 58,015
b. Fringe Benefits	\$	\$	\$ 0
c. Travel	\$	\$	\$ 0
d. Equipment	\$	\$	\$ 0
e. Supplies	\$	\$	\$ 0
f. Contractual	\$ 450,000	\$	\$ 450,000
g. Construction	\$	\$	\$ 0
h. Other	\$	\$	\$ 0
i. Total Direct Charges	\$ 450,000	\$ 58,015	\$ 508,015
j. Indirect Charges	\$	\$	\$ 0
k. TOTALS	\$ 450,000	\$ 58,015	\$ 508,015
Program Income	\$	\$	\$ 0

● Indicates Required Field

SECTION C - NON-FEDERAL RESOURCES

Grant Program	Applicant	State	Total
12.610 - COMMUNITY ECONOMIC ADJUSTMENT PLANNING ASSISTANCE FOR JOINT LAND USE STUDIES	\$ 58,015	\$	\$ 58,015

Remarks

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11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT

Redstone Arsenal (JLUS)

12. AREAS AFFECTED BY PROJECT

City of Huntsville, City of Madison, Madison County

13. PROPOSED PROJECT

Start Date

07/01/2015

Ending Date

01/31/2017

14. CONGRESSIONAL DISTRICTS OF

Applicant

- 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
- 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
- 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
- 51 52 53

Project

- 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
- 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
- 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
- 51 52 53

15. ESTIMATED FUNDING

Federal	\$	450,000
Applicant	\$	55,295
State	\$	
Local	\$	
Other	\$	
Program Income	\$	
TOTAL	\$	505,295

16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?

[For more information click here](#)

No. Program is not covered by E.O. 12372.

17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?

Yes/No

No

18. SIGNATURE BLOCK

- a. Name of Authorized Representative
- b. Title
- c. Telephone Number
- d. Signature of Authorized Representative
- e. Date Signed



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