



# J-U-B ENGINEERS, Inc. AGREEMENT FOR PROFESSIONAL SERVICES

J-U-B Project No.: 30-20-068  
J-U-B Project Manager: JTB

This Agreement entered into and effective this 10th day of September 2020, between the City of College Place, hereinafter referred to as the "CLIENT" and J-U-B ENGINEERS, Inc., an Idaho corporation, hereinafter referred to as "J-U-B".

### WITNESSETH:

WHEREAS the CLIENT intends to: develop a GIS system for the City as part of the Hazardous Pipeline GIS Grant hereinafter referred to as the "Project". The Services to be performed by J-U-B are hereinafter referred to as the "Services."

NOW, THEREFORE, the CLIENT and J-U-B, in consideration of their mutual covenants herein, agree as set forth below:

### CLIENT INFORMATION AND RESPONSIBILITIES

The CLIENT will provide to J-U-B all criteria and full information as to CLIENT's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations; and furnish copies of all design and construction standards, rules and laws which CLIENT or others will require to be included in the drawings and specifications, and upon which J-U-B can rely for completeness and accuracy.

The CLIENT will furnish to J-U-B all data, documents, and other items in CLIENT's possession, or reasonably obtainable by CLIENT, including, without limitation: 1) borings, probings and subsurface explorations, hydrographic surveys, laboratory tests and inspections of samples, materials and equipment; 2) appropriate professional interpretations of all of the foregoing; 3) environmental assessment and impact statements; 4) surveys of record, property descriptions, zoning, deeds and other land use restrictions, rules and laws; and 5) other special data or consultations, all of which J-U-B may use and rely upon in performing Services under this Agreement.

The CLIENT will obtain, arrange and pay for all advertisements for bids, permits and licenses, and similar fees and charges required by authorities, and provide all land, easements, rights-of-ways and access necessary for J-U-B's Services and the Project.

In addition, the CLIENT will furnish to J-U-B those items described in **Attachment 1**.

### PROJECT REPRESENTATIVES

The CLIENT and J-U-B hereby designate their authorized representatives to act on their behalf with respect to the Services and responsibilities under this Agreement. The following designated representatives are authorized to receive notices, transmit information, and make decisions regarding the Project and Services on behalf of their respective parties, except as expressly limited herein. These representatives are not authorized to alter or modify the TERMS AND CONDITIONS of this Agreement.

#### For the CLIENT:

1.	Name	<u>Mike Rizzitiello, City Administrator</u>	Work telephone	<u>509-394-8506</u>
	Address	<u>625 South College Avenue</u>	Home/cell phone	<u></u>
		<u>College Place, WA 99324</u>	FAX telephone	<u>509-525-5352</u>
		<u></u>	E-mail address	<u>MRizzitiello@cpwa.us</u>

#### For J-U-B:

1.	Name	<u>Justin Baerlocher</u>	Work telephone	<u>509-783-2144</u>
	Address	<u>2810 West Clearwater Ave</u>	Cell phone	<u></u>
		<u>Suite 201</u>	FAX telephone	<u>509-736-0790</u>
		<u>Kennewick, WA 99336</u>	E-mail address	<u>jbaerlocher@jub.com</u>

In the event any changes are made to the authorized representatives or other information listed above, the CLIENT and J-U-B agree to furnish each other timely, written notice of such changes.

**SERVICES TO BE PERFORMED BY J-U-B (“Services”)**

J-U-B will perform the Services described in **Attachment 1** in a manner consistent with the applicable standard of care. J-U-B’s services shall be limited to those expressly set forth therein, and J-U-B shall have no other obligations, duties, or responsibilities for the Project except as provided in this Agreement.

**SCHEDULE OF SERVICES TO BE PERFORMED**

J-U-B will perform said Services in accordance with the schedule described in **Attachment 1** in a manner consistent with the applicable standard of care. This schedule shall be equitably adjusted as the Project progresses, allowing for changes in scope, character or size of the Project requested by the CLIENT or for delays or other causes beyond J-U-B’s control.

**BASIS OF FEE**

The CLIENT will pay J-U-B for their Services and reimbursable expenses as described in **Attachment 1**. A ten percent administrative fee will be applied to sub-consultant invoices.

Other work that J-U-B performs in relation to the Project at the written request or acquiescence of the CLIENT, which are not defined as Services, shall be considered “Additional Services” and subject to the express terms and conditions of this Agreement. Unless otherwise agreed, the CLIENT will pay J-U-B for Additional Services on a time and materials basis. Resetting of survey and/or construction stakes shall constitute Additional Services.

File Folder Title: College Place Hazardous Pipeline GIS

Remarks: \_\_\_\_\_

**The Notice to Proceed, by the CLIENT, verbal or written, or execution of the Agreement shall constitute acceptance of the terms of this Agreement. THE TERMS AND CONDITIONS ON PAGES 3 AND 4, INCLUDING RISK ALLOCATION, ARE PART OF THIS AGREEMENT. THE CLIENT AGREES TO SAID TERMS AND CONDITIONS FOR ALL SERVICES AND ADDITIONAL SERVICES. Special Provisions that modify these TERMS AND CONDITIONS, if any, are included in Attachment 2. All other modifications to these terms and conditions must be in writing and signed by both parties.**

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written. These parties represent and acknowledge that they have authority to execute this Agreement.

**CLIENT:**  
**City of College Place**

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NAME  
**625 South College Avenue**

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STREET  
**College Place, WA 99324**

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CITY / STATE / ZIP CODE

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BY (Signature)

---

NAME / TITLE

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BY (Signature)

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ADDITIONAL NAME / TITLE

**J-U-B ENGINEERS, Inc.:**  
**2810 West Clearwater Avenue, Suite 201**

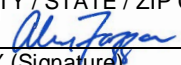
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STREET  
**Kennewick, WA 99336**

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CITY / STATE / ZIP CODE

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 BY (Signature)  
**Alex Fazzari, P.E., Area Manager**

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NAME / TITLE

*Applicable Attachments or Exhibits to this Agreement are indicated as marked.*

**Attachment 1** – Scope of Services, Schedule, and Basis of Fee

**Attachment 2** – Special Provisions

**Standard Exhibit A** – Construction Phase Services

REV: 5/20

**DISTRIBUTION: Accounting; Project File; CLIENT**

# J-U-B ENGINEERS, Inc.

## TERMS AND CONDITIONS

### GENERAL

All J-U-B Services shall be covered by this Agreement. The Services will be performed in accordance with the care and skill ordinarily used by members of the subject profession practicing under like circumstances at the same time and in the same locality. **J-U-B MAKES NO WARRANTY EITHER EXPRESS OR IMPLIED ON BEHALF OF IT OR OTHERS.** Nothing herein shall create a fiduciary duty between the parties.

The CLIENT acknowledges and agrees that requirements governing the Project may be ambiguous and otherwise subject to various and possibly contradictory interpretations and J-U-B is, therefore, only responsible to use its reasonable professional efforts and judgment to interpret such requirements. Accordingly, CLIENT should prepare and plan for clarifications or modifications which may impact both the cost and schedule of the Project.

J-U-B shall not be responsible for acts or omissions of any other party involved in the Project, including but not limited to the following: the failure of CLIENT or a third party to follow J-U-B's recommendations; the means, methods, techniques, sequences or procedures of construction; safety programs and precautions selected by third parties; compliance by CLIENT or third parties with laws, rules, regulations, ordinances, codes, orders or authority; and delays caused by CLIENT or third parties. CLIENT, therefore, releases and shall indemnify, defend and hold J-U-B harmless from the acts, errors, or omissions of CLIENT or third parties involved in the Project.

J-U-B shall not be required to execute any documents, no matter by whom requested, that would result in J-U-B's having to certify, guarantee or warrant the existence of conditions. CLIENT acknowledges that subsurface conditions can vary widely between adjacent samples and test points, and therefore J-U-B makes no warranty or other representation regarding soil investigations and characterization of subsurface conditions for the Project.

Any sales tax or other tax on the Services rendered under this Agreement, additional costs due to changes in regulation, and fees for credit card payment transactions shall be paid by the CLIENT.

CLIENT grants J-U-B and its subsidiaries the unrestricted right to take, use, and publish images, or edited images, of the project site and workers for J-U-B's purposes including, but not limited to, website, intranet, and marketing. This right shall survive the termination of this Agreement.

### REUSE OF DOCUMENTS

Documents that may be relied upon by CLIENT as instruments of service under this Agreement are limited to the printed copies (also known as hard copies) that are signed or sealed by J-U-B (including non-vector PDF facsimiles thereof). All printed materials or other communication or information ("Documents") that may be prepared or furnished by J-U-B pursuant to this Agreement are instruments of service with respect to the Project. J-U-B grants CLIENT a limited license to use the Documents on the Project subject to receipt by J-U-B of full payment for all Services related to preparation of the Documents.

Although CLIENT may make and retain copies of Documents for reference, J-U-B shall retain all common law, statutory and other reserved rights, including the copyright thereto, and the same shall not be reused on this Project or any other Project without J-U-B's prior written consent. Submission or distribution of Documents to meet regulatory or permitting requirements, or for similar purposes, in connection with the Project, including but not limited to distribution to contractors or subcontractors for the performance of their work, is not to be construed as publication adversely affecting the reserved rights of J-U-B.

Any reuse without written consent by J-U-B, or without verification or adoption by J-U-B for the specific purpose intended by the reuse, will be at CLIENT's sole risk and without liability or legal exposure to J-U-B. The CLIENT shall release, defend, indemnify, and hold J-U-B harmless from any claims, damages, actions or causes of action, losses, and expenses, including reasonable attorneys' and expert fees, arising out of or resulting from such reuse.

### CONSTRUCTION PHASE SERVICES

It is understood and agreed that J-U-B does not have control over, and neither the professional activities of J-U-B nor the presence of J-U-B at the Project Site shall give, J-U-B control over contractor(s) work nor shall J-U-B have authority over or responsibility for the means, methods, techniques, sequences or procedures of construction selected by contractor(s), for safety precautions and programs incident to the work of the contractor(s) or for any failure of contractor(s) to comply with laws, rules, regulations, ordinances, codes or orders applicable to contractor(s)

furnishing and performing their work or providing any health and safety precautions required by any regulatory agencies. Accordingly, J-U-B does not guarantee or warrant the performance of the construction contracts by contractor(s), nor assume responsibility of contractor(s)' failure to furnish and perform their work in accordance with the Contract Documents.

The CLIENT agrees that the general contractor shall be solely responsible for jobsite safety, and CLIENT agrees that this intent shall be set forth in the CLIENT's contract with the general contractor. The CLIENT also agrees that the CLIENT, J-U-B, and J-U-B's subconsultants shall be indemnified by the general contractor in the event of general contractor's failure to assure jobsite safety and shall be made additional insureds under the general contractor's policies of general liability insurance.

**NOTE on Coronavirus:** The contractor and contractor's COVID-19 Site Supervisor are responsible for full monitoring, compliance, and enforcement of the contractor's plan. J-U-B's review or other actions related to the contractor COVID-19 plan do not extend to the means, methods, techniques, sequences, or procedures of construction or to the safety precautions and programs incident thereto.

If **Standard Exhibit A – Construction Phase Services** is attached, the additional terms contained therein apply to this Agreement.

### OPINIONS OF COST AND PROJECT FINANCIAL INFORMATION

CLIENT understands that J-U-B has no control over the cost of labor, materials, equipment or services furnished by others, the contractor(s)' methods of determining prices, nor bidding or market conditions. J-U-B's opinions of probable Project costs and construction, if any, are to be made on the basis of J-U-B's experience, and represent J-U-B's best judgment as a professional engineer, familiar with the construction industry.

CLIENT understands and acknowledges that J-U-B cannot and does not guarantee that proposals, bids or actual Project or construction costs will not vary from opinions of probable cost prepared by J-U-B. J-U-B's Services to modify the Project to bring the construction costs within any limitation established by the CLIENT will be considered Additional Services and paid for as such by the CLIENT in accordance with the terms herein.

CLIENT agrees that J-U-B is not acting as a financial advisor to the CLIENT and does not owe CLIENT or any third party a fiduciary duty pursuant to Section 15B of the Exchange Act with respect to J-U-B's professional Services. J-U-B will not give advice or make specific recommendations regarding municipal securities or investments and is therefore exempt from registration with the SEC under the municipal advisors rule. CLIENT agrees to retain a registered financial municipal advisor as appropriate for Project financing and implementation.

### TIMES OF PAYMENTS

J-U-B shall submit monthly statements for Services rendered and for expenses incurred, which statements are due on presentation. CLIENT shall make prompt monthly payments. If CLIENT fails to make any payment in full within thirty (30) days after receipt of J-U-B's statement, the amounts due J-U-B will accrue interest at the rate of 1% per month from said thirtieth day or at the maximum interest rate allowed by law, whichever is less.

If the CLIENT fails to make payments when due or otherwise is in breach of this Agreement, J-U-B may suspend performance of Services upon five (5) days' notice to the CLIENT. J-U-B shall have no liability whatsoever to the CLIENT for any costs or damages as a result of such suspension caused by any breach of the Agreement by the CLIENT. Upon cure of breach or payment in full by the CLIENT within thirty (30) days of the date breach occurred or payment is due, J-U-B shall resume Services under the Agreement, and the time schedule and compensation shall be equitably adjusted to compensate for the period of suspension, plus any other reasonable time and expense necessary for J-U-B to resume performance. If the CLIENT fails to make payment as provided herein and cure any other breach of this Agreement within thirty (30) days after suspension of Services, such failure shall constitute a material breach of this Agreement and shall be cause for termination of this Agreement by J-U-B.

CLIENT shall promptly review J-U-B's invoices and shall notify J-U-B in writing of any dispute with said invoice, or portion thereof, within thirty (30) days of receipt. Failure to provide notice to J-U-B of any dispute as required herein shall constitute a waiver of any such dispute. CLIENT shall pay all undisputed portions of such invoice as required by this Agreement. Client shall not withhold any payment or portion thereof as an offset to any current or prospective claim.

## **TERMINATION**

The obligation to provide further Services under the Agreement may be terminated by either party upon thirty (30) days' written notice. If this Agreement is terminated by either party, J-U-B will be paid for Services and Additional Services rendered and for expenses incurred. In addition to any other remedies at law or equity, if the Agreement is terminated by the CLIENT for reasons other than J-U-B's material breach of this Agreement, or is terminated by J-U-B for CLIENT's material breach of this Agreement, J-U-B shall be paid a termination fee which shall include: the cost and expense J-U-B incurs in withdrawing its labor and resources from the Project, the costs and expense incurred by J-U-B to obtain and engage in a new Project with the labor and resources withdrawn from the Project, and the lost profit on the remainder of the work.

## **RISK ALLOCATION**

In recognition and equitable allocation of relative risks and benefits of the Project, CLIENT limits the total aggregate liability of J-U-B and its employees and consultants, whether in tort or in contract, for any cause of action, as follows: 1) for insured liabilities, to the amount of insurance then available to fund any settlement, award, or verdict, or 2) if no such insurance coverage is held or available with respect to the cause of action, twenty five thousand dollars (\$25,000.00) or one hundred percent (100%) of the fee paid to J-U-B under this Agreement, whichever is less. J-U-B shall provide certificates evidencing insurance coverage at the request of the CLIENT. For purposes of this section, attorney fees, expert fees and other costs incurred by J-U-B, its employees, consultants, insurance carriers in the defense of such claim shall be included in calculating the total aggregate liability.

The CLIENT agrees that J-U-B is not responsible for damages arising directly or indirectly from any delays for causes beyond J-U-B's control. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; emergencies or acts of God; failure of any government agency or other third party to act in a timely manner; failure of performance by the CLIENT or the CLIENT's contractors or consultants; or discovery of any hazardous substance or differing site conditions. In addition, if the delays resulting from any such causes increase the cost or time required by J-U-B to perform its Services in an orderly and efficient manner, J-U-B shall be entitled to an equitable adjustment in schedule and compensation.

Notwithstanding any other provision contained within this Agreement, nothing shall be construed so as to void, vitiate, or adversely affect any insurance coverage held by either party to this Agreement. The CLIENT further agrees that, to the fullest extent permitted by law, no shareholder, officer, director, or employee of J-U-B shall have personal liability under this Agreement, or for any matter in connection with the professional services provided in connection with the Project.

Neither CLIENT nor J-U-B shall be responsible for incidental, indirect, or consequential damages.

## **HAZARDOUS WASTE, ASBESTOS, AND TOXIC MATERIALS**

The CLIENT agrees, notwithstanding any other provision of this Agreement, to the fullest extent permitted by law, to indemnify and hold harmless J-U-B, its officers, employees, successors, partners, heirs and assigns (collectively, J-U-B) from and against any and all claims, suits, demands, liabilities, losses, damages or costs, including reasonable attorneys' fees and defense costs arising out of or in any way connected with the detection, presence, handling, removal, abatement, or disposal of any asbestos or hazardous or toxic substances, products or materials that exist on, about or adjacent to the Project location, whether liability arises under breach of contract or warranty, tort, including negligence, strict liability or statutory liability or any other cause of action, except for the sole negligence or willful misconduct of J-U-B.

## **RIGHT OF ENTRY**

The CLIENT shall provide J-U-B adequate and timely access to all property reasonably necessary to the performance of J-U-B and its subconsultant's services. The CLIENT understands that use of testing or other equipment may unavoidably cause some damage, the correction of which, or compensation for, is expressly disclaimed by J-U-B. Any such costs incurred are CLIENT's sole responsibility.

## **MEDIATION BEFORE LITIGATION**

Any and all disputes arising out of or related to the Agreement, except for the payment of J-U-B's fees, shall be submitted to nonbinding mediation before a mutually-acceptable mediator as a condition precedent to litigation or other binding adjudicative procedure unless the parties mutually agree otherwise. The CLIENT further agrees to include a similar mediation provision in all agreements with independent contractors,

consultants, subcontractors, subconsultants, suppliers and fabricators on the Project, thereby providing for mediation as the primary method for dispute resolution among all the parties involved in the Project. In the event the parties are unable to agree on a mediator, said mediator shall be appointed by a court of competent jurisdiction or, if not possible, the American Arbitration Association. If a dispute relates to, or is the subject of a lien arising out of J-U-B's Services, J-U-B or its subconsultants may proceed in accordance with applicable law to comply with the lien notice and filing deadlines prior to submission of the matter by mediation.

## **LIMITATION PERIODS**

For statutes of limitation or repose purposes, any and all CLIENT claims shall be deemed to have accrued no later than the date of substantial completion of J-U-B's Services.

## **LEGAL FEES**

For any action arising out of or relating to this Agreement, the Services, or the Project, each party shall bear its own attorneys fees and costs.

## **SURVIVAL**

All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.

## **EXTENT OF AGREEMENT**

In entering into this Agreement, neither party has relied upon any statement, estimate, forecast, projection, representation, warranty, action, or agreement of the other party except for those expressly contained in this Agreement. CLIENT shall include a similar provision in its contracts with any contractor, subcontractor, or consultant stating that any such contractor, subcontractor, or consultant is not relying upon any statement, estimate, forecast, projection, representation, warranty, action, or agreement of J-U-B when entering into its agreement with CLIENT.

This Agreement represents the entire and integrated agreement between the CLIENT and J-U-B and supersedes all prior negotiations, representations or agreements, either written or oral. The Agreement may be amended only by written instrument signed by both CLIENT and J-U-B.

In the event any provision herein or portion thereof is invalid or unenforceable, the remaining provisions shall remain valid and enforceable. Waiver or a breach of any provision is not a waiver of a subsequent breach of the same of any other provision.

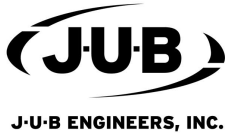
## **SUCCESSORS AND ASSIGNS**

Neither party shall assign, sublet, or transfer any rights or interest (including, without limitation, moneys that are due or may become due) or claims under this Agreement without the prior, express, written consent of the other, except to the extent that any assignment, subletting, or transfer is mandated or restricted by law. Unless specifically stated in any written consent to an assignment, no assignment will release the assignor from any obligations under this Agreement.

No third party beneficiary rights are intended or created under this Agreement, nor does this Agreement create any cause of action in favor of any third party hereto. J-U-B's Services under this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against J-U-B because of this Agreement or the performance or nonperformance of Services hereunder. In the event of such third party claim, CLIENT agrees to indemnify and hold J-U-B harmless from the same. The CLIENT agrees to require a similar provision in all contracts with contractors, subcontractors, consultants, vendors and other entities involved in the Project to carry out the intent of this provision to make express to third parties that they are not third party beneficiaries.

## **CONTROLLING LAW, JURISDICTION, AND VENUE**

This Agreement shall be interpreted and enforced in and according to the laws of the state in which the Project is primarily located. Venue of any dispute resolution process arising out of or related to this Agreement shall be in the state in which the Project is primarily located and subject to the exclusive jurisdiction of said state.



**J-U-B ENGINEERS, Inc.  
AGREEMENT FOR PROFESSIONAL SERVICES**

**Attachment 1 – Scope of Services, Basis of Fee, and Schedule**

**PROJECT NAME:** College Place Hazardous Pipeline GIS

**CLIENT:** City of College Place

**J-U-B PROJECT NUMBER:** 30-20-068

**ATTACHMENT TO:**

**AGREEMENT DATED: 9/10/2020**

The referenced Agreement for Professional Services executed between J-U-B ENGINEERS, Inc. (J-U-B) and the CLIENT is amended and supplemented to include the following provisions regarding the Scope of Services, Basis of Fee, and/or Schedule:

**PART 1 - PROJECT UNDERSTANDING**

J-U-B's understanding of this project's history and CLIENT's general intent and scope of the project are described as follows:

The objectives of the proposed project will be to help identify and evaluate safety risks; develop and enforce standards for design, construction, operations and maintenance near the high-pressure natural gas pipeline; educate staff and the public; review emergency response plans with the City and County Emergency Management personnel, and to map and publicize evacuation zones and routes. The Technical Assistance Grant will be used to complete the following activities: 1.) Create a comprehensive GIS-driven risk assessment and asset management system. GPS points will be gathered to identify critical infrastructure and accesses to community and commercial sites, and then develop evacuation zones and areas so the City and County can plan for a possible incident. 2.) Coordinate with Williams Pipeline – the pipeline operator to determine pipeline exposure and locations as they pertain to College Place, City of Walla Walla, Walla Walla County, and DOT infrastructure. 3.) Organize information between the City, County, and Williams Pipeline to help understand the risks associated with the hazardous pipeline and how to educate themselves and the public. 4.) Electronically document contact information so City and County staff and the pipeline operator can easily contact each other out in the field. 5.) Provide GPS equipment and train City staff regarding the use of collected GPS data – how to access and update GIS maps and the data that is stored. Instruct on how to use the data to access safety policies for the hazardous pipeline, and how to share the gathered information. 6.) Prepare an emergency evacuation zone and hazardous pipeline evacuation area map for City and County Emergency Management. Having access to these maps will allow them to have information in both electronic and in hard copy format to train and prepare for emergencies. 7.) Develop a series of emergency scenarios to better understand the threats, including planning for how to handle a possible incident during a flood event or community event; or during normal daily activities that happen in the area, i.e. community center, mental health center, or commercial center that is near the hazardous pipeline and transfer station.

**PART 2 - SCOPE OF SERVICES BY J-U-B**

J-U-B's Services under this Agreement are limited to the following tasks. Any other items necessary to plan and implement the project, including but not limited to those specifically listed in PART 3, are the responsibility of CLIENT.

**A. Task 1 – Project Kickoff and Planning Meeting**

1. October 2020: A kickoff meeting will be held to discuss the specific needs and details of the project. College Place and its partners will determine what information would need to be collected to document utilities and coordinate with Gateway Mapping (GMI). This meeting will identify and prioritize work-tracking applications and maintenance reports. Specific attributes will be

determined for each GIS feature type. This meeting will be an opportunity to chart the course for an effective and efficient project.

**B. Task 2 – Hardware/ Software**

1. October – November 2020: Purchase one Mapping Grade GPS unit, including associated software. Purchase one GIS-capable laptop computer and one iPad. (See Exhibit A DHS Authorized Equipment List Section 04 Information Technology).

**C. Task 3 – GPS Training & GPS Data Collection**

1. October 2020 – April 2021 (May have to finish in spring 2020 depending on weather): GPS unit will be set up and configured for attribute information to be efficiently entered into the GPS. Collection of infrastructure features will be mostly completed by City staff. GMI will provide GPS training and support for College Place departments during the data collection process.

**D. Task 4 – GIS Mapping**

1. November 2020 – May 2021: Review existing GIS data layers and structure with City staff. Create recommendations for GIS data structure/workflow. Implementation and training on structure/workflow. ArcGIS Pro software training and QA/QC.

**E. Task 5 – GIS Application Setup**

1. January 2021 – May 2021: The ArcGIS Online Account will be configured, and Web Maps will be set up as well as the setup of Web Applications. Develop offline backup routines and QA/QC on information configured.

**F. Task 6 – Asset Management**

1. December 2020 – March 2021: Planning meeting to discuss history tracking needs and to set up history tables and publish to ArcGIS Online. Implementation and training on history. Create report templates. QA/QC.

**G. Task 7 – Hazardous Pipeline Mapping, Study and Analysis**

1. May – July 2021: Gather data from pipeline companies and set up data in GIS. Perform safety analysis, create maps including proximity to existing infrastructure, and develop figures to show results of analysis. Produce paper maps to be used for handouts, as well as an interactive web map that shows evacuation routes. QA/QC.

**H. Task 8 – Public Awareness Campaign**

1. June – September 2021: Meet with local emergency management officials, schools, health, and WSDOT to discuss results of safety analysis. Create public awareness documents for use on website, mailers, and at the office.

**I. Task 9 – Reporting to Comply with Grant Requirements**

1. Create and submit mid-term progress reports, mid-term financial reports, final reports, and final financial reports.

**PART 3 - CLIENT-PROVIDED WORK AND ADDITIONAL SERVICES**

**A. CLIENT-Provided Work** - CLIENT is responsible for completing, or authorizing others to complete, all tasks not specifically included above in PART 2 that may be required for the project including, but not limited to:

1. Provide J-U-B with data to complete the following field for the Sanitary Sewer GIS layer:
  - a. Unique MH ID numbers
  - b. Unique pipe ID numbers
  - c. Rim elevations

- d. Pipe length
  - e. Pipe diameter
  - f. Pipe material
  - g. Pipe/MH date of installation
  - h. Pipes that have been rehabilitated with CIPP
  - i. Subjective condition assessment based on City input (good, bad, unknown)
  - j. Pipes suspected to have significant infiltration
  - k. Known overflow events at any manholes and dates of overflows.
  - l. Pipes that require regular routine maintenance
  - m. Pipes with known root intrusion problems
  - n. Last known dates of CCTV
  - o. Last know dates of jetting
2. Provide current GIS information including parcels, contour, sewer, city limits, UGA boundary, and aerial images.
  3. Provide updated GIS information as necessary for any errors noticed in the data
  4. Provide J-U-B with as-builts of water and sewer system for review and reference.
- B. Additional Services** - CLIENT reserves the right to add future tasks for subsequent phases or related work to the scope of services upon mutual agreement of scope, additional fees, and schedule. These future tasks, to be added by amendment at a later date as Additional Services, may include:
1. None at this time.

**PART 4 - BASIS OF FEE AND SCHEDULE OF SERVICES**

- A. CLIENT shall pay J-U-B for the identified Services in PART 2 as follows:
1. For Lump Sum fees:
    - a. The portion of the Lump Sum amount billed for J-U-B's services will be based upon J-U-B's estimate of the percentage of the total services actually completed during the billing period.
  2. J-U-B may alter the distribution of compensation between individual tasks to be consistent with services actually rendered while not exceeding the total project amount.
- B. Period of Service: If the period of service for the task identified above is extended beyond 12 months, the compensation amount for J-U-B's services may be appropriately adjusted to account for salary adjustments and extended duration of project management and administrative services.
- C. CLIENT acknowledges that J-U-B will not be responsible for impacts to the schedule by actions of others over which J-U-B has no control.
- D. The following table summarizes the fees and anticipated schedule for the services identified in PART 2.

Task Number	Task Name	Fee Type	Amount	Anticipated Schedule
001	Project Kickoff and Planning Meeting	Lump Sum	\$ 3,428	October 2020
002	Hardware/ Software	Lump Sum	\$ 12,400	October – November 2020
003	GPS Training & GPS Data Collection	Lump Sum	\$ 16,100	October 2020 – April 2021
004	GIS Mapping	Lump Sum	\$19,270	November 2020 – May 2021
005	GIS Application Setup	Lump Sum	\$11,000	January 2021 – May 2021

006	Asset Management	Lump Sum	\$12,392	December 2020 – March 2021
007	Hazardous Pipeline Mapping, Study and Analysis	Lump Sum	\$11,040	May – July 2021
008	Public Awareness Campaign	Lump Sum	\$10,660	June – September 2021
009	Reporting to Comply with Grant Requirements	Lump Sum	\$3,250	Concurrent with work progress
<b>Total:</b>			<b>\$99,540</b>	

***NOTE on Coronavirus and Schedule:** J-U-B is committed to meeting your project schedule commitments as delineated above. As our response to the COVID-19 pandemic, J-U-B is engaging in safety procedures in help to protect clients, staff, their families, and the public. Our staff or offices may be subject to quarantine or other interruptions. Since COVID-19 impacts are beyond J-U-B's control, we are not responsible for the force majeure impacts to delivery timelines, or subsequent project delays and related claims, costs, or damages. Should circumstances related to the COVID-19 issue arise with J-U-B staff or in a J-U-B office that will impact our delivery schedule, we will notify you of the circumstances and mutually agree to a schedule adjustment.*

**Exhibit(s):**

- Exhibit A- DHS Authorized Equipment List

*For internal J-U-B use only:*

PROJECT LOCATION (STATE): Washington

TYPE OF WORK: City

R&D: No

GROUP: GIS

PROJECT DESCRIPTION(S):

1. GIS/Asset Management (G04)
2. None



## Exhibit A

# *DHS Authorized Equipment List*

**The Authorized Equipment List (AEL) provides information on allowable equipment expenditures for the following grant programs (data applies to FY2005 and later unless noted):**

Citizen Corps Program (CCP)  
Metropolitan Medical Response System (MMRS) Program  
Buffer Zone Protection Program (BZPP)  
Driver's License Security Grant Program (DLSGP)  
Emergency Management Performance Grants (EMPG)  
Emergency Operations Center (EOC) Grant Program  
Freight Rail Security Grant Program (FRSGP)  
Homeland Security Grant Program (HSGP)  
Intercity Bus Security Grant Program (IBSGP)  
Intercity Passenger Rail (Amtrak)  
Interoperable Emergency Communications Grant Program (IECGP)  
Law Enforcement Terrorism Prevention Activity (LETPA-SHSP)  
Law Enforcement Terrorism Prevention Activity (LETPA-UASI)  
Nonprofit Security Grant Program (NSGP)  
Operation Stonegarden Grant Program (OPSG)  
Port Security Grant Program (PSGP)  
Public Safety Interoperable Communications (PSIC) Grant Program  
Regional Catastrophic Preparedness Grant Program (RCPGP)  
State Homeland Security Program (SHSP)  
Transit Security Grant Program (TSGP)  
Tribal Homeland Security Grant Program (THSGP)  
Urban Areas Security Initiative (UASI) Program

Each item in the AEL is marked for applicability to appropriate grant programs. The numbering scheme for individual items has been changed to provide direct cross referencing with the InterAgency Board's Standardized Equipment List. Complete interactive versions of both the AEL and SEL are available on-line in the Responder Knowledge Base (RKB) at [www.rkb.us](http://www.rkb.us). Hard copies of the SEL may be requested at [www.iab.gov](http://www.iab.gov). PDF and Excel versions of the AEL are available for downloading from the AEL page on the RKB. The official version of the AEL is available in PDF format on the G&T website at [www.ojp.usdoj.gov/odp](http://www.ojp.usdoj.gov/odp).

As in previous years, the AEL is presented in 21 sections, as follows:

1. Personal Protective Equipment
2. Explosive Device Mitigation and Remediation Equipment
3. CBRNE Operational and Search and Rescue Equipment
4. Information Technology
5. Cyber Security Enhancement Equipment
6. Interoperable Communications Equipment
7. Detection
8. Decontamination
9. Medical
10. Power
11. CBRNE Reference Materials
12. CBRNE Incident Response Vehicles
13. Terrorism Incident Prevention Equipment
14. Physical Security Enhancement Equipment
15. Inspection and Screening Systems
16. Animal and Plants
17. CBRNE Prevention and Response Watercraft
18. CBRNE Aviation Equipment
19. CBRNE Logistical Support Equipment
20. Intervention Equipment
21. Other Authorized Equipment

## ***How to Interpret the AEL***

Each item has the following attributes in the list:

### ***AEL Ref No:***

This is a unique identifier for each item on the AEL, to facilitate referencing it.

### ***Title/Description:***

Each item has a title (printed in bold), and most also have additional information in the description field below the title.

### ***Applicable Grant Programs***

This lists the specific grant program(s) for which the item is allowable.

### ***Grant Notes***

Many items have specific additional guidance relating to allowability under one or more of the grant programs. If a note exists for an item, it will appear directly beneath the applicable grant programs list.

### ***Target Capabilities List (based on the September, 2007 document):***

The list below identifies the Target Capabilities that support the National Preparedness Goal. Each item in the AEL will be annotated with a list that shows which Target Capability (ies) is (are) supported by that item.

1. Planning
2. Communications
3. Risk Management
4. Community Preparedness and Participation
5. Intelligence and Information Sharing and Dissemination
6. Information Gathering and Recognition of Indicators and Warnings
7. Intelligence Analysis and Production
8. Counter-Terror Investigation and Law Enforcement
9. CBRNE Detection
10. Critical Infrastructure Protection
11. Food and Agriculture Safety and Defense
12. Epidemiological Surveillance and Investigation
13. Laboratory Testing
14. On-site Incident Management
15. Emergency Operations Center Management
16. Critical Resource Logistics and Distribution
17. Volunteer Management and Donations
18. Responder Safety and Health
19. Emergency Public Safety and Security Response
20. Animal Disease Emergency Support
21. Environmental Health
22. Explosive Device Response Operations
23. Fire Incident Response Support
24. WMD and Hazardous Materials Response and Decontamination
25. Citizen Evacuation and Shelter-In-Place
26. Isolation and Quarantine
27. Search and Rescue (Land-Based)
28. Emergency Public Information and Warning
29. Emergency Triage and Pre-Hospital Treatment
30. Medical Surge
31. Medical Supplies Management and Distribution
32. Mass Prophylaxis
33. Mass Care (Sheltering, Feeding, and Related Services)
34. Fatality Management
35. Structural Damage and Mitigation Assessment
36. Restoration of Lifelines
37. Economic & Community Recovery

**Grant Notes:** Actual explosive material is not allowable, and must be purchased separately.

Not for routine use. This item is for use only by specialized teams such as FBI accredited Bomb Squads, Tactical Entry Teams, or Special Weapons and Tactics (SWAT) Teams.

**Applicable TCL Numbers:** 8 , 22

*Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information. This item is for use only by specialized teams such as FBI accredited Bomb Squads, Tactical Entry Teams, or Special Weapons and Tactics (SWAT) Teams.*

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**02EX-00-EXMP Magazines, Portable or Transportable, Explosive**

**Description:** Portable or transportable magazines for short- or long-term storage and transport of explosive materials, possible IEDs, or other suspected CBRNE devices to and from incident scene. Includes any movable magazines, including those requiring crane lift/placement.

**Applicable Grant Programs:** Amtrak , BZPP , EOC , LETPA-SHSP , LETPA-UASI , OPSG , PSGP , SHSP , THSGP , TSGP , UASI

**Grant Notes:** Should be purchased for and used by FBI accredited Bomb Squads, Explosive Detection Canine Teams, Tactical Entry Teams, or Special Weapons and Tactics (SWAT) Teams. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910. Magazines must meet the requirements of Title 27 CFR, Part 555 - Commerce in Explosives, Subpart K - Storage, 555.203 - Type of Magazines.

**Applicable TCL Numbers:** 8 , 22

*Should be purchased for and used by FBI accredited Bomb Squads, Explosive Detection Canine Teams, Tactical Entry Teams, or Special Weapons and Tactics (SWAT) Teams. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.*

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**02EX-00-KTFO Kit, Fiber Optic**

**Description:** Fiber optic kit (inspection or viewing).

**Applicable Grant Programs:** Amtrak , BZPP , EOC , LETPA-SHSP , LETPA-UASI , OPSG , PSGP , SHSP , THSGP , TSGP , UASI

**Grant Notes:**

**Applicable TCL Numbers:** 8 , 19 , 22 , 24 , 27

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**02EX-00-MITA Mitigation Area, Explosive**

**Description:** Explosive/bomb mitigation areas, explosive training, upgrades, including portable explosive/burn containment vessels or shielding.

**Applicable Grant Programs:** Amtrak , BZPP , EOC , LETPA-SHSP , LETPA-UASI , OPSG , PSGP , SHSP , THSGP , TSGP , UASI

**Grant Notes:**

**Applicable TCL Numbers:** 8 , 22 , 24

*Must be purchased for and used by an FBI accredited bomb squad or a prospective bomb squad undergoing the accreditation process. For information on establishing new bomb squad programs, agencies should contact the Special Agent Bomb Technician in the nearest FBI Office or call directly to the FBI Program Manager at the Hazardous Devices School, (256) 313-1910.*

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**02EX-00-PBIE Equipment, Post Blast Investigation**

**Description:** Equipment for post-blast investigation, explosives/Improvised Explosive Device (IED) investigation tools, portable and hand held metal detectors (HHMD), evidence processing equipment, scene preservation equipment, upgrades. Note: support equipment for post-blast investigation is available in other sections such as Scene Control (03OE-03), Power (10), and CBRNE Logistical Support Equipment (19).

*Interactive versions of this list, including an integrated AEL/SEL display are available on-line at [www.rkb.us](http://www.rkb.us).*

*Applicable TCL Numbers:* 19 , 27

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**03WA-02-SONR Sonar, Imaging**

*Description:* Underwater imaging device utilizing sound waves to assist in search and rescue operations.

*Applicable Grant Programs:* Amtrak , BZPP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , TSGP , UASI

*Grant Notes:* For use only by specialty teams such as Dive Teams or Swiftwater/Flood Search and Rescue Teams.

*Applicable TCL Numbers:* 19

*Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information.*

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## **Section 04 Information Technology**

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### *(04AP) Application Systems and Software*

#### *(04AP-01) Computer Aided Dispatch*

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**04AP-01-CADS System, Dispatch, Computer Aided**

*Description:* Computer software system(s) used to track and manage public safety incidents and resources.

*Applicable Grant Programs:* BZPP , EMPG , EOC , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , PSIC , SHSP , THSGP , UASI

*Grant Notes:* When utilizing FEMA program funds to build, upgrade, enhance, or replace communications and information systems, grantees and sub-grantees should develop a comprehensive interoperable communications plan before procurement decisions are made.

*Applicable TCL Numbers:* 2 , 8 , 15 , 19 , 23

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#### *(04AP-02) Position Locating Systems*

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**04AP-02-AVLS Systems, Automatic Vehicle Locating (AVL)**

*Description:* Automatic Vehicle Locating (AVL) Systems

*Applicable Grant Programs:* BZPP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2 , 8 , 9 , 14 , 16 , 19 , 22 , 24 , 27 , 30 , 32

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**04AP-02-DGPS Device, Global Positioning System (GPS)**

*Description:* Global Positioning System (GPS) receiving device, including self-contained handhelds, mobile mounted systems, and accessory devices to enable computers and communications devices.

*Applicable Grant Programs:* BZPP , CCP , EMPG , EOC , FRSGP , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 6 , 8 , 9 , 12 , 14 , 15 , 16 , 22 , 23 , 24 , 25 , 26 , 27 , 30 , 32 , 35

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**04AP-02-OAPT System, Operations Area Personnel Tracking and Accountability**

*Description:* Personnel tracking and accountability systems for use in an operations area, including both administrative tracking systems and precision locating and tracking systems.

*Applicable Grant Programs:* BZPP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2 , 6 , 8 , 9 , 14 , 16 , 22 , 23 , 24 , 27 , 30 , 32

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*Interactive versions of this list, including an integrated AEL/SEL display are available on-line at [www.rkb.us](http://www.rkb.us).*

(04AP-03) Geographical Information Systems (GIS)

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**04AP-03-GISD Data, Geospatial**

*Description:* Data related to positions on the Earth's surface in the form of databases, maps, satellite and other remote-sensing imagery. For use with Geospatial Information Systems (Item 04AP-04-GISS).

*Applicable Grant Programs:* BZPP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 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

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**04AP-03-GISS System, Geospatial Information (GIS)**

*Description:* Geospatial/Geographical Information Systems (GIS), including application software as well as integrated hardware for implementation. GIS systems support the acquisition, integration and dissemination of geospatial data and imagery. GIS systems provide or support multiple CBRNE terrorism prevention and response functions, including (but not limited to):- Geospatial Analysis - allows for association of intelligence and location-based information to perform complex analysis and visualization- Decision Support - provides a mechanism to deliver actionable intelligence, supporting strategic and tactical operations- Situational Awareness - supports a common operational picture with near real-time intelligence fused with geospatial information fully describing the area of operations in a spatial context- Navigation- Monitoring (tracking, weather, traffic, assets, environment, damage assessments, disease surveillance)- Modeling - combines complex spatial information and applies modeling tools to predict consequences of events in support of planning, mitigation, response and recovery- Mapping - presents fused information in a standard, distributable and easily recognizable format- Reporting (activity, after-action, alert-warning, location, situation, coverage portrayal)

*Applicable Grant Programs:* BZPP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 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

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(04AP-04) Risk Management Software

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**04AP-04-RISK Software, Risk Management**

*Description:* Software or systems that facilitate capture, quantification, and management of risk factors involved in specific tasks, environments, or programs.

*Applicable Grant Programs:* BZPP , EMPG , EOC , LETPA-SHSP , LETPA-UASI , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 3 , 10

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(04AP-05) Incident Management

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**04AP-05-CDSS Systems and Tools, ICS**

*Description:* Incident Command System (ICS) software including command/plans and decision-support tools. Also includes NIMS-compliant field incident management materials such as T-Cards and holders, specialized forms, etc.

*Applicable Grant Programs:* BZPP , CCP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 8 , 9 , 14 , 15 , 18 , 19 , 20 , 22 , 23 , 24 , 25 , 27 , 29 , 30 , 31 , 32 , 33 , 34

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Interactive versions of this list, including an integrated AEL/SEL display are available on-line at [www.rkb.us](http://www.rkb.us).

*Description:* Systems that provide interactive audio or audio-visual simulation of operational situations to support training, planning, or decision making.

*Applicable Grant Programs:* BZPP , CCP , EMPG , EOC , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 3 , 4 , 5 , 8 , 9 , 10 , 11 , 12 , 14 , 15 , 16 , 17 , 18 , 19 , 20 , 21 , 22 , 23 , 24 , 25 , 26 , 27 , 28 , 29 , 30 , 31 , 32 , 33 , 34 , 35

*Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information.*

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#### *(04AP-09) Notification and Warning Systems*

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##### **04AP-09-ALRT Systems, Public Notification and Warning**

*Description:* Systems used to alert the public of protective actions or to provide warning to the public in the event of an incident, such as sirens, the Emergency Alert System (EAS), and the Integrated Public Alert and Warning System (IPAWS).

*Applicable Grant Programs:* BZPP , EMPG , EOC , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , SHSP , THSGP , UASI

*Grant Notes:* Fees related to telecommunications services to support the system are the responsibility of the jurisdiction and are not allowable under this item.

When utilizing FEMA program funds to build, upgrade, enhance, or replace communications and information systems, grantees and sub-grantees should develop a comprehensive interoperable communications plan before procurement decisions are made.

*Applicable TCL Numbers:* 2 , 4 , 19 , 25 , 28

*Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information.*

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#### *(04HW) Hardware*

##### *(04HW-01) Computers*

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##### **04HW-01-HHCD Computing Device, Handheld**

*Description:* Handheld and "ultraportable" computing devices with connectivity. Includes a variety of platforms such as smart phones, netbooks, tablets, and pad devices.

*Applicable Grant Programs:* BZPP , CCP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , PSIC , SHSP , THSGP , UASI

*Grant Notes:*

*Applicable TCL Numbers:* 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 9 , 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

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##### **04HW-01-INHW Hardware, Computer, Integrated**

*Description:* Computer hardware and operating system software designated for use in an integrated system allowable under the indicated grant programs. Such systems include detection, communication, cybersecurity, logistical support and Geospatial Information Systems. This item may include networking hardware (routers, wireless access points, etc.), servers, workstations, notebook computers, and peripherals such as printers and plotters procured with an allowable system and necessary for its implementation.

*Applicable Grant Programs:* BZPP , CCP , DLSGP , EMPG , EOC , IBSGP , IBSGP , LETPA-SHSP , LETPA-UASI , MMRS , OPSG , PSGP , PSIC , SHSP , THSGP , UASI

*Grant Notes:* Only hardware procured as part of a system allowable under the indicated grant programs is allowable under this item.

*Applicable TCL Numbers:* 1 , 2 , 5 , 6 , 8 , 9 , 14 , 15 , 23 , 24 , 28

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*Interactive versions of this list, including an integrated AEL/SEL display are available on-line at [www.rkb.us](http://www.rkb.us).*

## Section 05 Cyber Security Enhancement Equipment

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### (05AU) Authentication Devices

(05AU-00) ...

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#### 05AU-00-BIOM Device, Biometric User Authentication

*Description:* Devices that utilize biometric characteristics (fingerprints, palm prints, retinal scanning, etc.) to authorize access to facilities and/or systems.

*Applicable Grant Programs:* BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2, 5, 6, 7, 8, 10

*Certain products in this category have been identified as requiring an Environmental and Historic Preservation (EHP) review. This does not apply to mobile and portable equipment, however all other items must be submitted for review. Please contact your assigned GPD Program Analyst or the Centralized Scheduling and Information Desk (CSID) at 1-800-368-6498 for further information.*

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#### 05AU-00-TOKN System, Remote Authentication

*Description:* System used to provide enhanced remote authentication, usually consisting of a server, some synchronization scheme, and a device or token.

*Applicable Grant Programs:* BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2, 5, 7, 8, 10, 28

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### (05EN) Encryption

(05EN-00) ...

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#### 05EN-00-ECRP Software, Encryption

*Description:* Encryption software for protecting stored data files or email messages.

*Applicable Grant Programs:* BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2, 5, 6, 7, 8, 9, 10, 22, 24, 30, 32

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#### 05EN-00-ETRN Encryption, Data Transmission

*Description:* A class of network access solutions, usually for remote access, that provide encrypted user access. May be used for remote access, point to point, or link encryption. Includes virtual private networks, and encrypted transmission modes such as SSH and SSL.

*Applicable Grant Programs:* BZPP, EMPG, EOC, IBSGP, IBSGP, LETPA-SHSP, LETPA-UASI, MMRS, OPSG, PSGP, PSIC, SHSP, THSGP, UASI

*Grant Notes:*

*Applicable TCL Numbers:* 2, 5, 6, 7, 8, 9, 10, 22, 24, 30, 32

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### (05HS) Host Level Security

(05HS-00) ...

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#### 05HS-00-FRNS Software, Forensic

*Interactive versions of this list, including an integrated AEL/SEL display are available on-line at [www.rkb.us](http://www.rkb.us).*