Mead & Hunt provides consulting services under SIN 871 7. This includes:

- **Construction Management** – construction, design, and management expertise to provide professional advice to the customer agency. Also serving as the principal agent to advise or manage the process over the project regardless of the project delivery method used. Construction management services include, but are not limited to, design phase support, procurement support, commissioning services, testing services, construction claims support and post-construction engineering services.

- **Engineering Consulting** – functions as an advisor to the government to assist with executing engineering tasks associated with real property. Engineering consulting services may include mechanical engineering, electrical engineering, fire protection engineering, forensic engineering, structural engineering, or any other specialized engineering consulting services that are utilized in regards to real property. Authorized engineering consulting tasks include design reviews, shop drawing reviews, submittal reviews, inspection and testing services, witnessing acceptance tests of equipment and systems, commissioning, modeling and analysis, loss investigation, facility surveys, safety evaluations, research studies, risk mitigation strategy development or reviews and other related technical consulting services.

- **Project Management** – managing projects and services as they relate to construction management or engineering consulting efforts.

- **Planning** – expertise ranges from small space utilization studies and area development plans to large installation development plans and joint land-use studies. Our skilled team provides comprehensive services in economic impact analyses, facility planning, geographic information systems, community planning, land use compatibility planning and master planning.
1a Table of Awarded SIN(s) with appropriate cross-reference to page numbers:
871-7/RC – Construction Management and Engineering Consulting Services

1b Identification of Lowest Priced Item: N/A

1c Hourly Rates & Labor Category Descriptions:
See GSA website listing located here.

2 Maximum Order: $1,000,000.00

3 Minimum Order: $100.00

4 Geographic Coverage: Worldwide

5 Point of Production: Same as company address

6 Discount: Government net prices (discounts already deducted). See GSA website listing located here.

7 Volume Discounts: 2% off each task order exceeding $250,000 and 3% off each task order exceeding $500,000.

8 Prompt Payment Terms: .5% - 10 Days; Net 30 days
Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9a Government Purchase Cards: Government Purchase Cards are accepted at or below the micro-purchase threshold.

9b Contract will not accept the Government Commercial Credit Card above the micro-purchase threshold.

10 Foreign Items: N/A

11 Time of Delivery:
  a. Normal: To be determined at the task order level
  b. Expedited:
  c. Overnight & 2-day delivery: Contact Contractor for Availability
  d. Urgent Requirements: Contact Contractor for Availability

12 FOB Point(s): Destination

13a Ordering Address: Same as Contractor address

13b Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs), are found in Federal Acquisition Regulation (FAR) 8.405-3.

14 Payment Address: Same as Contractor address

15 Warranty Provision: Standard Commercial Warranty

25 DUNS Number: 066862558

For terms and pricing, see GSA website listing located here.
HOW TO ACCESS THE MEAD & HUNT 871 SCHEDULE

The general steps for ordering services from the Mead & Hunt GSA Construction Management and Engineering Consulting Services are:

DEVELOP A STATEMENT OF WORK
Develop a statement of work for one or more of the services provided by Mead & Hunt under this contract. This statement should include, at a minimum, the work to be performed, location of the work, the period of performance, a schedule of deliverables, applicable standards, and any special requirements needed to complete the work.

DEVELOP A COST ESTIMATE
Develop a government cost estimate using your agency’s standard format.

REVIEW AVAILABLE INFORMATION
You can review information on potential contractors who can support your needs under their existing GSA contract at www.gsaadvantage.gov.

REQUEST A QUOTE
Issue a request for quote, which may include both technical and cost requirements, to at least three firms who hold the applicable GSA Schedule and have the proper qualifications for your task. The request should include the proposed scope of work and the time by which a response is required back by your agency.

DETERMINE BEST VALUE
Upon receipt of the quotes, determine which provides the best value for your requirements. In determining best value, you may take into consideration not only costs but also other relevant information such as technical expertise, special qualifications, and past performance.

ISSUE A TASK ORDER
Issue a task order to the firm determined to provide the best value and award the work under their existing GSA Schedule.

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system: http://www.gsaadvantage.gov
DESCRIPTION OF SERVICES

SIN 871 7 SERVICES

Construction Management and Engineering Consulting Services Related to Real Property Services provided under this SIN include construction management, engineering consulting, project management, and related professional services specifically pertaining to real property. The construction management approach utilizes one or more firms with construction, design, and management expertise to expand the customer agency’s capabilities, so that the agency can successfully accomplish its program or project. The contractor performing construction management services assumes the position of professional adviser to the customer agency. Customer agencies may utilize the construction manager as the principal agent to advise or manage the process over the project regardless of the project delivery method used. Construction management services include, but are not limited to, design phase support, procurement support, commissioning services, testing services, construction claims support, and post-construction engineering services.

The contractor performing engineering consulting services functions as an advisor to the government to assist with executing engineering tasks associated with real property. Engineering consulting services relating to real property include, but are not limited to, mechanical engineering, electrical engineering, fire protection engineering, forensic engineering, structural engineering, or any other specialized engineering consulting services that are utilized in regards to real property. Authorized engineering consulting tasks include design reviews, shop drawing reviews, submittal reviews, inspection and testing services, witnessing acceptance tests of equipment and systems, commissioning, modeling and analysis, loss investigation, facility surveys, safety evaluations, research studies, risk mitigation strategy development or reviews, and other related technical consulting services. The contractor performing engineering consulting services shall not perform the construction of real property, nor be a named party under the construction contract. Project management services relating to a construction management or engineering consulting effort are authorized.

“HIRE THIS FIRM! Truly an outstanding AE firm! ... Extremely responsive at addressing issues, adhered to an incredibly tight design schedule, and delivered well beyond my expectations. Knowledge of USAF facility requirements, processes and technical expertise are second to none.... Design sets the Wing standard for LEED compliance, architectural excellence and quality of work environment.”

Major Tim Riley
Fresno ANGB

“[They] provided exceptional A/E service for our Center Runway project. They went above and beyond to help us explore several different pavement options and develop an outstanding design.... Every aspect of the design process... [was] thoroughly and professionally completed... with complete consideration of the scheduling and requirement needs of the base. I highly recommend [them] for future contracts.”

Contracting Officer
Columbus AFB, Missouri

“The new Troop Training Quarters is an outstanding facility. We received overwhelmingly positive feedback from the visiting unit personnel who stayed in the facility. It greatly improved the quality of life of the airmen training on the installation.”

Lt Col Josiah Meyers, PE
Base Civil Engineer
Alpena Combat Readiness Training Center
CUSTOMER INFORMATION

WHO WE ARE
Mead & Hunt is an employee-owned architectural and engineering firm with over 500 professional, technical and support staff in more than 30 offices nationwide. We have been serving clients in both the public and private sectors since our founding in 1900.

INNOVATIVE
To meet our country’s aggressive and changing needs, Mead & Hunt is continually expanding to offer innovative engineering and design services to meet a multitude of challenges. Annually, we are nominated for and win, industry and trade awards for the creative solutions we provide clients.

RESPONSIVE
Effective and responsive service is what we provide. Strong two-way communication is imperative to the success of our projects. We place the utmost importance on listening to and understanding our clients’ needs; together, we determine the best possible solution. The depth of our staff allows us to complete many projects simultaneously and keep projects on schedule and budget.

ADAPTABLE
Mead & Hunt is a nimble organization, able to adapt to the changing world in order to remain a successful business.

GROWING
Mead & Hunt is one of the largest architectural and engineering firms in the nation. Our company has consistently been ranked as a top 500 A/E design firm in *Engineering News Record*, as well as “Top 20 in Airports,” “Top 50 in Transportation” and “Top 50 in Telecommunications”. In addition, Mead & Hunt is recognized on *The Zweig Letter* Hot Firm List as one of the top 100 fastest growing A/E firms and was previously designated as a “Five Year Climber”. Mead & Hunt also stands as one of the top 10 “Best civil engineering firm to work for” in the nation according to *CE News* magazine.

EXPERIENCED
Our record of successful project execution and ability to provide continuity and quality of service is important. Our multidiscipline teams provide top-of-the-line planning, engineering and scientific solutions for the most challenging projects. Mead & Hunt’s principals are highly qualified, dedicated and fully involved in providing experienced leadership in undertaking any project.

COMPANY AWARDS
- Mead & Hunt ranked No. 151 on the ENR Top 500 Design Firm list
- Zweig Group 2016 Hot Firm List
- #13 in the 2015 Zweig Group Multidiscipline Best Firms To Work For

RECENT PROJECT AWARDS
- “Quality in Construction” Award (for the Airfields Pavement category), National Asphalt Pavement Association’s (NAPA), Runway 13C/31C Reconstruction, Columbus AFB – Columbus, Mississippi
- Michigan Award of Excellence, Michigan Concrete Association, Repair Taxiways T08A & T1 OA, Michigan ANG Alpena CRTC – Alpena, Michigan
- 2016 Notable Documents Award, National Conference of State Legislatures – Legislative Research Librarians, *Statewide Historic Bridge Inventory*, Louisiana Department of Transportation Development – Statewide, Louisiana
- 2015 Award of Excellence, Carl Anderson Conservation Project Engineering Awards, Association of Conservation Engineers, *Montello Dam Reconstruction, Wisconsin Department of Natural Resources (WDNR)* – Montello, Wisconsin
- 2015 Best of State, Engineering Excellence Awards, ACEC Wisconsin, *Montello Dam Reconstruction, WDNR* – Montello, Wisconsin

“…consistent team focused on delivering a superior project within budget and on schedule. …Mead & Hunt’s airfield experience was essential to the completion of this successful project.”

Lt Col Dave Mack
Deputy Base Civil Engineer
Truax Field ANGB
PROJECT EXPERIENCE

REPAIR/RENOVATION OF BUILDING 29, JEFFERSON BARRACKS, MISSOURI AIR NATIONAL GUARD – ST. LOUIS, MISSOURI

Mead & Hunt assessed existing Jefferson Barracks facilities to determine the ability to reuse on-site buildings to accommodate the relocation of Air National Guard (ANG) units. Building 29, a registered historic, three-story structure plus basement, built in 1898, was the first selected for re-purposing. In addition to standard renovation, it was required to convert the open-bay barracks to an open-office administrative facility this included new elevator and egress, accessible restrooms, modern mechanical, plumbing and electrical systems. The project necessitated State Historic Preservation Office (SHPO) compliance, anti-terrorism/fire protection (AT/FP) upgrades per UFC 4-010-01, progressive collapse compliance and seismic compliance to UFC 3-310-04. The major alteration and repair provides 23,000-square-feet (sf) of new administrative space, as well as maintenance shop space in the basement. Fire protection was also added to meet the requirements of NFPA 70 and 101, and UFC 3-600-01. Mead & Hunt coordinated all engineering disciplines, including subconsultants, to provide seamless design package and contract documents.

Sustainable measures were incorporated into the design after validation of life-cycle analysis showed a 15-year pay back for energy efficient HVAC innovations and water conserving plumbing. This led to a safe and efficient reuse of a historic facility to perform for future generations while maintaining the original character of the building that is part of the Jefferson Barracks Historic District.

Numerous challenges were encountered and overcome during this project. Because of damage incurred at Lambert Field ANG Base at the St. Louis Airport, many units were in dire need of new homes. The project design was accelerated whenever possible, to expedite the completion of construction documents to meet funding deadlines.

In addition the project site is located near the New Madras Fault, and had significant requirements for seismic resistance. The design team was able to provide a structural steel skeleton capable of being constructed within the existing multistory unreinforced brick building to provide the code required seismic resistance. Along with the seismic requirements, the steel skeleton design was fine-tuned to also be capable of providing progressive collapse avoidance in compliance with UFCs 4-010-01 and 4-023-03. AT/FP requirements per UFC 4-010-01 were incorporated in the design, both in structural system capabilities, as well as in planning and layout of the exterior civil work and adjacencies.

SQUADRON OPERATIONS FACILITY REPLACEMENT, FRESNO YOSEMITE INTERNATIONAL AIR NATIONAL GUARD BASE (ANGB) – FRESNO, CALIFORNIA

Mead & Hunt completed the design and provided full-time on-site construction inspection for this new 23,300 sf building designed to LEED Gold standards. The 144th Fighter Wing (FW) and its subordinate Fighter Squadron use the building for staff training and flying mission preparations. Areas of the facility include JAFAN 6/9 secure area, flight planning, weather, dispatch, training, open and private office space, SIPR, aircrew life support, survival and equipment storage.

The building contains several classified areas: the 144th FW Command Post, the 144th FW Intelligence Division, an aircrew mission planning area, a Wing project office, three 250 sf aircrew briefing rooms and a 40 person main aircrew briefing room. The building also houses men's and women's aircrew locker rooms, an aircrew flight equipment locker room, aircrew flight management offices, squadron administrative offices, a visiting pilot's briefing room, the Operations and Weather Center, extensive audio-visual equipment, extensive pre-wired work stations and an 80 person auditorium.

Mead & Hunt provided the project programming, design, contract document and procurement support services for all disciplines of the project. Our team also provided construction administration services.

Sustainable features of this LEED Gold compliant design included a 48 kW roof mounted PV array; significant north facing windows and clearstories for high levels of natural light; highly efficient HVAC system resulting in a 40% energy savings over an ASHRAE 90.1 baseline building; over 75% of construction waste diverted from landfills; over 20% of recycled content in construction materials; and over 30% water savings from LEED baseline use. The fire protection and life safety was designed per NFPA 70, NFPA 101 and UFC 3-600-01. The project was limited to small, disadvantaged, HUB-zone contractors and was successfully bid and awarded just below the construction estimate.

A significant challenge of this project was the extremely constrained site and building could not meet AT/FP standoff distances for conventional construction. Detail blast and seismic analysis were performed with materials and reinforcement then optimized to meet both criteria. The result was a significantly smaller stand-off distance without an increase in the building’s structural costs.
RECONSTRUCT RUNWAY 13C/31C, COLUMBUS AIR FORCE BASE (AFB) – COLUMBUS, MISSISSIPPI

Runway 13C/31C is a 12,000-foot-long by 300-foot-wide asphalt/concrete runway, with 1,000-foot overruns located at each end. Since its original construction two 2-inch overlays, slurry sealing, and crack repairs have been completed on the asphalt portion. This project included the runway reconstruction of the entire asphalt portion with an overall dimension of 10,000-feet by 300-feet. As one of the busiest airfields in the Air Force (AF), the runway is critical to the base’s mission.

This included the removal and replacement of the existing asphalt section and underdrain system, placement of a new drainage layer within the proposed pavement section and the placement of the pavement section. Other elements of the project included remarking the entire runway, grooving the runway to help aid in surface drainage and removing rubber build-up from the remaining concrete portions.

Mead & Hunt assessed 12 pavement options and estimated each, including life-cycle costing, to aid the AF in the selection of the best pavements to meet mission and the budget - both construction and long-term O&M. The result was a full-concrete replacement. The contract was awarded within 1 percent of the estimate and resulted in zero cost increases (changes) during construction. To minimize runway closure a phasing plan was implemented to allow adjacent runways to remain in full operation reducing the actual construction to only six months.

To meet the desired construction award date an accelerated design schedule was satisfied with stringent quality management. Design submittals to the client resulted in very few comments with all deliverables meeting cost and schedule expectations, receiving an ACASS rating of “Exceptional”. Mead & Hunt coordinated all engineering disciplines including subconsultants to provide a seamless design package and contract documents.

Pre-construction phasing was specified and monitored by Mead & Hunt requiring all materials be staged, submittals approved, permits submitted, and mix designs and aggregates tested and approved before any construction began. Mead & Hunt staff attended the Omaha District pavement workshop, and provided four on-site construction inspectors throughout the six month construction period. In addition to documenting contractor compliance to the plans, specifications, and schedule, inspectors provided instant resolution of issues and provided daily progress status reports to the Government. As a result, the runway reopened on schedule and with zero cost change orders. We received a construction services ACASS rating of “Exceptional” as a result.

JOINT FORCE TRAINING BASE LOS ALAMITOS
INSTALLATION MASTER PLAN – LOS ALAMITOS, CALIFORNIA

As a task order under the California Military Department (CMD) Indefinite Delivery Indefinite Quantity (IDIQ), Mead & Hunt was selected to complete an Installation Master Plan (IMP) for Joint Force Training Base (JFTB) Los Alamitos. The goal of the CMD was to complete a compliant Unified Facilities Code (UFC) IMP as outlined in UFC 2-100-01 to accurately plan for future requirements at the Joint Multi-Use Training Installation. CMD was completing National Guard Bureau (NGB) requirements contained in NGB Policy Letter “Real Property Master Plans for Army National Guard Training Installations” for all training installations to have a compliant IMP NLT 1 May 2018. As part of this process, CMD wanted to update their Real Property Development Plan (RPDP) completed in 2010 that currently does not adequately reflect the future requirements of the installation.

Mead & Hunt began the JFTB IMP with a project initiation phase to accurately define the project scope and outline the key components used to develop the Master Plan. Key individuals were identified and interviewed to develop project goals with future meetings and milestones established to support the IMP process. As a result a detailed work plan, project schedule and outline of all project deliverables was developed.

Mead & Hunt performed the data collection and site analysis necessary to support the visioning plan of the IMP Process. By attaining and analyzing this data and conducting the site analysis necessary to support these types of requirements, Mead & Hunt was able to provide the CMD with the information necessary to support the IMP during the visioning charrette.

The visioning charrette helped to determine the basis of planning and concept development for development of an Installation Mission Statement. The development of the Installation Mission Statement is critical in the development of the IMP as it focuses on the future requirements of the installation to support a specific mission as different courses of action (COA) are developed. During the visioning charrette three COAs were developed and from those a preferred COA developed that integrated requirements for the entire installation.

The documented Master Plan contains an outline of the organizational structure and illustrative plan that provides a general overview of the IMP. It outlines the purpose and scope, planning process and planning assumptions used for the development of the IMP. This establishes the future standards and provides a plan for implementation to where the Installation is going in the future.
CUSTOMER INFORMATION

OFFICE LOCATIONS

Arizona
Bay Colony Executive Center East
8777 E Via de Ventura, Suite 398
Scottsdale, AZ 85258
707-526-5010

California
180 Promenade Circle, Suite 240
Sacramento, CA 95834
916-971-3961
133 Aviation Boulevard, Suite 100
Santa Rosa, CA 95403
707-526-5010
3200 E Guasti Road, Suite 100
Ontario, CA 91761
707-526-5010

Colorado
1743 Wazee Street, Suite 400
Denver, CO 80202
303-825-8844

Georgia
2011 Commerce Drive, Suite F101
Peachtree City, GA 30269
678-364-9738
*greater Atlanta metro area

Illinois
152 Ginger Hill Court
Glen Carbon, IL 62034
618-656-2848
*greater St. Louis metro area

Michigan
8288 S. Pleasantview Road
Harbor Springs, MI 49740
231-242-0069
2605 Port Lansing Road
Lansing, MI 48906
517-321-8334
102 W. Washington Street, Suite 213
Marquette, MI 49855
906-273-1568
715 Main Street
PO Box 65
Norway, MI 49870
906-563-1310
803 Willow Run Airport-West
Hangar #1 Room 402
Ypsilanti, MI 48198
313-348-7059
*greater Detroit metro area

Minnesota
7900 West 78th Street, Suite 370
Minneapolis, MN 55439
952-941-5619

North Carolina
227 West 4th Street
Charlotte, NC 28202
704-266-4865
127 West Hargett Street, Suite 504
Raleigh, NC 27601
919-714-8670

North Dakota
424 S 3rd Street, Suite 107
Bismarck, ND 58504
701-566-6448
8 Seventh Street North
Fargo, ND 58102
701-566-6450

Ohio
4700 Lakehurst Court,
Suite 110
Columbus, OH 43016
614-792-5900

Oklahoma
Cherry Street Building
1616 East 15th Street
Tulsa, OK 74120
918-585-8844
9600 NE Cascades Parkway,
Suite 100
Portland, OR 97220
503-548-1494

Oregon
476 Salty Way
Eugene, OR 97404
541-689-9997

South Carolina
878 South Lake Drive
Lexington, SC 29072
803-996-2900
1012 38th Avenue North, Suite 301
Myrtle Beach, SC 29577
843-839-1490
5955 Core Road, Suite 510
North Charleston, SC 29406
843-486-8330

Texas
8217 Shoal Creek Boulevard,
Suite 203
Austin, TX 78757
512-371-7690
959 Redcedar Way Drive
Coppell, TX 75019
360-600-6112
*greater Dallas metro area

Virginia
9100 Arboretum Parkway, Suite 350
Richmond, VA 23236
804-514-1653

Washington
1180 NW Maple Street, Suite 105
Issaquah, WA 98027
425-369-9004
*greater Seattle metro area

West Virginia
400 Tracy Way, Suite 200
Charleston, WV 25311
304-345-6712

Wisconsin
1345B North Road
Green Bay, WI 54313
920-496-0500
750 North Third Street
La Crosse, WI 54601
608-784-6040
2440 Deming Way
Middleton, WI 53562
608-273-6380
10700 West Research Drive, Suite 155
Wauwatosa, WI 53226-3458
262-790-0232
*greater Milwaukee metro area