

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 10	
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200569003	5. PROJECT NO. (If applicable) PCN: 99024		
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office, OP-ES-A Kennedy Space Center, FL 32899		7. ADMINISTERED BY (If other than Item 6) Same as block 6			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		9A. AMENDMENT OF SOLICITATION. X NNK16569003R
CODE		10A. MODIFICATION OF CONTRACT/ORDER NO.
FACILITY CODE		10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

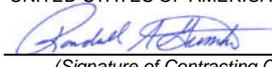
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is required to sign this document and return ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of Amendment 0001 is to:

- A. Update Davis Bacon Wages to FL160001 dated 01/15/2016, see attached.
- B. Provide Government answers to potential bidder's questions, see attached.
- C. All other terms and conditions remain unchanged.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Randall A. Gumke	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED January 20, 2016
(Signature of person authorized to sign)			

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General Decision Number: FL160001 01/15/2016 FL1

Superseded General Decision Number: FL20150001

State: Florida

Construction Types: Building, Heavy and Highway

County: Brevard County in Florida.

**CAPE CANAVERAL AIR STATION, PATRICK AIR FORCE BASE KENNEDY SPACE CENTER AND MALABAR RADAR SITE IN BREVARD COUNTY BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and partments up to and including 4 stories) HEAVY AND HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	01/15/2016

ASBE0067-001 03/01/2015

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings and finishings to all types of mechanical systems).....	\$ 25.70	13.39

ASBE0067-002 07/01/2014

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging, and disposing of all insulation		

materials from mechanical systems, whether they contain asbestos or not).....\$ 15.95 9.75

BOIL0433-001 01/01/2015

	Rates	Fringes
BOILERMAKER.....	\$ 26.72	20.63
All other work.....	\$ 26.72	20.63

BRFL0008-001 04/01/2015

	Rates	Fringes
BRICKLAYER (BRICKLAYERS, BLOCKLAYERS, PLASTERERS, TERRAZZO WORKERS, TILE SETTERS AND CEMENT MASONS)		
COMMERCIAL.....	\$ 20.00	5.85
INDUSTRIAL.....	\$ 23.00	5.85

INDUSTRIAL work includes: Bulk plants, power houses, chemical plants, missile sites including all work at Cape Canaveral Air Force Station and Kennedy Space Flight Center.

CARP1000-001 07/01/2014

	Rates	Fringes
MILLWRIGHT.....	\$ 29.48	12.40

* CARP1905-002 06/01/2014

	Rates	Fringes
Carpenters:		
*INDUSTRIAL:		
CARPENTERS.....	\$ 25.25	7.55
PILEDRIVERMEN.....	\$ 21.75	8.65
COMMERCIAL:		
CARPENTERS.....	\$ 22.46	8.05
PILEDRIVERMEN.....	\$ 21.75	8.65

ELEC0222-001 09/01/2014

	Rates	Fringes
Line Construction:		
CABLE SPLICER.....	\$ 33.76	5.00+24%
GROUNDMAN.....	\$ 18.33	5.00+24%
LINEMAN; HEAVY EQUIPMENT OPERATOR.....	\$ 32.15	5.00+24%

ELEC0756-001 08/31/2015

	Rates	Fringes
Electricians:		

Cable Splicer.....	\$ 25.29	10.60
Wireman.....	\$ 26.29	10.93

* ELEV0139-001 01/01/2016

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 39.36	29.985

FOOTNOTE:

A. Employer contributions 8% of regular hourly rate to vacation pay credit for employee who has worked in business more than 5 years; Employer contributions 6% of regular hourly rate to vacation pay credit for employee who has worked in business less than 5 years.

Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; The Friday after Thanksgiving Day; and Christmas Day.

ENGI0673-001 05/01/2013

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 26.30	10.85
GROUP 2.....	\$ 24.14	10.85
GROUP 3.....	\$ 23.00	10.85
GROUP 4.....	\$ 20.36	10.85

POWER EQUIPMENT OPERATORS

CLASSIFICATIONS GROUP 1: Tower Crane, Locomotive Crane, Crawler Crane, Truck Crane, Hydro Crane, Piledriver (including auger and boring machine)

GROUP 2: Mechanic/Welder and operators of: Gantry Crane, Bridge Crane, Clam Shell, Dragline, Backhoe, Gradeall, Grader, Sideboom Cat, Multi-Drum Hoist, Highlift (10' or higher), Locomotive Engineer, Tugboat Captain (150 hp or more), Concrete Pump with boom

GROUP 3: Bulldozers, Forklifts, Straddle Buggy, Single Drum Hoist, Winch Truck, Trenching Machine, Concrete Paver, Scraper, Loader, Asphalt Paving Machine, Lubricating Engineer, Fireman, Concrete Breaking Machine, Concrete Mixer

GROUP 4: Tractors, Wellpoint System Operator and Installer, Air Compressor, Pulver Mixer, Motor boat, Power Boat, Power Sweeper, Welding Machine, Oiler, Mechanic's Helper, Pump, Conveyor, Roller, Watertruck, Asphalt distributor, Concrete Pump (trailer type), Utility Operator

IRON0808-001 02/01/2015

	Rates	Fringes
IRONWORKER.....	\$ 24.78	11.95

LABO0517-001 05/01/2014

	Rates	Fringes
Laborers:		
Asbestos Abatement, Hazardous and Toxic Waste Removal Laborers; (On all mechanical systems: Lead Base Paint Removal; pipes, boilers, ducts, flues, breechings, ect.; that are going to be scrapped, the removal of all insulating materials whether they contain asbestos or not shall be the exclusive work of the laborers;.....\$ 18.60		6.45
Carpenter Tender, Cement Mason Tender, Block/ Bricklayer Tender		
Plasterer Tender.....\$ 18.35		6.45
Demolition Laborers.....\$ 18.35		6.45
General Laborer.....\$ 18.35		6.45
Pipelayer Laborer, Laborer engaged in the pouring of concrete, mortar mixers, masonry forklift operator, and operation of power tools.....\$ 18.35		6.45

PAIN0078-001 07/01/2014

	Rates	Fringes
GLAZIER.....\$ 22.00		8.45

PAIN0078-002 08/01/2014

	Rates	Fringes
PAINTER.....\$ 24.00		11.05

PLUM0295-001 01/01/2015

	Rates	Fringes
Plumber/Pipefitter/Steamfitter INDUSTRIAL: Bulk Plants, Power-houses, Chemical Plants, Missile Sites, (Including all Work at Cape Canaveral Air Force Station and Kennedy Space Flight Center but excluding work performed at Patrick Air Force Base and Malabar Radar Site),		

Oil Refineries, etc., and
such other work which is
related to and considered
a part of the above type
projects.....\$ 33.00 16.07
Schools, Hospitals,
Shopping Centers, and work
not listed as Industrial....\$ 33.00 16.07

ROOF0006-001 08/01/2013

	Rates	Fringes
Roofer.....	\$ 19.45	7.31

SFFL0821-002 01/01/2015

	Rates	Fringes
SPRINKLER FITTER		
Commercial.....	\$ 26.33	17.37
Industrial.....	\$ 28.53	17.37

Industrial: Jobs covering sugar mills, power plants, trash
burning plants, military installations and Cape Kennedy. All
other work shall be commercial rate.

SHEE0015-001 12/01/2013

	Rates	Fringes
SHEET METAL WORKER.....	\$ 24.12	13.95

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Unlisted classifications needed for work not included within
the scope of the classifications listed may be added after
award only as provided in the labor standards contract clauses
(29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification
and wage rates that have been found to be prevailing for the
cited type(s) of construction in the area covered by the wage
determination. The classifications are listed in alphabetical
order of "identifiers" that indicate whether the particular
rate is a union rate (current union negotiated rate for local),
a survey rate (weighted average rate) or a union average rate
(weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

NNK16569003R – Reinforce Catacomb Roof for SLS Block 1B Vehicle, LC 39B, PCN: 99024

A. ANSWERS TO BIDDERS QUESTIONS:

1. **REFERENCE:** Drawings 79K39871, General

QUESTION: Are we allowed to drill anchors for fall protection devices into the ceilings and remove and patch upon completion?

RESPONSE: Installation of a temporary fall protection system may be acceptable and would require a plan review and approval prior to construction.

2. **REFERENCE:** Drawing 79K39871, Sheet S-004, Section C

QUESTION: We will be saw cutting kerfs into the ceiling per details shown, however, is it acceptable to saw cut the ceiling in up to 3 places along each beam, just enough to allow for pump hose insertion above the form? We will repair along with the kerfs upon completion.

RESPONSE: Additional selective demolition may be acceptable and would require documentation review and approval prior to construction.

3. **REFERENCE:** Specification 79K39872, Division 033000 Concrete, Paragraph 3.10.2.8 Testing Concrete Structure for Strength and Paragraph 3.11.1 Sampling.

QUESTION: Paragraph 3.10.2.8 states, “When there is evidence that strength of concrete structure in place does not meet specification requirements or there are non-conforming materials, make cores drilled from hardened concrete for compressive strength determination in accordance with ASTM C42/C42M , and as follows: Take at least three representative cores from each member or area of concrete-in-place that is considered potentially deficient. Location of cores will be determined by the Contracting Officer. Test cores after moisture conditioning in accordance with ASTM C42/C42M if concrete they represent is more than superficially wet under service. Air dry cores, (60 to 80 degrees F with relative humidity less than 60 percent) for 7 days before test and test dry if concrete they represent is dry under service conditions.” Paragraph 3.11.1 states, “Proof load test a random sample of at least 6 of the installed overhead adhesive anchors per beam for the first 6 beams to be constructed after the full cure time has elapsed for the epoxy (i.e. the #6 rebar stirrups). If no more than one of the tests fail, one proof load test thereafter shall be performed for each beam to be constructed. The testing shall be accomplished such that a minimum of 3 proof load tests are performed on the adhesive anchors installed for each of the contractor's installer personnel. Should more than one proof load test fail, a random sample of 10% of the installed overhead adhesive anchors for the entire project scope shall be tested at no additional cost to the Government. If more than 10% of the tested anchors fail to achieve the specified proof load, all of the overhead anchors shall be tested, at no additional cost to the Government, unless

otherwise instructed by the Contracting Officer.”

Do you have a recent overhead anchor pull test performed in the catacombs that validate the overall structural integrity of the existing concrete in place?

RESPONSE: No recent overhead anchor pull tests have been performed in the east/west catacombs.

4. REFERENCE: Specification 79K39872, Division 033000 Concrete, Paragraph 3.11.2.1 Proof Load Test

QUESTION: It states, “A proof load of 10,000 lbs shall be applied in direct tension to the adhesive anchor (torque testing shall not be permitted). The proof load shall be applied using an unconfined test assembly. Proof load testing shall be performed by an independent testing laboratory which is acceptable to the CO. Testing shall be performed in accordance with ASTM E4BB with the proof load applied using a calibrated hydraulic ram and maintained for a minimum of 10 seconds. The Government's or Government's Representative special inspector shall be present to witness the proof load tests. For acceptance of the anchor being tested, there shall be less than 1/16" movement under the sustained load. Should any anchor fail to pass the proof load test, the Contractor shall submit a plan for remediation which is acceptable to the Contracting Officer (CO) and any corrective actions shall be made at no additional cost to the Government. A final report documenting the proof load tests performed and the correction of any discrepancies shall be submitted to the CO upon project completion.

Would the engineer please provide a remediation repair detail for an anchor that fails the proof load test?

RESPONSE: As required in the referenced specification section, the contractor is to propose a remediation plan. This plan needs to be specific to the failed anchor and specific to the failure mechanism realized. This plan(s) will require review and approval prior to implementation.

5. REFERENCE: General

QUESTION: Are there any additional photos available of the work area other than what is included with the package?

RESPONSE: No, there are no additional photos available of the work area other than those included in the package.

//////////////////////////////////////END OF QUESTIONS AND RESPONSES//////////////////////////////////////