
USACE / NAVFAC / AFCEC UFGS-01 50 00 (November 2020)
Change 2 - 08/22

Preparing Activity: USACE Superseding
UFGS-01 50 00 (May 2018)
UFGS-01 50 00.05 20 (November 2007)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated April 2025

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SECTION 01 50 00

TEMPORARY CONSTRUCTION FACILITIES AND CONTROLS, AND MISCELLANEOUS PROVISIONS 11/20, CHG 2: 08/22

NOTE: This specification covers the requirements for temporary construction facilities, safety systems, construction traffic provisions, construction signage and controls over Contractor operations required for use in all projects.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable item(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

Comments, suggestions and recommended changes for this guide specification are welcome and should be submitted as a Criteria Change Request (CCR).

This guide specification includes tailoring for ARMY, NAVY, AIR FORCE, NAVFAC ML, NAVFAC FE, NAVFAC LANT, NAVFAC PAC, NAVFAC HAWAII, NAVFAC SE and NAVY DESIGN-BUILD projects. Where an Editor's Note states a paragraph is tailored for a Service or project type, the content of the paragraph, or a portion of the paragraph, is suited specifically to be included only for that Service or project type.

PART 1 GENERAL

NOTE: To download UFGS Forms, Graphics, and Tables, go to: <http://www.wbdg.org/ffc/dod/unified->

facilities-guide-specifications-ufgs/forms-graphics-tables

On the drawings, show:

1. Location of temporary buildings and storage areas, if specified;
2. Location of temporary utility connections, if specified.

1.1 REFERENCES

NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a Reference Identifier (RID) outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 70 (2026) National Electrical Code

NFPA 241 (2022; ERTA 22-1) Standard for Safeguarding Construction, Alteration, and Demolition Operations

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1 (2024) Safety -- Safety and Occupational Health (SOH) Requirements

1.2 SUBMITTALS

NOTE: Review submittal description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list, and corresponding submittal items in the text, to reflect only the submittals required for the project. The Guide Specification technical editors have classified those items that

require Government approval, due to their complexity or criticality, with a "G." Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item, if the submittal is sufficiently important or complex in context of the project.

For Army projects, fill in the empty brackets following the "G" classification, with a code of up to three characters to indicate the approving authority. Codes for Army projects using the Resident Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy and Air Force projects.

The "S" classification indicates submittals required as proof of compliance for sustainability Guiding Principles Validation or Third Party Certification and as described in Section 01 33 00 SUBMITTAL PROCEDURES.

Choose the first bracketed item for Navy and Air Force projects, or choose the second bracketed item for Army projects.

Government approval is required for submittals with a "G" or "S" classification. Submittals not having a "G" or "S" classification are for information only. When used, a code following the "G" classification identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Construction Site Plan; G

Haul Road Plan; G

1.3 CONSTRUCTION SITE PLAN

Prior to the start of work, submit for Government approval a site plan showing the locations and dimensions of temporary facilities to be used by Contractor, and access and haul routes, avenues of ingress/egress to the fenced area and details of the fence installation. Identify any areas which may have to be graveled to prevent the tracking of mud. Indicate if the use of a supplemental or other staging area is desired. Show locations of safety and construction fences, site trailers, construction entrances, trash dumpsters, temporary sanitary facilities, and worker parking areas.

PART 2 PRODUCTS

2.1 TEMPORARY SIGNAGE

2.1.1 Bulletin Board

Prior to the commencement of work activities, provide a clear weatherproof covered bulletin board not less than 915 by 1220 mm in size for displaying the Safety and Health Information as required by EM 385-1-1 and other information approved by the Contracting Officer. Coordinate requirements herein with 01 35 26 GOVERNMENTAL SAFETY REQUIREMENTS. Locate the bulletin board at the project site in a conspicuous place easily accessible to all employees, and in location as approved by the Contracting Officer. Upon completion of work the bulletin board shall be removed by and remain the property of the Contractor.

2.1.2 Project Identification Signs

Provide a Construction Project Identification Sign and a Safety Performance Sign fabricated to size and design in accordance with EP 310-1-6a which is attached at the end of this section. No separate payment will be made for the sign, and all costs in connection therewith shall be included in the contract price for the project. Upon completion of work under this contract, the signs shall be removed from the Government-controlled land and remain the property of the Contractor.

2.1.3 Warning Signs

Post temporary signs, tags, and labels to give workers and the public adequate warning and caution of construction hazards according to the EM 385-1-1. Attach signs to the perimeter fencing every 150 feet warning the public of the presence of construction hazards. Signs must require unauthorized persons to keep out of the construction site. Correct the data required by safety signs daily. Post signs at all points of entry designating the construction site as a hard hat area.

2.1.4 Perspective(s)

When a project rendering in the form of a computer-generated image is available from the design agent, the Contractor shall also provide (from the image) a colored perspective of the new building(s)/facilities to be constructed under this contract similar in size to the Project Sign Board. The perspective(s) shall include site work and visible utility systems within the project site. The perspective(s) shall be fabricated with similar materials, in same sizes, of project signboard and the sign face shall be non-reflective vinyl or equal, colors as required, and placed in the vicinity of project signboard(s) at each project site.

2.2 TEMPORARY TRAFFIC CONTROL

2.2.1 Haul Roads

At the contractor's own expense, construct access and haul roads necessary for proper prosecution of the work under this Contract in accordance with EM 385-1-1. Construct with suitable grades and widths; avoid sharp curves, blind corners, and dangerous cross traffic. Submit [haul road plan](#) for approval. Provide necessary lighting, signs, barricades, and distinctive markings for the safe movement of traffic. The method of dust control, must be adequate to ensure safe operation at all times.

Location, grade, width, and alignment of construction and haul roads are subject to approval by the Contracting Officer. Lighting must be adequate to assure full and clear visibility for full width of haul road and work areas during any night work operations. Upon completion of the work, haul roads designated by the Contracting Officer shall be removed.

2.2.2 Barricades

Erect and maintain temporary barricades to limit public access to hazardous areas. Barricades are required whenever safe public access to paved areas such as roads, parking areas or sidewalks is prevented by construction activities or as otherwise necessary to ensure the safety of both pedestrian and vehicular traffic. Securely place barricades clearly visible with adequate illumination to provide sufficient visual warning of the hazard during both day and night.

2.3 TEMPORARY WIRING

Provide temporary wiring in accordance with EM 385-1-1, NFPA 241 and NFPA 70. Include monthly inspection and testing of all equipment and apparatus.

PART 3 EXECUTION

**NOTE: Delete inapplicable paragraphs, selecting
desired options for electricity, water, gas, heating
and ventilating, sanitary, and fire protection
facilities.**

3.1 EMPLOYEEEG

3.1.1 Identification of Employee

The Contractor shall be responsible for furnishing to each employee, and for requiring each employee engaged on the work to display, identification as approved and directed by the Contracting Officer. Prescribed identification shall immediately be delivered to the Contracting Officer for cancellation upon release of any employee. Contractor and subcontractor personnel shall wear identifying markings on hard hats clearly identifying the company for whom the employee works.

3.1.2 Employee Parking

Contractor employees shall park privately owned vehicles in an area designated by the Contracting Officer. This area will be within reasonable walking distance of the construction site. Contractor employee parking shall not interfere with existing and established parking requirements of the government installation.

3.2 AVAILABILITY AND USE OF UTILITY SERVICES

3.2.1 Temporary Utilities

Provide temporary utilities required for construction. Materials may be new or used, must be adequate for the required usage, not create unsafe conditions, and not violate applicable codes and standards.

3.2.2 Payment for Utility Services

[3.2.2.1 Utility Services at Area I, Area II, and Air Bases except Osan Air Base

**NOTE: Use this paragraph for projects located in
Area I, Area II, and all the Air Bases except Osan
Air Base.**

The Government will make all reasonably required utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The Contractor shall provide and maintain necessary temporary connections and meters required to measure the amount of each utility service. Upon completion of the work, remove temporary connections and restore to the original conditions or better as approved by the Contracting Officer. The Contractor shall carefully conserve any utilities furnished without charge.

] [3.2.2.2 Utility Services at Osan Air Base

**NOTE: Use this paragraph for projects located in
Osan Air Base.**

The Government will make all reasonably required utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The Contractor shall provide and maintain necessary temporary connections and meters required to measure the amount of each utility service. Upon completion of the work, remove temporary connections and restore to the original conditions or better as approved by the Contracting Officer. The amount of each utility service consumed will be charged to the Contractor at prevailing rates charged to the Government at the time of contract award.

The Contractor shall install meters for electricity and water usage of their field offices, storages, and other temporary facilities as well. Meters shall be approved by BCE Project Inspector before the installation and shall be inspected by BCE Project Inspector after the installation.

BCE will calculate the cost of utility charge and provide Line of Accounting (LoA) to the contractor for the payment to the government. Contractor shall pay their utility cost in cash or check to 51st Comptroller Squadron (CPTS).

] [3.2.2.3 Utility Services at USAG Humphreys (Area III) and USAG Daegu (Area IV)

**NOTE: Use this paragraph for projects located in
USAG-Humphreys (Area III) and USAG-Daegu (Area IV).**

The Government will make all reasonably required utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The Contractor shall provide and maintain necessary temporary connections and meters required to measure the amount of each utility

service. Upon completion of the work, remove temporary connections and restore to the original conditions or better as approved by the Contracting Officer. The amount of each utility service consumed will be charged to the Contractor at prevailing rates charged to the Government or at reasonable rates determined by the Contracting Officer.

]3.2.3 Telephone

Make arrangements and pay all costs for telephone facilities desired.

3.2.4 Fire Protection

Provide temporary fire protection equipment for the protection of personnel and property during construction. Remove debris and flammable materials daily to minimize potential hazards.

3.3 STATION OPERATION AFFECT ON CONTRACTOR OPERATIONS

NOTE: Use this paragraph on all projects involving potential conflicts with operating conditions other than utilities or where the work must be pursued in a particular sequence. Clearly detail the permissible extent of sequencing or duration of interruptions to station operation. Obtain information from the Government.

[3.3.1 Restricted Access Areas

The Government will monitor work in areas [listed below][indicated]. Notify Contracting Officer at least 14 calendar days prior to starting work in these areas.

[].

]3.4 PROTECTION AND MAINTENANCE OF TRAFFIC

During construction, provide access and temporary relocated roads as necessary to maintain traffic. Maintain and protect traffic on all affected roads during the construction period except as otherwise specifically directed by the Contracting Officer. Measures for the protection and diversion of traffic, including the provision of watchmen and flagmen, erection of barricades, placing of lights around and in front of equipment and the work, and the erection and maintenance of adequate warning, danger, and direction signs, shall be as required by the local authorities having jurisdiction. The traveling public shall be protected from damage to person and property. The Contractor's traffic on roads selected for hauling material to and from the site shall interfere as little as possible with public traffic. Investigate the adequacy of existing roads and the allowable load limit on these roads. The Contractor shall be responsible for the repair of any damage to roads caused by construction operations.

3.4.1 Dust Control

Dust control methods and procedures must be approved by the Contracting Officer. Coordinate dust control methods with 01 57 19 TEMPORARY ENVIRONMENTAL CONTROLS.

3.5 CONTRACTOR'S TEMPORARY FACILITIES

Contractor is responsible for security of their property. Provide adequate outside security lighting at the temporary facilities. Trailers must be anchored to resist high winds and meet applicable state or local standards for anchoring mobile trailers. Coordinate anchoring with EM 385-1-1. The Contract Clause entitled "FAR 52.236-10, Operations and Storage Areas" and the following apply:

3.5.1 Administrative Field Offices

Provide and maintain administrative field office facilities within the construction area at the designated site. Government office and warehouse facilities will not be available to the Contractor's personnel.

In the event a new building is constructed for the temporary project field office, it must be a minimum 3.6 m in width, 5 m in length and have a minimum of 2.1 m headroom. Equip the building with approved electrical wiring, at least one double convenience outlet and the required switches and fuses to provide 110-120 volt power. Provide a work table with stool, desk with chair, two additional chairs, and one legal size file cabinet that can be locked. The building must be waterproof, supplied with a heater, have a minimum of two doors, electric lights, a telephone, a battery-operated smoke detector alarm, a sufficient number of adjustable windows for adequate light and ventilation, and a supply of approved drinking water. Provide approved sanitary facilities. Screen the windows and doors and provide the doors with deadbolt type locking devices or a padlock and heavy-duty hasp bolted to the door. Door hinge pins must be non-removable. Arrange the windows to open and to be securely fastened from the inside. Protect glass panels in windows by bars or heavy mesh screens to prevent easy access. In warm weather, provide air conditioning capable of maintaining the office at 50 percent relative humidity and a room temperature 11 degrees C below the outside temperature when the outside temperature is 35 degrees C. Unless otherwise directed by the Contracting Officer, remove the building from the site upon completion and acceptance of the work.

3.5.2 Storage Area

Construct a temporary 1.8 m high chain link fence around trailers and materials. Include plastic strip inserts, colored [green][brown], so that visibility through the fence is obstructed. Fence posts may be driven, in lieu of concrete bases, where soil conditions permit. Do not place or store trailers, materials, or equipment outside the fenced area unless such trailers, materials, or equipment are assigned a separate and distinct storage area by the Contracting Officer away from the vicinity of the construction site but within the installation boundaries. Trailers, equipment, or materials must not be open to public view with the exception of those items which are in support of ongoing work on the current day. Do not stockpile materials outside the fence in preparation for the next day's work. Park mobile equipment, such as tractors, wheeled lifting equipment, cranes, trucks, and like equipment within the fenced area at the end of each work day.

Keep fencing in a state of good repair and proper alignment. If the Contractor elects to traverse grassed or unpaved areas which are not established roadways with construction equipment or other vehicles, cover the grassed or unpaved areas with a layer of gravel as necessary to

prevent rutting and the tracking of mud onto paved or established roadways; gravel gradation must be at the Contractor's discretion.. Mow and maintain grass located within the boundaries of the construction site for the duration of the project. Grass and vegetation along fences, structures, under trailers, and in areas not accessible to mowers must be edged or trimmed neatly.

3.5.3 Supplemental Storage Area

NOTE: Use the second set of brackets for projects located in Osan Air Base and USAG-Daegu. Use the first set of brackets for all others.

[Upon request, and pending availability, the Contracting Officer will designate another or supplemental area for the use and storage of trailers, equipment, and materials. This area may not be in close proximity of the construction site but will be within the installation boundaries. Maintain the area in a clean and orderly fashion and secured if needed to protect supplies and equipment. Utilities will not be provided to this area by the Government.][Government will not provide supplemental storage area. The Contractor shall provide supplemental storage area off-base at their own cost as necessary.]

3.5.4 Appearance of Trailers

Trailers which are rusted, have peeling paint or are otherwise in need of repair will not be allowed on Installation property. Trailers must present a clean and neat exterior appearance and be in a state of good repair.

3.5.5 Toilet Facility

Government toilet facilities will not be available to Contractor's personnel. Provide temporary toilet facility for use of his personnel. The toilet facility shall be constructed to approved size and design shown on shop drawings where directed. Upon completion of the contract, such facility shall be disposed of by the Contractor outside the limits of Government-controlled land and at his responsibility and expense.

3.6 GOVERNMENT FIELD OFFICE

NOTE: Use this paragraph for ARMY and AIR FORCE. Do not use for NAVY projects. This paragraph is tailored for ARMY and AIR FORCE.

3.6.1 Resident Engineer's Office

Provide the Government Resident Engineer with an office, approximately 19 square meters in floor area, located where directed and providing space heat, air conditioning unit, electric light and power. At completion of the project, the office will remain the property of the Contractor and be removed from the site. Utilities must be connected and disconnected in accordance with local codes and to the satisfaction of the Contracting Officer. Compliance with safety and appearance requirements for temporary facilities stated in previous paragraphs is required.

3.6.2 Trailer-Type Mobile Office

The option is available to, furnish and maintain a trailer-type mobile office acceptable to the Contracting Officer to meet the requirements of the minimum facilities specified above. Securely anchor the trailer to the ground at all four corners to guard against movement during high winds. Coordinate requirements for proper anchoring with EM 385-1-1.

3.7 PLANT COMMUNICATIONS

Whenever the individual elements of the plant are located so that operation by normal voice between these elements is not satisfactory, install a satisfactory means of communication, such as telephone or other suitable devices and make available for use by Government personnel.

3.8 TEMPORARY PROJECT SAFETY FENCING

As soon as practicable, but not later than 15 days after the date established for commencement of work, furnish and erect temporary project safety fencing at the work site. Safety fencing shall be a high visibility orange colored, high density polyethylene grid or approved by the Contracting Officer, a minimum of 1.1 m high, supported and tightly secured to steel posts located on maximum 3 m centers, constructed at the approved location. Maintain the safety fencing during the life of the Contract and, upon completion and acceptance of the work, remove from the work site.

3.9 CLEANUP

Remove construction debris, waste materials, packaging material and the like from the work site daily. Any dirt or mud which is tracked onto paved or surfaced roadways must be cleaned away. Store all salvageable materials resulting from demolition activities within the fenced area described above or at the supplemental storage area. Neatly stack stored materials not in trailers, whether new or salvaged.

3.10 RESTORATION OF STORAGE AREA

Upon completion of the project and after removal of trailers, materials, and equipment from within the fenced area, remove the fence. Restore areas used during the performance of the Contract to the original or better condition. Remove gravel used to traverse grassed areas and restore the area to its original condition, including top soil and seeding as necessary.

3.11 MISCELLANEOUS PROVISIONS

3.11.1 Written Communications in English

All submittals required under this contract, including but not limited to, safety hazard analysis plans and quality control plans, all correspondence of any nature whatsoever, and all other written communications, documents, drawings, reports, etc., of every description, shall be written in English or translated into English, before being provided to the Government by the Contractor.

3.11.2 Work Schedule

Contracting Officer shall be notified at least 14 days prior to initiating

any work on any buildings and/or facilities, and unless otherwise directed or approved, complete all work on any building before starting work on another. A plan or schedule of work shall be submitted for approval.

3.11.3 Interference with Government Operations

Establish work procedures and methods to avoid interference with existing operations within or adjacent to the construction area. Free passage into adjoining or adjacent buildings not in the contract will not be permitted except as approved by the Contracting Officer. Procedures and methods shall also provide for safe conduct of work and protection of property which is to remain undisturbed.

3.11.4 Protection of Personnel and Existing Facilities

Take all measures necessary, including erecting temporary partitions, as directed, to prevent injury to personnel and damage to existing facilities. In addition, where building is being utilized, temporary by-pass utility lines shall be provided if and as directed.

3.11.5 Utility Outage

NOTE: Use bracketed items in accordance with the requirements by the local authorities having jurisdiction.

- a. USAG Humphreys (Area III): 21 days for all utilities outages**
- b. Osan Air Base: 30 days for all utilities outages**
- c. Air Bases except Osan: 14 days for all utilities outages**
- d. USAG Daegu (Area IV): 14 days for all utilities outages**
- e. Other Bases and Camps: 25 days for electrical power outage and not less than 7 days for other utility outages**

Interruptions to existing utilities shall be held to a minimum. Outages to facilitate connections to existing systems shall be scheduled to take place during "OFF PEAK" periods, or during periods of minimum demand. Submit a planned schedule of outages to the Contracting Officer for proper coordination with existing facilities, and notify the Contracting Officer in writing not less than [25 days for electrical power outage and not less than 7 days for other utility outages][30 days for all utilities outages][21 days for all utilities outages][14 days for all utilities outages], in advance of the intended interruptions. No utility outage will be permitted until the Contractor receives written approval from the Contracting Officer.

3.11.6 Protection from Freezing during Construction

Buildings to be constructed or rehabilitated under this contract for which interior heating is required have been designed for the complete heated condition with regard to interior elements including slabs on grade and thickened slab foundations for interior partitions. If freezing temperatures occur during the construction or rehabilitation of buildings for a duration likely to cause frost penetration to depths below that of

capillary water barrier or non-frost susceptible material indicated on the drawings or specified, take acceptable measures to prevent this occurrence. Protective measures shall be appropriate to the stage of construction and projected duration of the freezing hazard.

3.11.7 Sample Panels

- a. Construct a sample panel on the site where directed, after material is approved. The sample panel shall show or include items as appropriate to this contract such as: concrete footing, masonry, perimeter insulation, capillary water barrier, vapor barrier, concrete floor slab with reinforcing mesh, steel door frame-half section, window with sill, exterior insulation and finish system, electrical junction boxes, pipe sleeve, glazed ceramic wall tile, ceramic mosaic floor tile, vinyl composition tile, cove base, dampproofing, metal studs/furrings, mineral fiber insulation with vapor barrier and gypsum wall board. Plate #1 shows the required panel size and layout. Protect the panel from the weather and construction operations in an acceptable manner. Sample panel shall not be built in or be a part of the structure, unless approved by the Contracting Officer.
- b. The sample panel is to be used for the Contractor to demonstrate acceptable workmanship. The materials to be installed in the sample panel should be equivalent to materials installed under the contract. The erection or installation in the structure of any items to be shown on the sample panel shall not be permitted until acceptable workmanship has been established on the panel and accepted. Panel shall not be removed until all related construction is complete.
- c. The Contractor may be requested to establish in the sample panel acceptable workmanship on any feature similar in nature to those listed herein, but not expressly stated, that is applicable to this contract at no additional cost.

3.11.8 Asbestos-Containing Material (ACM)

Asbestos-Containing Material (ACM) shall not be used on any project. ACM is material containing more than 1% asbestos by weight, either alone or mixed with other fibrous or non-fibrous materials. The Contractor shall certify at time of final payment that neither the Contractor nor any of its sub-contractors has used ACM in the project.

3.11.9 FED Cornerstone

NOTE: Use this paragraph for FED projects.

For all new building construction, a FED cornerstone shall be installed when requested by the Contracting Officer. Location of cornerstone shall be designated by the Contracting Officer. The cornerstone will be made available to the Contractor at the office of the Resident Engineer.

3.11.10 Corner Brass Plate

NOTE: Use this paragraph for ROKFC In-Kind projects.

For all new building construction, for ROKFC/ROKFC In-Kind project, a corner brass plate shall be placed. The actual size and location of the corner brass plate shall be determined by the Using Agency and Far East District (Contracting Officer). Shop drawing shall be submitted for approval. Drawing showing elevation of plate, dimensions, details, shape and thickness or material, and details of construction. The sample brass plate is shown on the attached sheet.

3.11.11 Warranty of Construction

**NOTE: Use the first set of brackets for FED
projects and the second set of brackets for ROKFC
In-Kind projects.**

[The warranty of construction shall be in accordance with FAR 52.246-21.

][In addition to any other warranties in this contract, the Contractor warrants that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier. This warranty shall continue for a period of one year from the date of final acceptance of the work, but with respect to any part of the work which the Government takes possession of prior to final acceptance, this warranty shall continue for a period of one year from the date the Government takes possession. Under this warranty, remedy at the Contractor's expense any failure to conform, or any defect. In addition, remedy at the Contractor's expense any damage to Government-owned or controlled real or personal property, when that damage is the result of the Contractor's failure to conform to contract requirements; or any such defect of equipment, material, workmanship, or design furnished. Restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced shall run for one year from the date of repair or replacement. The Contracting Officer will notify the Contractor in writing, within a reasonable time after the discovery of any failure, defect, or damage. If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government will have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense. In addition to the other rights and remedies provided by this clause, all subcontractors', manufacturers', and suppliers' warranties expressed or implied, respecting any work and materials shall, at the direction of the Government, be enforced by the Contractor for the Government. In such case if the Contractor's warranty above has expired, any suit directed by the Government to enforce a subcontractor's, manufacturer's or supplier's warranty shall be at the expense of the Government. Obtain any warranties which the subcontractors, manufacturers, or suppliers would give in normal commercial practice. If directed by the Contracting Officer, require any warranties to be executed in writing to the Government. Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the Government nor for the repair of any damage that results from any defect in Government furnished material or design. The warranty shall not limit the Government's rights under the Inspection and Acceptance clause of this contract with respect to latent defects, gross mistakes, or fraud.

]3.11.12 Base Civil Engineer Work Clearance (AF Form 103)

**NOTE: Include this paragraph for Osan Air Base
projects only.**

The Contractor shall have responsibility to physically take the subject
form to all required agencies for signitures. A template with locations
and phone numbers for the point of contact will be provided upon request.

-- End of Section --