

\*\*\*\*\*  
DEPARTMENT OF THE ARMY 01600.TD  
U.S. ARMY CORPS OF ENGINEERS -----

GUIDE SPECIFICATION FOR MILITARY CONSTRUCTION

\*\*\*\*\*

\*\*\*\*\*  
NOTE: This section was last modified by C. Diven,  
Nov 03, to add editing note and requirements for  
Tinker AFB.

\*\*\*\*\*  
SECTION 01600

MATERIAL AND EQUIPMENT

PART 1 GENERAL

\*\*\*\*\*  
NOTE: Use the following paragraph for Civil Works  
projects only.

\*\*\*\*\*

1.1 EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE

Allowable cost for construction and marine plant and equipment in sound workable condition owned or controlled and furnished by a Contractor or Subcontractor at any tier shall be based on actual cost data when the Government can determine both ownership and operating costs for each piece of equipment or equipment groups of similar serial and series from the Contractor's accounting records. When both ownership and operating costs cannot be determined from the Contractor's accounting records, equipment costs shall be based upon the applicable provisions of EP 1110-1-8, "Construction Equipment Ownership and Operating Expense Schedule," Region VI, which may be obtained from the U.S. Government Printing Office. Working conditions shall be considered average for determining equipment rates using the schedule unless specified otherwise by the Contracting Officer. For equipment not included in the schedule, rates for comparable pieces of equipment may be used or a rate may be developed using the formula provided in the schedule. For forward pricing, the schedule in effect at the time of negotiations shall apply. For retrospective pricing, the schedule in effect at the time the work was performed shall apply.

Equipment rental costs are allowable, subject to the provisions of FAR 31.105(d)(2)(ii) and FAR 31.205-36 substantiated by certified copies of paid invoices. Rates for equipment rented from an organization under common control, lease purchase or sale lease back arrangements will be

determined using the schedule except that rental costs leased from an organization under common control that has an established practice of leasing the same or similar equipment to unaffiliated lessees are allowable. Costs for major repairs and overhaul are unallowable.

When actual equipment costs are proposed and the total amount of the pricing action is over \$25,000, cost or pricing data shall be submitted on Standard Form 1411, "Contract Pricing Proposal Cover Sheet." By submitting cost of pricing data, the Contractor grants to the Contracting Officer or an authorizing representative the right to examine those books, records, documents, and other supporting data that will permit evaluation of the proposed equipment costs. After the price agreement, the Contractor shall certify that the equipment costs or pricing data submitted are accurate, complete, and current.

\*\*\*\*\*  
**NOTE: USE THE FOLLOWING PARAGRAPH FOR WORK AT  
TINKER AFB, OK (TAFB SECTION 00700, 5/02)**

\*\*\*\*\*  
1.2 INVENTORY OF DISCONNECTED/REMOVED PROPERTY

The Contractor shall compile a list of equipment or units of equipment disconnected or removed under the terms of this contract that require electrical power or fuel, or may require removal or replacement such as AHU's, fans, air conditioners, compressors, condensers, boilers, thermal exchangers, pumps, cooling towers, tanks, fire hydrants, sinks, water closets, lavatories, urinals, shower stalls, and any other large plumbing fixtures, light fixtures, number of sprinkler heads, number of detection heads, CO<sub>2</sub> and manual systems, etc. The list shall include, on each applicable item, the following:

- Description
- Manufacturer
- Model or Catalog Number
- Serial Number
- Input (Power, Voltage, BTU, etc.)
- Output (Power, Voltage, BTU, Tons, etc.)
- Size or Capacity (Tanks)
- The number of each installed
- The unit cost per item
- Any other data necessary to describe the item

Upon completion of construction, and prior to final inspection, the Contractor shall submit to the Contracting Officer two copies of the inventory of disconnected/removed property. Final acceptance will not be accomplished until the inventory of disconnected/removed property has been received and approved.

\*\*\*\*\*  
**USE THE FOLLOWING PARAGRAPH IN ALL ARMY AND AIR  
FORCE CONTRACTS.**

\*\*\*\*\*

### 1.3 INVENTORY OF INSTALLED PROPERTY

A list shall be made of equipment or units of equipment that require electrical power, water, or fuel, or that may require periodic or eventual removal or replacement. Such items shall include, but not limited to, air handling units; fans; air conditioners; compressors; condensers; boilers; thermal exchangers; pumps; cooling towers; tanks; fire hydrants; large plumbing fixtures such as sinks water closets, lavatories, urinals, and showers; fire suppression systems (sprinkler heads by type, etc.); and light fixtures. The list shall be kept up to date as items are installed or claimed for payment as material on hand. The list will be reviewed periodically by the Government to ensure completeness and accuracy. Partial payment may be withheld for equipment not incorporated in the list at the discretion of the Contracting Officer. The list shall include on each item as applicable: description, manufacturer, model or catalog No., serial No., input (power, voltage, BTU, tons, etc.), size or capacity (e.g. tanks), installation location, net inventory costs; any other data necessary to describe item. Final list shall be turned over to the Contracting Officer 60 days prior to prefinal inspection.

### 1.4 SCRAP MATERIAL

Materials specified to be removed and become the property of the contractor are designated as scrap, and the bidder should make due allowance in his bid for the value, if any, of such scrap.

### 1.5 MATERIALS FROM GOVERNMENT-OWNED AREAS

Subsequent to contract award, the Contractor may investigate Government-owned areas, not reserved for other purposes, [and except in Osage County,] as potential sources of construction materials to be used only under this contract by him or by his subcontractors. Permission for the use of such additional sources shall be within the discretion of the Contracting Officer only, and if granted, shall be accomplished by separate negotiations in the form of a Change to this contract. It is understood, however, that the Government does not guarantee the availability of such additional sources nor the permission for use of same, if available, and therefore, the successful bidder's plan of operations should not include or be conditioned upon the prospective use of such additional sources. In the production of aggregate (sand or gravel), stone or riprap, or other materials from designated Government-owned land to satisfy the requirements of this contract, any excess materials which are produced by the Contractor over and above requirements for the work will become the property of the Government. Such materials will be left in the stockpiles or wasted in the designated waste areas as normal cleanup, as directed by the Contracting Officer. No materials produced from Government-owned land may be sold by the Contractor except where another Government contract provides for obtaining of material from the Government-owned land. Such sale of materials shall be subject to the approval of the Contracting Officer.

\*\*\*\*\*  
**USE THE FOLLOWING PARAGRAPH WHEN  
GOVERNMENT-FURNISHED PROPERTY WILL BE FURNISHED  
FROM STORAGE ON THE BASE. SPECIFY LOCATION OF  
STORAGE.**

\*\*\*\*\*

1.6 IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (APR 1984) (FAR 52.245-3)

The Government will furnish to the Contractor the following property to be incorporated or installed in the work or used in its performance. Such property will be furnished from storage at the project site and the Contractor will be required to load and transport the property to the jobsite at his own expense. All such property will be installed or incorporated into the work at the expense of the Contractor, unless otherwise indicated herein. The Contractor shall verify the quantity and condition of such Government furnished property when delivered to him, acknowledge receipt thereof in writing to the Contracting Officer, and in case of damage to or shortage of such property, he will within 24 hours report in writing such damage or shortage to the Contracting Officer.

Quantity	Item	Description
----------	------	-------------

\*\*\*\*\*

USE THE FOLLOWING PARAGRAPH WHEN  
GOVERNMENT-FURNISHED PROPERTY WILL BE FURNISHED  
F.O.B. SPECIFY PICK-UP LOCATION.

\*\*\*\*\*

1.7 IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (APR 1984) (FAR 52.245-3)

a. The Government will furnish to the Contractor the property identified in the Schedule to be incorporated or installed into the work or used in performing the contract. The listed property will be furnished f.o.b. truck at the project site. The Contractor is required to accept delivery, pay any demurrage or detention charges, and unload and transport the property to the jobsite at its own expense. When the property is delivered, the Contractor shall verify its quantity and condition and acknowledge receipt in writing to the Contracting Officer. The Contractor shall also report in writing to the Contracting Officer within 24 hours of delivery any damage to or shortage of the property as received. All such property shall be installed or incorporated into the work at the expense of the Contractor, unless otherwise indicated in this contract.

b. Each item of property to be furnished under this clause shall be identified in the Schedule by quantity, item, and description.

Quantity	Item	Description
----------	------	-------------

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION (NOT APPLICABLE)

-- End of Section --