
USACE / NAVFAC / AFCEC / NASA UFGS-01 22 00.00 10 (August 2015)

Preparing Activity: USACE Superseding
UFGS-01 22 00.00 10 (April 2006)

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated April 2016

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PRICE AND PAYMENT PROCEDURES 08/15

NOTE: This guide specification provides an example of the appropriate form to be used in developing a project specification covering lump sum schedule payment items and unit price schedule payment items. This section was originally developed for and is recommended to be included in all Civil Works projects. Parts of this section are shown for illustration purposes only and the section must be extensively edited to fit the job.

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 items(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).

PART 1 GENERAL

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 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.

ASTM INTERNATIONAL (ASTM)

ASTM A615/A615M	(2015a; E 2015) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
ASTM C127	(2015) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate
ASTM C128	(2015) Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Fine Aggregate
ASTM D1250	(2008) Standard Guide for Use of the Petroleum Measurement Tables

1.2 SUBMITTALS

NOTE: Review submittal description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project.

The Guide Specification technical editors have designated 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 submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation 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, Air Force, and NASA projects.

An "S" following a submittal item indicates that the submittal is required for the Sustainability Notebook to fulfill federally mandated sustainable requirements in accordance with Section 01 33 29 SUSTAINABILITY REPORTING.

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

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for [Contractor Quality Control approval.][information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] Submittals with an "S" are for inclusion in the Sustainability Notebook, in conformance to Section 01 33 29 SUSTAINABILITY REPORTING. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-03 Product Data

Weight Certificates

1.3 SINGLE JOB PAYMENT ITEMS

NOTE: A letter from the OFFICE OF THE UNDER SECRETARY OF DEFENSE dated October 3, 2011, SUBJECT: Contract Line Item Pricing Integrity, states, "No contract action should be issued using 'lump sum' or 'dollars' as a unit of measure." Replace LUMP SUM with JOB in all UFGS sections for DoD Contracts.

NOTE: The number and identification of single job payment item(s) is primarily a Construction Division concern. Generally, it is better to keep the number of single job payment items to a minimum. The description of the work included in a payment item is unique for each job and must be developed for each construction contract. For bracketed items, choose applicable item(s) or insert appropriate information.

Payment items for the work of this contract for which contract job payments will be made are listed in the [BIDDING] [PRICING]PROPOSAL SCHEDULE and described below. All costs for items of work, which are not specifically mentioned to be included in a particular job or unit price payment item, are included in the listed job item most closely associated with the work involved. The job price and payment made for each item listed constitutes full compensation for furnishing all plant, labor, materials, and

equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for which separate payment is not otherwise provided.

1.3.1 Mobilization and Demobilization

NOTE: If mobilization and demobilization costs are expected to be a minor cost under the contract, this clause and payment item should be deleted.

1.3.1.1 Payment

Payment will be made for costs associated with mobilization and demobilization, as defined in Special Clause PAYMENT FOR MOBILIZATION AND DEMOBILIZATION.

1.3.1.2 Unit of Measure

Unit of measure: job.

1.3.2 Structure No. 1

1.3.2.1 Payment

Payment will be made for costs associated with operations necessary for construction of the structure at Station XX+XX.

1.3.2.2 Unit of Measure

Unit of measure: job.

1.3.3 Structure No. 2

1.3.3.1 Payment

Payment will be made for costs associated with operations necessary for construction of the structure at Station YY+YY.

1.3.3.2 Unit of Measure

Unit of measure: job.

1.4 UNIT PRICE PAYMENT ITEMS

NOTE: Unit price payment items should be used only where appropriate under the guidance of Federal Acquisition Regulation (FAR) Part 36 - Construction and Architect-Engineer Contracts paragraph 36.207.

The Unit Price payment items shown below are for illustration purposes only. Unit price payment item language must be written specifically for each job. Unit price payment item language appropriate for inclusion below is contained in guide specification sections and must be moved to this

section to develop the pay items for the project.

Payment items for the work of this contract on which the contract unit price payments will be made are listed in the [BIDDING] [PRICING] PROPOSAL SCHEDULE and described below. The unit price and payment made for each item listed constitutes full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, tests and reports, and for performing all work required for each of the unit price items.

1.4.1 Excavation

**NOTE: Modify this paragraph if Section 02 61 13
EXCAVATION AND HANDLING OF CONTAMINATED MATERIAL is
used. For bracketed items, choose applicable
item(s) or insert appropriate information.**

1.4.1.1 Payment

Payment will be made for costs associated with excavation [for the channel][and][for the structure], which includes performing required excavation and other operations incidental thereto, Contractor-furnished disposal area(s) and disposition of excess excavated material and unsuitable and frozen materials.

1.4.1.2 Measurement

The total quantity of excavated material for which payment will be made will be the theoretical quantity between the ground surface as determined by a survey and the grade and slope of the theoretical cross sections indicated. No allowance will be made for overdepth excavation or for the removal of any material outside the required slope lines unless authorized.

1.4.1.3 Unit of Measure

Unit of measure: cubic meter yard.

1.4.2 M 90 Riprap

**NOTE: This example was taken from Section 35 31 19
STONE, CHANNEL, SHORELINE/COASTAL PROTECTION FOR
STRUCTURES.**

1.4.2.1 Payment

Payment will be made for costs associated with furnishing, transporting, stockpiling (if applicable), placing, and constructing the stone protection as specified.

1.4.2.2 Measurement

Measure riprap for payment by the ton (metric) (2,000 pounds) by weighing each truckload to the nearest 0.1 ton, and the final quantity of [each

truckload] [the whole sum] is rounded to the nearest whole ton. Weigh the riprap for payment on approved scales before being placed in the work. Quarry weights will not be accepted. Use scales of sufficient length to permit simultaneous weighing all axle loads. Scales must be inspected, tested and sealed as directed to assure accuracy with 0.5 percent throughout the range of the scales. Certify scales located at the site of the work as to accuracy by an acceptable scales company representative prior to weighing any riprap. Scales will be checked and certified before riprap hauling and rechecked and recertified whenever a variance is suspected. Furnish the scales. If commercial scales are readily available in close proximity, 15 kilometers 10 miles of site of work, the Contracting Officer may approve the use of the scales. Weigh riprap in the presence of the Government representative. The Contracting Officer may elect to accept certified weight certificates furnished by a public weighmaster in lieu of scale weights at the jobsite.

1.4.2.3 Unit of Measure

Unit of measure: ton (metric) (2,000 pounds).

1.4.3 Deformed Steel Bars for Concrete Reinforcement

NOTE: This example was taken from Section
03 20 00.00 10 CONCRETE REINFORCING.

1.4.3.1 Payment

Payment will be made for costs associated with furnishing, transporting, delivering, and placing deformed steel bars for concrete reinforcement, which includes steel in laps as indicated or as required. No payment will be made for the additional steel in laps which are authorized for the convenience of the Contractor. No separate payment will be made for accessories; include payment in the contract unit price for the items of work to which the accessories are incidental.

1.4.3.2 Measurement

The measured lengths of deformed steel bars for concrete reinforcement will be converted to weights for the size of bars listed by the use of the nominal weights per lineal meter foot specified in ASTM A615/A615M.

1.4.3.3 Unit of Measure

Unit of measure: per kilogram pound in place.

1.4.4 Bituminous Base Course

NOTE: Paragraph UNIT PRICES of Section 32 11 26
BITUMINOUS BASE COURSE was edited to develop this
example.

1.4.4.1 Payment

Payment will be made for costs associated with bituminous base course, which includes preparing and reconditioning the underlying layer, and other

incidentals necessary to complete the work required by Section 32 11 26 BITUMINOUS BASE COURSE. No payment will be made for defective areas until corrected.

1.4.4.2 Measurement

Bituminous Base Course will be measured for payment based upon the number of tons (metric) (2,000 pounds) of bituminous mixture used in the accepted work. Weigh the bituminous mixture after mixing, no deductions will be made for the weight of bituminous material incorporated in the mix. Quantities of paving mixtures called for in bid schedule are based on aggregates having a specific gravity of 2.65 as determined according to apparent specific gravity paragraphs in ASTM C127 and ASTM C128. Correct the tonnage of bituminous base course mixtures to compensate for the difference in the tonnage of mixtures used in the project, when specific gravities of aggregates used are more than 2.70 and less than 2.60. The tonnage paid for is the number of tons used, proportionately corrected for specific gravities using 2.65 as the base correctional factor.

1.4.4.3 Unit of Measure

Unit of measure: ton (metric) (2,000 pounds).

1.4.5 Bituminous Materials

NOTE: Paragraph UNIT PRICES of Section 32 11 26
BITUMINOUS BASE COURSE was edited to develop this
example.

1.4.5.1 Payment

Payment will be made for costs associated with bituminous materials.

1.4.5.2 Measurement

Bituminous materials will be measured for payment based upon the number of [liters gallons of the material used in the accepted work, corrected to [_____] liters gallons at 15 degrees C 60 degrees F in accordance with ASTM D1250.][tons (metric) (2,000 pounds) of the material used in the accepted work.]

1.4.5.3 Unit of Measure

Unit of measure: [liters gallons][tons (metric) (2,000 pounds)].

[1.5 CONTAMINATED SOIL REMOVAL

Payment items for the work of this contract on which the contract unit price payments will be made are listed in the [PRICING] [BIDDING]PROPOSAL SCHEDULE and described below. The unit price and payment made for each item listed must constitute full compensation for furnishing all plant, labor, materials, and equipment, and performing any associated Contractor quality control, environmental protection, meeting safety requirements, [tests and reports,] and for performing all work required for each of the unit price items.

1.5.1 Unit of Measure

Unit of measure: cubic meter yard.

]1.6 DREDGING

NOTE: Modify this paragraph if SECTION 35 20 23
DREDGING is used.

Payment will be made at the contract lump sum job price and must constitute full compensation for performing all dredging, disposal, [and ice and snow removal], stockpiling, and replacement. Payment will be in accordance with above paragraph, SINGLE JOB PAYMENT ITEMS. In no case will payment be made for material removed from below the maximum pay-line or outside the dredging prism as indicated.

]PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

[Not Used]3.1 CONTRACT COST BREAKDOWN

The Contractor must furnish within 30 days after the date of Notice to Proceed, and prior to the submission of its first partial payment estimate, a breakdown of its single job pay item or items which will be reviewed by the Contracting Officer as to propriety of distribution of the total cost to the various accounts. Any unbalanced items as between early and late payment items or other discrepancies will be revised by the Contracting Officer to agree with a reasonable cost of the work included in the various items. This contract cost breakdown will then be utilized as the basis for progress payments to the Contractor.

] -- End of Section --