



JCR-CD-21
Page 1 of 3

BASIS OF PAYMENT FOR CAISSONS

RECOMMENDATION:

Division 2 of the specifications should provide the following basis of payment for caissons. The following sample format shall be included in the bid form under unit prices.

Base Bid \$_____ Lump Sum
(Base Bid includes _____)

CAISSON UNIT PRICES

ADD

DEDUCT

SHAFTS:

GREATER DEPTHS (not exceeding 10' below bottom design elev.) per cu. yd. \$_____

LESSER DEPTHS per cu. yd. \$_____

ADDITIONAL YARDAGE (for shafts exceeding design depth by 10' or more) per cu. yd. \$_____

CAISSONS ADDED per cu. yd. \$_____

INCREASE SHAFT DIAMETER (before caisson is excavated) per cu. yd. \$_____

BELLS:

(Quote following units, only if bells are shown)

GREATER BELL VOLUME per cu. yd. \$_____

LESSER BELL VOLUME per cu. yd. \$_____

(Quote following units, only if no bells are shown)

BELLS ADDED per cu. yd. \$_____

This recommendation, while not mandatory, is the diligent work of a committee which is drawn from a cross section of the construction industry represented by architects and general contractors. The committee presents this recommendation with the expectation that it will be adhered to voluntarily.



JCR-CD-21
Page 2 of 3

BASIS OF PAYMENT FOR CAISSONS (Continued)

ADD

DEDUCT

2" TEST HOLES:

(Quote following units, only if test holes are called for)

TEST HOLES IN EXCESS OF THAT
CALLED FOR

per L.F. \$ _____

TEST HOLES LESS THAN THAT
CALLED FOR

per L.F. \$ _____

(Quote following units, only if no holes are called for_

TEST HOLES ADDED

per L.F. \$ _____

ROCK EXCAVATION:

(Quote following units, only if rock excavation
is included in the Base Bid)

GREATER OR LESSER ROCK EXCAVATION,
Drilling with rock augers.

Add or Deduct per cu. yd. \$ _____

GREATER OR LESSER ROCK EXCAVATION,
Other, Add or Deduct

per cu. yd. \$ _____

(Quote following units, only if no rock
excavation is included in the Base Bid.)

ROCK EXCAVATION, Drilling
with rock augers.

per cu. yd. \$ _____

ROCK EXCAVATION, Other

per cu. yd. \$ _____



JCR-CD-21
Page 3 of 3

BASIS OF PAYMENT FOR CAISSONS (Continued)

COMMENTS:

- A. The specifications should state the minimum weight requirements for the drilling machine, kelly bar and hydraulic crowd system that will be accepted on the project and extra compensation for rock excavation should not be approved, or paid, unless the work is performed with drilling equipment equal to or greater than specified.
- B. Rock should be defined as any material or obstruction that can't be drilled with the drilling equipment specified when equipped with a normal earth auger.
- C. Rock excavation volume should be paid for, at the unit prices quoted, as an extra cost over the Base Bid and other unit prices.
- D. The payment volume should be based on the design caisson shaft volume from the point of earth auger refusal, including any voids and softer materials that may be intermixed with obstruction to the depth that satisfactory bearing is reached or until the obstruction is cleared.

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End of JCR-CD-21