



**TOWN OF STRATFORD
BID #2014-013**

**ADDENDUM #1
Issued 2/26/14**

Beach Sand

The following specs and bid sheet replace the original documents.

Michael Bonnar, Purchasing Agent

Town of Stratford
Beach Sand Specification for Short Beach

This is a bid to furnish and deliver sand to Short Beach, 1 Dorne Drive, Stratford, Connecticut. The sand is required to meet the following specification. The Town of Stratford retains the rights to reject any Bids at its sole discretion, if it determines that the lowest Bidder is not the lowest responsible Bidder or if the Bid is not responsive to the request for Bids. The winning Bidder must be able to demonstrate that the material is suitable for use as beach sand, the material is readily available and the Bidder can deliver the material to the site within thirty (30) days. The Town of Stratford reserves the right to inspect the material prior to awarding the Bid.

1. DESCRIPTION

The work to be performed under this item consists of furnishing all labor, materials and equipment for supplying sand delivered to Short Beach located at 1 Dorne Drive, Stratford, Connecticut as specified herein and directed by the Engineer.

2. ORDER OF WORK

The contractor shall start and complete the work in such order of precedence as may be prescribed by the Engineer.

3. REFERENCES

ASTM D 422 Method for Particle-Size Analysis of Soils

ASTM D 854 Specific Gravity of Soils

ASTM D 2487 Classification of Soils for Engineering Purposes

4. MATERIALS

4.1 – Beach Sand: The dry beach sand material furnished by the contractor shall be processed or unprocessed bank run sand or beach sand free of roots, organic matter, frozen lumps, trash or other debris. The sand shall not have more than 10% mica or other flakes; and shall be free of friable particles. In addition, the soil furnished shall satisfy the following:

4.1.2 The soil particles shall be angular to sub-rounded and classified SW.

4.1.3 The minimum specific gravity of soil particles shall be 2.65 (ASTM D 854)

4.1.4 The grain size shall satisfy the following (ASTM D 422):

SPECIFICATIONS FOR DRY BEACH SAND NOURISHMENT	
U.S. Standard (Sieve size)	% Fine by (Weight)
3/8	100
4	100-80
10	80-50
40	50-20
100	20-0
200	2-0

4.2 Prior to any dry sand being delivered, the Contractor shall submit laboratory certification that the soil proposed for use as beach fill materials satisfies the minimums stated herein before. In addition, the contractor shall deliver a representative sample (10 lbs. min.) to the Town of Stratford.

4.2.1 Gradation curves and computation sheets shall also be included with the certification.

4.2.2 The Contractor shall submit certification for each 1,000 cubic yards delivered or for each change of material source for either a new pit face or a new pit.

4.2.3 The Contractor shall provide certification that the dry sand used is free of contaminants: PCB's, dioxins, hydrocarbons, or other toxic chemicals.

5. PLACEMENT OF SAND FILL

The dry sand fill shall be placed on the beach at a location to be determined by the Town Engineer. Hours of Delivery will be 7:30 am to 3:00 pm Monday through Friday. The Contractor shall deposit dry sandfill piles at an area as directed by the Town of Stratford prior to the commencement of the project.

6. MEASUREMENT and PAYMENT

6.1 Measurements for furnishing dry beach sand for final payment shall be based on the number of tons of dry sand delivered and placed on the site. The Contractor shall present a weight ticket to the person in charge of the grading operation, and any material delivered to the site that does not have a matching ticket presented to the Town shall not be paid for. The contractor shall not exceed the amount of material as authorized under this bid.

6.2 Payment for dry beach sand will be made at the contract unit price for Item Beach Sand which shall be full compensation for all testing, furnishing all sand, and performing all work in connection thereto.

7. LENGTH of CONTRACT

7.1 Unit Prices quoted in this bid shall be in effect for 1 year from the date of Bid Opening.

8. ADDITIONAL MATERIALS TO BE SUPPLIED

8.1 If the Town of Stratford so desires it may order additional material up to 5,000 tons of sand, to be included in this bid and delivered within the time specified in Item 7.1 stated above.

9. WATER CONTENT OF SAND

The Town of Stratford will monitor delivered Beach Sand for water content. Material data sheets indicate that dry sand weighs 2,700 lbs. per cubic yard, while wet sand can weigh as much as 3,500 lbs. per cubic yard. The variation that the Town of Stratford will accept is 10% of dry weight or 270 lbs. /cubic yard. Any sand delivered that is above this variation will be deducted at a rate of \$3.00 per ton for all of the loads delivered on the day in question.

**TOWN OF STRATFORD
BID SHEET**

BID #2014-013

DESCRIPTION: Beach Sand

Sand is to be delivered to Short Beach, at 1 Dorne Drive, Stratford, CT 06615

Price per cubic yard includes delivery and is to be good for one (1) year as additional quantities are needed.

Estimated purchase: 2,200 tons

Price per cubic yard: \$ _____

References in at least three other municipalities:

(include contact name and phone)

Bidders Name: _____

Address: _____

Phone : _____ Date : _____

Authorized Signature : _____

Printed Name: _____

Title : _____

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