



City of East Providence

DEPARTMENT OF PUBLIC WORKS

Engineering Division

CITY HALL

145 TAUNTON AVENUE

EAST PROVIDENCE, RHODE ISLAND 02914-4505

**ITB: SAND, GRAVEL, FILL MATERIAL, LOAM, AND WASHED CRUSHED ANGULAR
STONE**

BID NO. EP19/20-24

SPECIFICATIONS

A. PURPOSE

The purpose of this request for bids is to establish a price contract for the purchase of various materials by the City, meeting the following specifications.

B. CONTRACT PERIOD

Contract shall be for a period of one (1) year commencing November 1, 2020 and expiring October 31, 2021.

**It is further agreed, that the bid prices shall remain firm commencing with the fully executed contract date and expiring on October 31, 2021.

C. MATERIALS & QUANTITIES

Quantities as hereinafter listed are approximate only. Contract or Contracts shall be for the actual quantities ordered by the City during the contract period, whether more or less than quantities shown.

<u>ITEMS</u>	<u>ESTIMATED QUANTITY</u> <u>(TONS)</u>
1. Screened Sand	5,000
2. Subbase Gravel	300
3. Base Course Gravel	3,000
4. Crushed Stone	500
5. 1.5 in-3/4 in.	1,500

	Washed Crushed Angular Stone	
6.	3/8" Peastone	250
7.	Fill Material	250
8.	Unscreened Loam	250
9.	Screened Loam	4,750
10.	Blue Stone Dust	250
11.	Mason Sand (Brick Sand)	250
12.	Rip Rap	200 yards

D. MATERIALS

1. SCREENED SAND shall be washed, clean, uniformly graded and having not more than 10% passing a #200 mesh sieve and free from loam, roots, sod, or other foreign or deleterious matter.
2. SUBBASE GRAVEL shall contain no stone whose diameter is over 8". At least 50% by weight of the gravel shall be of sizes retained upon a 1/4" sieve. Not over 35% of the particles passing a 1/4" sieve shall pass a number 40 sieve. Not more than 10% of the particles passing a 1/4" sieve shall pass a number 200 sieve.
3. BASE COURSE GRAVEL shall conform to the following:

<u>PERCENT PASSING</u>	
2" sieve.....	100
1" sieve.....	55-85
3/4" sieve.....	50-80
#4 sieve.....	30-60
#40 sieve.....	10-30
#200 sieve.....	3-10

Suitable material shall be added and uniformly blended, if necessary, to make natural gravel conform to the above required gradation.

4. CRUSHED STONE shall be composed of hard, durable particles of stone, washed and thoroughly clean, and shall be free from an excess of thin or elongated pieces, frozen lumps, vegetable or other deleterious matter. As indicated, the City may have a requirement of approximately 500 tons of various crushed stone sizes. Therefore, a gradation analysis will not be given in these specifications. However, all crushed stone shall be subject to the approval of the City.
5. WASHED, CRUSHED, ANGULAR STONE shall conform to the following:

PERCENT PASSING

2" sieve.....	100
1.5" sieve.....	90-100
1" sieve.....	20-55
3/4" sieve.....	0-15
3/8" sieve.....	0-5

City of East Providence is working towards capping a closed landfill located on Forbes Street in East Providence. Part of the capping process will require approximately 1,500 Tons of Washed, Crushed, Angular Stone with a maximum diameter of 1.5 inches and a minimum diameter of ¾ inches. The picked-up stone shall be the cost PER TON LOADED by the supplier on City vehicles at the Suppliers location. The delivery location is the Forbes Street Landfill in East Providence, Rhode Island. Material shall be trucked approximately .6 miles into the landfill, off of Forbes Street and shall be unloaded in the Phase II and III area of the landfill.

6. 3/8" PEASTONE - Same basic specifications as Item 4, EXCEPT that sieve shall conform to the following:

PERCENT PASSING

½" sieve.....	100
3/8" sieve.....	85-100
#4 sieve.....	5-30
#8 sieve.....	0-10
#100 sieve.....	0-1.5

7. FILL MATERIAL - There shall be no specifications regarding gradation of material except that it shall contain no boulders, tree stumps, brush, rubbish, other unsuitable materials, ledge or any solid with an average diameter dimension exceeding eight (8) inches. The Director of Public Works or his authorized representative will inspect the material on which the successful bidder or bidders has submitted a proposal. It will be the sole responsibility of the City to determine the acceptability of the fill material proposed.
8. UNSCREENED LOAM shall be a friable soil obtained from naturally well-drained areas. It shall consist of loose, friable topsoil free of a mixture of excessive amounts of sand, subsoil, refuse, stumps, roots, rocks, brush, weeds, and other material which will prevent the formation of suitable seed bed. The Director of Public Works or his/her authorized representative will inspect the loam on which the successful bidder/s has submitted a proposal. It will be the sole responsibility of the City to determine the acceptability of the material proposed.
9. SCREENED LOAM same as Item 8, EXCEPT that loam shall be screened so that 100% will pass through a maximum 3/8" mesh sieve (this means 3/8" not 3/4").

10. BLUE STONE DUST - Stone dust shall consist of crushed granite blue stone dust, a mixture of fine aggregate and sand screenings, consisting of clean, hard, durable, uncoated particles of granite quartz, materials shall be free from dirt, clay, organic matter, flaky material, excess fines or other deleterious materials. Stone screenings shall be the product of a secondary crusher or, if primary crusher screenings are to be used, they shall be reprocessed in a manner to produce a satisfactory material.

11. MASON SAND (BRICK SAND) - Shall be clean, organic free washed sand, and shall be uniformly graded as specified.

#4	Sieve	100% Passing
#8	Sieve	95-100% Passing
#16	Sieve	70-100% Passing
#30	Sieve	40- 75% Passing
#50	Sieve	10- 35% Passing
#100	Sieve	2- 15% Passing
#200	Sieve	0

12. Rip Rap Estimated usage 200 yards per year.

The City reserves the right to reject materials that are in the opinion of the City unsuitable.

E. TESTS

During the term of the contract, the City reserves the right to have analysis or other tests taken to assure that the materials furnished by the Contractor/s are in accordance with City Specifications. Should a dispute arise concerning the quality of the material delivered, a laboratory test or analysis shall be made by a recognized reliable testing laboratory. Should the test prove the delivered materials do not conform to City Specifications, the cost of testing will be borne by the Contractor. Should the test indicate that the delivered materials do conform to City Specifications, the cost of testing will be borne by the City.

F. BID PRICES

Prices bid shall remain firm for and during the contract period. As may be noted in the Bid Proposal, the following prices on each item are desired:

(a). The first price shall be the cost PER TON LOADED by the Supplier on City vehicles at the Suppliers location.

(b). The second price shall be the cost PER TON FOR DELIVERY by the Supplier to delivery point. Delivery points may be at various locations within the City of East Providence.

G. ORDERING

Ordering shall be on an "AS NEEDED, AS ORDERED" basis, by the City giving twenty-four (24) hours or one (1) day notice by telephone, for delivery.

H. PAYMENT

The Contractor/s shall bill on invoices sent to Accounts Payable Department at 145 Taunton Avenue, East Providence, R.I. 02914.

I. AWARD OF CONTRACT

In awarding the bid, the City will consider each ITEM as a separate award, and the City will take into consideration the travel time, distance, and transportation costs for City trucks when hauling the various material.

J. CANCELLATION OF CONTRACT

Whenever the Contractor shall be unable or refuses to furnish materials ordered by the City, in such event the City reserves the right to declare the Contract to be breached by giving three (3) days written notice by Certified Mail to the Contractor of said breach. After the City's declaration of said breach, the City may purchase the necessary materials in the open market and hold the Contractor liable for the difference between the contract price of said material and the actual cost of same to the City.

It is expressly understood however, that any non-delivery of materials by the Contractor occasioned by Acts of God and other causes beyond the Contractor's control shall not be subject to the above provisions.