

ITEM 0106301

SOD

DESCRIPTION

This item shall include excavation, removal and disposal of objectionable material; grading and compacting, furnishing and working lime and fertilizer into the prepared soil; furnishing and placing live sod in the area to the required grade as shown on the plans and/or as directed by the Engineer.

REFERENCED ITEMS

None

REQUIRED SUBMITTALS

Material Certificate of Compliance:

Submit 5 copies of material certificate of compliance for sod in accordance with the contract general requirements.

MATERIALS

Sod shall be living sod procured from areas where the soil is reasonably fertile and from areas similar in the degree of moisture to the area to be planted. It shall be cut or stripped, by approved methods, from turf areas relatively free of large stones, roots, or other materials which might be detrimental to the sodding operation or to future maintenance. Thickness of sod shall be 1 to 1 1/2".

The sod shall be a bluegrass mix consisting of 50% merion bluegrass and 50% baron bluegrass (or equal).

CONSTRUCTION METHODS

In the event that additional fill material is needed to grade the area according to the plan, so that no water pockets are formed, the Contractor shall furnish and spread suitable fill material free of stones, rubble, wood, rubbish, or other extraneous material nor conforming to a similar type as that existing on the site, at no additional cost to the City.

Excavation shall be made to a sufficient depth below the finished grade of sod to accommodate 1 or 1 1/2" thickness of sod. Fertilizer shall be applied at a rate to provide 100 lbs of nitrogen per acre. Fertilizer applied under this item shall be

incorporated with the soil to a depth of at least 2" before the sod is laid, unless otherwise specified or approved. Lime shall be used at approximately 40 lbs per 1,000 square feet of surface of area to be sodded. The soil, after tamping, on which the sod is laid shall be reasonably moist and shall be watered, if so directed. The sod shall be laid smoothly, edge-to-edge, and all openings shall be plugged with sod. Immediately after the sod is laid, it shall be pressed firmly into contact with the sod bed by tamping, rolling, or by other approved methods so as to eliminate all air pockets, provide true and even surfaces, ensure knitting and protect all exposed sod edges but without displacement of the sod or deformation of the surface of the sodded areas and watered at the rate of 5 gallons per square yard of sodded area unless otherwise directed.

The Contractor shall care for the sodded areas until all work on the entire contract has been completed and accepted. Such care shall consist of providing protection by sign or barricades, and the mowing of grass to the height of 2" when the growth attains a maximum height of 4". Mowing shall be performed a minimum of two times before acceptance of the sod.

Sod shall also be watered if so required by the Engineer. When watered, sufficient water shall be applied to wet the sod at least 2" deep in the sod bed. Watering shall be done in a manner which will not cause erosion or other damage to the finished surfaces.

METHOD OF MEASUREMENT

The work will be measured for payment by the number of square feet of surface area acceptably sodded.

BASIS FOR PAYMENT

This work will be paid for at the contract unit price per square foot of "SOD", completed and accepted including all equipment, tools, labor, and incidental expenses thereto.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0106301	Sod	SF