



Six-Month Service Agreement for Shoreline Median Improvements (Landscaping & Plant Installation)

City Council Meeting
June 13, 2023



Background



- Initial median improvements were executed in July 2020 in which Natal Plums, Phoenix Roebillini, Esperanza & Washington Palms were planted. After the freeze in February 2021, all vegetation was destroyed except for Washington Palms.
 - After the freeze, an assessment determined that most vegetation would not recover, and an Emergency Memo was authorized by the City Manager to request emergency services to replant vegetation in the medians.
 - The Shoreline Medians are once again being revisited since the City has experienced below freezing temperatures during the winter months (32 degrees Fahrenheit recorded in February 2023). These extreme temperatures have destroyed normal, Texas native vegetation.
 - Parks & Recreation hired a staff Landscape Architect in August 2022, who performed extensive research into vegetation that can endure two weather extremes – heat & freezing. In doing so, the Landscape Architect found plants that are native to our area & can endure similar environmental, extreme weather conditions.
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Types of Plants



The Contractor will provide landscaping services & install plants, with black mulch, for eight medians along Shoreline Boulevard, between Kinney St. & Louisiana Ave. The types of plants to be installed are:

- **Lemon Lime Nandina:** Nandinas are very drought tolerant & will only need to be watered during extremely hot/dry conditions & can tolerate temperatures as low as 9.4°F and as high as 109°F.
- **Yewtopia Plum Yew:** Heat tolerant, drought resistant & shade loving plum yew; slow growing, requiring little pruning to maintain its compact habit. Hardy to -10F.
- **Tocoma Stans ‘Nana’:** Yellow Bells are naturally found in warm climates such as the Sonoran Desert. They are both heat/cold tolerant but will go dormant in temperatures below freezing. This robust shrub can withstand both droughts & humid climates.
- **Asiatic Jasmine:** This plant can sustain lower temperatures while thriving in warm to hotter environments.



Types of Plants



Nandina



Yewtopia



Muhly Grass

Nana



Asiatic Jasmine



Plant Details



Plant Number	Plant	Height	Width	Spacing	Quantity
1	Lemon Lime Nandina	3-4'	3-4'	3-4'	92
2	Yewtopia Plum Yew	3-4'	3-4'	3-4'	97
3	Nana	4'	3'	3'	73
4	Asiatic Jasmine	6-2'	3'	3'	416

The Contractor shall also replant/reuse approximately 257 pieces of existing Muhly Grass currently planted in each median between Kinney Street & Louisiana Avenue and incorporate grass into the new landscaping.

Any Muhly Grass not used by the Contractor will be removed by the City's Parks and Recreation Department.



Recommendation



- Staff recommends approval of this motion authorizing a six-month service agreement with Coastal Landscape Management & Design, as presented for Shoreline Median Improvements.