



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

EMERGENCY DECLARATION

To: Bogdan Vitas, City Manager

From: Marilyn Wilbarger, Senior Property Manager
John Paul Castro, Operations Manager – Key West Bight

Date: February 8, 2013

Action Statement: Requesting approval of Bogdan Vitas, City Manager, to award the transplant of palms from Conch Harbor to Key West Bight to Keys Ecoscapes in the amount of \$33,002.25

Ordinance:

Pursuant to Sec. 2-797 of the City of Key West Code of Ordinances, the Emergency Procurement procedure the City Manager may make emergency procurement to approve contractual services where the cost exceeds \$20,000 when there exists a present threat to public health, property, safety, of other substantial loss to the City.

Justification:

Key West Bight's neighboring property, privately owned Conch Harbor, has received approval for the development of a new structure along the Caroline St. portion of their property. The area of the future development now consists of a large canopy landscape including large royal, coconut and thatch palms and per tree commission approval the landscape can be removed by the property owner.

The Key West Bight has been working on a landscape plan within the Common Area Enhancement plan that was approved in 2010. The City approached the owner of the property and reached an agreement to transplant the trees onto public property at the City's cost. Therefore we requested proposals from 4 firms, 2 of which did not respond.

Due to the timing of the development project the re-location must take place immediately. Discussions with landscape architects and the installers came to a unanimous recommendation that only palm material was worth incurring transplantation cost. This includes 6 royal palms, 2 double royal palms, 10 coconut palms, and 41 thatch palms. The value of the trees within the proposal would cost an estimated \$70,000 or more.

The benefits of the project are first and foremost cost reduction coupled with the

Key to the Caribbean - Average yearly temperature 77° F.

MEMORANDUM

sustainable practice of transplanting the trees to public property that would otherwise likely be destroyed. The Key West Bight's landscape plan, when complete, would undoubtedly specify many of the trees being re-located. The Landscape Architect has determined the appropriate locations for all of the 59 palms which will make an immediate impact in areas of the Bight that are in need of canopy. The size of the trees gives Key West Bight the ability to plant in areas where newer and smaller trees would cause issues with signage and potential obstruction of the views.

The close proximity of the move makes it one of the only locations palms of this size can effectively be transplanted as they must be moved by crane. Their size would likely lead to their destruction otherwise.

Recommendation:

Staff recommends Bogdan Vitas, City Manager to award Keys Ecoscapes the transplantation of 59 palm trees from Conch Harbor to Key West Bight in the amount of \$33,002.25 on an emergency procurement basis. The cost breakdown is attached.

Approved:

Bogdan Vitas, City Manager Date

Historic Seaport ; Attn. John Paul Castro
 Key West Fl. 33040

Proposal 2/4/13



Service- Tree Relocation- Thrinax \$ 7,844.75

41	Thrinax Palms- Relocate from Conch Harbor and Plant in the designated areas on Lazy Way and Reef Relief area. City to assist with barricades and traffic control for lazy way work- 8 hrs..	\$	156.25	\$	6,406.25
2	Sabal	\$	225.00	\$	450.00
1	Equipment Rental- Mini Ex.	\$	575.00	\$	575.00
1	Disposal- 2 dead sabals and spoils	\$	287.50	\$	287.50
2	Soil sand mix tree planting- yards	\$	63.00	\$	126.00

Service- Tree Relocation- Royals \$ 25,157.50

City to assist with barricades and traffic control for Caroline Street while active loading of trucks. Approx. 3 days

6	Royals- Single trunk 24-27' wood, 40'+ Overall	\$	250.00	\$	10,000.00
2	Royals- Dbl. trunk 24-27' wood, 40'+ Overall	\$	1,100.00	\$	1,100.00
10	Coconuts- Single trunk 18-22' wood, 35-40' Overall	\$	402.50	\$	9,660.00
40	Hrs Crew and Equipment	\$	700.00	\$	2,100.00
1	Equipment Rental- Backho	\$	632.50	\$	632.50
24	Hrs. Crane service- 20 ton and 40 ton	\$	1,350.00	\$	1,350.00
3	Trucking- Low boy 45' Tractor trailer to transport trees to new planting location	\$	63.00	\$	315.00
1	Disposal- Asphalt, brick and spoils	\$		\$	

Misc. Materials

1	Bracing material- 2x4" and 4x4 lumber and steel strapping	\$	1,350.00	\$	1,350.00
5	Soil sand mix tree planting	\$	63.00	\$	315.00

Total relocation service - No guarantee on survival- Daily watering of trees necessary for survival \$ 33,002.25
 Watering of trees after planting is not included in this proposal

Mailing:

1120 Seminary St. \$ 15,000.00
 Key West Fl. 33040 \$ 18,002.25

Deposit- Upon commencement of relocations \$
Upon completion of relocation \$



Mama's Garden Center
 Proposal for
 City of Key West
 (Palm Relocation)

111 Overseas Hwy.
 MM 8.5, Box 108
 Rockland Key, FL 33040
 P- 305-296-1617
 F- 305-294-1166

Work to be performed:

* Relocate Work

*

Qty.	Description	Unit Price	Total Price
2	Relocate 2 Sabal Palms	\$ 750.00	\$ 1,500.00
6	Relocate 6 Single Royal Palms *Price includes all concrete and asphalt cutting, bud treatments and initial root stimulant	\$ 2,800.00	\$ 16,800.00
41	Relocate 41 Thatch Palms *Price includes all concrete and asphalt cutting, bud treatments and initial root stimulant	\$ 300.00	\$ 12,300.00
2	Relocate 2 Double Royal Palms *Price includes all concrete and asphalt cutting, bud treatments and initial root stimulant	\$ 2,800.00	\$ 5,600.00
10	Relocate 10 Coconut Palms *Price includes all concrete and asphalt cutting, bud treatments and initial root stimulant	\$ 2,500.00	\$ 25,000.00
	subtotal		\$ 61,200.00

Qty.	Materials	Unit Price	Total Price
2	Truckloads - soil (Organic Mix)	\$ 1,000.00	\$ 2,000.00

Labor	\$ 61,200.00
Materials	\$ 2,000.00
Debris removal/disposal will be charged @ \$35.00/yard and added to final invoice	<u>To Be Determined</u>

Total	\$ 63,200.00
Sales Tax	<u>Exempt</u>
Grand Total	\$ 63,200.00

Pricing includes crane and any other equipment necessary to perform job.
Quote is valid for 30 days - please call us to reconfirm prices after 30 days of quotation date
Deposit - 50%
Balance due upon completion

Signature Below denotes customer acceptance

 Customer Signature

 Date

MEMORANDUM FOR THE FILE

DATE: December 28, 2012

RE: **Conch Harbor West Marine – 951-955 Caroline Street**

FROM: Paul Williams, Urban Forestry Manager, City of Key West

An application was received for the removal of all existing landscaping to allow the construction of Conch Harbor West Marine.

After review of the existing landscaping, the attached tree distribution plan and the proposed landscaping plan, I have determined that the removal permit will involve **seven (7) palms and a total of 166.5 replacement canopy inches**. Several site inspections have taken place since the applicant first brought this to the attention of the Tree Commission earlier this year.

Tree Species: The property contains a variety of native and non-native canopy trees and palms. Names and sizes of trees can be found on the attached tree distribution list.

Diameter: Total for Canopy trees = 166.5 inches dbh

Location: 80%

Species: 100%

Condition: 60%

Total Average Value = 80%

Value x Diameter = replacement caliper (dbh) inches

$.80 \times 166.5'' \text{dbh} = \underline{133}$ **replacement caliper (dbh) inches and seven (7) native palms**

Recommendations: **Staff recommends approval of the removal permit with the condition that the applicant has applied for a building permit and shall provide mitigation for seven (7) palms and 133 replacement caliper (dbh) inches.**