



ISLAMORADA, VILLAGE OF ISLANDS, FLORIDA

ADDENDUM NO. 2 MODIFICATION AND ADDITION TO REQUEST FOR PROPOSALS FOR RESURFACING THE ATHLETIC FIELD AT FOUNDERS PARK (RFP 18-09)

ISSUE DATE: MARCH 7, 2018

This Addendum forms a part of the Request for Proposals (RFP) documents and modifies the original Request for Proposals. Modifications do not cancel any other portion(s) of the RFP, including other portions of affected Sections listed below, unless otherwise noted.

The RFP is hereby revised as follows (strike-thru indicates items deleted or replaced; underline indicates items added or revised):

Islamorada, Village of Islands (the “Village”), will receive sealed proposals to resurface the Athletic Field at Founders Park, located at 87000 Overseas Highway in Islamorada, Florida until ~~10:00 a.m. on March 9, 2018~~ 3:00 p.m. March 23, 2018. Proposals will be opened by the Village Clerk or her designee immediately following the closing of the Request for Proposals (“RFP”).

Interested firms must submit sealed proposals by mail or in person to:

Islamorada, Village of Islands
Attn: Village Clerk
86800 Overseas Highway
Third Floor
Islamorada, Florida 33036

It is the sole responsibility of the firm to ensure that their submittal is received in a timely manner. Any bids submitted past the deadline and/or submitted to other locations or offices shall be deemed non-responsive and will be rejected.

III. SCOPE OF WORK

In February 2018, The Village sent a soil sample from the athletic fields to Tifton Physical Soil Testing Laboratory. The Laboratory issued the attached report on February 22, 2018. The report indicates that the levels of fines and organic matter is too high and that the sand needs to be “amended with at least 60% coarse sand.”

The Scope of Work included in the original RFP 18-09 document was prepared before the results of the soil test were known. Proposers should submit proposals considering the previously suggested Scope of Work and the contents of the soil sample testing. The Scope of Work should be amended and proposals prepared as appropriate to address the issues raised in the soil sample testing report.

Tifton Physical Soil Testing Laboratory, Inc.

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 Fax: (229) 382-7992
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TESTING CERT #1014.01

Date Received: February 20, 2018
 Date Reported: February 22, 2018
 Sample Number: L49-18

RE: Founders Park Athletic Fields
 Compacted after 16 hrs at a 6" (15 cm) Depth

PHYSICAL ANALYSIS¹

MIXES ANALYZED (% by Volume)			SATURATED HYDRAULIC CONDUCTIVITY in/hr	POROSITY (%)			BULK DENSITY g/cm ³	WATER RETENTION AT FIELD CAPACITY %	CHEMICAL	
SOIL	SAND	AMENDMENT		NON-CAPILLARY (air-filled)	CAPILLARY (water-filled)	TOTAL			pH ²	EC ³ mmhos/cm
Existing Field Soil			0.1	6.1	29.4	35.5	1.68	17.5	8.0	
General Recommendations for a SRM:			8 - 15 in/hr.	15 - 30	15 - 25	35 - 55				

PARTICLE DENSITY⁴ 2.61 g/cm³

PARTICLE SIZE ANALYSIS

SAMPLES	GRAVEL 2 mm %	SAND FRACTIONS (% Retained) ⁵					SAND ⁶ 0.05-2 mm %	SILT ⁶ 0.002-0.05 mm %	CLAY ⁶ <0.002 mm %	ORGANIC MATTER ⁷ % by wt.
		VERY COARSE 1 mm	COARSE 0.5 mm	MEDIUM 0.25 mm	FINE 0.15 mm	VERY FINE 0.05 mm				
Ex. Field Soil	18.4	12.7	11.9	18.9	17.6	9.5	70.6	6.0	5.0	2.10
USGA Recommendations for a Rootzone Mix:	≤ 10% (≤3% gravel)	60% minimum			≤ 20%	≤ 5%		≤ 5%	≤ 3%	

Note: Total "fines" (very fine sand, silt, and clay) should be less than (<) 10% in a rootzone mix.

1. Determined at 30 cm tension by USGA testing protocol (ASTM F1815) 2. ASTM D4972 Method A (water only) 3. SSSA Soluble Salts 4. ASTM D854-98 5. ASTM C136 and F1632 6. Bouyoucos, 1962 7. ASTM F1647 SRM Form (Version 1) - Effective Date: 5/12/17

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Date Received: February 20, 2018
Date Reported: February 22, 2018
Sample Number: L49-18

RE: Founders Park Athletic Fields

Compacted after 16 hrs at a 6" (15 cm) Depth

Recommendation Form (Version 1) - Effective Date: 5/17/10

Recommendations:

A complete physical analysis and particle size analysis, including organic matter and pH, were made on the Existing Field Soil Sample from _____ on February 21, 2018, to determine its suitability for use as a Sportsturf Rootzone Mix (SRM) for the Founders Park Athletic Fields at a 6" (15 cm) depth. The condition of the sample as received was normal.

The particle size analysis showed that the Soil is a coarse 20.5% fines (total of very fine sand, silt, and clay) which are too many for a SRM.

The Soil has 2.10% organic matter by weight (ASTM F1647), which is a high amount for an athletic field soil.

The physical analysis showed that the Soil has a low water permeability rate of 0.1 in/hr. when compacted by the ASTM F1815 procedure to simulate a compacted athletic field at a 6" (15 cm) depth. For a SRM, our lab recommends an initial rate of 8-15 in/hr. for developing an athletic field. The initial rate is the rate of the rootzone mix before grass is established. Once grass is established the rate should decrease and slowly decline over the years as organic matter accumulates due to root and thatch decomposition.

The other physical properties show that the Soil has a severe imbalance in the percent non-capillary (air-filled) and capillary (water-filled) pore space.

The Soil is calcareous and has a soil water pH of 8.0, which is higher than the optimum pH range of 6.0 to 6.5 for turfgrass. No limestone needs to be applied to this Soil until the pH decreases to less than 6.0, then apply approximately 25 lbs per 1000 sq. ft. (6 inch depth).

Conclusion: This Soil is a coarse sand with too many fines (20.5%) and too much organic matter (2.10%) for a SRM. To improve the physical properties of this soil for an athletic field the soil needs to be amended with at least 60% coarse sand to reduce the fines and organic matter.

Powell Gimes

Recommendations are based on the samples received. Results and comments relate to the samples tested. This report cannot be reproduced except in full, and not without written approval of the laboratory.