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City of Pompano Beach
Air Park

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MEMORANDUM NO: 2023-07

DATE: June 28, 2023

TO: Jeffrey English, Purchasing Agent

FROM: Steven Rocco, Airpark Manager

SUBJECT: Bid E-22-23 Award Recommendation- Ranger Construction Industries, Inc.

Ranger Construction Industries, Inc. is recommended for the Runway 10-28 Safety Enhancements project, bid E-22-23. Ranger Construction Industries, Inc. was the lowest bid received.

Objective:

PMP has three (3) paved asphalt runways, RWY 15-33, 10-28, and 6-24. The three runways are aligned in a quasi-triangular configuration with the safety areas of RWY 33 and RWY 28 overlapping. The overlapping safety areas do not allow for aircraft on TWY E to hold short on one runway and permit operations on the other. Additionally, the portion of TWY's K and L leading up to RWY 33 provide direct access from tenant aprons to the runway. The main purpose is to correct pavement geometry, eliminate confusing wide expanses of pavement, eliminate direct runway access from aprons, and provide the ability for pilots to hold short on Taxiway E without stopping operations on the other runway.

Benefit:

Eliminate wide expanse of pavements that create pilot confusion and safety concerns to comply with latest FAA Advisory Circular and mitigate for Hot Spot 2 depicted on the Airport Facility Directory.

Approach:

To mitigate these issues the city proposes to extend Runway 28 by 185 feet to the east. The threshold for Runway 28 will remain in the same location and no airspace nor other protected surface limits will be affected by these changes. To allow taxiing access to Runway 28 departures, Taxiway E will be relocated and extended to connect to the new pavement beyond Runway 28's threshold. Geometric re-configurations will be made to Taxiway K and L to eliminate the wide expanse and direct apron to runway access. To accomplish this, portions of Taxiway K and L will be demolished and replaced with new Taxiways E, G6, and G7.