

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, APPROVING PHASE 1A OF THE MASTER PLAN CONCEPT DESIGN, AS PREPARED BY JOHNSON CONTROLS PURSUANT TO RFQ 2017-119KB, FOR A SMART LIGHTING SYSTEM.

WHEREAS, in 2016 the City's Public Works Department completed the first step in the preparation of a Citywide Street Lighting Master Plan by conducting a City-wide photometric analysis, in an effort to assess the state of the City's current lighting system; and

WHEREAS, upon the completion of said analysis, the Department found that large areas of the City were either over lit or under lit and that approximately 18.2% of the City's roadways fall within the assumed acceptable range for illuminance and uniformity when compared to standards; and

WHEREAS, in addition, the analysis recommended the City should work with a consultant to develop a Lighting Master Plan that would define the City's lighting goals, improve uniformity, and upgrade existing lighting to LED and to improve operations and maintenance with the implementation of a Computerized Maintenance Management System (CMMS); and

WHEREAS, accordingly, at its June 7, 2017 meeting, the City Commission approved the issuance of Request for Qualifications No. 2017-119-KB for Smart City Street Lighting System - Design, Build, Operate, and Maintain, (the RFQ); and

WHEREAS, at its October 31, 2017 meeting, the City Commission approved Resolution No. 2017- 30077, accepting the recommendation of the City Manager, pursuant to the RFQ and authorized the Administration to enter into negotiations with Johnson Controls, Inc., as the top ranked proposer; and

WHEREAS, Johnson Controls, Inc. had originally proposed an estimated \$3,600,000 for Phase I Design, but since the City did not have a dedicated funding source for the proposed cost at the time, the City Commission recommended that the contract be referred to the Finance and Citywide Projects Committee (FCWPC) in order to provide more information on the "Smart City" concept; and

WHEREAS, at the direction of the FCWPC, the Smart City project was placed on the April 5, 2018 General Obligation Bond (G.O.) Workshop committee agenda, in order to be further evaluated for budget and funding purposes; and

WHEREAS, during the April 20, 2018 FCWPC meeting, the Committee made a motion to proceed with reviewing the scope of services of the proposed agreement with Johnson Controls, and the possibility of bi-furcating the scope of services; and

WHEREAS, during the June 29, 2018 FCWPC meeting, the Committee discussed the Johnson Controls, Inc. agreement in further detail and recommended dividing the scope of services into two (2) phases: Phase 1A: A Master Plan Concept Design Phase, and Phase 1B: Design Development Phase; and

WHEREAS, at its November 14, 2018 meeting, the City Commission approved Resolution 2018- 30612, approving and authorizing the execution of Phase 1A with Johnson Controls, Inc, to develop a Citywide Lighting Master Plan Concept Design, for a not to exceed amount of \$1,863,895; and

WHEREAS, it was further directed that, upon completion of Phase 1A, and should the

City elect to move forward with Phase 1B, the Public Works Department was requested to come back to the full City Commission for approval of the master plan concept design, and to get authority to move forward with Phase 1B; and

WHEREAS, Phase 1B has an estimated cost of \$1,174,452, to be funded from Capital Improvement Project Numbers 27800 – Street Lighting Improvements and 64918; and

WHEREAS, Phase 1B encompasses the tasks below:

1. Development criteria for the lighting system Computerized Maintenance Management System (CMMS) for urban lighting assets;
2. Preliminary Upgrade Plan and Construction Plans for Architectural and Street Lighting Design Upgrades;
3. Smart City Roadmap;
4. Connectivity Scope;
5. Financial Scope;
6. Records, Data, and Assistance;
7. Preparation of Implementation Contract; and

WHEREAS, additional funding, in the amount of \$10,000,000, was approved for the implementation of Phase 1A and 1B as part of the approved G.O. Bond, on the November 6, 2018 ballot; and

WHEREAS, Phase 1A is now complete.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and City Commission hereby, approve Phase 1A of the Master Plan Concept Design, as prepared by Johnson Controls pursuant to RFQ 2017-119KB, for a smart lighting system.

PASSED and ADOPTED this ___ day of _____, 2020.

DAN GELBER, MAYOR

ATTEST:

RAFAEL E. GRANADO, CITY CLERK

APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION

Rod Ayala 5-7-20
City Attorney Date