



**ADDENDUM NO. 2**

**TO THE**

**AUTOMATED PEOPLE MOVER OPERATING SYSTEM  
SUPPLIER ELIGIBILITY DETERMINATION**


**FOR THE**

**LANDSIDE ACCESS MODERNIZATION PROGRAM**

**AT**

**LOS ANGELES INTERNATIONAL AIRPORT**

The following clarifications, corrections, revisions, additions and/or deletions included in this Addendum, shall be incorporated into the subject Supplier Eligibility Determination Requests as directed herein with immediate effect.



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Roger Johnson  
Deputy Executive Director  
Date: June 30, 2016



## ADDENDUM No. 2

Respondent must acknowledge the receipt of this Addendum in its Submittal.  
**Failure of the Respondent to acknowledge this Addendum may result in delays in the review of the Submittal.**

### ADDENDUM No. 2 ITEMS:

#### **ADDENDUM NO. 2, ITEM 1:**

Attachment 2 – APM Operating Sysytem Supplier Eligibility Determination; Technical Capabilities Submittal Requirements and Project Experience Forms:

1. Replace Section 4: Power Distribution System, paragraph a. TP 10.1 Power Distribution System, with the following:
  - a. TP 10.1 Power Distribution System: Describe the Power Distribution System (PDS), including preliminary estimates of voltages, equipment ratings and the number of substations needed for the system. Using the concept sketch in Fig 10.1-1 of Attachment 3, prepare a schematic single-line drawing showing your anticipated layout for substations, primary and secondary feeders, primary switchgear, power transformation/conditioning, secondary switchgear, and feeds to power rails. Also, provide a preliminary load analysis for traction power and auxiliary loads, including peak loads for operation of maximum-length trains.

Explain how the PDS will be sized to meet specified requirements. Explain how the requirements regarding single point failures will be met. Explain how circulating currents that could be generated due to the interface with the Los Angeles Water and Power Company (LADWP) will be mitigated. Describe the impact of total failure of one substation.

Full changes shown in the attached Addendum No. 2 Supplier Eligibility Determination Attachment 2, page 7 of 11, dated June 30, 2016.

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**END OF ADDENDUM No. 2**



below. The contents of this Section shall be indexed using the same Section numbers and titles of the Select Draft Project Technical Performance Provisions as set forth below.

- a. TP 10.1 Power Distribution System: Describe the Power Distribution System (PDS), including ~~all preliminary estimates of~~ voltages, ~~and~~ equipment ratings ~~and the number of substations needed for the system~~. ~~Provide~~ Using the concept sketch in Fig 10.1-1 of Attachment 3, prepare a schematic single-line drawing showing ~~all your anticipated layout for~~ substations, primary and secondary feeders, primary switchgear, power transformation/conditioning, secondary switchgear, and feeds to power rails, ~~power rail segmentation, auxiliary power, power factor correction and uninterruptible power~~. Also, ~~Provide~~ provide a preliminary load analysis for traction power and auxiliary loads, including peak loads for operation of maximum-length trains.

Explain how the PDS will be sized to meet specified requirements. Explain how the requirements regarding single point failures will be met. Explain how circulating currents that could be generated due to the interface with the Los Angeles Water and Power Company (LADWP) will be mitigated. Describe impact of total failure of one substation.

- b. TP 10.1.5.2 Grounding: Describe the grounding system.

5. Command, Control and Communication Systems:

Respondent shall describe the features of its preliminary APM Operating System Design and how they will meet specific requirements of the Select Draft Project Technical Performance Provisions sections identified below. The contents of this Section shall be indexed using the same Section numbers and titles of the Select Draft Project Technical Performance Provisions as set forth below.

- a. TP 11 Automatic Train Control: Provide an overview of the proposed Automatic Train Control (ATC) system. Provide information about how the ATC equipment will function and how the transition to future phases could occur.
- b. TP 11.1 Automatic Train Protection: Provide a description of the proposed Automatic Train Protection (ATP) system. Briefly describe proposed methods and equipment for each of the functions required by TP 11.1.1 through 11.1.13, including how the requirements of TP 7.1.1 are met in each case.
- c. TP 11.2 Automatic Train Operation: Provide an overview of the proposed Automatic Train Operation (ATO) system. Briefly describe proposed methods and equipment for each of the functions required by TP 11.2.1 through 11.2.4. For the requirements of TP 11.2.1, state the proposed clear opening of vehicle and platform doorways and the maximum misalignment.
- d. TP 11.3 Automatic Train Supervision: Provide an overview of the Automatic Train Supervision (ATS) system.

6. Guideway Equipment:

The Respondent shall describe the features of its proposed Preliminary APM Operating System Design and how it will meet specific requirements of Select Draft Project Technical Performance Provisions