

# CLARK COUNTY BOARD OF COMMISSIONERS

## AGENDA ITEM

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**Petitioner:** Denis Cederburg, Director of Public Works

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**Recommendation:**

**Approve and authorize the Chair to sign Interlocal Contract No. 1301 among Clark County, Regional Transportation Commission of Southern Nevada, City of Las Vegas, City of North Las Vegas, City of Henderson, City of Boulder City, and City of Mesquite for engineering for the Backup Power and Cooling System for Communication Hubs project. (For possible action)**

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**FISCAL IMPACT:**

Fund #:	N/A	Fund Name:	N/A
Fund Center:	N/A	Funded PGM/Grant:	N/A
Amount:	N/A		
Description:	N/A		
Additional Comments:	N/A		

**BACKGROUND:**

The Regional Transportation Commission of Southern Nevada (RTC) has approved and budgeted funding for the Backup Power and Cooling System for Communication Hubs project (Clark County Public Works Project No. PW.R257AFT) in the amount of \$500,000 in RTC's Highway Improvement Acquisition Fund for Fiscal Year 2022. RTC, in coordination with Clark County, City of Las Vegas, City of North Las Vegas, City of Henderson, City of Boulder City, and City of Mesquite (collectively "Member Entities"), intends to develop requirements for backup power and cooling requirements at the Freeway and Arterial System of Transportation (FAST) hubs, beneficial to each Member Entity.

The attached Interlocal Contract No. 1301 identifies RTC as the lead agency and responsible party for all costs associated with this project. Funding for this project will cover design of backup power and cooling systems at FAST communication hubs, which is critical in keeping the FAST hubs operational and functioning to deliver the traffic management and incident response functions. Power system failures and high heat conditions can result in a system shutdown, loss of functionality, and loss of data. Network equipment that undergo repeated power interruptions or high heat conditions experience a higher component failure rate. Each hub will be evaluated in order to provide the properly configured and sized backup power unit and cooling system, and once requirements are developed the specified backup power and cooling system will be procured and installed. The time of performance is effective to December 31, 2026, unless time extensions are granted.

This project is included on the adopted RTC Capital Improvement Plan. RTC approved the interlocal contract at its meeting on August 12, 2021.

Each of the Member Entities is scheduled to approve the interlocal contract at their respective Board/Council meetings.

The District Attorney's Office has reviewed and approved the interlocal contract as to form.

Cleared for Agenda

**10/05/2021**

File ID#

**21-1439**

