

MEETING DATE: April 28, 2026

STAFF PERSON RESPONSIBLE: Jeff Vaughn, Radio Systems Supervisor

DESCRIPTION: Purchase Order Request for the DC South Simulcast Cell 48V Power Plants with ThinAir Communications in the Amount of \$146,755.80.

SUMMARY: As part of our radio site repeater upgrades from the current GTR to DBR platform, we are required to provide 48V power plants at each of the sites that were not needed previously and are not covered under the SUA+ contract between Motorola and DCECA, who cover the rest of the upgrade costs. However, DCECA is covering the funding for this for the five radio sites that make up the DC South Simulcast portion of the project as Douglas County previously funded the six radio sites for the DC North Simulcast.

ThinAir Communications was chosen as the best provider after a competitive bid process among the three most trusted vendors for these highly complex systems based on their overall costs, performance of the previous contract, and having previously provided very similar systems for our microwave back haul networks.

Castle Rock Microwave	\$25,517.06* - Per Site
Motorola Solutions	\$48,022.88* - See note
ThinAir Communications	\$29,351.16 - All 6 Sites

****Cost per Site, NO AC electrical or secondary distribution included in estimate***

This cost was not included in the SUA+ contract between Motorola and DCECA. As such, the \$146,755.80, will be funded with by DCECA as approved in their 2026 budget.

RECOMMENDED ACTION: Approval of Purchase Order Request for the Northern Simulcast Cell Channel Expansion with ThinAir Communications in the Amount of \$146,755.80.

REVIEW:

Darren Weekly	Approve	4/20/2026
Jeff Garcia	Approve	4/20/2026
Christie Guthrie	Approve	4/22/2026
Doug DeBord	Approve	4/23/2026

ATTACHMENTS:

6298_001_DCSO Rev. 1 Proposal