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Title:	RESOLUTION CONDITIONALLY APPROVING DEDA RESOLUTION 20D-49 APPROVING A CONTRACT WITH ELECTRIC SCIENTIFIC COMPANY FOR REPAIR AND INSTALLATION OF FIRE SUPPRESSION FACILITIES IN DEDA'S MRO BUILDING IN THE AMOUNT OF \$115,500.		

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7/13/2020	1	City Council	adopted	

RESOLUTION CONDITIONALLY APPROVING DEDA RESOLUTION 20D-49 APPROVING A CONTRACT WITH ELECTRIC SCIENTIFIC COMPANY FOR REPAIR AND INSTALLATION OF FIRE SUPPRESSION FACILITIES IN DEDA'S MRO BUILDING IN THE AMOUNT OF \$115,500.

CITY PROPOSAL:

WHEREAS, the Duluth Economic Development Authority ("DEDA") is the owner and operator of the MRO building at the Duluth International Airport which is equipped with a sophisticated fire suppression system which is in need of repair and upgrading; and

WHEREAS, DEDA has caused the necessary work to be designed and has caused a contract for the necessary work to be bid out; and

WHEREAS, DEDA will review all bids received and is anticipated to approve DEDA Resolution 20D-49 at its regular meeting of June 24, 2020, authorizing award of a contract to Electric Scientific Company to repair and install the fire suppression system components in the MRO on its bid of \$115,500; and

WHEREAS, pursuant to city council Resolution 10-0229, city council approval of any expenditure over \$100,000 by DEDA is required; and

WHEREAS, approval of DEDA resolution 20D-49 by the city council is conditional on DEDA approval of the resolution.

NOW, THEREFORE BE IT RESOLVED, that, subject to the approval thereof by DEDA board of commissioners at its meeting of June 24, 2020 and pursuant to Resolution 10-0229, the city council hereby approves DEDA resolution no. 20D-49 authorizing a contract in the amount of \$115,500 with Electric Scientific Company for the repair and installation of the necessary fire suppression system components in the MRO in accordance with bid specifications.

STATEMENT OF PURPOSE: The purpose of this resolution is to approve DEDA resolution 20D-49

authorizing an agreement with Electric Scientific Company to replace and upgrade various elements of the fire suppression system in the MRO in the amount of \$115,500.

Because of the designed use of the MRO facility to perform heavy maintenance on up to four full-sized commercial passenger aircraft, the building needed to be equipped with a complex fire suppression system that includes both foam suppression and deluge water suppression along with a sophisticated control system. The existing system has recently experienced several failures. On at least two occasions, the system was erroneously activated, causing substantial costs. The system continues to send false alarms, requiring human monitoring on a 24/7 basis.

Earlier this year DEDA engaged the firm of Burns & McDonnell Engineering to analyze the existing system and to design necessary repairs, replacements and upgrades. As a result of the analysis, Burns & McDonnell recommend that DEDA replace the existing fire alarm panel, the existing flame detectors in the aircraft maintenance area, and the existing manual foam release stations and the foam release solenoids. DEDA then contracted with Leo M. Daly to design necessary repairs, replacements and upgrades, in accordance with the recommendations of the analysis.

Making this system operational is imperative to the preservation and protection of the asset, even in the current absence of a tenant and will bring the facility to a marketable state, working toward providing a top-notch facility that is attractive to potential tenants.

Based on Daly's designs, DEDA put a contract out for bids to implement the recommendations. One bid was received, of which the lowest was the bid of one in the amount of \$115,500. The DEDA board awarded the contract to Electric Scientific Company at their last regular meeting on June 24th, 2020.