

January 10, 2023

Jason Anderson
Jason.anderson@ci.marshall.mn.us

Dear Mr. Anderson,

As you may be aware, many of the NavAids on Minnesota airports have reached the age of obsolescent. The ILS System located at your airport has been identified needing replacement.

This past December, we were given notice by the manufacture that the model of ILS located at your airport will no longer be supported. This is a major issue as we have very few parts to help maintain such a system. Currently, your ILS is more than 20 years old which is the expected life of this particular model. The manufacture will generally run the production for 20 years on a model and then support it for up to 10 years after production ends. Today we are beyond manufacture support, and it is time to replace the system.

For the airports part there is some civil work to be completed. This involves replacing the foundation for the localizer antenna and some under ground cabling. There may also be some foundation work on the sheds that house all the equipment.

With this project, MnDOT Aeronautics will supply a new ILS station. This includes the Glide slope, localizer and related antennas and sheds for housing the electronics. We will also set it up and commission it with FAA at the airport. MnDOT will continue to own the station and maintain the station going forward. The airport is responsible for supplying the in-ground mounts and underground cabling as well as establishing all utilities need along with an access road to the site. MnDOT will establish electrical service and phone lines as needed with the appropriate utility and will pay those monthly service bills related to this system. The Grant you are requesting is for the base infrastructure required to setup this ILS Project.

The Civil work required to replace this ILS station is estimated to be \$250,000 or less. We are suggesting that you ask for this grant with the amount of \$250,000 and as your project comes together, we can fine tune those numbers. The grant split will follow the 2022-rates letter previously established.

For your convenience a sample of the grant request follows on the next page. Please reach out to me directly with any questions you may have as well wanted to discuss project timing and other related details.

Sincerely

Jim McCanney
Airport Coordinator – Southern Region
MnDOT Office of Aeronautics
james.mccanney@state.mn.us
612-346-8029 Office/Cell

The Minnesota Department of Transportation is committed to increasing transparency and collaboration and ensuring everyone has the opportunity to participate in public engagement.

Please send the following to Jim McCanney, to request this project to move forward. The reply should be on City letter head, and it should be sent electronically to all parties in the original email.

Dear Jim McCanney,

The city of _____ formally requests to move forward with the replacement of ____ (navaid) _____. We understand that we will be responsible for the civil work involved in this project and for that we would like to request a design/engineering grant to work with our consultant.

We are estimating the total cost of design and civil work construction to be:
\$ _____

Thank you,