The State of Iowa is looking to upgrade our existing Next Generation, wireless 911 network. Early this summer, the State will be seeking information on additional work and related costs associated with the following projects. Please note that the State cannot continue forward with the projects until, if and when, they are granted authority to do so in the next legislative session.

Part 1: Network Merging

Using the existing infrastructure, HSEMD will seek information on a network design for merging the existing legacy wireline network (911 traffic), consisting of all the State's wire line carriers, onto the state owned backbone of the NG 911 network, currently managed by Comtech TCS. The information sought will include costs as well as design schematics showing aggregation of the entirety of the wireline traffic to properly interface onto the same network as the existing Comtech TCS network. Wire line infrastructure will be aggregated in a regionally reasonable manner and transported to the existing NG 911 backbone.

Part 2: PSAP Shared Services Environment

HSEMD will also be seeking information on design schematics using existing or new infrastructure/ hardware for a shared services environment. The shared services environment will focus on statewide host/remote CPE, but will also incorporate a la carte services including CAD, logging recorder, mapping, and emergency medical dispatch. Design should include how a contractor would incorporate the state's 113 PSAPs as remotes to the CPE host. The information sought will include costs, as well as a description of any potential fees for connecting PSAPs to the Host CPE. The State seeks to provide a viable option for PSAPS looking to lower expenses and join the State's shared services environment. The migration will not be mandatory for local PSAPs. The state wishes to provide an attractive, viable option, to eliminate recurring and non-recurring costs for local jurisdictions. The Part 2 solution must also deliver calls via SIP and text messaging via MSRP over the existing Comtech TCS Network. SIP and MSRP Interoperability with Comtech TCS will be a vital component. The Part 2 solution also must provide for the incorporation of seamless integration with the 13 secondary ESInet sites in Iowa. Part 2 a la carte shared services for PSAPs shall include logging recorder functionality, administrative lines, computer aided dispatch, mapping and emergency medical dispatch protocols. Should a PSAP opt out of the a la carte features but choose to join the host/remote CPE environment, provisions for seamless integration with existing PSAP components will be made.