

Requirements that Eliminate all but ONE Vendor

Requirement	Reasons it is Restrictive
"The proposed solution must interoperate with the existing Public Safety Radio System throughout the entirety of the migration process without introducing an additional ISSI." (Scope of Work.pdf (4)A, #11 pg 12)	This eliminates all but one vendor. The addition of "without an additional ISSI" means this can only be provided by L3Harris. Unless there is a limitation of the existing L3Harris, it is standard practice for all vendors to deploy an additional ISSI during the migration from the old system to the new.
"The proposed solution must have all eight hundred and sixty-three (863) existing talkgroups available throughout the entirety of the migration process without introducing an additional ISSI to facilitate communication between the existing Public Safety Radio System and the proposed Public Safety Radio System." - (Scope of Work.pdf (4)A, #12 pg 12)	This eliminates all but one vendor. The addition of "without an additional ISSI" means this can only be provided by L3Harris. Unless there is a limitation of the existing L3Harris, it is standard practice for all vendors to deploy an additional ISSI during the migration from the old system to the new.
"At no time may the district talkgroups used by the Milwaukee Police Department be configured for use on any ISSI. This is due to existing system constraints and would no longer allow the Milwaukee Police Department to maintain current daily communications practices." (Scope of Work.pdf (4)A, #12.a pg 12)	This eliminates all but one vendor. It is standard practice for all vendors to configure each talkgroup for use on the ISSI when the users that use that talkgroup migrate from the old system to the new.
"Any talkgroups added during the RFP, and during the migration process, must be immediately available on both the existing and proposed system throughout the entirety of the migration process. This must be instantaneous and not require any vendor involvement" (Scope of Work.pdf (4)A, #12.b pg 12)	This eliminates all but one vendor and is also an unusual request. It is standard industry practice to migrate all users to the new system BEFORE users are assigned to new talkgroups not previously used (on the old system)
"The proposed solution must interoperate with all of the existing interoperability resources throughout the entirety of the migration process without introducing an additional ISSI." (Scope of Work.pdf (4)A #15 pg 12)	This eliminates all but one vendor. The addition of "without an additional ISSI" means this can only be provided by L3Harris. Unless there is a limitation of the existing L3Harris, it is standard practice for all vendors to deploy an additional ISSI during the migration from the old system to the new.
"Briefly describe the maximum number of radio codeplugs/mission plans (or equivalent) each subscriber unit is able to hold. If the subscriber unit is capable of multiple codeplugs/mission plans, describe the process for the end user to reprogram the subscriber unit in the field." (Scope of Work.pdf (6)G,#vi pg 12)	Only one vendor in the entire industry offers "Mission Plans"
"LTE" (Scope of Work.pdf (6)9.a.i.1 pg 26) and (Scope of Work.pdf (6)11.a.i.1 pg 27)	Only one vendor in the entire industry offers LTE on Mobile Radios

Requirements that Eliminate the "Joining OASIS" Option

Requirement	Reasons it is Restrictive
"All proposed Public Safety Radio System core systems must be fully owned, operated, controlled, and serviceable by the City of Milwaukee. This includes, but is not limited to, racks, servers, networking equipment, RF equipment, interoperability gateways, ISSI, microwave infrastructure, and cabling." (Scope of Work.pdf (4)D, #1 pg 15)	With OASIS, the City of Milwaukee would not "fully" own or operate the core system. The core system would be jointly owned and the city of Milwaukee would control and operate their portion of the core system.
"The proposed system must incorporate a MINIMUM of two physically redundant cores located in the City of Milwaukee." (Scope of Work.pdf (4)D #2 pg 16)	With OASIS at least one of the cores, currently located in Waukesha county, would be located outside of the City of Milwaukee
"All proposed site equipment must be owned, operated, controlled, and serviceable by the City of Milwaukee" (Scope of Work.pdf (4)E #1 pg 16)	With OASIS, the City of Milwaukee would not "fully" own or operate the site equipment. The core system would be jointly owned and the city of Milwaukee would control and operate their portion of the core system.
"The broadband solution and all related core components (servers) must be fully owned, operated, controlled, and serviceable by the City of Milwaukee" (Scope of Work.pdf (4)F #1 pg 17)	With OASIS, the City of Milwaukee would not "fully" own or operate the broadband equipment. The core system would be jointly owned and the city of Milwaukee would control and operate their portion of the core system.
"The proposed broadband solution's server must physically or virtually exist at each redundant core within the City of Milwaukee. Cloud based solutions are not acceptable." (Scope of Work.pdf (4)F #2 pg 17)	With OASIS, the broadband solutions server would be physically located in the same location as the core(s)

Requirements that Conflict and Unnecessarily Add Costs

Requirement	Reasons it Conflicts
<p data-bbox="131 247 808 304">"The proposed solution must have a minimum of fourteen (14) sites". (Scope of Work.pdf Section A, #2 pg 11)</p> <p data-bbox="131 325 324 352">CONFLICTS WITH</p> <p data-bbox="131 378 808 457">"Coverage Requirements" (Scope of Work.pdf Section B, #2 pg 14-15). NOTE: in general there are various situations, all with Digital Audio Quality (DAQ) 3.4 with 95% reliability</p>	<p data-bbox="808 247 1487 409">It is more typical to specify coverage requirements (Signal strength or quality and desired coverage percentage) OR to specify the number of sites. As specified, the city of Milwaukee is likely to pay for additional sites that may not be needed. As an example the actual tested and verified OASIS network coverage exceeds all of the cities Coverage Requirements with only 10 sites.</p>