|  | **GENERAL SPECIFICATIONS** | | | | |
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|  | **Specifications** | **Yes** | **No** | **Add-On** | **Additional Information** |
| REQUIRED | 1. Push-to-talk over Cellular Radios shall be web-based with a radio dispatch application/platform. |  |  |  |  |
| 1. No software is required to be installed on computers. |  |  |  |  |
| 1. The number of dispatch logins is for 12 accounts. |  |  |  |  |
| 1. The web-based dispatching software is updated regularly and shall occur with no additional charges from the vendor. |  |  |  |  |
| 1. The software should alert dispatch if a radio has lost cellular connection. |  |  |  |  |
| 1. The dispatch system operability shall not require proprietary headsets, microphones, speakers or dispatch consoles. |  |  |  |  |
| 1. Shall allow for installation (by Tri-Valley) of vehicle hardware alongside an existing radio system. |  |  |  |  |
| 1. Shall have GPS tracking of all bus radios and all handheld portable units. |  |  |  |  |
| 1. Shall have encrypted communications. |  |  |  |  |
| 1. Shall be able to purchase radios outright. Leasing is not an option. |  |  |  |  |
| 1. Tri-Valley currently has a plan with Verizon for cellular communications. The proposed system shall be compatible with the Verizon Network. Cellular services will be paid directly to the carrier. |  |  |  |  |
| 1. All hardware shall come with a minimum 1-year warranty and shall be included in the initial cost of the equipment. |  |  |  |  |
| 1. The guaranteed turn-around time for repairs or replacement of units shall be two weeks or less. |  |  |  |  |
| STRONGLY DESIRED | None |  |  |  |  |
| OPTIONAL | 1. Plug in external high-power speaker. |  |  |  |  |
| 1. Extended hardware warranties for up to five years. (identify in cost estimate and Tri-Valley will choose if they want the extended warranty). |  |  |  |  |
| 1. PTToC should be available for download on agency smartphones. |  |  |  |  |
| 1. Dispatch should be able to be performed from the smartphone in the event of a facility power or internet failure. |  |  |  |  |

|  | **MOBILE RADIO SPECIFICATIONS** | | | | |
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|  | **Specifications** | **Yes** | **No** | **Add-On** | **Additional Information** |
| REQUIRED | 1. Hardware must be capable of being hard-wired into each vehicle and to turn on automatically when the vehicle turns on and powered down when the vehicle is turned off. The estimate shall include the necessary sensors and wiring to accomplish this. |  |  |  |  |
| 1. The mounting hardware shall be capable of being mounted on the vehicle dashboard. The mounting unit does not need to lock. |  |  |  |  |
| 1. All units shall have clear audio reception. |  |  |  |  |
| 1. The Push-to-talk over Cellular Radios hardware shall be ruggedized and rated to withstand dirt, dust, and moisture. |  |  |  |  |
| 1. Push-to-talk over Cellular Radios shall be able to withstand extreme hot and cold temperatures. |  |  |  |  |
| 1. The plug-in type of palm microphone shall also be ruggedized, with a coiled cord. |  |  |  |  |
| 1. All necessary cabling for the radio system to be operational. |  |  |  |  |
| 1. Provide two – 120V AC power supplies, deliver to the Crookston Office. |  |  |  |  |
| 1. An antenna assembly that can be mounted on the driver’s side of the vehicle towards the front of each vehicle. |  |  |  |  |
| STRONGLY DESIRED | None |  |  |  |  |
| OPTIONAL | 1. Plug in external high-power speaker. |  |  |  |  |

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|  | **HANDHELD RADIO SPECIFICATIONS** | | | | |
|  | **Specifications** | **Yes** | **No** | **Add-On** | **Additional Information** |
| REQUIRED | 1. Clear audio reception. |  |  |  |  |
| 1. Ruggedized handheld with belt clip that is rated to withstand dirt, dust, and moisture. |  |  |  |  |
| 1. Must be able to withstand extreme hot and cold temperatures. |  |  |  |  |
| 1. Battery runs for at least 12 consecutive hours. |  |  |  |  |
| 1. Two spare batteries and a charging unit for each portable handheld unit. |  |  |  |  |
| 1. Desktop charging cradle and wall charger for each portable handheld unit. |  |  |  |  |
| 1. IP67 rated. (waterproof) |  |  |  |  |
| STRONGLY DESIRED | None |  |  |  |  |
| OPTIONAL | None |  |  |  |  |