



MOTOROLA

STATEMENT OF WORK

TRWC Expansion Project - City of Fountain Hills, AZ

December 5, 2008

Version 1.0

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1. STATEMENT OF WORK

1.1 OVERVIEW

This statement of work (SOW) outlines a preliminary design/system consultation cost estimate to bring the Fountain Hills Fire and Municipal departments onto the Mesa 800 MHz ASTRO 25 System (TRWC).

1.2 SCOPE OF SERVICES AND DELIVERABLES

The scope of services outlined in this SOW includes phase one of a three-phased approach. The planned phases include:

- ◆ Phase I – Preliminary Engineering Study
- ◆ Phase II – Finalize Detailed Design (not included)
- ◆ Phase III – Implementation (not included)

1.2.1 Phase I – Preliminary Design / System Consultation

Phase I consist of the following components:

- a) Research and Documentation
 - Document business requirements and the communications requirements for the City of Fountain Hills to be met by their addition to the Mesa 800 MHz ASTRO 25 System (TRWC).
 - Document identifiable “gaps” in the existing system that may need to be addressed as part of the overall recommended solution.
 - Provide a traffic analysis for the Fountain Hills users to establish projected capacity requirements.
- b) Console Solution(s)
 - Provide dispatching solutions if required.
- c) Site Simulations:



- Evaluation of Thompson Peak’s radio coverage in the area.
 - Evaluation of other sites based upon Fountain Hills providing an alternate/potential site list.
- d) Preliminary Cost Estimates
- Cost of City of Fountain Hills Fire and Municipal departments’ addition to the Mesa 800 MHz ASTRO 25 System (TRWC).
- e) Preliminary Schedule of Major Milestones

1.2.2 Phase I – Deliverables

Motorola will provide the following documents as part of Phase I – Preliminary Design / System Consultation:

- 1) Preliminary System Description
- 2) System Block Diagram
- 3) Fountain Hills Console Block Diagram
- 4) Traffic Analysis Report
- 5) Site recommendations based on simulation analysis
- 6) Preliminary Cost Estimates
- 7) Projected Timeline

1.3 ROLES AND RESPONSIBILITIES

1.3.1 Motorola

Motorola will:

1. Designate a single individual as the Project Manager whose primary responsibility and authority will be to manage and administer this project to successful completion. This individual is the Motorola point of contact for the City of Mesa/Fountain Hills’ Project Manager. The Project Manager will ensure that all objectives are met within schedule constraints, and provide timely reporting of the overall progress of the project.
2. Work with the City of Mesa/Fountain Hills’ Project Manager in designing and approving the format of an action item log to be used in conjunction with the Project Schedule. The purpose of the log is to identify outstanding issues, provide continual status updates on



specific tasks and to identify responsibilities of the parties.

3. Review and approve customer recommended changes to documents within ten days of receipt.

1.3.2 City of Mesa

The City of Mesa (Project Manager) will:

1. Develop the required Inter-Governmental Agreement with City of Fountain Hills.
2. Act as the primary point of contact representing the TRWC for the project.
3. Identify the efforts required of Mesa and Fountain Hills staff to meet customer task requirements and milestones in the Statement of Work and Project Schedule.
4. Help ensure timely responses to information requests to the Fire and Municipal participants.
5. Ensure that all appropriate Fire and Municipal personnel attend and actively participate in progress reviews, conference calls, and other project meetings.

1.3.3 City of Fountain Hills

The City of Fountain Hills (Project Manager) will:

1. Develop the required Inter-Governmental Agreement with City of Mesa.
2. Act as the primary point of contact to the City of Mesa Project Manager and the Motorola Project Manager.
3. Provide timely responses to issues related to project progress raised by Motorola's Project Manager.
4. Provide detailed reports and/or data to enable analysis of current system usage.
5. Provide an estimate of annual growth in traffic loading over the next 10 years.
6. Provide mutually approved coverage requirements.
7. Monitor the project to ensure that support resources are available as scheduled.
8. Provide any required parking permits to Motorola personnel for restricted access entry.



1.4 **PRELIMINARY DESIGN / SYSTEM CONSULTATION COST**

Price for the Preliminary Conceptual Design study outlined in the sections above is **\$15,000.00**. This price is valid for 120 days from the date on this proposal and excludes any applicable taxes. Motorola recommends a payment schedule of the following:

Milestone	Payment %
Upon Contract Execution	50%
Upon Delivery of Conceptual Design Report and Overall Cost Estimate	50%

If the City of Fountain Hills implements the mutually agreed upon design, the Preliminary Design/System Consultation cost of \$15,000.00 will be credited against purchased equipment and services.

