
THE VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

**RESOLUTION
NO. 2022-R-080**

**A RESOLUTION APPROVING AN CONTRACT BETWEEN THE VILLAGE OF TINLEY
PARK AND MUNICIPAL SERVICES CONSULTING, INC. FOR POLICE DEPARTMENT
SIMULCAST RADIO UPGRADE PHASE #3**

**MICHAEL W. GLOTZ, PRESIDENT
NANCY M. O'CONNOR, VILLAGE CLERK**

**WILLIAM P. BRADY
WILLIAM A. BRENNAN
DIANE M. GALANTE
DENNIS P. MAHONEY
MICHAEL G. MUELLER
COLLEEN M. SULLIVAN
Board of Trustees**

RESOLUTION NO. 2022-R-080

A RESOLUTION APPROVING AN CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND MUNICIPAL SERVICES CONSULTING, INC. FOR SIMULCAST RADIO UPGRADE PHASE #3

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into a/an CONTRACT with MUNICIPAL SERVICES CONSULTING, INC., a true and correct copy of such CONTRACT being attached hereto and made a part hereof as **EXHIBIT 1**; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said CONTRACT be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "CONTRACT" be entered into and executed by said Village of Tinley Park, with said CONTRACT to be substantially in the form attached hereto and made a part hereof as **EXHIBIT 1**.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid CONTRACT.

Section 4: That this Resolution shall take effect from and after its adoption and approval.

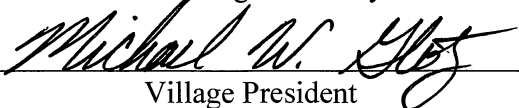
ADOPTED this July day of 19th, 2022, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES: Brady, Brennan, Mahoney, Mueller, Sullivan

NAYS: Galante

ABSENT: None

APPROVED this July day of 19th 2022, by the President of the Village of Tinley Park.



Village President

ATTEST:



Village Clerk

EXHIBIT 1

Service CONTRACT



955 E. Commerce Dr. Suite A, Traverse City, MI 49685
(231) 409-4111 Fax (231) 929-4580
mmachuta@aol.com

July 12, 2022

Mr. John Urbanski, Director
Public Works Department
Village of Tinley Park, IL

Re: Request for Purchase Order for the Police Department Simulcast System Operation and Interconnectivity to the Village Communications System and Dispatch \$193,000.00.
Budget line item "T" \$248,000.00.

Dear Director, Urbanski:

MSC is issuing the project description for the attached PO request.

System Milestones Completed:

- System equipment installed at (10) sites, (3) transmitter sites and (7) receiver sites.
- Site upgrades completed, cabinets, racks, power, HVAC, and initial connectivity to system.

System milestones required for operational completion, system verification, coverage testing, and documentation of system performance are listed in the request for Purchase Order attached. The request for \$193,000.00 completes the operational readiness tasks allocated to MSC. The balance of the budget line item will be issued for subcontractors, network upgrade, tower work and additional equipment requirements for isolation and rejection devices.

Sincerely, Max Machuta



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July 12, 2022

Mr. John Urbanski, Director
Public Works Department
Village of Tinley Park, IL

Re: Request for Purchase Order for the Police Department "Simulcast System" Console Interface, System Testing and Verification. Budget line item "T" \$193,000.00.

Dear Director, Urbanski:

MSC has physically staged the site equipment for the transmitter and receiver sites and is now in the process of final operational testing and verification to include the following.

- Receiver sites (8)
 - Network configuration and latency verification
 - Audio level settings
 - RF receive measurements
- Transmitter sites (3)
 - Network configuration and latency verification
 - Audio level measurements
 - RF receive measurements
 - RF transmit measurements
 - Deviation measurements
 - Phase relationship measurements
 - GPS calibration
- Console interface
 - Audio calibration
 - Audio level setting
 - Network routing
- Coverage testing
 - System quality
 - Village wide testing
 - Complete documentation of testing results
- Request covers services and equipment from MSC and the factory .
- Subcontractor services for network upgrade, tower, antenna, and equipment will be issued from the balance of the budget line item.

Sincerely, Max Machuta

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, NANCY M. O’CONNOR, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2022-R-080, “**A RESOLUTION APPROVING AN CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND MUNICIPAL SERVICES CONSULTING, INC. FOR SIMULCAST RADIO UPGRADE PHASE #3,**” which was adopted by the President and Board of Trustees of the Village of Tinley Park on July day of 19th, 2022.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this July day of 19th, 2022.

VILLAGE CLERK



Interoffice Memo

Date: August 3, 2022
To: Pat Carr – Village Manager
From: John Urbanski – Public Works Director
Subject: Purchase Request – PD Simulcast Radio Upgrade Phase #3 (Final)

Presented for the Committee of the Whole/Village Board Meeting consideration and possible action.

Description: As a main operational function of the Police Department's activities, the radio system receives annual maintenance checks. In response to an increase of "issues" compared to our standard of reliability for a system our size (over 90,000 transmissions per year at 98% reliability), staff requested an updated review and recommendation.

In response to findings, research to better improve the system coverage and operation for improved inbuilding coverage throughout the Village led staff to engineer a multi-site (simulcast) system operation. In conjunction with the findings of the system analysis along with improvements in technology, it was this recommendation that would assist with increased coverage and reduce some of the issues previously experienced within the Village. Currently, the radio system transmits to dispatch from a single site when field operations occur. This limits the potential of the system and signal. A simulcast system allows multiple transmitters at multiple locations, therefore creating a larger coverage footprint. This upgrade allows for a (3) site simulcast system that will allow migration to P25 VHF operation (digital) and upgrade and (8) receiver sites in (10) existing locations and (1) new location (Post #1).

Finishing the phased approach of improvements with this final purchase, staff recommends purchasing the remaining equipment for Phase #3 of the system.

This phase includes installation of purchased equipment from Phase #2 Village Board approval, August 2021. Equipment consists of network gear, multiplex equipment, multicoupler equipment, UPS and labor for installation of entire system as proposed in previous phases. It is the recommendation of staff that the Village Board approve project coordination for the remaining equipment and installation by Municipal Services Consulting (MSC) to our simulcast upgrade as reflected in the attached proposal of \$193,000.

Staff Direction Request:

1. Approve Purchase Order for Phase #3 equipment installation and project coordination with Municipal Services Consulting, in the amount of \$193,000 for simulcast equipment at a total of eleven (11) sites as requested and approved in the FY22 budget.
2. Direct Staff as necessary.

Attachment:

1. Municipal Services Consulting Proposal
2. MSC Description and Justification Letter



CONTRACT AND DOCUMENT APPROVAL CHECKLIST

Ordinance/Resolution No: _____

Exhibits Attached: Yes _____ No _____

Contracting Party/Vendor: _____

Contract Contact Info: _____

Bid Opening Date (If applicable): _____

Mylar (Rcvd by Clerk's Office): Y / N - Date Sent for Recording: _____ Date Recorded: _____

Certificates of Insurance Received: Yes _____ No _____

Contract Expiration: Date: _____

Signature of Contracting Party received: Yes _____ Date: _____

Staff Review Date: _____ Approved Via: _____ By: _____

Attorney Review: Date: _____ Approved Via: _____ By: _____

Village Manager Review: Date: _____ Approved Via: _____ By: _____

Committee Review Date: _____ Committee Type: _____

Committee Approval Date: _____ Committee Type: _____

Village Board Meeting: Date: _____

Village Board Approval: Date: _____ Approved: _____ Denied: _____

Notes: