

July 30, 2024

Submitted to:

Tom Bacome
City of El Mirage
10000 North El Mirage Road
El Mirage, AZ 85335

Submitted by:

Matt Cole
Technology Providers, Inc.

PROPOSAL DOCUMENT

Granicus Streaming
COEM24009



5402 South 40th Street
Phoenix, AZ 85040
www.technprov.com

Scope of Work

The City of El Mirage would like to add streaming capabilities to its currently installed AV system. They would like to use and provide the Talon Desktop Encoder. TPI is proposing the following to incorporate the request.

TPI will provide and install a new Crestron 2 channel 4k HDMI output card into the Currently installed Crestron DM Matrix Chassis. TPI will utilize the HDMI output connected to a TPI-provided and installed Extron Audio Embedder. This will allow the council chamber's microphone system to be embedded into the stream. The Mixed audio and video will be connected via HDMI from the Extron audio embedder to the Talon encoder for streaming. TPI will update the control system to add the stream as a selectable destination from the control panel. TPI will make the needed audio adjustments for the audio being embedded into the video feed in the DSP.

The City of El Mirage will provide the encoder for TPI to install. The city will work with Granicus to complete the streaming service to various hosts, such as YouTube or Facebook. TPI has allotted some time for a return trip to make final adjustments once streaming has been set up.

1. Project Summary Pricing

| | |
|--|-------------------|
| Equipment Cost | \$1,912.94 |
| Materials Cost | \$28.57 |
| Professional Services - Project Management | \$250.00 |
| Professional Services – Engineering | \$540.00 |
| Professional Services – Custom Programming | \$600.00 |
| Technician Labor – Jobsite Installation & Integration | \$570.00 |
| Professional Services – Testing and Commissioning | \$600.00 |
| Expenses - Freight | \$40.00 |
| Sales Tax | \$274.53 |
| Total Base Proposal | \$4,816.04 |

2. Professional Services Provided

Our proposal includes the sale of equipment as well as the following Professional Services to provide a turnkey proposal:

- Installation Technician
- Shop Assembly Technician
- Project Management
- Project Supervision
- Design and Project Engineering
- Drafting
- System Software Design and Development
- Training and Administration

3. Correspondence – Your Primary TPI Representative’s Contact Information

Matt Cole

[V] (480) 857-0099 [F] (480) 857-2288

mcole@technoprov.com

4. Additional Services – Out of Scope Considerations

Our proposal is a complete package as defined in the Description of Services and is based on a set amount of time to complete the project. Any additional time and materials required to facilitate requested changes, required changes due to the actions of other trades, or required changes due to misinformation are out of the scope of this proposal. TPI will quote each instance as a change order, and each will require written client approval prior to engagement. Each change order will be a separate transaction and will be scheduled, billed, and completed within its own timeline, bound by the terms and conditions of this proposal.

5. Exceptions and Exclusions

Our proposal is a complete package as defined in the Description of Services. Our services include installation of all proposed equipment and all associated cabling and labor unless otherwise directed by the owner. At a minimum, the client is responsible for the following items:

- Conduit and high-voltage work required for AV equipment.
- Finish work including drywall, paint, and wall/ceiling framing.
- IT network connectivity, setup, and configuration.
- Furniture or millwork modification.

6. Owner Furnished Equipment

Our proposal may include the use of owner furnished equipment which will be referenced in Owner Furnished Equipment Section of this proposal. The following restrictions are placed on this equipment.

- The client is responsible for shipping any designated equipment to the nearest TPI office for integration.
- TPI is not responsible for any damage caused to OFE during transportation/decommission/installation.
- No additional warranties are applied to the owner furnished equipment allocated to this project.

7. Network Connections

Many of our systems are required to have network connections for functionality, communications, and diagnostics. In these cases, TPI requires physical connections and dedicated IP addresses for our systems to perform as designed. TPI will furnish the network requirements for this project and will coordinate with client IT personnel during the design and submittal phase of the project. Any delays or oversights in providing the network connectivity requirements as agreed upon during the submittal phase may cause additional services to be performed as described in Section 5.

8. Custom Control and Configuration Software

All custom control and configuration software required for this project is provided to the client as a site license copy and is authorized for the exclusive use on the system(s) defined in this proposal. TPI from time to time will incorporate proprietary software programs and modules in order to satisfy the budget, timeline, and design requirements of the project. The proposed cost for any custom control and configuration software reflects the use of these programs and modules.

Proprietary programs and modules are furnished by various manufacturers, including TPI, and as such are issued as compiled objects with no rights or access to the source code. The maintenance, use, and instructions for these programs and modules are provided by each manufacturer to ensure the client receives a complete and functional product.

At final written acceptance for the project, TPI will furnish the client with a compiled and protected version of the entire software package. TPI will furnish the client with all exclusive source code for this project as well as accompanying compiled programs and modules from the various manufacturers at the end of the system warranty period or at a time the client is comfortable releasing TPI of its system warranty obligations.

9. System Testing and Evaluation

Every integrated system is fully tested for optimum performance based on manufacturers' specifications and functionality outlined in the scope of work. Our process includes a comprehensive quality checklist to ensure reliable performance. Results of this process are formatted and may be submitted to the formal job record.

10. Closeout Documentation and Materials

To minimize the use of paper products and reduce the overall cost of this project, TPI will furnish closeout documentation and materials in electronic form where possible. Using the preferred delivery method of the client, TPI will deliver the electronic package upon final acceptance of the project. The client may request hard copies of this material at an additional charge.

11. Work Schedule

Unless otherwise noted, all work proposed will be conducted during regular business hours Monday through Friday. Proposed work is based on a 40-hour work week having 8-hour workdays. All work is scheduled at a minimum of one week in advance. Changes to the work schedule may be made by the customer with recognition and acceptance of any additional costs required to support overtime, weekend, or holiday pay rates.

12. Job Quality

All personnel assigned to this project are required to meet strict guidelines for the purpose of professional conduct and exceptional workmanship. Our staff carries certifications and has completed training as required by our industry and the manufacturers we represent. Our engineering practices include the effective application of document control, shop/lab testing and validation, and exhaustive research conducted on new products, methodologies, and materials. Project management processes feature real-time reporting of progress and exceptional record keeping and communications. TPI uses the best in quality integration materials from leading manufacturers and we feature one of the best inventories of high-performance test and measurement tools and the knowledge of effective use of this instrumentation. All primary systems are built and staged in our regional shops prior to site installation. Within these processes, we conduct a well-documented series of quality control checks.

13. Standards and Compliance

TPI is a licensed and bonded contractor with the capacity to carry project specific performance bonds at a reasonable market rate. All work is performed in accordance with the latest revisions of applicable codes and standards including the National Electric Code and local government codes and regulations for construction and building.

14. System Warranty

This proposal comes with a one-year, all inclusive, system warranty unless otherwise directed by the client. The warranty period commences upon written acceptance of substantial completion or upon the client's first use of the system for its intended purpose.

Covered workmanship:

Should any part of the system fail due to faulty cable installation, faulty cable termination, or any other negligent act of labor by TPI, the company will repair the deficiency at no cost to the client during the warranty period.

Covered hardware and components:

Each manufacturer's warranty period is unique and will be honored by TPI for its entire term. Should any product need replacing during the system warranty period, we will repair or replace the defective product at no cost to the client unless the defect is caused by user negligence or misuse. Upon expiration of the system warranty period, TPI can process and handle a valid warranty claim charging the client for labor and expenses at the published rates.

Response & Obligations:

Upon formal service request submittal, TPI will conduct remote diagnostics and troubleshooting to expedite a solution. Based on the outcome of the first response we may need to schedule and conduct an on-site visit to provide a resolution.

A formal request is defined as a request submitted to TPI through the online BlueFolder portal (link provided in next sub-section). Emails, phone calls or text messages are not a form of a formal request—any communication of those types does not guarantee a response time.

Handling a request for service:

Once a request for service has been established, our service department will process the request per the current terms of the system warranty. We maintain a full-service integration facility and our service department can be reached during normal business hours via telephone as well as our online service portal. tpi.bluefolder.com/portal

Our normal business hours are Monday through Friday, 8:00 a.m. to 5:00 p.m. For service outside of an active warranty period, labor and expenses will be charged at the published rates.

Exclusions to this warranty program:

This system warranty does not cover system or product defects resulting from user negligence, misuse, alterations, or modifications. Work performed on the system during the active warranty period by others terminates the system warranty and removes TPI from any continued obligations and liability.

Additional/Optional Service Programs***Preventative Maintenance:***

Preventative Maintenance (“PM”) is onsite system evaluation to restore, repair and extend the life of your system. TPI focuses on the following five areas during a preventative maintenance visit: record equipment status and usage rate, clean and restore components to extend life, recommend equipment replacement, predict replacement costs for budget, and improve system reliability.

Preventative Maintenance is sold as an addition to the standard proposal warranty. PM service plans are unique to each proposal, and only cover equipment that has been sold as part of this proposal. This excludes all/any owner furnished and box sale equipment.

Guaranteed Service Response:

Guaranteed Service Response (“GSR”) is a determined response time to any formal service request. Upon request, TPI will respond and be onsite, within a pre-determined time frame.

Guaranteed Service Response is sold as an addition to the standard proposal warranty. GSR service plans are unique to each proposal, and only cover equipment that has been sold as part of this proposal. This excludes all/any owner furnished and box sale equipment.

15. Site Access

Costs proposed consider that jobsite access is unrestricted and can occur during regular business hours unless otherwise agreed and noted in this proposal. Unforeseen restrictions may affect the project schedule and proposed costs. Parking and delivery restrictions must be identified in advance to avoid disruption to the project schedule.

16. Unforeseen Hazards

Costs included in the proposal do not account for any unforeseen hazards such as faulty existing wiring, dangerous structure, hazardous materials, or any other issues that could affect safety and proposed costs. It is TPI's practice to avoid adding contingency costs to our proposed fees by accounting for elements that affect costs in a fair and equitable manner.

17. Covid-19 Impact on Global Supply Chain

With the COVID-19 pandemic continuing to spread, it has built a domino effect of disrupting major supply chains worldwide. In our industry, the COVID pandemic has caused a rising demand in system processing, which in turn, has resulted in a severe shortage in semiconductors, panels, memory, and other related components.

These issues will likely have an impact on our products and cause delays in the completion of our projects. Technology Providers, INC, is always striving to provide the upmost consistency to our customers. However, we are asking for your understanding in this difficult time.

18. Use of this Document

Concepts, ideas, and details included in this document, developed by TPI, represent intellectual property and in whole or part are considered a product of a limited-service engagement between TPI and the client. Both parties must provide consent or permission to use or share the content of this document and attached data with others.

19. Payment Schedule

- Integration Sales - 30% deposit upon Signed/Accepted Agreement. Payment is due upon receipt of the invoice.
- 50% of equipment cost to be invoiced at time of ordering.
- Payments due Net30 days, 2% interest charge on overdue invoices.
- Progress invoices will be submitted monthly based on the percentage of project completion.
- All invoices will be accompanied by supporting documentation if required.
- Standard products and materials will be included in progress invoices upon receiving such items at TPI's facility or the project site.

Please initial for acceptance of these terms: _____

20. Acceptance of Proposal

An authorized representative of the client and the principal representing TPI may indicate acceptance of this proposal in the designated areas below. Unless otherwise noted, this proposal is valid for 30 days from the date of submission. In the event of a manufacturer-imposed price increase, TPI will notify the client and may need to collect additional funds to cover the increase in costs. This proposal may serve as an attachment to other binding agreements.

TPI will provide an immediate acknowledgement of receipt and will advise you of any time required to review and approve any supplemental documents such as sub-contractor agreements, purchase/work order terms & conditions or any other attachment exhibits required to successfully engage TPI as your contractor. During this process TPI reserves the right to amend and revise this proposal to account for your additional cost or risk in a fair and equitable manner.

*The above prices, specifications and conditions are hereby accepted. TPI is authorized to begin work on this project as outlined in this proposal. I understand that by signing this proposal I agree that TPI will be engaged as my systems integrator. **I also agree that the project schedule will commence on the day that this executed agreement is delivered to the company.***

Agreed to on behalf of **City of El Mirage**

Signature: _____

Date: _____

Print

Name: _____

Title: _____

Agreed to on behalf of **Technology Providers, Inc.**

Signature: _____

Date: _____

Print

Name: _____

Title: _____

21. Parts & Equipment – Bill of Materials

| Item Description | Qty | Price | Ext. Price |
|--|-----|------------|-------------------|
| Streaming | | | |
| Crestron DMC-4KZ-HDO, 2-Channel HDMI 4K60 4:4:4 HDR Scaling Output Card for DM Switchers | 1 | \$1,285.71 | \$1,285.71 |
| C2G 50182, 6ft. C2G Performance Series Premium High-Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated | 1 | \$16.14 | \$16.14 |
| Extron HAI 100 4K PLUS, 4K/60 HDMI Audio Embedder | 1 | \$597.40 | \$597.40 |
| C2G 50181, 3ft. (0.9m) C2G Performance Series Premium High-Speed HDMI Cable - 4K 60Hz In-Wall, CMG (FT4) Rated | 1 | \$13.69 | \$13.69 |
| ** Materials ** | | | |
| TPI Installation materials | 1 | \$28.57 | \$28.57 |
| <i>Section Total</i> | | | \$1,941.51 |

22. Owner Furnished Equipment

| Item Description | Qty |
|--|-----|
| Streaming: OFE TALON DESKTOP ENCODERS 4K-SC, Streaming Encoder 12G-SDI HDMI2.0 Encoding up to 4096x2160p60 | 1 |