

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES SPECIAL MEETING**

Tuesday, March 2, 2021

7:00 PM



In-Person Meeting

AUDIO ONLY CALL IN PARTICIPATION

Zoom Webinar Link: <https://us02web.zoom.us/j/87695163827>

Dial-in number: 1- 888-475-4499

Webinar ID: 876 9516 3827

CALL TO ORDER AT _____ P.M.

A. ROLL CALL: Kurt Heise_____, Mark Clinton_____, Chuck Curmi_____,
Bob Doroshewitz_____, Jerry Vorva_____, Audrey Monaghan_____,
John Stewart_____

B. PLEDGE OF ALLEGIANCE

C. RULES/PROCEDURES FOR TONIGHT'S MEETING – *Supervisor Kurt Heise*

D. APPROVAL OF AGENDA

Tuesday, March 2, 2021

E. APPROVAL OF CONSENT AGENDA

E.1 Approval of Minutes:

Regular Meeting - Tuesday, February 23, 2021

E.2 Acceptance of Communications, Resolutions & Reports – N/A

E.3 Approval of Township Bills: N/A

F. PUBLIC COMMENT (*Limited to 3 Minutes*)

**CHARTER TOWNSHIP OF PLYMOUTH
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G. NEW BUSINESS

1. Two (2) Resolutions to Reinstate and Transfer Brownfield Plan for 47500 Five Mile Road, **Resolution # 2021-03-02-13, and Resolution # 2021-03-02-14**, *Supervisor Kurt Heise*
2. Police Dept. Purchase and Upfit of Five Vehicles, **Resolution # 2021-03-02-15**, *Police Chief Tom Tiderington and Lieutenant Daniel Kudra*
3. Proposed Adjustments to Fee Schedules in Building and Planning, *Laura Haw, Township Planner and Cheri Palmarchuk, Building Dept. Coordinator*
4. Award of Upgrade of Board Room Sound System Bid, **Resolution #2021,03-02-16**, *Clerk Jerry Vorva*

H. PUBLIC COMMENT (*Limited to 3 Minutes*)

I. BOARD COMMENTS

J. ADJOURNMENT

PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks' notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800649-3777 (Michigan Relay Services)

The public is invited and encouraged to attend all meetings of the Board of Trustees of the Charter Township of Plymouth

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Dial-in number: 1-888-475-4499

Webinar ID: 892 0371 0079

CALL TO ORDER AT 7:00 P.M. by Supervisor Heise.

A. ROLL CALL: PRESENT: Kurt Heise, Supervisor
Mark Clinton, Treasurer
Jerry Vorva, Clerk
Chuck Curmi, Trustee
Audrey Monaghan, Trustee
John Stewart, Trustee
Bob Doroshewitz, Trustee, via Zoom from Orlando, FL

B. PLEDGE OF ALLEGIANCE – Jerry Vorva, Clerk

C. RULES/PROCEDURES FOR TONIGHT'S MEETING – *Supervisor Kurt Heise*
Supervisor Heise reviewed the procedures for audio-only Zoom and call-in procedures.

D. APPROVAL OF AGENDA

Tuesday, February 23, 2021

Moved by Clerk Vorva and seconded by Trustee Monaghan to approve the agenda for the Board of Trustees regular meeting of February 23, 2021. Ayes all.

Copies of resolutions or attachments listed below are available in the Clerk's office for public perusal.

E. APPROVAL OF CONSENT AGENDA

E.1 Approval of Minutes:

Regular Meeting - Tuesday, February 9, 2021

E.2 a. Ridge Road - Adient Watermain Easement, Resolution # 2021-02-23-11, Jeremy Schrot, Township Engineer

b. New Vehicle for Fire Inspector, Resolution # 2021-02-23-12, Fire

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Chief Dan Phillips

E.3 Acceptance of Communications, Resolutions & Reports – N/A

E.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	892,958.06	244,387.12	1,137,345.18
Solid Waste Fund	226	6,881.97	109,864.16	116,746.13
Improvement Revolving (Capital)	246	.00	.00	.00
Drug Forfeiture Fund	265	.00	.00	.00
Drug Forfeiture State	266	00	.00	00
Drug Forfeiture IRS	267	.00	.00	.00
Golf Course Fund	510	.00	.00	.00
Senior Transportation	588	7955.73	622.94	8,578.67
Water/Sewer Fund	592	328,236.00	42,385.27	370,621.27
Trust and Agency	701	.00	.00	.00
Police Bond Fund	702	600.00	.00	600.00
Tax Pool	703	00	.00	00

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Special Assessment Capital	805	00	4,725.50	4,725.50
TOTALS:		1,236,631.76	401,984.99	1,638,616.75

Moved by Clerk Vorva and seconded by Trustee Clinton to approve the consent agenda for the Board of Trustees regular meeting of February 23, 2021. Ayes all on a roll call vote.

F. PUBLIC COMMENT (*Limited to 3 Minutes*)

Resident Bob Harris expressed his objections to the hiring of an Economic Development Coordinator.

G. NEW BUSINESS

1. Hilltop Golf Course Annual Report, *Tony Moscone, AMV Golf Management*

Mr. Moscone reported on the unusual year of 2020, which was actually beneficial for golf and resulted in net operating income of \$102,829.88. This total is divided equally with the Township. With \$25,000 to be returned from the Township, they hope to improve or replace air conditioning in the clubhouse for \$4,200, repair and add to the cart path for \$3,500, make irrigation improvements at \$6,800, do tree maintenance for \$6,000, and repair and add drains to the course for \$5,000. Among other improvements they hope to make with additional funding are an outside seating/eating area, upgrading the golf cart fleet, and rebuilding and adding tee boxes.

2. Contract for Economic Development Coordinator, **Resolution # 2021-01-26-07**, *Supervisor Kurt Heise*

Board members expressed their concerns or support for having a coordinator. Among items discussed were whether the position should have been advertised, terms of the contract and how they've been modified since last presented, and benefits that may be derived because of the position and losses that might be prevented.

Mr. Heitman addressed the Board and answered questions regarding the pro bono work done while serving as Trustee with realtors, developers, and businesses. They are often interested in knowing about the quality of life in the area and the availability of human

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resources. He also often worked with educators such as Schoolcraft College regarding relevant education and available staffing.

Duane Zantop expressed his objections to hiring an Economic Development Coordinator.

Beth Birmingham expressed her support for the hiring of the coordinator.

Moved by Supervisor Heise and seconded by Clerk Vorva that the Board of Trustees authorize the Supervisor to sign the attached Professional Independent Contractor Agreement with Mr. Gary Heitman and pursuant to the terms and conditions described therein.

ROLL CALL: AYES:	Heise, Vorva, Stewart, Clinton
NAYS:	Curmi, Monaghan, Doroshewitz

Motion carried.

Estelle Oliansky, by phone, asked why the Board didn't allow Trustee Curmi do the job for free.

H. PUBLIC COMMENT (*Limited to 3 Minutes*)

I. BOARD COMMENTS

Mr. Heise thanked everyone for their attendance, noting that the Board is doing their best to protect constitutional rights as well as safety. He also noted the work of the Township during the pandemic

The next Board meeting will be held on March 2 as a special meeting so items may be voted upon, and the regular meeting will be held on March 9.

Clerk Vorva updated Board members on two election audits and thanked the election workers for doing a great job.

Treasurer Clinton appreciated the discussion tonight on both items. He believes people understand that investment promotes growth, as it has in the golf course and will in the hiring of an Economic Development Coordinator.

Trustee Stewart noted his support of the golf course and the job they did. He thanked Fire Chief Phillips for scheduling vaccinations Fire Departments. He also thanked the Police Chief and Township employees and Gary Heitman.

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Trustee Monaghan thanked Mr. Moscone and his staff for their dedication to the golf course. She also thanked the Board members for the honest discussion about the economic development need and wished Gary Heitman success.

Trustee Doroshewitz commented on Rivian moving operations out of state.

Supervisor Heise noted that many components of Rivian's operation are still located here, though some of their operations are moving to California.

Trustee Curmi was thankful for the audio provided for people at home. He had questions regarding the 35th District Court reports and sidewalk repairs.

J. ADJOURNMENT

Moved by Clerk Vorva and seconded by Trustee Stewart to adjourn the meeting at 8:50 p.m.

Jerry Vorva, Township Clerk



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: March 2, 2021

ITEM: Two (2) Resolutions to Reinstate and Transfer Brownfield Plan for 47500 Five Mile Road

PRESENTERS: Supervisor Heise

BACKGROUND: In February of 2018, Plymouth and Northville Townships and the Michigan Land Bank created the Michigan International Technology Center Redevelopment Authority (MITC) which captures a portion of the tax increment in the former DeHoCo Prison sites to fund cleanup of contaminated areas, and to build the infrastructure improvements necessary for the redevelopment of the sites.

Later, on September 11 of that year, the Township Board approved a Brownfield Plan for "Site #3," at the southeast corner of Five Mile and Ridge Roads; a site intended for the Verita Company. That plan was approved while the property was still owned by the State Land Bank which made both environmental and non-environmental brownfield redevelopment costs eligible for tax increment financing (TIF).

After the redevelopment of Site #3 stalled, the Township Board abolished the plan on December 10, 2019 at the recommendation of the Land Bank, presuming that it would subsequently be included in the MITC's area-wide brownfield plan, which had yet to be approved by the State. However, that process resulted in the property **losing** eligibility for TIF reimbursement of non-environmental costs - because before the property could be included in the MITC's brownfield plan, the Land Bank sold the property to a private developer (Hillside Realty Investments).

Tonight, the Board needs to **reinstate** the original 9/11/18 Site #3 Brownfield Plan and then **transfer** that Brownfield plan to the MITC for adoption into the MITC's overall Redevelopment Area Brownfield plan. Those actions will protect the property's eligibility for reimbursement of the costs of non-environmental activities, which will be a significant component of financial viability for a future development on the property.

The MITC's Technical Consultant, James Harless, describes this restoration and transfer process in greater technical and policy detail in the attached memo.

I am requesting two separate motions – one to restore the Brownfield Plan for Site #3, and the second to transfer the restored plan to the MITC.

PROPOSED MOTION #1: I move that the Plymouth Township Board of Trustees adopt Resolution 2021-03-02-13 reinstating the Brownfield Plan for Site #3 located at 47500 Five Mile Road that was originally approved by the Board on September 11, 2018.

PROPOSED MOTION #2: I move that the Plymouth Township Board of Trustees adopt Resolution 2021-03-02-14 transferring the Brownfield Plan for Site #3 located at 47500 Five Mile Road to the Michigan International Technology Center Redevelopment Authority (MITC).

Motion #1

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi,___ Clinton, ___Stewart, ___Doroshewitz, ___Monaghan, ___Heise

Motion #2

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi,___ Clinton, ___Stewart, ___Doroshewitz, ___Monaghan, ___Heise

MEMORANDUM

TO: Kurt Heise

FROM: James Harless, PhD, CHMM

DATE: February 17, 2021

SUBJECT: Parcel 13 Brownfield Plan Transfer to MITC

Act 381 allows property that is owned or controlled by a land bank to be included in a brownfield plan as blighted property while it is owned or controlled by the landbank. When included in a brownfield plan under those circumstances, the costs for both environmental (department specific; EGLE eligible) and non-environmental (MSF eligible; e.g., site preparation) activities needed to redevelop the property are eligible for reimbursement under the brownfield plan. Those eligibilities remain with the property when it is subsequently transferred to another party for redevelopment. If a land bank property that is located in a non-core community, such as Plymouth Township, is included in a brownfield plan after transfer of ownership, the new owner is not eligible for reimbursement of the costs of non-environmental activities.

MITC Parcel 13, at the southeast corner of Five Mile Road and Ridge Road, was included in a brownfield plan by the Plymouth Township Brownfield Redevelopment Authority, which subsequently was approved by the Plymouth Township Board on September 11, 2018, in accordance with the requirements of Act 381, while owned by the State Land Bank Authority (the Land Bank). Ownership of Parcel 13 was later transferred to Hillside Realty Investments (Hillside), which planned to redevelop it. Since the parcel was included in an approved brownfield plan while owned by the Land Bank, the Hillside redevelopment was eligible for reimbursement of the costs of eligible environmental and non-environmental activities necessary to support the redevelopment.

After the brownfield plan was approved, Plymouth Township and Northville Township entered into an Act 8 Interlocal Agreement. That agreement transferred responsibility and authority for management of redevelopment and Act 381 brownfield tax increment financing activities for all property in the Michigan International Technology Center Redevelopment Authority (MITC) redevelopment area, including Parcel 13, to MITC. MITC is now requesting that the Plymouth Township Board transfer responsibility for the approved brownfield plan for Parcel 13 to MITC in accordance with the Interlocal Agreement (Amendment Resolution). MITC will assume responsibility for the Parcel 13 Act 381 program by amending the current MITC redevelopment area brownfield plan to incorporate the previous Parcel 13 brownfield plan. This process will allow the developer to maintain eligibility for reimbursement of both environmental and non-environmental eligible activities, which is critical for the economic viability of the proposed redevelopment.

Simultaneous with transferring responsibility for the Parcel 13 brownfield plan to MITC, the Plymouth Township Board is requested to nullify all previous actions between initial approval and current transfer of the Parcel 13 brownfield plan, including prior abolition of the plan under Section 14(8) of Act 381 in December 2019 (Plan Reinstatement Resolution). Section 2(p)(vi) of the Act states that "undeveloped property that was eligible property in a previously approved brownfield plan abolished under section 14(8)" remains eligible property; therefore, the previous termination and requested rescission of that termination should not impact the eligibilities of the property or the redevelopment activities. The requested actions will reflect the Plymouth Township Board's intent to transfer the Parcel 13 brownfield plan to MITC while

maintaining all property and redevelopment activity eligibilities available under the plan as originally approved.

Any interpretations of Act 381 in this memorandum are independent consultant interpretations and do not represent legal opinions. Legal opinions, if desired, should be obtained from competent legal counsel.

**CHARTER TOWNSHIP OF PLYMOUTH
RESOLUTION # 2021-03-02-13**

**RESOLUTION TO REINSTATE SITE #3 BROWNFIELD PLAN
PURSUANT TO AND IN ACCORDANCE WITH THE PROVISIONS OF
ACT 381 OF THE PUBLIC ACTS OF THE STATE OF MICHIGAN OF 1996, AS AMENDED**

At a regular meeting of the Township Board of Trustees of the Charter Township of Plymouth, Wayne County, Michigan, held in the Plymouth Town Hall on the ____ day of _____, 2021 7:00 pm.

PRESENT:

ABSENT:

MOTION BY:

SUPPORTED BY:

WHEREAS, on September 11, 2018, in accordance with Public Act 381 of 1996, the Brownfield Redevelopment Financing Act, as amended (the Act), the Board of Trustees adopted a Brownfield Plan for Site #3, for property owned by the State Land Bank Authority and located at 47500 Five Mile Road; and

WHEREAS, on December 10, 2019, the Board of Trustees approved a Resolution to abolish the Brownfield Plan for Site #3 in accordance with Section 14(8) of the Act; and

WHEREAS, the subsequent property owner, Hillside Investments, LLC, has now proposed a project that includes the same or similar eligible activities to those included in the prior Brownfield Plan for Site #3;

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Plan Reinstated. The Plymouth Township Brownfield Redevelopment Authority Site #3 Brownfield Plan is hereby reinstated.
2. Repeals. All resolutions or parts of resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

AYES:

NAYES:

ABSTAINED:

RESOLUTION DECLARED ADOPTED.

STATE OF MICHIGAN)

)ss.

COUNTY OF WAYNE)

I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Plymouth, County of Wayne, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by Plymouth Charter Township Board of Trustees at a regular meeting held on the _____ day of _____, 2021, the original of which resolution is on file in my office.

IT WITNESS WHEREOF, I have hereunto set my official signature, this _____ day of _____ [month], _____ [year].

CLERK JERRY VORVA

CHARTER TOWNSHIP OF PLYMOUTH

**CHARTER TOWNSHIP OF PLYMOUTH
RESOLUTION # 2021-03-02-14**

**RESOLUTION TO AMEND SITE #3 BROWNFIELD PLAN
PURSUANT TO AND IN ACCORDANCE WITH THE PROVISIONS OF
ACT 381 OF THE PUBLIC ACTS OF THE STATE OF MICHIGAN OF 1996, AS AMENDED**

At a regular meeting of the Township Board of Trustees of the Charter Township of Plymouth, Wayne County, Michigan, held in the Plymouth Town Hall on the ____ day of _____, 2021 7:00 pm.

PRESENT:

ABSENT:

MOTION BY:

SUPPORTED BY:

WHEREAS, on September 11, 2018, in accordance with Public Act 381 of 1996, the Brownfield Redevelopment Financing Act, as amended, the Board of Trustees adopted a Brownfield Plan for Site #3, for property owned by the State Land Bank Authority and located at 47500 Five Mile Road; and

WHEREAS, pursuant to an Interlocal Agreement executed and approved by the Governor on December 27, 2018, the subject parcel is located within jurisdiction of the Michigan International Technology Center Redevelopment Authority; and

NOW, THEREFORE, BE IT RESOLVED THAT:

The Plymouth Township Brownfield Redevelopment Authority Site #3 Brownfield Plan is hereby amended to assign and incorporate all eligible activities to be conducted to the jurisdiction of the Michigan International Technology Center Redevelopment Authority's Act 381 Brownfield and Work plans.

AYES:

NAYES:

ABSTAINED:

RESOLUTION DECLARED ADOPTED.

STATE OF MICHIGAN)

)ss.

COUNTY OF WAYNE)

I, the undersigned, the duly qualified and acting Clerk of the Charter Township of Plymouth, County of Wayne, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by Plymouth Charter Township Board of Trustees at a regular meeting held on the ____ day of _____, 2021, the original of which resolution is on file in my office.

IT WITNESS WHEREOF, I have hereunto set my official signature, this ____ day of _____ [month], _____ [year].

CLERK JERRY VORVA

CHARTER TOWNSHIP OF PLYMOUTH



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: March 2, 2021

ITEM: Police Department Purchase and upfit of Five (5) 2021 Model Year Vehicles.
Resolution #2021-03-02-15

PRESENTER: Lt. Daniel Kudra

BACKGROUND:

The Police Department is seeking Board approval to purchase five (5) new vehicles. We are planning to purchase three (3) 2021 Ford Police Interceptor Utilities, one (1) 2021 Ford Explorer and one (1) 2021 Ford Expedition SSV. Four of these vehicles will also need to be upfitted. Two of the five planned vehicles will be purchased and upfitted with General Fund dollars from account 101-305-970.000 and three of the vehicles will be purchased and upfitted using Federal Forfeiture dollars from Account 265-300-978.000. The total cost for the purchase and upfit of these vehicles not to exceed \$234,200.00. Pricing on these vehicles is through the State bid process.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the Police Department to purchase and upfit five (5) new vehicles for a total cost not to exceed \$234,200.00. (\$95,000.00 out of the General Fund and \$139,200.00 out of the Federal Forfeiture Account).

PROPOSED MOTION: I move to approve Resolution #2021-03-02-15 authorizing the Plymouth Township Police Department to purchase and upfit five new vehicles, not to exceed \$95,000 of the General Fund Capital Outlay and not to exceed \$139,200.00 out of the Federal Forfeiture Outlay and authorizing the Finance Director to appropriate \$42,700.00 to 265-300-970.000 Federal Drug Forfeiture Capital Outlay Fund for the purchase of the third vehicle.

Moved By _____ Seconded By _____

ROLL CALL:

____ Heise, ____ Vorva, ____ Clinton, ____ Curmi, ____ Doroshewitz, ____ Stewart, ____ Monaghan

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES**

**RESOLUTION # 2021-03-02-15
PURCHASE OF 2021 MODEL YEAR POLICE DEPARTMENT VEHICLES**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on March 2, 2021, the following resolution was offered:

WHEREAS, The Charter Township of Plymouth Police has requested approval to purchase five (5) 2021 model year police department vehicles in accordance with the attached specifications; and

WHEREAS, two of the vehicles are to be purchased from the Police Department's General Fund 2021 Budgeted Capital Outlay account 101-305-970.000 not to exceed \$95,000.00, and three of the vehicles are to be purchased from the Federal Forfeiture Funds Capital Account 265-300-970.000 not to exceed \$139,200.00; and

WHEREAS, the Board is satisfied in this proposed budget amendments to appropriate fund balance to the Federal Drug Forfeiture Fund in the total amount of \$42,700.00; and

WHEREAS, Pricing on these five vehicles is via a state bid, for a total cost of \$234,200.00;

NOW THEREFORE BE IT RESOLVED, that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2021-03-02-15**, authorizing the purchase of five (5) police vehicles as specified from the General Fund and Federal Drug Forfeiture funds by authorizing the Finance Director to appropriate \$42,700.00 of fund balance to make the above budget amendment to the 2021 Federal Drug Forfeiture Fund.

Moved by: _____ Supported by: _____

ROLL CALL VOTE:

____ CC, ____ AM, ____ JV, ____ MC, ____ RD, ____ JS, ____ KH

Jerry W. Vorva, Clerk

Date

Certification

STATE OF MICHIGAN)

COUNTY OF WAYNE)

I hereby certify that the foregoing is a true and complete copy of the resolution adopted by the Board of Trustees at the regular Board Meeting dated March 2, 2021.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution # 2021-03-02-15



Plymouth Township Police Department

2021 Budget Request

New Capital Item

Department: Police		Capital Item: 2021 Police Department Vehicles and Upfit Costs	
Quantity: 5 (Five)	Useful Life: 2 years (Expedition), 3-4 years (Interceptor Utilities) and 10 Years (DB Explorer)		Cost: \$192,116.00 (Vehicles) \$42,000.00 (Upfit Costs)
Check One: Equipment <input checked="" type="checkbox"/> Project <input type="checkbox"/>			
<u>Description and Function of new capital item</u>			
<p>The 2020 Ford Police Interceptor Utility turned in the quickest 0-60 mph and 0-100 mph acceleration times, along with the fastest lap, fastest average lap, and fastest quarter mile time during the Michigan State Police Model Year 2020 Police Vehicle Evaluation. The 2021 Model is unchanged from the 2020 version.</p> <p>The interior is upholstered in heavy-duty cloth with a 6-way power driver's seat. Slim seat bolsters make getting in and out of the vehicle quick, and provide ample room for a duty belt. Rear seat access is enhanced with wide opening rear doors. The total interior volume is 170.0 cubic feet.</p> <p>The Ford Police Interceptor Utility is made in America specifically for police duty. Several components specific to this police model are produced right here in Plymouth Township at Troy Design and Manufacturing on Sheldon Road. The vehicle comes standard with all-wheel drive, a heavy-duty alternator, engine oil cooler, electronic stability control, rearview camera and front, side and curtain airbags.</p> <p>Signature Ford quoted a state bid price of \$36,981.00 for each of these vehicles. We will purchase two of the vehicles with General Fund dollars (\$73,962.00) and one will be purchased with Federal Forfeiture dollars (\$36,981.00).</p> <hr/>			
<p>The 2021 Ford Explorer is a midsize three row SUV. It has a spacious interior with comfortable seating and a myriad of standard safety features. These include anti-lock brakes with pre collision assist and automatic emergency braking, dual front airbags, seat mounted driver and passenger side-impact airbags, all row overhead curtain airbags, driver and passenger side knee airbags, electronic stability control, blind spot warning system and rear parking sensors.</p> <p>Signature Ford quoted a state bid price of \$43,491.00 for this vehicle. We will purchase this vehicle with Federal Forfeiture dollars.</p> <hr/>			
<p>The 2021 Ford Expedition SSV (Special Service Vehicle) is a vehicle built with the needs of law enforcement in mind. The interior features a rubber floor lining, column mounted shifter and front center console delete. The vehicle also comes standard with numerous safety features. These include anti-lock brakes with pre collision assist and automatic emergency braking, dual front airbags, seat mounted driver and passenger side-impact airbags, all row overhead curtain airbags, electronic stability control, blind spot monitoring system and rear parking sensors.</p> <p>Signature Ford Quoted a state bid price of \$37,682.00 for this vehicle. We will purchase this vehicle with Federal Forfeiture dollars.</p> <hr/>			
<p>Four of the five vehicles that are being purchased will require upfitting (the purchase and installation of police specific equipment required to convert the vehicle into a fully functioning patrol car). The cost to upfit these vehicles is estimated to be \$10,500.00 each (\$42,000.00 total). We will pay to upfit two of the vehicles with Federal Forfeiture dollars (\$21,000.00) and we will utilize General Fund dollars (\$21,000.00) to pay for the upfit of the other two vehicles.</p>			

Explain new or improved service that will result from new item

The three new Ford Police Interceptor Utilities that we are requesting will replace three older patrol cars that are currently in our fleet. The new vehicles will likely require less time at the dealership for maintenance than the old ones, thus allowing the department to devote more time and resources to patrolling and less time and resources to vehicle maintenance.

The new Ford Explorer that we are requesting will replace an old detective bureau vehicle that is currently in our fleet. The new vehicle will likely require less time at the dealership for maintenance than the old one, thus allowing our detectives to devote more time and resources to their investigative work and less time and resources to vehicle maintenance.

The new Ford Expedition SSV that we are requesting will replace an older Ford Expedition SSV that is currently in our fleet. The new vehicle will likely require less time at the dealership for maintenance than the old ones, thus allowing the department to devote more time and resources to patrolling and less time and resources to vehicle maintenance.

Why is this new item needed? Why does the Township need to provide this service?

The 2021 Interceptor Utilities are needed to replace three existing patrol cars. Two of these patrol cars (Unit 17-2 and Unit 17-4) were purchased in 2017 and the other (Unit 18-1) was purchased in 2018. These three vehicles are amongst the oldest patrol cars in our fleet. Unit 17-2 currently has over 77,000 miles, Unit 17-4 currently has over 72,000 miles and Unit 18-1 currently has over 83,000 miles. These vehicles will continue to accrue mileage and become more costly to maintain.

The 2021 Ford Explorer is needed to replace an existing detective bureau vehicle. This vehicle is a 2011 Ford Explorer that was acquired in 2011 and currently has over 117,000 miles on the clock. This vehicle is exhibiting reliability issues and has a rusting body.

The 2021 Ford Expedition SSV is needed to replace an existing patrol car. This patrol car was purchased in 2019 and was placed into service at the end of that year. This particular patrol car is operated 24 hours a day, 365 days a year. As such, it accumulates miles and wear and tear at a faster rate than the rest of the fleet. The vehicle currently has over 54,000 miles on the clock, and I anticipate that it will have been driven between 90,000 and 100,000 miles by the time it is rotated out of the fleet.

How will any current services be affected or changed if approved? What will happen if this item is Not approved?

No services will be changed by making this purchase. If approved, we will be equipping our patrol officers and detectives with modern and reliable vehicles that feature the most current safety technology. Additionally, the new vehicles will function more reliably and benefit from having full warranty coverage.

If not approved, we will continue using the above listed vehicles. These vehicles will continue to accrue mileage and become more costly to maintain.

How do you anticipate providing this service?

If this expenditure is approved, these vehicles will be ordered immediately. I anticipate that they would be delivered sometime in the early spring. The Detective Bureau vehicle will be put into service immediately. The patrol vehicles will need to be upfitted before they can be put into service. I anticipate that they should be ready to be put into service in mid to late 2021. The work of installing our police-specific equipment into the patrol vehicles will be done by our vehicle up-fitter (Winder Police Equipment).

What will be the operating budget impact? (personnel, supplies, other charges)

The purchase of these vehicles will have a positive impact on the operating budget. These new vehicles will be under warranty, which will reduce our maintenance costs as compared to the vehicles that will be rotated out of service. The Police Interceptor Utilities come with a 3 year / 36,000 mile bumper to bumper and 5 year / 100,000 mile powertrain warranty. The Explorer and Expedition both come with a 3 year / 36,000 mile bumper to bumper and 5 year / 60,000 mile powertrain warranty.

Interceptor



January 13, 2021

Plymouth Township Police Department
Attn: Lt. Dan Kudra
9955 N. Haggerty Road
Plymouth, MI 48170

Dear Lt. Dan Kudra:

Price on 2021 Vehicle Macomb County Contract Bid #21-18:

(3) 2021 Ford Police Interceptor Utility AWD Eco Boost	\$36,981.00 ea
Total Delivered Price	\$110,943.00

Service Contract: 36,000 miles or 36 months factory bumper to bumper warranty and 100,000 miles or 60 months powertrain warranty.

Delivery date: About 120 days from receipt of your PO.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. An \$8.00 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle(s).

If you have any questions please call me, 888-92-Fleet (888-923-5338).

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

1960 East Main St, Owosso, MI 48867
888-92-FLEET or 888-923-5338, Fax 517-625-5832

Macomb County Bid Price (Bid #21-18, MY2020) in the State of Michigan 2021 Utility Police Interceptor Major Standard Equipment

Mechanical

- A/C Ratio – 3.73 (A/W/D)
- Brakes – 4-Wheel Heavy-Duty Disc w/F.D. Front and Rear Calipers
- Chassis Sailer
- DC/DC converter – 220-Amp (in lieu of alternator)
- Drivetrain – All-Wheel-Drive
- Electric Power-Assist Steering (EPAS) – Heavy-Duty
- Engine – 3.3L V6 Direct-Injection Hybrid Engine System
- Engine – 3.3L V6 Direct-Injection FFV with 10-Speed Automatic Transmission (134-MPH Top Speed)
- Note: Delphia Regenerative Braking and Lithium-Ion Battery Pack, side 230-Amp Alternator, replaces H7 ACH battery (800 CCA/60-amp) with H7 SIL battery (730 CCA/60-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine – 3.0L V6 EcoBoost® with 10-Speed Automatic Transmission – (148-MPH Top Speed)
- Note: Delphia Regenerative Braking and Lithium-Ion Battery Pack, side 230-Amp Alternator, replaces H7 ACH battery (800 CCA/60-amp) with H7 SIL battery (730 CCA/60-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine Hour Meter
- Engine Oil Cooler
- Fuel Tank – 19-gallons
- H7 AGM Battery (800 CCA/60-amp)
- Lithium-Ion Battery Pack
- Suspension – Independent front & rear
- Transmission – 10-speed automatic

Exterior

- Aftersun, Roof-mounted
- Cladding – Lower body/wide, including MLC
- Door Handles – Black (MHC)
- Exhaust Trim Dual (downstream)
- Front-Door-Lock Cylinders (Front Driver / Passenger / Liftgate)
- Glass – 2nd Row, Rear Quarter and Liftgate Privacy Glass
- Grille – Black (MHC)
- Headlamps – Automatic, LED Low-and-High-Beam
- Note: Lockless Front Headlamp / Police Interceptor Housing (with LED wif-wag feature)
- Pre-drilled hole for side marker police use, does not include LED strobe, but includes LED wif-wag functionality (eliminates need to drill bonding assemblies and provides LED wif-wag feature)
- Pre-cooled side venting LED holes with standard sealed capability (does not include LED baselamp lights)
- Wif-wag default is traditional plug-pogo pattern; can be programmed to Cycle-burst pattern or plug-pogo / cycle-burst
- Note: Must be wired to vehicle's light controller to enable wif-wag functionality; recommended Ready for the Road Package (671H) or Ultimate Wiring Package (671U)
- Liftgate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder
- Mirrors – Black Coys (MHC), Power Electric Ramrod, Manual Folding with Integrated Spotter (Integrated blind spot mirrors not included when equipped with BLIS®)
- Spare – Pull side 18" Tire w/TPMS
- Sprayer – Padded Blank
- Tailgate Handle – (MHC)
- Tailgate Lamps – LED
- Tires – 255/60R18 A/S BSW
- Wheel-Lip Molding – Black (MHC)
- Wheels – 18" x 8.0 painted black steel with wheel hub cover
- Windshield – Acoustic Laminated

Interior/Comfort

- Cargo Hooks
- Climate Control – Dual-Zone Electronic Automatic Temperature Control (DEATC)
- Door-locks
- Power
- Rear-Door Handles and Locks Operable
- Fixed Pedals (Driver Dead Pedal)
- Floor – Flooring – Heavy-Duty Thermoplastic Elastomer
- Glove Box – Locking/lock Illuminated
- Grab Handles – (1 – Front-passenger side, 2-Rear)

Interior/Comfort (continued)

- Luggage Release Switch located in overhead console (45 second time-out feature)
- Luggage
- Overhead Console
- Red/White Tank Lighting in Overhead Console
- 3rd row overhead map light
- Mirror – Day/Night Rear View
- Particulate Air Filter
- Powerpoints – (1) First Row
- Rear-view camera/picnic
- Rear-window Defrost
- Seat Piles – Front & Rear
- Seats
- 1st Row Recline Grade Cloth Trim, Dual Front Buckets with reduced bolsters
- 1st Row – Driver 6-Way Power trunk (OneTall, Up/Down, tilt with manual recline, 10-way manual lumbar)
- 1st Row – Passenger 2-Way manual trunk (OneTall, with manual recline)
- Both-in seat intrusion plates in both driver/passenger seatbacks
- 2nd Row Vinyl, SS303S Split Bench Seat (manual 6-10-4-tilt, no tumble) – fixed head track
- Speed (Quint) Control
- Speedometer – Calibrated (includes digital readout)
- Steering Wheel – Manual / Tilt / Telescoping, Urethane wheel finish w/Silver Painted Bezel with Speed Controller and 4-way configurable locking switches
- Sun visors, color-keyed, van-illuminated
- Universal Top Tray – Center of 1/P for mounting aftermarket equipment
- Window, Power, 1-touch Up/Down Front Driver/Passenger / Side with disable pin use

Safety/Security

- Advanced front w/ABS® (Roll Stability Control™)
- Airbag, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Over Protection, and Safety Canopy®
- Anti-Lock Brakes (ABS) with Traction Control
- Brakes – Police calibrated high-performance regenerative braking system
- Back-Mirror® (Front Driver / Passenger)
- Child-Safety Locks (topped)
- Individual Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations
- Rearview Camera with Washer wipeable 16 4.2" center stack.
- Seat Belts, Pre-tensioner/energy Management System
- wif-wagable insight in 1st Row
- SOS Post-Crash Alert System™

Functional

- Audio
- AM/FM / MP3 Capable / Clock / 4-speakers
- Bluetooth® interface
- 4.2" Color LCD Screen Center-Stack "Smart Display"
- Note: Standard radio does not include USB Port or Aux. Audio Input Jack, Aux. Audio Input Jack requires SYNC 3®
- Easy Radio Capless Push-Tiller
- Ford Telematics™ – Includes Ford Modern and complimentary 2-year trial subscription
- Front door rebar strips (driver/passenger)
- Power Pignals harness
- Recovery Hooker: two in front and trailer bar in rear
- Single Trunk Key (two electrically, easy to replace, 4-keys)
- Two-way radio pre-wire
- Two (2) 50 amp battery ground terminals – power distribution junction block (Rear/2nd row passenger seat floorboard)
- Wipers – Front Speed-Sensitive Intelligent, Rear Dual Speed Wiper Wipers – Front

Warranty

- 3 Year / 36,000 Miles Bumper / Bumper
- 8 Year / 100,000 Miles Hybrid Unique Components
- POWERTRAIN CARE EXTENDED SERVICE PLAN
- 5-year/10,000-mile Powertrain CARE Extended Service Plan (zero deductible) – Standard

Police Interceptor Utility Base Prices

[]	Utility All Wheel Drive (3.3L V6 Direct-Injection FFV, 136 MPH, 99B/44U) K8A/500A	\$31,544.00
[x]	Utility All Wheel Drive (3.0L V6 EcoBoost, 148 MPH, 99C/44U) K8A/500A	\$35,356.00
[]	Utility All Wheel Drive (3.3L V6 Direct-Injection Hybrid Eng., 136 MPH, 99W/44B) K8A/500A	\$34,659.00

VEHICLE COLOR: Order Code	Interior Trim Color Charcoal Black (96)	
Arizona Beige Clearcoat Metallic	[E3]	[]
Medium Brown Metallic	[BU]	[]
Dark Toreador Red Clearcoat Metallic	[JL]	[]
Dark Blue	[LK]	[]
Royal Blue	[LM]	[]
Light Blue Metallic	[LN]	[]
Vermillion Red	[E4]	[]
Smokestone Clearcoat Metallic	[HG]	[]
Silver Grey Metallic	[TN]	[]
Iconic Silver Clearcoat Metallic	[JS]	[]
Agate Black	[UM]	[x]
Oxford White Clearcoat	[YZ]	[]
Blue Metallic	[FT]	[]
Sterling Grey Metallic	[UJ]	[]
Medium Titanium Clearcoat Metallic	[YG]	[]
Carbonized Grey	[M7]	[]

INTERCEPTOR OPTIONAL FEATURES:

<u>Flooring/Seats</u>	Code	\$Cost
[] 1st and 2nd row carpet floor covering	16C	125.00
[] 2nd Row Cloth Seats	F6/ 88F	60.00
[] Power passenger seat (6-way) w/manual recline and lumbar	87P	325.00
[x] Rear Console Plate (Not available with Interior Upgrade Pkg – 65U)	85R	45.00
[] Interior Upgrade Package	65U	390.00

- 1st and 2nd Row Carpet Floor Covering
 - Cloth Seats – Rear
 - Center Floor Console less shifter w/unique Police console finish plate
 - Includes Console and Top Plate with 2 cup holders
 - Floor Mats, front and rear (carpeted)
 - Deletes the standard console mounting plate (85D)
 - SYNC® 3
 - Enhanced Voice Recognition Communications and Entertainment System
 - 4.2" Color LCD Screen Center-Stack "Smart Display"
 - AppLink®
 - 911 Assist®
- Note: SYNC® AppLink® lets you control some of your favorite compatible mobile apps with your voice. It is compatible with select smartphone platforms.

<u>Lamps/Lighting</u>		
[x] Dark Car Feature – Courtesy lamp disable when any door is opened	43D	20.00
[] Daytime Running Lamps	942	45.00
[] Side Marker Lights in Skull Caps	63B/60A	340.00
[] Rear Quarter Glass Side Marker Lights	63L	575.00
[] Front Warning Auxiliary Light (Driver side – Red / Passenger side – Blue)	21L/60A	600.00
[] Rear Auxiliary Liftgate Lights (Red/Blue LED Lights; located beneath liftgate glass in applique panel)	43A	395.00
[] Front Interior Windshield Warning Lights (Red/Blue with take down)	96W	1145.00
[] Rear Spoiler Traffic Warning Light	96T	1495.00
[] Dome Lamp – Red/White in Cargo Area	17T	50.00
[] Pre-wiring for grille lamp, siren, and speaker	60A	50.00
[] Spot Lamp – Driver Only (LED Bulbs) (Unity)	51R	395.00
[] Spot Lamp – Driver Only (LED Bulbs) (Whelen)	51T	420.00
[] Spot Lamp – Dual (driver and passenger) (LED Bulbs) (Unity)	51S	620.00
[x] Spot Lamp – Dual (driver and passenger) (LED Bulbs) (Whelen)	51V	665.00

Body		
[] Glass – Solar Tint 2nd and 3rd Row (Deletes Privacy Glass)	92G	120.00
[] Glass – Solar Tint 2nd Row (Privacy Glass on Rear Quarter and Liftgate Window)	92R	85.00
[] Deflector Plate	76D	335.00
Wheels		
[] Wheel Covers (18" Full Face Wheel Cover)	65L	60.00
[] 18" Painted Aluminum Wheel	64E	475.00
Misc		
[] Engine Block Heater	41H	90.00
[] License Plate Bracket – Front	153	N/C
[] Badge Delete (Police Interceptor Badge Only)	16D	N/C
[] 100 Watt Siren/Speaker (includes bracket and pigtail)	18X	300.00
[] Aux Air Conditioning	17A	610.00
[x] Noise Suppression Bonds (Ground Straps)	60R	100.00
[] OBD-II Split Connector – Allows up to 2 devices to be connected to the vehicle's OBD-II port	61B	55.00
[] Low-Band Frequency Noise Suppression Kit (Recommended when Using two-way radio communication devices that operate in the 39 – 46 MHz range (Channels 1-9). Provides noise suppression for in-car two-way radio communication devices in the 39-46 MHz frequency range.	68E	195.00
[] My Speed Fleet Management	43S	60.00
Audio/Video		
[x] Rear View Camera (Includes Electrochromic Rear View Mirror – Video is displayed in rear view mirror)	87R	N/C
Note: This option would replace the camera that comes standard in the 4" center stack area.		
[] Rear Camera On-Demand – allows driver to enable rear camera on-demand	19V	230.00
Doors/Windows		
[x] Global Lock / Unlock feature (Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the overhead console liftgate unlock switch) ***** OLD STYLE REAR HATCH LOCK / UNLOCK *****	18D	N/C
[] Hidden Door Lock Plunger, Rear Door Handle and Rear Windows Inoperable	52P	160.00
[x] Rear Door Handles Inoperable/Locks Inoperable and Rear Windows Inop.	68G	75.00
[x] Lock system; Single Key/All Vehicles Keyed Alike	59B	50.00
Keyed Alike 1294x= 59C	Keyed Alike 0135x= 59D	
Keyed Alike 1435x= 59E	Keyed Alike 0576x= 59F	Keyed Alike 0151x= 59G
Keyed Alike 1111x= 59J		
Safety & Security		
[] Ballistic Door Panels – Driver Front Door Only (Level 3)	90D	1585.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 3)	90E	3170.00
[] Ballistic Door Panels – Driver Front Door Only (Level 4+)	90F	2415.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 4+)	90G	4830.00
[] BLIS® – Blind Spot Monitoring with Cross Traffic Alert	55B/54Z	545.00
[] Police Perimeter Alert – detects motion in an approximately 270-degree radius on sides and back of vehicle; if movement is determined to be a threat, chime will sound at level I. Doors will lock and windows will automatically go up at level II. Includes visual display in instrument cluster with tracking.	68B	675.00
[x] Pre-Collision Assist with Pedestrian Detection (Includes Forward Collision Warning and Automatic Emergency Braking and unique disable switch for Law Enforcement use) Note: Not available with option 96W	76P	145.00
[x] Mirrors– Heated, Non BLIS	549	60.00
[] Perimeter Anti-Theft Alarm – Activated by Hood, Door, or Decklid	593/55F	460.00
[] Remote Keyless Entry w/4 Key Fobs (w/o Keypad)	55F	340.00
[] Police Engine Idle Feature	47A	260.00
[] Extra Key \$6.00x__=	Parts	6.00 ea
[] Remote Starter (Must Order Keyless Entry 55F)	Parts	550.00
[x] Reverse Sensing	76R	275.00
[x] Class III Trailer Tow Lighting Package (4-pin and 7-pin connectors and wiring)	52T	80.00
[x] H8 AGM Battery (900 CCA/92-amp)	19K	110.00
[] Gun Vault (Not Available with (17A) Aux Air Conditioning)	63V	245.00

[] 12.1" Integrated Computer Screen	47E	2745.00
<ul style="list-style-type: none"> Includes 12.1" touchscreen display in center stack and allows for operation of laptop in remote location to free up cabin space in front passenger area Includes Audio Video extender (AVX) box, (2) AVX cables, (2) USB cables and (1) HDMI cable Includes SYNC 3 ® 		
[] Front Headlamp Lighting Solution	66A	895.00
<ul style="list-style-type: none"> Includes LED Low beam/High beam headlamp, Wig-wag function and Red/Blue/White LED side warning lights (driver's side White/Red / passenger side White/Blue) Includes pre-wire for grille LED lights, siren and speaker (60A) Wiring, LED lights included. Controller "not" included 		
Note: Not available with option: 67H		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Police Wire Harness Connector Kit – Front/Rear	67V	185.00
For connectivity to Ford PI Package solutions includes:		
• Front		
– (2) Male 4-pin connectors for siren		
– (5) Female 4-pin connectors for lighting/siren/speaker		
– (1) 4-pin IP connector for speakers		
– (1) 4-pin IP connector for siren controller connectivity		
– (1) 8-pin sealed connector		
– (1) 14-pin IP connector		
• Rear		
– (2) Male 4-pin connectors for siren		
– (5) Female 4-pin connectors for lighting/siren/speaker		
– (1) 4-pin IP connector for speakers		
– (1) 4-pin IP connector for siren controller connectivity		
– (1) 8-pin sealed connector		
– (1) 14-pin IP connector		
Note: Note: See Upfitters guide for further detail www.fordpoliceinterceptorupfit.com		
[] Tail Lamp/Police Interceptor Housing Only	86T	60.00
<ul style="list-style-type: none"> Pre-existing holes with standard twist lock sealed capability (does not include LED Strobe lights) (eliminates need to drill housing assemblies) 		
Note: Not available with options: 66B and 67H		
[] Tail Lamp Lighting Solution	66B	430.00
<ul style="list-style-type: none"> Includes LED lights plus two (2) rear integrated hemispheric lighthead white LED side Warning lights in taillamps 		
• LED lights only. Wiring, controller "not" included		
Note: Not available with option: 67H		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Rear Lighting Solution	66C	455.00
<ul style="list-style-type: none"> Includes two (2) backlit flashing linear high-intensity LED lights (driver's side red / passenger side blue) mounted to inside liftgate glass 		
<ul style="list-style-type: none"> Includes two (2) backlit flashing linear high-intensity LED lights (driver's side red / Passenger side blue) installed on inside lip of liftgate (lights activate when liftgate is open) 		
• LED lights only. Wiring, controller "not" included		
Note: Not available with option: 67H		
Note: LED lights only – does "not" include wiring or controller		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Ultimate Wiring Package	67U	560.00
• Rear console mounting plate (85R) – contours through 2nd row; channel for wiring		
• Pre-wiring for grille LED lights, siren and speaker (60A)		
• Wiring harness I/P to rear cargo area (overlay)		
– Two (2) light cables – supports up to six (6) LED lights (engine compartment/grille)		
– One (1) 10-amp siren/speaker circuit engine cargo area		
• Rear hatch/cargo area wiring – supports up to six (6) rear LED lights		
• Does "not" include LED lights, side connectors or controller		
– Recommend Police Wire Harness Connector Kit 67V		
Note: Not available with options: 65U, 67H		

<p>[] <u>Ready for the Road Package All-in Complete Package</u></p> <p>All-in Complete Package – Includes Police Interceptor Packages: 66A, 66B, 66C, plus</p> <ul style="list-style-type: none"> • Whelen Cencom Light Controller Head with dimmable backlight • Whelen Cencom Relay Center / Siren / Amp w/Traffic Advisor control (mounted behind 2nd row seat) • Light Controller / Relay Cencom Wiring (wiring harness) w/additional input/output pigtails • High current pigtail • Whelen Specific WECAN Cable (console to cargo area) connects Cencom to Control Head • Pre-wiring for grille LED lights, siren and speaker (60A) • Rear console plate (85R) – contours through 2nd row; channel for wiring • Grille linear LED Lights (Red / Blue) and harness • 100-Watt Siren / Speaker • Hidden Door-Lock Plunger w/Rear-door controls inoperable (locks, handles and windows) (52P) <p>Note: Not available with options: 66A, 66B, 66C, 67U and 65U</p>	<p>67H</p> <p>3595.00</p>
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<p><u>Extended Warranty Option's (\$0.00 Deductible) 100,000 Mile Coverage</u></p> <p>[] 5-Year Premium Care Warranty (500 Plus Components Coverage)</p>	<p>2745.00</p>
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Total Price \$ 36,981.00 ea

2021 POLICE INTERCEPTOR UTILITY



STANDARD FEATURES

4.2" LCD screen in police instrument cluster and center stack "smart display"
11" space between driver's seat and front-passenger seat for aftermarket consoles
12V powerpoint
7.5-mph rear-impact-tested¹
AdvanceTrac[®] with RSC[®] (Roll Stability Control)^(M)
Airbags – Driver and front-passenger knee, front-seat side, plus Safety Canopy[®] System (side-curtain airbags) and rollover sensor
Audio – AM/FM stereo with MP3 capability, Bluetooth[®] interface, USB port, clock and 4 speakers
Battery – H7 AGM (80-amp-hr/800-CCA)
Brakes – 4-wheel heavy-duty disc with police-calibrated Anti-Lock Brake System (ABS) and police-calibrated high-performance Regenerative Braking System
Built-in steel intrusion plates in both front seat backs
Class III trailer hitch receiver – 5,000-lb. capacity
Class III Trailer Tow Lighting Package

Column-mounted shifter
Cooling system – Heavy-duty
Cruise control
Dash pass-through for aftermarket wiring
DC/DC converter – 220-amp
Dual-zone electronic automatic temperature control (DEATC)
Easy Fuel[®] capless fuel filler (heavy-duty)
Electric power-assisted steering (heavy-duty)
Engine – 3.3L V6 Direct-Injection Hybrid Engine System
Engine-hour meter
Engine-idle meter
Exterior key locks – Driver front-passenger and liftgate
Fleet ignition keys (4)
Flooring – Heavy-duty vinyl
Ford Telematics[™] modem with complimentary 2-year trial subscription²
Front-console mounting plate
Full-size spare wheel and tire with Tire Pressure Monitoring System (TPMS; requires programming)

Full-time Intelligent all-wheel drive (AWD)
Glass – Solar-tinted 1st-row, privacy glass 2nd-row and rear cargo area
Headlamps – LED low and high beams
Headlamps – Wig-wag functionality including ping-pong (default), triple-burst, or ping-pong/triple-burst includes pre-drilled holes for user-installed strobes
Headliner – Easy-to-service
Independent front and rear suspensions
Individual Tire Pressure Monitoring System (TPMS)
Liftgate release switch – Overhead console
Lithium-ion battery pack
Locking glove box
Mirrors – Power sideview, manual foldaway with integrated blind spot mirrors
Personal Safety System[™] for driver and front passenger with dual-stage front airbags
Power door locks
Power windows with front one-touch-up/down with disable feature

Powertrain mounts – Heavy-duty
Rear spoiler
Rear-window defroster
Red/white dome light – 1st-row
Scuff plates – Front and rear door-sill
Seat – Front heavy-duty cloth driver's with 6-way power and manual lumbar
Seat – Front heavy-duty cloth passenger
Seat – Rear vinyl 35/30/35 split bench
SOS Post-Crash AlertSystem[®]
Steering wheel – Unique with 4 user-configurable switches
Supplemental front-door-toethers
Taillamps – LED
Tilt/telescoping steering column
Tires – 255/60R18 BSW all-season
Transmission – 10-speed automatic (police-calibrated)
Two (2) 50-amp battery ground circuits – Power distribution junction block
Universal equipment tray on top of instrument panel
Wheels – Heavy-duty 18" steel

FORD CO-PILOT360[™] TECHNOLOGY

STANDARD FEATURES:

Autolamp Automatic On/Off Headlamps
Rear View Camera With Washer (displayed in 4.2" LCD center stack screen)

WARRANTIES & POWERTRAIN SERVICE PLAN

3-year/36,000-mile Bumper-to-Bumper Warranty
5-year/100,000-mile Powertrain CARE ESP (zero deductible)
8-year/100,000-mile Hybrid Unique Component Warranty

AVAILABLE PACKAGES³

Front Headlamp Lighting Solution (66A)
Interior Upgrade Package (65U)
Police Wire Harness Connector Kit – Front/Rear (67V)
Ready-for-the-Road Package (67H)

Rear Headlamp Lighting Solution (66C)
Taillamp Lighting Solution (66B)
Taillamp/Police Interceptor Housing Only (86T)
Ultimate Wiring Package (67U)

EXTERIOR COLORS



INTERIOR COLOR



AVAILABLE FEATURES

1st- and 2nd-row carpeting
12.1" integrated computer screen with SYNC[®] 3
18" full-face wheel covers
100W siren/speaker
Ballistic door panels – Level III+ and Level IV+
Battery – H8 AGM (92-amp-hr/850-CCA)
BLIS[®] (Blind Spot Information System) with Cross-Traffic Alert
Cargo storage vault
Climate controls – Auxiliary rear air conditioning
Dark Car feature
Daytime running lamps
Engine – 3.0L EcoBoost[®]
Engine – 3.3L V6 Direct-Injection FFV

Engine block heater
Front Auxiliary Warning Lamps
Front-console mounting plate delete
Front interior Visor Light Bar (LED)
Glass – Solar-tinted 2nd-row (clear)
Glass – Solar-tinted 2nd- and 3rd-row (clear)
Global lock/unlock feature
Hidden door lock plungers with inoperable rear door controls
Inoperable rear door controls
Keys – Keyed alike
Low-band frequency noise suppression kit
Mirrors – Heated sideview
Mirrors – Sideview with LED side marker lamps
Noise suppression bonds

Perimeter alarm (requires key fob)
Police Engine idle feature
Police Interceptor badge delete
Police Perimeter Alert
Power passenger seat (6-way) with manual recline and lumbar support
Pre-Collision Assist with Automatic Emergency Braking (AEB) with unique temporary disable switch for law enforcement use
Pre-wiring for grille lamp, siren and speaker
Rear auxiliary liftgate lights
Rear bumper step pad
Rear Camera On Demand
Rear-console mounting plate
Rear quarter glass LED side marker lamps

Rear spoiler/traffic warning lights (LED)
Rear View Camera (viewable in electrochromic rearview mirror); no-charge option
Red/white dome light – Rear cargo area
Remote Keyless Entry System (key fob)
Reverse Sensing System
Seat – Rear center seat delete
Seat – Rear heavy-duty cloth
Spot lamps (LED)
Spot lamps prep kit
Underbody deflector plate
Wheels – 18" painted aluminum

DIMENSIONS & CAPACITIES⁴

EXTERIOR (in.)		CAPACITIES	
Length	198.8	Passenger volume (cu. ft.)	118.0
Wheelbase	119.1	Cargo volume (cu. ft.)	
Width (excluding mirrors/including mirrors)	78.9/89.3	Behind 1st row	90.3
Height (excluding options)	69.4	Behind 2nd row	52.0
Cargo area (width/length)	47.9/46.2	Total interior volume (cu. ft.)	170.0
Cargo rear opening (height/width at floor)	31.9/47.6	Cargo capacity (lbs.)	880
Liftover height (ground to cargo deck)	30.9	Payload (lbs.)	1,670
Liftgate to ground (when raised)	73.0	GVWR (lbs.)	
Step-in height	18.6	3.3L V6 Hybrid	6,840
INTERIOR (in.)		3.0L EcoBoost	6,500
Head room (F/R)	40.7/40.4	3.3L V6 FFV	6,465
Leg room (F/R)	40.9/40.7	Max towing (lbs.)	5,000
Hip room (F/R)	59.3/59.1	Fuel tank (gal.)	
Shoulder room (F/R)	61.8/61.3	3.3L V6 Hybrid	19.0
		3.0L EcoBoost	21.4
		3.3L V6 FFV	21.4
		Seating	5

ENGINES⁵

	3.3L V6 Hybrid	3.0L EcoBoost V6	3.3L V6 FFV
Combined System Net Horsepower	318 @ 6,500 ⁶	—	—
Combined System Net Torque (lb.-ft.)	322 @ 2,500 ⁶	—	—
Engine Horsepower (hp @ rpm)	285 @ 6,500	400 @ 5,500 ⁷	285 @ 6,500
Engine Torque (lb.-ft. @ rpm)	260 @ 4,000	415 @ 3,000 ⁷	260 @ 4,000

¹The full-size spare tire secured in the factory location is necessary to achieve police-rated 7.5-mph rear-impact crash-test performance attributes. ²2-year subscription for Ford Telematics starts on vehicle sale date. Subscription features may be limited. Factors causing this limitation may include, but are not limited to, issues related to cellular coverage, carrier outages and center network service interruptions. Complimentary service ends after 2 years. ³Visit fleet.ford.com for complete package content. ⁴Dimensions and capacities shown may vary due to optional features and/or production variability. ⁵Based on 2020 model-year ratings. ⁶Calculated via combined performance of the engine and electric motor(s) with peak battery power. The calculations utilize SAE J1349 engine results and Ford electric motor dynamo testing. Your results may vary. ⁷Horsepower and torque ratings based on premium fuel per SAE J1349 standard. Your results may vary.

Expedition



January 25, 2021

Plymouth Township Police Department
Attn: Lt. Dan Kudra
9955 N. Haggerty Road
Plymouth, MI 48170

Dear Lt. Dan Kudra:

Price on 2021 Vehicle State of Michigan (MIDEAL) Contract# 071B7700180 and
Macomb County Contract# 53-17 Bid:

2021 Ford Expedition 4x4 SSV in Black

\$37,682.00 ea

Standard Service Contract: 36,000 miles or 36 months factory Bumper to Bumper Warranty and 60,000miles 60 months Powertrain Warranty . Service to be handled by your local Ford Dealer.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

Macomb# 53-17 P.2
2021 Expedition 4-Door and Expedition MAX
4x2 (U1F) (K1F MAX) & 4x4 (U1G) (K1G MAX)
SSV Major Standard Equipment

MECHANICAL

- Engine – 3.5L EcoBoost® V6
- Four-Wheel Disc Brakes with Anti-Lock Brake System
- Transmission – 10-Speed Automatic Transmission with SelectShift® Capability

EXTERIOR

- Acoustic-Laminate Windshield
- Active Grille Shutters
- Beltline Molding – Polished Stainless Steel
- Bumpers – Body Color Painted Upper / Magnetic Painted Lower with Magnetic Painted Rear Bumper Skid Plate and Trailer Hitch Cover
- Configurable Daytime Running Lamps (DRL)
- Door Handles – Body Color
- Easy Fuel® Capless Fuel Filler
- Exhaust – Single
- Fascia – Painted Body Color
- Fog Lamps – Halogen with Black Bezel
- Grille, Five-Bar – Chrome Outer / Molded-in-Color Black Inner
- Liftgate with Liftglass – Manual
- Privacy Glass – Second Row, Third Row and Liftgate
- Roof-Rack Side Rails – Black
- Tailgate Appliqué – Chrome
- Taillamps – Incandescent
- Tires
 - P265/70R17 All-Terrain (A/T) OWL
- Wheels – 17" Steel Wheels
- Windshield Wipers – Intermittent Front and Rear

INTERIOR/COMFORT

- Cargo Bin
 - Climate Control
 - Cabin Particulate Air Filter
 - Manual Single Zone
 - Rear Auxiliary Controls
 - Coat Hooks (4) – Second Row (2), Third Row (2)
 - Cruise Control
 - Beverage Holders (15) – Front Row, six (6), Second Row, six (6), Third Row, three (3)
 - Fixed Foot Pedals
 - Floor Covering – Vinyl
 - Grab Handles – Front Row, Second Row Pillar and Headliner Mounted
 - Lighting
 - Front Overhead Console Mounted Map Lights
 - Illuminated Entry System with Courtesy Lamp Delay
 - Rear Cargo Area Light
 - Second and Third Row Dome Lights
 - Overhead Console with Sunglass Storage and Conversation Mirror
 - Powerpoints (12V) – four (4)
 - Front row; one (1) in center stack, one (1) in front center console
 - Second row; one (1) in rear section of center console
 - Rear Cargo Area; one (1)
 - Rear Cargo Area – Cargo Management System
 - Seats
 - Five (5) – Passenger
 - Front Row – Cloth Captain's Chairs
 - Front Row – 8-way Power Driver Seat (includes Power Lumbar and Manual Recline) and 2-way Manual Passenger
 - Second Row – Vinyl
 - Shifter
 - Steering Column Mounted
 - Sliding Sun Visors with Illuminated Vanity Mirrors (Driver and Passenger)
 - Steering Column
 - Manual Tilt (SSV 102A)
 - Steering Wheel – Leather-Wrapped
 - Audio and Cruise Controls
 - Five-way Control Pads
 - Storage
 - Bins, Third Row
 - Glove Box
 - Windows, Power – Front One-Touch Up/Down Feature
- SAFETY/SECURITY**
- AdvanceTrac® w/RSC® (Roll Stability Control™)
 - Airbags
 - First Row: Driver and Passenger Dual Stage and Front-Seat Mounted Side-Impact
 - All Rows: Safety Canopy® Side-Curtain with Rollover Sensor
 - Cargo Net

- Cargo Protector¹
- Center High-Mounted Stop Lamp (CHMSL)
- Day/Night Rearview Mirror
- Door Locks
 - Power
 - Autolock/Autounlock
 - Child-Safety Rear
- Electronic Stability Control
- Headlamps
 - Halogen
 - Wiper Activated
- Head Restraints – Manually Adjustable
- Individual Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tether Anchors for Children) on all Second Row and Third Row Outboard Side Seating Positions
- Mirrors, Sideview – Manual-Folding, Power and Heated Glass, Security Approach Lamps and Molded-in Color Black Caps
- MyKey®
- Perimeter Alarm (includes Passive Anti Theft System (PATS))
- Personal Safety System™²
- Rear Window Defroster and Washer
- Safety Belts
 - Front Row – Belt-Minder® (Front Safety Belt Reminder)
 - Front Row – Adjustable Height
 - Second and Third Rows – Outboard and Center Seat Shoulder
- SecurILock® Passive Anti-Theft System (PATS)
- SOS Post-Crash Alert System™

DRIVER ASSIST TECHNOLOGY

- Ford Co-Pilot360™ includes;
 - Auto High-Beam Headlamps
 - BLIS® (Blind Spot Information System) with Cross-Traffic Alert¹
 - Lane-Keeping System
 - Pre-Collision Assist with Automatic Emergency Braking (AEB)
 - Rear View Camera²
- Headlamps
 - Headlamps – Autolamp (Automatic On/Off)
- Hill Descent Control™ (4x4 Only)
- Hill Start Assist
- Trailer Sway Control

FUNCTIONAL

- Audio3
 - AM/FM Stereo
 - MP3 Capable
 - Six (6) Speakers
 - Speed-Compensated Volume
 - Auto Stop-Start Technology
 - Axle – Refer to the Axle Availability Table
 - Electric Power-Assisted Steering (EPAS)
 - FordPass Connect™⁴
 - 4G LTE Wi-Fi hotspot connects up to 10 devices⁴
 - Remotely start, lock and unlock vehicle⁵
 - Schedule specific times to remotely start vehicle⁵
 - Locate parked vehicle⁵
 - Check vehicle status⁵
 - Front and Rear Independent Suspension
 - Instrument Panel Cluster
 - 4.2" Productivity Screen
 - Analog Display
 - Message Center
 - Outside Temperature Display
 - Trip Computer
 - Keyless-Entry
 - Integrated Key Transmitter – Two (2) (SSV 102A)
 - SecurICode™ Keyless-Entry Keypad
 - SYNC®
 - Enhanced Voice Recognition Communications and Entertainment System
 - 911 Assist®
 - 4.2" LCD Screen in Center Stack
 - AppLink®
 - Smart-Charging Multimedia USB Port in Media Hub – One (1)
 - Trailer Tow Prep Pack – Class IV (Trailer Tow Connector, 4-pin/7-pin wiring, Class IV trailer hitch receiver)
- 4WD EXPEDITION INCLUDES**
- Intelligent 4WD
 - One-Speed Transfer Case
 - Tow Hooks, Front

<input type="checkbox"/> 4x2 Expedition Base Price	U1F/102A	\$33,659.00
<input checked="" type="checkbox"/> 4x4 Expedition Base Price	U1G/102A	\$35,727.00
<input type="checkbox"/> 4x2 Expedition MAX Base Price	K1F/102A	\$35,907.00
<input type="checkbox"/> 4x4 Expedition MAX Base Price	K1G/102A	\$37,974.00

<u>Available in:</u>	<u>Interior Ebony (LH)</u>
Antimatter Blue Metallic	[HX] <input type="checkbox"/>
Kodiak Brown Metallic	[J1] <input type="checkbox"/>
Agate Black	[UM] <input checked="" type="checkbox"/>
Iconic Silver Metallic	[JS] <input type="checkbox"/>
Oxford White	[YZ] <input type="checkbox"/>
Magnetic Metallic	[J7] <input type="checkbox"/>

<u>Available Options:</u>	<u>Option</u>	<u>Price</u>
<input checked="" type="checkbox"/> HEAVY DUTY TRAILER TOW PACKAGE	536	795.00
<i>Includes:</i>		
<ul style="list-style-type: none"> • Class IV trailer Hitch receiver • Wiring harness w/4 & 7 pin connector • Heavy duty Engine Radiator • Wheels 18" Machined-Faced Aluminum w/Magnetic Painted Pockets <u>(Not Available on MAX)</u> • 3.73 Electronic Limited-Slip Differential • Two-Speed Automatic 4WD (4x4 Only) with Neutral Towing Capability • Integrated trailer brake controller 		
<input checked="" type="checkbox"/> Reverse Sensing System	66R	110.00
<input type="checkbox"/> Daytime Running Lights	942	45.00
<input type="checkbox"/> Engine Block Heater	41H	100.00
<input type="checkbox"/> License Plate Bracket	153	N/C
<input type="checkbox"/> Running Boards	18B	405.00
<input type="checkbox"/> Seats, 2nd Row 40/20/40 Bench, Cloth	21B	110.00
<input type="checkbox"/> Seats, 3rd Row 60/40 PowerFold (Folds Flat)	87P	815.00
<input checked="" type="checkbox"/> Dual Spot Lamps	Alt2	1050.00
<input type="checkbox"/> Dual Spot Lamps LED	Alt2	1400.00
<input type="checkbox"/> Single Spot Lamp	Alt1	525.00
<input type="checkbox"/> Single Spot Lamp LED	Alt1	700.00

Total Price \$37,682.00 ea

2021 EXPEDITION/ EXPEDITION MAX SSV



SPECIAL SERVICE VEHICLE (SSV) PACKAGE (102A)

Available on XL only

17" steel wheels (265/70R17 OWL all-terrain)
3.73 electronic limited-slip differential (eLSD)
3rd-row storage bins
Column-mounted shifter
Floor console delete

Running boards delete
Skid plates (4x4)
Vinyl floor covering
Vinyl 2nd-row seat

STANDARD FEATURES

12V powerpoints (4)
AdvanceTrac[®] with RSC[®] (Roll Stability Control[™])
Airbags – Front-seat side and 3-row Safety Canopy[®] System with side-curtain airbags and rollover sensor
Air conditioning with rear auxiliary controls
Audio – AM/FM stereo with MP3 capability and 6 speakers
Brakes – 4-wheel disc with Anti-Lock Brake System (ABS)
Class IV trailer hitch receiver
Easy Fuel[®] capless fuel filler
Electric power-assisted steering
Engine – 3.5L EcoBoost[®] V6 with Auto Start-Stop Technology
Halogen headlamps with rain lamp
Individual Tire Pressure Monitoring System (excludes spare)
Mirrors – Power heated sidewind with security approach lamps

MyKey[®]
Perimeter alarm
Personal Safety System[®] for driver and front passenger with dual-stage front airbags
Power door locks
Power windows with one-touch up/down feature for driver/front-passenger side
Rear-wheel drive (RWD)
Seats – 1st-row cloth buckets with recline and 8-way power driver's with power lumbar support; vinyl 2nd-row 40/20/40 split (CenterSlide[®]) with recline
SecuriCode[™] keyless entry keypad
SecuriLock[®] Passive Anti-Theft System
SOS Post-Crash Alert System[™]
SYNC[®]
Tilt steering column
Tow hooks (4x4)
Transmission – 10-speed SelectShift automatic

FORD CO-PILOT360[™] TECHNOLOGY

STANDARD FEATURES¹

Autolamp automatic On/Off Headlamps

Ford Co-Pilot360 – Auto High-Beam Headlamps • BLIS[®] (Blind Spot Information System) with Cross-Traffic Alert • Lane-Keeping System (includes Lane-Keeping Assist, Lane-Keeping Alert and Driver Alert) • Pre-Collision Assist with Automatic Emergency Braking (AEB) (includes Pedestrian Detection, Forward Collision Warning, and Dynamic Brake Support) • Rear View Camera
Hill Start Assist
Trailer Sway Control

AVAILABLE PACKAGE²

Heavy-Duty Trailer Tow Package (536)

Not rated for duty.

EXTERIOR COLORS²



INTERIOR COLOR

AVAILABLE FEATURES

4-Wheel-Drive (4WD) System
Black running boards
Daytime running lamps
Engine block heater

Reverse Sensing System
Seat – 2nd-row 40/20/40 split bench (cloth)
Seat – 3rd-row 60/40 split PowerFold[®] (deletes 3rd-row storage bins)

DIMENSIONS & CAPACITIES³

EXTERIOR (in.)		Expedition	Expedition MAX	INTERIOR (in.)		Expedition	Expedition MAX
Length		210.0	221.9	2nd Row			
Wheelbase		122.5	131.6	Head room		40.0	40.0
Width	Including mirrors	93.4	93.4	Leg room		41.5	41.5
	Mirrors folded	83.6	83.6	Hip room		62.6	62.6
Height		76.6 (4x2), 76.4 (4x4)	76.4 (4x2), 76.2 (4x4)	Shoulder room		64.8	64.8
Minimum running ground clearance		9.6	9.6 (4x2), 9.7 (4x4)	3rd Row (if equipped)			
Lift-in height		35.3	34.9	Head room		37.3	37.4
Cargo rear opening height		32.7	32.7	Leg room		36.1	36.1
Cargo rear opening width – Lower		51.4	51.4	Hip room		51.4	51.4
Shoulder room		64.9	64.9	Shoulder room		64.2	64.3
INTERIOR (in.)				CAPACITIES (cu ft.)			
1st Row				Cargo volume			
Head room (max.)		42.0	42.0	Behind 1st row		104.6	121.5
Leg room (max.)		43.9	43.9	Behind 2nd row		57.5	73.3
Hip room		62.2	62.2	Behind 3rd row (if equipped)		19.3	34.3
Shoulder room		64.9	64.9	Fuel (gal.)		23.0	28.0
				Seating		5.8	5.8

TRAILER WEIGHT RATINGS⁴

Hitch Class	Max. Load	
	Expedition	Expedition MAX
4x2 Class IV	9,300 lbs	9,000 lbs
4x4 Class IV	9,200 lbs	9,000 lbs

Max. weights shown are for properly equipped vehicles with required equipment and a 150-lb driver. Weight of additional options, equipment, passengers and cargo must be deducted from this weight. For additional information, see your dealer. Cargo and load capacity limited by weight and distribution.

ENGINE

ENGINE	Transmission	Horsepower (hp @ rpm)	Torque (lb.-ft. @ rpm)
3.5L EcoBoost V6	10-speed SelectShift automatic	375 @ 5,000	470 @ 3,500

Explorer



January 25, 2021

Plymouth Township Police Department
Attn: Lt. Dan Kudra
9955 N. Haggerty Road
Plymouth, MI 48170

Dear Lt. Dan Kudra:

Price on 2021 Vehicle State of Michigan (MIDEAL) Contract# 071B7700180 and
Macomb County Contract# 53-17 Bid:

2021 Ford Explorer 4x4 Limited in Black

\$43,491.00 ea

Standard Service Contract: 36,000 miles or 36 months factory Bumper to Bumper Warranty and 60,000miles 60 months Powertrain Warranty . Service to be handled by your local Ford Dealer.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

2021 Explorer RWD and 4x4 Fleet, 4-Door Major Standard Equipment

MECHANICAL

- Electric Parking Brake
- Engine – 2.3L EcoBoost® I-4 with Auto Start-Stop Technology
- Four-Wheel Disc Brakes with Anti-Lock Brake System (ABS)
- Front Recovery Hook
- Standard-Duty Front and Rear Brake Calipers
- Transmission – 10-Speed Automatic

EXTERIOR

- 18.6 Gallon Fuel Tank
- Active Grille Shutters (Not available with the Fleet Only optional 3.3L Ti-VCT Engine on Base)
- Black – Molded-in-Color
- Door Handles
- Grille
- Lower Bodyside Cladding
- Wheel Lip Molding
- Body-Color
- Bumpers, Front and Rear (Body-Color Upper, Black Lower)
- Rear Spoiler
- Chrome Liftgate Appliqué
- Configurable Daytime Running Lamps (DRL) (Activates LED Low Beam Headlamps with Courtesy Delay)
- Easy Fuel® Capless Fuel Filler
- Front Air Curtain
- LED Taillamps with Amber Turn Signals
- Power Liftgate
- Privacy Glass – Second Row, Third Row and Liftgate
- Roof-Mounted Antenna
- Tires
- P255/65R18 All-Season (A/S) BSW
- Mini Spare
- Wheels – 18" Painted Aluminum
- Wipers
- Windshield – Variable Intermittent/Continuous
- Rear Window – Single-Speed Intermittent/Continuous

INTERIOR/COMFORT

- Center Floor Console – Front
- Armrest
- Storage Bin
- Climate Control
- Cabin Particulate Air Filter
- Tri-Zone Electronic Temperature Control
- Rear Auxiliary Controls
- Cruise Control
- Cupholders – 10
- Door-Sill Scaff Plates, Front and Rear – Black Molded-in-Color (MIC), embossed with "EXPLORER"
- Driver and Front Passenger Seat Back Map Pockets
- Driver's Side Footrest
- Enhanced Interior Finishes
- Satin Silver Twilight Color on Center Stack
- High Gloss Black Color on Center Stack Buttons
- Floor Mats – Black Carpet, Front and Second Rows
- Grab Handles – Front-Passenger; Second Row – two (2), includes Coat Hooks
- Illuminated Visor Vanity Mirrors (Driver and Front Passenger)
- Instrument Panel Appliqués – Ebony
- Instrument Panel Cluster
- 4.2" Color LCD Productivity Screen
- Message Center
- Outside Temperature Display
- Trip Computer
- Lighting
- Front Overhead Console Mounted Map Lights
- Illuminated Entry System
- Rear Cargo Area Light
- Second and Third Row Dome Lights
- Locking Glove Box
- Overhead Console with Sunglasses Storage
- Powerpoints (12V) – five (5)
- Front row; one (1) in Media Hub, one (1) in center console
- Second row; two (2) in rear section of center console
- Rear Cargo Area; one (1)

- Rotary Gear Shift Dial
- Seats
- Cloth
- Front Row Buckets
- 8-way Power Driver's Seat (includes Power Recline)
- 4-way Manual Front Passenger (includes Manual Recline)
- Second Row – 40/20/40 Split-Fold-Flat and Reclining Outboard Seats (Manual fore/aft adjustable seat on "40" section only)
- Third Row – 50/50 Split-Fold-Flat (Manual)
- Steering Column – Manual Tilt/Telescoping
- Steering Wheel with Mounted Features
- 5-Way Controls
- Audio Controls
- Cruise Controls
- Windows, Power – Front and Rear. Front Row One-Touch-Up/Down Feature (door mounted controls).

SAFETY/SECURITY

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Airbags
- First Row: Driver and Passenger Dual-Stage Front, Front seat Side and Driver/Passenger Knee
- All Rows: Safety Canopy® Side-Curtain with Rollover Sensor
- Center High-Mounted Stop Lamp (CHMSL)
- Curve Control
- Day/Night Rearview Mirror – Manually Adjustable
- Door Locks, Power
- Auto lock/Auto unlock
- Child-Safety Rear
- Head Restraints
- Two-Way Manually Adjustable (Up/Down) All Rows. Second Row Center Head Restraint is fixed position)
- Headlamps
- LED Low and High Beams with Courtesy Delay
- Wiper-Activated
- Hooks
- Cargo Net – Four (4)
- Load Floor Tie-Down – Four (4)
- Individual Tire Pressure Monitoring System (ITPMS)
- LATCH (Lower Anchors and Tether Anchors for Children) on Second and Third Row Outboard Seating Positions
- Mirrors, Sideview – Power Glass, Manual-Folding and Black Molded-in-Color Caps
- MyKey®
- Personal Safety System™
- Rear-Window Defroster and Washer
- Safety Belts
- Front Row – Belt-Minder® (Front Safety Belt Reminder)
- Front Row – Adjustable Height
- Second Row – Outboard and Center Seat Shoulder
- Third Row – Outboard
- SecuriLock® Passive Anti-Theft System (PATS) (Explorer Base Series Only)
- SOS Post-Crash Alert System™

FORD CO-PILOT360 TECHNOLOGY

- Auto Hold
- Ford Co-Pilot360™
- Auto High-Beam Headlamps
- BLIS® (Blind Spot Information System) with Cross-Traffic Alert
- Lane-Keeping System (includes Lane-Keeping Assist, Lane-Keeping Alert and Driver Alert)
- Pre-Collision Assist with Automatic Emergency Braking (AEB) (Pedestrian Detection, Forward Collision Warning, Dynamic Brake Support)
- Rear View Camera
- Headlamps – Autolamp (Automatic On/Off)
- Hill Descent Control™ (4X4 Only)
- Hill Start Assist
- Post-Collision Braking
- Reverse Sensing System
- Side-Wind Stabilization
- Trailer Sway Control

FUNCTIONAL

- 3.58 Non-Limited-Slip Rear Axle
 - Audio
 - AM/FM Stereo
 - MP3 Capable
 - Six (6) Speakers
 - Speed-Compensated Volume
 - SiriusXM® Radio
 - Battery Saver
 - Compass
 - EcoCoach (efficient driving assistant)
 - Electric Power-Assisted Steering (EPAS)
 - Engine Oil Cooler
 - FordPass Connect™
 - 4G LTE Wi-Fi hotspot connects up to 10 devices
 - Remotely start, lock and unlock vehicle
 - Schedule specific times to remotely start vehicle
 - Locate parked vehicle
 - Check vehicle status
- Note: Ford Telematics™ and Data Services Prep included for Fleet

- Front and Rear Stabilizer Bars
 - Independent Front and Rear Suspension
 - Intelligent Oil-Life Monitor®
 - Keyless-Entry Integrated Key Transmitter Remotes – Two (2)
 - Regenerative Braking System
 - SYNC® 3
 - Enhanced Voice Recognition Communications and Entertainment System
 - 8" LCD Capacitive Touchscreen in Center Stack with Swipe Capability
 - Pinch-to-Zoom capability included when equipped with available Voice-Activated Touchscreen Navigation System (Navigation is included in the Ford Co-Pilot360™ Assist+ (65S))
 - Applink®
 - 911 Assist®
 - Apple CarPlay™ and Android Auto™ Compatibility
 - USB Ports, First Row – One (1) "A" and (1) "C" in the Media Hub
- 4WD MODELS INCLUDE:**
- Intelligent 4WD
 - Terrain Management System™

[] Explorer RWD Limited Price K7F/300A	\$41,171.00
[x] Explorer 4x4 Limited Price K8F/300A	\$42,946.00

Limited Contains all XLT 202A Standard Items Plus:

EXTERIOR

- Door Handles – Body Color with Bright Insert
- Exhaust Tips, Dual – Chrome
- Grille – Bright Silver Painted Mesh Insert with Chrome Bars
- Liftgate Scuff
- Roof-Rack Side Rails – Satin with Black End Caps
- Tires – P255/55R20 All-Season (A/S) BSW
- Wheels – 20" Premium Painted Aluminum

INTERIOR/COMFORT

- Ambient Lighting
- Door-Sill Scuff Plates with Bright Inserts, Front and Rear
- Enhanced Interior Finishes on Limited Ebony Interiors
 - Light Slate Colored Uppers: Headliner, Overhead Console, Pillars, Grab Handles, Visors and Moonroof Shade
 - Satin Silver Twilight Color on Door Armrest Carrier and Steering Wheel Bezel
- High Gloss Black Color on Center Stack□
- High Gloss Black Color Center Stack Buttons
- Enhanced Interior Finishes on Limited Sandstone Interiors
 - Satin Silver Twilight Color on Door Armrest Carrier and Steering Wheel Bezel
 - High Gloss Black Color on Center Stack□
 - High Gloss Black Color on Center Stack Buttons
- Instrument Panel Film Accent Appliqués – Noce Wave
- Interior Environments
 - Ebony with Light Slate Upper
 - Sandstone
- Seats
 - 10-way Power Passenger Seat (includes Power Lumbar and Recline)
 - Leather Seating Surfaces with Micro Perforation and Accent Stitching

- Front Heated and Ventilated
 - Second Row Heated
 - Second Row Power-Assist Fold and E-Z Entry
 - Second Row Sunblinds
 - Steering Wheel – Heated, Leather-Wrapped with Paddle Shifters
- SAFETY/SECURITY**
- Auto-Dimming Rearview Mirror (Interior)
 - 360-Degree Camera (with Split View)
 - Head Restraints
 - Four-Way Manually Adjustable Driver and Front-Passenger

FORD CO-PILOT360 TECHNOLOGY

- Ford Co-Pilot360™ Assist+ includes the standard Ford Co-Pilot360™ features2, plus:
 - Intelligent Adaptive Cruise Control_ with;
 - Stop-and-Go
 - Lane Centering
 - Speed Sign Recognition
 - Evasive Steering Assist_
 - Voice-Activated Touchscreen Navigation System with Pinch-to-Zoom Capability, SiriusXM Traffic and Travel Link®
 - Forward Sensing System
 - Rain-Sensing Wipers (Front Only)
- FUNCTIONAL**
- Audio
 - B&O Sound System by Bang & Olufsen with 12 Speakers
 - HD Radio™
 - Universal Garage Door Opener (UGDO)
 - Windshield Wiper De-Icer
 - Wireless Charging Pad

Explorer Limited Options

[] High 301A Package

- 110V/150W AC Power Outlet (replaces the Powerpoint Port on the rear side of the Center Floor Console)
- Drivers Seat – Memory
- Hands-Free, Foot Activated Liftgate
- Mirrors, Sideview – Power-Folding with Autofold, Power and Heated Glass, LED Turn Signal Indicators, Security Approach Lamps, Driver/Passenger Side Memory and Gloss Black Caps
- Third Row PowerFold® (folds flat)
- Steering Column – Power Tilt/Telescoping

[x] Trailer Tow Package Class III

Option Code	Price
301A	995.00

52T	545.00
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<input type="checkbox"/> Cargo Management System	21F	165.00
• Cargo Net		
• Cargo Well Rubber Mat		
• Reversible Load Floor		
<input type="checkbox"/> Twin Panel Moonroof	439	1695.00
<input type="checkbox"/> 20" Hand Polished Aluminum Wheels	64U	595.00
<input type="checkbox"/> 20" P255/55R20 All-Season Self Sealing Tire	TFS	195.00
<input type="checkbox"/> Seats- Second Row 35/30/35 Bench with E-Z Entry and Armrest	17U	495.00
<input type="checkbox"/> Floor Liners, Front and Second Rows	16B	200.00
<input type="checkbox"/> Engine Block Heater	41H	90.00
<input type="checkbox"/> License Plate Bracket Front	153	N/C
<input type="checkbox"/> Daytime Running Lights	942	45.00
<input type="checkbox"/> Extra keys with Integrated Keyless Entry ____@ \$275.00 ea = ____	SIG	

Total Price \$43,491.00 ea

2021 Explorer Limited Colors

Exterior Colors

Interior Colors

		Ebony (C6)	Sandstone (CN)
Oxford White	[YZ]	[]	[]
Agate Black	[UM]	[x]	[]
Iconic Silver Metallic	[JS]	[]	[]
Carbonized Gray Metallic	[M7]	[]	[]
Stone Gray Metallic	[D1]	[]	[]
Atlas Blue Metallic	[B3]	[]	[]
Silver Spruce Metallic	[BN]	[]	[]
Extra Cost Paint (\$395.00)			
Rapid Red Metallic Tinted Clearcoat	[D4]	[]	[]
Infinite Blue Tinted Clearcoat	[AB]	[]	[]
Extra Cost Paint (\$595.00)			
Star White Metallic Tri-coat	[AZ]	[]	[]



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: **March 2, 2021**

ITEM: **Proposed Adjustments to Fee Schedules in Building and Planning**

PRESENTERS: Building Department Coordinator Cheri Palmarchuk
 Township Planner Laura Haw

BACKGROUND: Periodically the Township updates its various fee schedules in the Building, Planning, Water/Sewer and other departments. The last fee schedule adjustments for Building and Planning were approved by the Board in 2017. In March of 2018, the Township adopted the 'PZE' (Planning, Zoning, Engineering) project management platform to monitor and ensure project completion throughout all the Township's various administrative functions. All payments, escrows, and bonds are collected, refunded, and tracked through the PZE system. **Performance Bonds** are to ensure project completion and are refundable once a project is completed. **Escrows** are to pay for outside consultants and fees needed to achieve project completion (attorney, engineer, planner) and county recording fees.

Over the last three years, as the Building and Planning Departments have come to learn more about the PZE system and its applicability in a real-world environment, suggested modifications to our fee schedules have developed (attached). Some of these adjustments are increases, but many are decreases or removal of redundant items. In any event, these fee changes are being made not to make money (which we are prohibited from doing under the Michigan Supreme Court's Bolt decision) but to ensure timely completion of projects, and to see that our costs are covered by the developer/applicant, not our taxpayers.

PROPOSED MOTION: **None; discussion only.**

Bonds/Escrow fee schedules recommended updates

Requested by Building Department:

1. Utility Escrow

This is to ensure the Township has funds available should work stop, be incomplete, or have deficiencies with the site utilities and soil erosion. This ensures soil erosion measures are in place for 10 feet back of curb and 10 feet front of rear lot line for the safety of the storm drains, streets and property lines. This also ensures that the site utilities remain uncovered by landscaping (stop box, storm drains, sanitary/water manholes). This is collected with a cash bond before the pre-con meeting and is refunded 1 year after site completion.

Subdivision	\$10,000
Commercial building	\$5,000
Parking lot repaving	\$2,000 minimum (fees based on size of job, how many utilities)

2. Hydrant Meter bond updates

The Township needs to update the bond amounts for hydrant meter rentals to include the cost of meter replacement if stolen and meter damage if left out during the winter to freeze. This bond is taken at the time of the rental and returned once the final meter rental/water fees are paid. The replacement cost for a 1" meter is \$664.54 and 2" is \$1,840.00 in 2020.

Current bond amount		New bond amount
3/4"	\$150.00	\$700.00
1"	\$200.00	\$700.00
1 ½"	\$400.00	\$2,000.00
2"	\$600.00	\$2,000.00
2 ½"	\$800.00	\$2,000.00

3. Engineering Escrow updates

This is based on the estimated cost of construction calculated by the applicant and needs to be updated to a larger percentage as in most cases the applicant underestimates the cost and the Township must constantly ask for more engineering escrow.

Current escrow percentage for inspection fees	3.0%	new percentage 5.5%
Plan review of sanitary, water, storm & general	2.0%	new percentage 3.5%

4. Landscape bond, as determined by project in either a Township Performance Bond or Full Cost of the Landscaping per the approved Site Plan.

This is to ensure that the project meets the required/approved landscaping approved by Planning Commission. Once the landscape has been approved this bond is returned to the applicant. If the landscape does not meet the requirements and the applicant refuses to meet the landscaping this bond can be used to ensure project completion.

5. Payment in Lieu for sidewalks, landscaping and amenities, as determined by project per the approved Site Plan and a professional quote for the proposed work.

This is a cash payment for projects that cannot meet the standard requirements of the Township on their site alone. This includes tree, sidewalk and amenities. The applicant gives the Township a quote for the trees, sidewalks or amenities, the Township reviews and agrees, then the cash is put into our dedicated sidewalk fund or tree fund to be used on specific projects in the Township.

6. Recording Fees for Wayne County escrow

These fees are charged by the County for online recording for items like storm drain agreements, water main easements, sanitary sewer easements, land division/combinations, CHO, PUD, etc.

- Wayne County fee is taken out of the collected engineering escrow or PZE process escrow
- Administrative fees paid to the Township for recording \$35.00 taken out of the collected engineering escrow, split/combination escrow, or PZE process escrow

Requested by Planning:

7. Land Combination/Division Recording Escrow \$100.00

The Township requires all splits/combinations be recorded to ensure that the property is recorded as approved by the Township Supervisor to protect Township easements and Township residents. This escrow is collected at the time of the split/combination request for the County recording fees and the Township administrative fees.

8. Planning, Legal and Engineering Escrow

Current escrow amounts		New escrow amounts
Planning	\$1,000.00	\$3,000.00
Legal	\$1,000.00	\$3,000.00
Engineering	\$1,000.00	\$3,000.00

Current escrows need to be updated to \$3,000 each to pay for services above what is included in our fee schedule, so the Township does not have to keep invoicing when the account runs low, these are only collected on projects that require extra services, whatever is remaining once all invoices have been paid is refunded back to the applicant. This reduces Township staff time, applicant/developer time and increases efficiency.

9. Landscape Observation and Report (May 1 – October 31): \$500, plus \$25 per impacted acre(s)

Recommend adding the time frame permitted into the fee schedule and reducing the amount. We have a streamlined system now and this could be reduced.

Currently: \$700, plus \$30 per impacted acre(s)

10. Lot Line Modification: \$800

Recommend reducing the total amount by \$400 to be consistent with land combination fee (\$800).

11. Planning Commission Sign Review: \$200

Create line item for miscellaneous signs that require Planning commission review (ex: IND, non-masonry sign).

12. Addition to Existing Building(s): Remove

The application will either fall under site plan or administrative site plan review, redundant in fee schedule.

13. CHO / RUD / PUD Review: Board of Trustees: \$1,000 with distribution to planning and engineering as follows: \$300 Township Fee, \$350 Planner, \$350 Engineer.

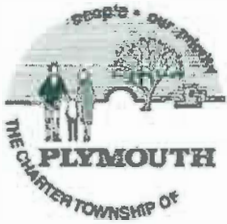
Currently at \$1,600 and no distribution to planner / engineer for report materials to Board.

14. Administrative Review (major): \$2,000

Reduce from \$2,500 to scale better to smaller projects.

15. Other Planning and Zoning Applications: \$2,000

Reduce from \$2,500 plus \$150 per acre to scale better to smaller projects.



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: March 2, 2021

ITEM: Upgrade of Sound System in the Township Board Room Resolution # 2021-03-02-16.

PRESENTER: Clerk Vorva

BACKGROUND: Upon taking office in 2016 the Board has had to deal with the existing sound system which was installed when the Hall was originally built. The system has been plagued with reliability issues. The Board has made some upgrades when components have failed, however this has not solved the underlying quality issues for communication with the public in the Board Room and with audiences at home via the public cable channels.

The Township receives annual PEG (Public Education and Government) fees from several sources and have accumulated enough fees in the restricted fund to allow for a more robust upgrade.

The Township submitted bids for the project and received six bids which have been reviewed for compliance with the bid specifications. I am recommending that the Board award the contract to Tel Systems Audio and Visual Solution Company in the amount of \$55,801.22.

ACTION REQUESTED: Approval of Resolution

BUDGET/ACCOUNT NUMBER: GL # 101-101-907.000

PROPOSED MOTION : Move to adopt Resolution # 2021-03-02-16 to award the sound system upgrade contract to Tel Systems Audio & Visual Solutions Company in the amount of \$ 55,801.22 and to request that the Finance Director to appropriate from the PEG fee Restricted fund balance in an amount of \$66,000.00.

Roll Call Vote:

___ Vorva ___ Curmi ___ Monaghan ___ Clinton ___ Heise ___ Stewart ___ Doroshewitz

**STATE OF MICHIGAN
COUNTY OF WAYNE
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOULTION APPROVING THE CONTRACT AWARD FOR THE UPGRADE OF THE
SOUND SYSTEM IN TOWNSHIP HALL.**

RESOLUTION #2021-03-02-16

At a Special Meeting of the Board of Trustees for the Charter Township of Plymouth, held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on March 2, 2021, the following was offered:

WHEREAS, the original sound system which was installed over 15 years ago has been plagued with issues that have prevented the Board from adequately communicating with the public both in person and via cable channels, and;

WHEREAS, despite replacements of several components that have failed, over the past 4 years such replacement have not corrected the problems, and;

WHEREAS, pursuant to Section 611 of the Communications Act has allowed the Township to collect annual PEG (Public Education and Government) fees from cable companies and it has accumulated enough fees in the Restricted Fund to allow for a more robust upgrade of the system, and;

WHEREAS, six bids were received for the upgrade on January 29, 2021, and;

WHEREAS, the bids were reviewed by Treasurer Clinton, Clerk Vorva and Trustee Doroshewitz;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution # 2021-03-02-16** authorizing the award of the contract for the upgrade of the sound system in Township Hall to Tel Systems Audio and Visual Solutions Company; in accordance with the bid specification at a price not to exceed \$55,801.22 and request the Director of Finance to appropriate from the Resected PEG fee fund balance in an amount of \$66,000.00 account # 101-101-970.000.

Ayes:

Nays:

Adopted: Special Meeting of the Board of Trustees on March 2, 2021

Jerry Vorva, Clerk, Charter Township of Plymouth

Certification

STATE OF MICHIGAN)

)

COUNTY OF WAYNE)

I hereby certify that the foregoing is a true copy of the above Resolution, the original of which is on file in my office.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution: 2021-03-02-16

Bid Sheet for AV system

Company	Bid Amount
1. Blue water	58,517.74
2. SMART Offices	In Tax 61,046.85
3. AVI SPL	59,924.31
4. Sound Planning.	65,794.05
5. Addon Services	57,311.00
6. TEL Systems	67,595.24
7.	Base 51,451.22
8.	TEL Program 50,551.22
9.	
10.	
11.	
Attending David Corbat - Sound planning Jerry Clerk	

RFP 20210104 Township Hall AV Upgrades

/

Presented By:
PAUL EISWERTH
PEISWERTH@THALNER.COM

PROPOSAL: 10559

Company Overview

WHO IS TEL SYSTEMS?

TEL Systems creates custom audio and video technology solutions with a focus on the design, installation, service and maintenance of educational, industrial, corporate, government and broadcast audio and video systems.

Established in 1965, and with offices in Ann Arbor and Detroit, Michigan, TEL Systems supports architects, engineers and designers with a comprehensive AV product line, professional design, engineering and installation personnel, knowledgeable sales staff, and factory-trained maintenance technicians. TEL Systems has been setting the standard for innovative AV system solutions for over 54 years by helping our customers communicate using state-of-the-art AV solutions, and ensuring client satisfaction throughout the project.

Once the integration is complete, the company's employee owners provide a high level of ongoing support. Warranty and post-warranty service, maintenance agreements and system expansion are all part of the ongoing support that makes TEL Systems more than simply another systems contractor.

OUR CAPABILITIES AND APPROACH

All technology jobs require technical expertise and experience, and TEL Systems has shown through our successful completed projects, our technology certifications and our experience in design, integration, and service that we have this ability.

Last year we achieved APEX Certification, which is a great honor in our industry and provides recognition of our high quality of service, technical expertise and professionalism as an Audiovisual Provider of Excellence. It offers outside recognition of our staff's expertise and provides our customers with confidence that their job will be undertaken and completed in the best way possible.

TEL Systems is also a proud member of the **Professional Systems Network International**. PSNI is a global alliance of premier audio/visual (AV) systems integrators— each an independent industry leader providing customized AV solutions that leverage careful analysis, creativity, flexibility and advanced technology. Integrators can become members of this exclusive group only by the nominations of existing integrators. PSNI has only one affiliate to represent any geographic location in the nation, and we are the affiliate for Michigan.

TEL Systems is affiliated with the **United States Green Building Council** and has an LEED Accredited Professional on staff. We also have staff members certified as programmers and designers for numerous manufacturer programs for high-level products.

Our CTS certified employees adhere to the AVIXA's CTS Code of Ethics and Conduct and maintain their status through continued education. TEL Systems encourages our employees to advance their education and obtain these individual AVIXA CTS certifications. The CTS for general expertise in AV, the CTS®-D for specialization in AV design and the CTS®-I for specialization in AV installation, all which set the standard for AV professional credentials.

TEL Systems is proud to be among this elite group of professional companies. We stand behind our company's services and quality solutions and have pledged through AVIXA's Core Values Agreement to uphold a strict code of ethics and workmanship practices that we integrate into our daily routine. In this highly technical and complex arena, hiring knowledgeable AV professionals fosters a productive, efficient and effective project experience, mitigating problems and budget overruns.

RFP 20210104 Township Hall AV Upgrades

Thank you for this opportunity to bid on your Township Hall AV Systems Update. We have closely reviewed the specifications and we are confident that all technical items are addressed in the bid specification. We provide an all-inclusive response.

Project:

We are pleased to provide a proposal for the [Township Hall AV Systems Update](#)

Objective:

Provide and install all elements for a successful, working AV system as specified by incorporating new components into existing components.

Solution:

As specified and detailed in our quotation.

Scope of Work:

As specified in the bid documents and detailed in our quotation. Programming services provided by Intelligent AV programmers, Clio, Michigan per the bid specification. Their services include the following:

Off-Site Development- IAV will develop the graphical user interfaces, audio DSP programs, and control systems programs in its office in Clio, MI.

IAV Shop Debugging

Customer Site Testing and Commissioning

Warranty - IAV warrants its work for one year.

Source Code- IAV will provide all non-compiled source code as well as the compiled versions of the code to you at the completion of the project

We also provide the option for these services as listed for TEL Systems to perform and provide for the system.

Assumptions:

All required 110VAC and network drops provided by others. The installation will be performed during normal business hours. See also our terms and conditions. The new system renovation does not include repair servicing of existing components if necessary for proper functionality. This can be provided separately if necessary.

Quote Revision History:

This is the original quote issue.

Time Table: Typical turn-around for this type of system is 8-12 weeks from time of order. Note that we can often accommodate target dates with more aggressive schedules. The target date of March 15 to begin installation is contingent upon all equipment availability. At this time there is no evidence that this target date cannot be met.

Project Scheduling and Communication:

Once we receive your purchase order, we will immediately convert this quotation to an order, which will activate our process assigning a project manager. Our project manager will lead the equipment ordering process and serve as your point of contact through completion. The project manager will initiate an email thread with you, typically within two weeks of order-conversion, and update the email thread with progress reports in an ongoing basis until the project is complete. All questions, requests, concerns and general notes relating to the project must be directed to our project manager as a first point-of-contact to ensure proper communication and timely project success.

Comments:

We are flexible with our products and services offerings and we are happy to revise this proposal to better accommodate your plans and budgets.

Additional TEL Systems company information can be viewed [at www.thalner.com](http://www.thalner.com) and references can be provided upon request.

RFP 20210104 Township Hall AV Upgrades

PURCHASED EQUIPMENT

PART NUMBER	MFG	PART DESCRIPTION	QTY	UNIT PRICE	EXT. PRICE
BASE BID					
MPR 211 B	Beyerdynamic	Revoluto desktop line-array microphone with mute button and LED indicator, remote & external logic	10.00	\$417.72	\$4,177.20
ULXD4Q=H50	Shure	Quad Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardwa	1.00	\$4,326.09	\$4,326.09
ULXD4D=H50	Shure	Dual Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardwa	1.00	\$2,163.04	\$2,163.04
ULXD8=H50	Shure	Wireless gooseneck microphone base for ULXD and QLXD. Includes AA Alkaline Batteries	4.00	\$369.57	\$1,478.28
ULXD1=H50	Shure	Digital Wireless Bodypack Transmitter with Miniature 4-Pin Connector	2.00	\$380.43	\$760.86
SBC850-US	Shure	8-Bay Networked Docking Station for BN & GN	1.00	\$760.87	\$760.87
SB900A	Shure	Shure Lithium-Ion Rechargeable Battery	12.00	\$81.52	\$978.24
UA864US	Shure	Wall-Mounted Wideband Antenna	2.00	\$325.00	\$650.00
UA8100	Shure	100' UHF Remote Antenna Extension Cable, BNC-BNC, RG213/U Type	2.00	\$184.78	\$369.56
TesiraCONNECT TC-5D	Biamp Systems	5-port expansion device with AVB to Dante Bridging	1.00	\$869.57	\$869.57
TesiraFORTE DAN CI	Biamp Systems	Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 ch	1.00	\$2,118.48	\$2,118.48
TesiraFORTE DAN VT	Biamp Systems	Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 ch	1.00	\$2,281.52	\$2,281.52
Tesira EX-UBT	Biamp Systems	PoE AVB/USB expander with Bluetooth wireless technology	1.00	\$380.43	\$380.43
V11H940120	Epson	3 LCD 7000 WUXGA Projectors Black	1.00	\$5,691.30	\$5,691.30
HD-TX-101-C-E	Crestron	DM Lite Transmitter for HDMI Signal Extension over CATx Cable	4.00	\$179.35	\$717.40
HD-TXC-101-C-E	Crestron	DM Lite Transmitter for HDMI, IR, and RS-232 Signal Extension over CATx Cable	2.00	\$217.39	\$434.78
HD-RX-101-C-E	Crestron	DM Lite ? HDMI over CATx Receiver, Surface Mount	4.00	\$179.35	\$717.40
HD-RXC-101-C-E	Crestron	DM Lite ? HDMI over CATx Receiver w/IR & RS-232, Surface Mount	2.00	\$217.39	\$434.78
HD-MD8X4-4KZ-E	Crestron	8x4 4K60 4:4:4 HDR AV Switcher	1.00	\$2,717.39	\$2,717.39
HD-SCALER-HD-E	Crestron	High-Definition Video Scaler, HDMI In, HDMI Out	2.00	\$271.74	\$543.48
32090MAGEWELL	Magewell	USB Capture HDMI 4K Plus Device	1.00	\$498.91	\$498.91
PD-DC-300-12-24V	Middle Atlantic	DC PWR DIST300W 12V 24V	1.00	\$420.65	\$420.65
CP4N	Crestron	4-Series Control System	1.00	\$1,521.74	\$1,521.74
CEN-IO-RY-104	Crestron	Wired Ethernet Module with 4 Relay Ports	1.00	\$201.09	\$201.09

TSW-770-W-S	Crestron	7 in. Wall Mount Touch Screen, White Smooth	1.00	\$978.26	\$978.26
TS-770-B-S	Crestron	7 in. Tabletop Touch Screen, Black Smooth	1.00	\$1,086.96	\$1,086.96
AMS-1208P	Luxul	AV SERIES 12-Pt/8 PoE+ GbE Mngd Switch	1.00	\$300.21	\$300.21
MISC-EXPENSE		Necessary Material, Cabling, Fastening Hwd Etc.	1.00	\$1,272.73	\$1,272.73
INSTALLATION - I		Docs for approval, install, PM, test, training			\$7,900.00
PROGRAM		Programming Services by Intelligent AV			\$4,900.00
WARRANTY		First 12 month on-site warranty per the bid specifications - Included	1.00	\$0.00	\$0.00
BASE BID SUBTOTAL:					\$51,651.22
OPTIONS					
Optional years 2-3 available price per request.					
BUDGET		Option for TEL Systems to provide all of the programming, dev., testing, Deduct from base bid.	1.00	(\$1,100.00)	(\$1,100.00)
OPTIONS SUBTOTAL:					(\$1,100.00)
TOTAL PURCHASED EQUIPMENT					\$50,551.22

General Terms and Conditions

These Terms & Conditions are by and between Thainer Electronic Laboratories, Inc. d/b/a TEL Systems, Inc. and the undersigned Customer (the "Customer")

1. **PRICING** All prices good up to 60 days after quote date, and all sales are considered final.

2. **INSTALLATION:** Customer hereby grants to TEL Systems the right to install the equipment, and represents and warrants that all necessary governmental and third-party approvals for installation have been obtained. Delays in installation caused by public agencies, manufacturers, suppliers, acts of God, strikes or other union bargaining, and all acts not directly attributable to TEL Systems shall not in any way affect the obligations of Customer. TEL Systems shall not be responsible for damages for any such delay.

3. **TAXES, FEES, AND PERMITS:** Customer agrees to pay TEL Systems all State and Local taxes, excises, permits, and fees if required. All dollars in this agreement are pretax unless otherwise stipulated.

4. **PAYMENT:** Payment accepted in the form of cash, cleared business or personal check or other pre-approved electronic payment options. Financing options are available and must be agreed upon before sale.

5. **SHIPPING:** All shipments of Equipment are FOB TEL Systems' distribution facilities, unless otherwise noted in quotation.

6. **RESPONSIBILITY:** Please reference the proposal number on purchase orders or correspondence. Until balance is paid, Customer agrees to take proper care of the Equipment on premises and to be responsible for its damage or loss by fire, theft, casualty or any other cause whatsoever, and will not permit or suffer same to be removed from the place of its location at address of Customer, without written consent of TEL Systems or assigns.

7. **GENERAL:** This Agreement constitutes the sole and entire understanding between the parties with respect to the subject matter hereof and supersedes all prior conversations, agreements, representations and promises, whether verbal or written. No modification of this Agreement shall be valid unless made in writing and properly signed by each party.

8. **INFRASTRUCTURE:** In the event that TEL Systems is installing equipment or systems that require connectivity to the Customer network including, but not limited to, VOIP / SIP / POTs connectivity, Internet Access, Wireless Network Access, firewall traversal, port forwarding, and/or RF COAX, TEL Systems may advise Customer as to the network requirements. Any responsibility for infrastructure on the part of TEL Systems stops at the installed equipment's network jack or wireless connection; and configuration of the network settings on the device sold. TEL Systems is not responsible for updating network settings in the event the Customer's network changes. If the Customer's network is not "Plug and Play" then any custom network settings must be supplied by the Customer to TEL Systems before the completion of installation.

9. **INSTALLATION AND SITE PREPARATION:** Installation (field assembly, interconnection, equipment calibration and checkout) is to be performed by the TEL Systems' trained technical employees. There may be times that TEL Systems will find it necessary to employ sub-contractors to assist in or carry out, in whole or in part, the installation. TEL Systems shall coordinate and cooperate with other trades to facilitate satisfactory work progress. If the TEL Systems work in progress is impeded by other trades and/or contractors (excluding TEL Systems' own subcontractors) or by scheduling delays due to the Customer, time delays in the final installation as well as additional charges including labor, travel and reasonable expenses may result.

The Customer shall be responsible for preparing, at its own expense, the installation site in accordance with the TEL Systems' instructions, including the requirements specified in the quotation. TEL Systems shall not be responsible for any high voltage electrical work, conduits, raceways, cable trays, ceiling modifications, structural modifications, or mechanical systems modifications. Unless otherwise specified, Customer shall provide TEL Systems with source code (uncompiled) including GUI touch panel files for any non-TEL Systems programmed remote control systems required to be modified under the terms of this agreement. All building renovations, structural, aesthetic, trim, finish work or otherwise are not included in TEL Systems' pricing.

Installation price reflects work performed during normal business hours only, unless specified in writing.

The Customer shall provide TEL Systems with reasonable access to the installation site before delivery, for purposes of determining site readiness for installation, and shall designate an individual on Customer's staff to serve as a contact person for all site preparation and installation issues. The installation will be scheduled through this single point of contact. If the Customer needs to move the pre-scheduled installation date 10 business days or closer before the pre-scheduled install date, additional fees may incur.

Customer shall provide TEL Systems with access to the installation site to prepare for installation. The Customer shall indemnify the TEL Systems against any loss, damage or claim arising out of the condition of the storage and installation premises. Customer shall obtain at its expense and keep effective all permissions, licenses, and permits whenever required for the installation and/or use of the Equipment and the premises where the Equipment shall be situated.

10. **LIMITATIONS OF WARRANTY-- PRODUCTS OF OTHERS:** This proposal will include a limited one-year, on-site parts and labor warranty against defective workmanship on the installation and on the products included in the system. The system warranty is initiated at the time of substantial system completion. Please see the TEL Systems Warranty/Implementation Agreement for more details and clarifications.

Unless otherwise specified, no warranty is provided for "consumables" including batteries, lamps, glassware and evacuated devices. TEL Systems' obligation with respect to any material or part identified in the quotation, literature, or specifications furnished to the Customer as manufactured or supplied by others, shall be to pass on to the Customer the applicable manufacturer's warranties, if any. TEL Systems makes no implied or assumed claims regarding performance, capabilities or interface capability of the equipment listed unless otherwise noted.

11. CHOICE OF LAW AND SEVERABILITY: This agreement shall be interpreted in accordance with and governed in all respects by the law of the State of Michigan. Should any provision of this agreement be found invalid or unenforceable by a court of law, it shall not affect the validity of any other provision contained herein.

12. RESTOCKING FEES: Equipment returns must be authorized in writing by TEL Systems and may incur a re-stocking fee plus total freight.

13. CHANGE ORDERS: Any changes made to the design of the system or the contractual agreements in implementation or functionality may result in a price change and will require a "Change Order" form signed by an authorized decision maker for the Customer.

14. CONFIDENTIALITY: This Entire Document and all information enclosed including drawings, specifications and designs is the property of TEL Systems. Proprietary information provided to Customer (or agents) is for the sole purpose of demonstrating TEL Systems' capabilities and shall be held in confidence. These Materials may not be copied, distributed or disclosed in any way without the sole written permission of an authorized representative of TEL Systems.

RFP 20210104 Township Hall AV Upgrades

Quote Summary

Purchased Equipment:	\$50,551.22
Shipping and Handling	\$0.00
Subtotal:	\$50,551.22
Tax:	\$0.00
Total:	\$50,551.22
Terms:	EOB

Net 30 PE

Acceptance

CLIENT:

DATE:

BY:

PRINT:

COMPANY TEL Systems

DATE:

BY:

PRINT:



QUOTATION: 10798
 Thalner Electronic Laboratories, Inc.
 d/b/a TEL Systems
 7235 Jackson Rd.
 Ann Arbor MI 48103
 734-761-4506

BILL TO:		JOB LOCATION:	
COMPANY:	Plymouth, Charter Township of	COMPANY:	
ADDRESS:	9955 N. Haggerty Rd, Plymouth, MI 48170	ADDRESS:	
	Plymouth, MI 48170		
CONTACT:	Jerry Vorva	CONTACT:	
PHONE:	(734)453-3840	PHONE:	
		DATE:	February 25, 2021
		SALES REP:	PAUL EISWERTH
		PHONE:	(734)751-7251
			PEISWERTH@THALNER.COM
		FOB:	
		TERMS:	COD
TITLE:			
RFP 20210104 Township Hall AV Upgrades			

Thank you for this opportunity to bid on your Township Hall AV Systems Update. We have closely reviewed the specifications and we are confident that all technical items are addressed in the bid specification. We provide an all-inclusive response.

Project:

We are pleased to provide a proposal for the [Township Hall AV Systems Update](#)

Objective:

Provide and install all elements for a successful, working AV system as specified by incorporating new components into existing components.

Solution:

As specified and detailed in our quotation.

Scope of Work:

As specified in the bid documents and detailed in our quotation. Programming services provided by Intelligent AV programmers, Clio, Michigan per the bid specification. Their services include the following:

Off-Site Development- IAV will develop the graphical user interfaces, audio DSP programs, and control systems programs in its office in Clio, MI.

IAV Shop Debugging

Customer Site Testing and Commissioning

Warranty - IAV warrants its work for one year.

Source Code- IAV will provide all non-compiled source code as well as the compiled versions of the code to you at the



QUOTATION: 10798
Thalner Electronic Laboratories, Inc.
d/b/a TEL Systems
7235 Jackson Rd.
Ann Arbor MI 48103
734-761-4506

completion of the project

We also provide the option for these services as listed for TEL Systems to perform and provide for the system.

Assumptions:

All required 110VAC and network drops provided by others. The installation will be performed during normal business hours. See also our terms and conditions. The new system renovation does not include repair servicing of existing components if necessary for proper functionality. This can be provided separately if necessary.

Quote Revision History:

This is the original quote issue.

Time Table: Typical turn-around for this type of system is 8-12 weeks from time of order. Note that we can often accommodate target dates with more aggressive schedules. The target date of March 15 to begin installation is contingent upon all equipment availability. At this time there is no evidence that this target date cannot be met.

Project Scheduling and Communication:

Once we receive your purchase order, we will immediately convert this quotation to an order, which will activate our process assigning a project manager. Our project manager will lead the equipment ordering process and serve as your point of contact through completion. The project manager will initiate an email thread with you, typically within two weeks of order-conversion, and update the email thread with progress reports in an ongoing basis until the project is complete. All questions, requests, concerns and general notes relating to the project must be directed to our project manager as a first point-of-contact to ensure proper communication and timely project success.

Comments:

We are flexible with our products and services offerings and we are happy to revise this proposal to better accommodate your plans and budgets.

Additional TEL Systems company information can be viewed at www.thalner.com and references can be provided upon request.

PURCHASED EQUIPMENT

PART NUMBER	MFG	PART DESCRIPTION	QTY	UNIT PRICE	EXT. PRICE
BASE BID					

QUOTATION: 10798

Thalner Electronic Laboratories, Inc.
 d/b/a TEL Systems
 7235 Jackson Rd.
 Ann Arbor MI 48103
 734-761-4506

MPR 211 B	Beyerdynamic	Revoluto desktop line-array microphone with mute button and LED indicator, remote & external logic	10.00	\$417.72	\$4,177.20
ULXD4Q=-H50	Shure	Quad Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardwa	1.00	\$4,326.09	\$4,326.09
ULXD4D=-H50	Shure	Dual Digital Wireless Receiver with internal power supply, 1/2 Wave Antenna and Rack Mounting Hardwa	1.00	\$2,163.04	\$2,163.04
ULXD8=-H50	Shure	Wireless gooseneck microphone base for ULXD and QLXD. Includes AA Alkaline Batteries	4.00	\$369.57	\$1,478.28
ULXD1=-H50	Shure	Digital Wireless Bodypack Transmitter with Miniature 4-Pin Connector	2.00	\$380.43	\$760.86
SBC850-US	Shure	8-Bay Networked Docking Station for BN & GN	1.00	\$760.87	\$760.87
SB900A	Shure	Shure Lithium-Ion Rechargeable Battery	12.00	\$81.52	\$978.24
UA864US	Shure	Wall-Mounted Wideband Antenna	2.00	\$325.00	\$650.00
UA8100	Shure	100' UHF Remote Antenna Extension Cable, BNC-BNC, RG213/U Type	2.00	\$184.78	\$369.56
TesiraCONNECT TC-5D	Biamp Systems	5-port expansion device with AVB to Dante Bridging	1.00	\$869.57	\$869.57
TesiraFORTE DAN CI	Biamp Systems	Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 ch	1.00	\$2,118.48	\$2,118.48
TesiraFORTE DAN VT	Biamp Systems	Fixed I/O DSP with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, 32 x 32 ch	1.00	\$2,281.52	\$2,281.52
Tesira EX-UBT	Biamp Systems	PoE AVB/USB expander with Bluetooth wireless technology	1.00	\$380.43	\$380.43
V11H940120	Epson	3 LCD 7000 WUXGA Projectors Black	1.00	\$5,691.30	\$5,691.30
HD-TX-101-C-E	Crestron	DM Lite Transmitter for HDMI Signal Extension over CATx Cable	4.00	\$179.35	\$717.40
HD-TXC-101-C-E	Crestron	DM Lite Transmitter for HDMI, IR, and RS-232 Signal Extension over CATx Cable	2.00	\$217.39	\$434.78
HD-RX-101-C-E	Crestron	DM Lite ? HDMI over CATx Receiver, Surface Mount	4.00	\$179.35	\$717.40
HD-RXC-101-C-E	Crestron	DM Lite ? HDMI over CATx Receiver w/IR & RS-232, Surface Mount	2.00	\$217.39	\$434.78
HD-MD8X4-4KZ-E	Crestron	8x4 4K60 4:4:4 HDR AV Switcher	1.00	\$2,717.39	\$2,717.39
HD-SCALER-HD-E	Crestron	High-Definition Video Scaler, HDMI In, HDMI Out	2.00	\$271.74	\$543.48
32090MAGEWELL	Magewell	USB Capture HDMI 4K Plus Device	1.00	\$498.91	\$498.91
PD-DC-300-12-24V	Middle Atlantic	DC PWR DIST300W 12V 24V	1.00	\$420.65	\$420.65
CP4N	Crestron	4-Series Control System	1.00	\$1,521.74	\$1,521.74
CEN-IO-RY-104	Crestron	Wired Ethernet Module with 4 Relay Ports	1.00	\$201.09	\$201.09



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TSW-770-W-S	Crestron	7 in. Wall Mount Touch Screen, White Smooth	1.00	\$978.26	\$978.26
TS-770-B-S	Crestron	7 in. Tabletop Touch Screen, Black Smooth	1.00	\$1,086.96	\$1,086.96
AMS-1208P	Luxul	AV SERIES 12-Pt/8 PoE+ GbE Mngd Switch	1.00	\$300.21	\$300.21
MISC-EXPENSE		Necessary Material, Cabling, Fastening Hwd Etc.	1.00	\$1,272.73	\$1,272.73
INSTALLATION - I		Docs for approval, install, PM, test, training			\$7,900.00
PROGRAM		Programming Services by Intelligent AV			\$4,900.00
WARRANTY		First 12 month on-site warranty per the bid specifications - Included	1.00	\$0.00	\$0.00

BASE BID SUBTOTAL:

\$51,651.22

OPTIONS

BUDGET		Option for TEL Systems to provide all of the programming, dev., testing, Deduct from base bid.	1.00	(\$1,100.00)	(\$1,100.00)
Warranty-Support - 3 Tel Systems		Warranty/Support Extension from 1-year to 2-year on-site	1.00	\$2,500.00	\$2,500.00
Warranty-Support - 3 Tel Systems		Warranty/Support Extension from 2-year to 3-year on-site	1.00	\$2,750.00	\$2,750.00

OPTIONS SUBTOTAL:

\$4,150.00

TOTAL PURCHASED EQUIPMENT

\$55,801.22

SUBTOTAL:	\$55,801.22
TAX:	\$0.00
TOTAL:	\$55,801.22

IF YOU WISH TO ACCEPT THIS PROPOSAL AND RELATED STATEMENT OF WORK, PLEASE SIGN AND RETURN

BUYER: _____
(Print Name)

BUYER
SIGNATURE: _____

DATE: _____



QUOTATION: 10798
Thainer Electronic Laboratories, Inc.
d/b/a TEL Systems
7235 Jackson Rd.
Ann Arbor MI 48103
734-761-4506

General Terms and Conditions

These Terms & Conditions are by and between Thainer Electronic Laboratories, Inc. d/b/a TEL Systems, Inc. and the undersigned Customer (the "Customer")

1. **PRICING** All prices good up to 60 days after quote date, and all sales are considered final.

2. **INSTALLATION:** Customer hereby grants to TEL Systems the right to install the equipment, and represents and warrants that all necessary governmental and third-party approvals for installation have been obtained. Delays in installation caused by public agencies, manufacturers, suppliers, acts of God, strikes or other union bargaining, and all acts not directly attributable to TEL Systems shall not in any way affect the obligations of Customer. TEL Systems shall not be responsible for damages for any such delay.

3. **TAXES, FEES, AND PERMITS:** Customer agrees to pay TEL Systems all State and Local taxes, excises, permits, and fees if required. All dollars in this agreement are pretax unless otherwise stipulated.

4. **PAYMENT:** Payment accepted in the form of cash, cleared business or personal check or other pre-approved electronic payment options. Financing options are available and must be agreed upon before sale.

5. **SHIPPING:** All shipments of Equipment are FOB TEL Systems' distribution facilities, unless otherwise noted in quotation.

6. **RESPONSIBILITY:** Please reference the proposal number on purchase orders or correspondence. Until balance is paid, Customer agrees to take proper care of the Equipment on premises and to be responsible for its damage or loss by fire, theft, casualty or any other cause whatsoever, and will not permit or suffer same to be removed from the place of its location at address of Customer, without written consent of TEL Systems or assigns.

7. **GENERAL:** This Agreement constitutes the sole and entire understanding between the parties with respect to the subject matter hereof and supersedes all prior conversations, agreements, representations and promises, whether verbal or written. No modification of this Agreement shall be valid unless made in writing and properly signed by each party.

8. **INFRASTRUCTURE:** In the event that TEL Systems is installing equipment or systems that require connectivity to the Customer network including, but not limited to, VOIP / SIP / POTs connectivity, Internet Access, Wireless Network Access, firewall traversal, port forwarding, and/or RF COAX, TEL Systems may advise Customer as to the network requirements. Any responsibility for infrastructure on the part of TEL Systems stops at the installed equipment's network jack or wireless connection; and configuration of the network settings on the device sold. TEL Systems is not responsible for updating network settings in the event the Customer's network changes. If the Customer's network is not "Plug and Play" then any custom network settings must be supplied by the Customer to TEL Systems before the completion of installation.

9. **INSTALLATION AND SITE PREPARATION:** Installation (field assembly, interconnection, equipment calibration and checkout) is to be performed by the TEL Systems' trained technical employees. There may be times that TEL Systems will find it necessary to employ sub-contractors to assist in or carry out, in whole or in part, the installation. TEL Systems shall coordinate and cooperate with other trades to facilitate satisfactory work progress. If the TEL Systems work in progress is impeded by other trades and/or contractors (excluding TEL System's own subcontractors) or by scheduling delays due to the Customer, time delays in the final installation as well as additional charges including labor, travel and reasonable expenses may result.

The Customer shall be responsible for preparing, at its own expense, the installation site in accordance with the TEL Systems' instructions, including the requirements specified in the quotation. TEL Systems shall not be responsible for any high voltage electrical work, conduits, raceways, cable trays, ceiling modifications, structural modifications, or mechanical systems modifications. Unless otherwise specified, Customer shall provide TEL Systems with source code (uncompiled) including GUI touch panel files for any non-TEL Systems programmed remote control systems required to be modified under the terms of this agreement. All building renovations, structural, aesthetic, trim, finish work or otherwise are not included in TEL Systems' pricing.

Installation price reflects work performed during normal business hours only, unless specified in writing.

The Customer shall provide TEL Systems with reasonable access to the installation site before delivery, for purposes of determining site readiness for installation, and shall designate an individual on Customer's staff to serve as a contact person for all site preparation and installation issues. The installation will be scheduled through this single point of contact. If the Customer needs to move the pre-scheduled installation date 10 business days or closer before the pre-scheduled install date, additional fees may incur.

Customer shall provide TEL Systems with access to the installation site to prepare for installation. The Customer shall indemnify the TEL Systems against any loss, damage or claim arising out of the condition of the storage and installation premises. Customer shall obtain at its expense and keep effective all permissions, licenses, and permits whenever required for the installation and/or use of the Equipment and the premises where the Equipment shall be situated.



QUOTATION: 10798
Thalner Electronic Laboratories, Inc.
d/b/a TEL Systems
7235 Jackson Rd.
Ann Arbor MI 48103
734-761-4506

10. **LIMITATIONS OF WARRANTY-- PRODUCTS OF OTHERS:** This proposal will include a limited one-year, on-site parts and labor warranty against defective workmanship on the installation and on the products included in the system. The system warranty is initiated at the time of substantial system completion. Please see the TEL Systems Warranty/Implementation Agreement for more details and clarifications.

Unless otherwise specified, no warranty is provided for "consumables" including batteries, lamps, glassware and evacuated devices. TEL Systems' obligation with respect to any material or part identified in the quotation, literature, or specifications furnished to the Customer as manufactured or supplied by others, shall be to pass on to the Customer the applicable manufacturer's warranties, if any. TEL Systems makes no implied or assumed claims regarding performance, capabilities or interface capability of the equipment listed unless otherwise noted.

11. **CHOICE OF LAW AND SEVERABILITY:** This agreement shall be interpreted in accordance with and governed in all respects by the law of the State of Michigan. Should any provision of this agreement be found invalid or unenforceable by a court of law, it shall not affect the validity of any other provision contained herein.

12. **RESTOCKING FEES:** Equipment returns must be authorized in writing by TEL Systems and may incur a re-stocking fee plus total freight.

13. **CHANGE ORDERS:** Any changes made to the design of the system or the contractual agreements in implementation or functionality may result in a price change and will require a "Change Order" form signed by an authorized decision maker for the Customer.

14. **CONFIDENTIALITY:** This Entire Document and all information enclosed including drawings, specifications and designs is the property of TEL Systems. Proprietary information provided to Customer (or agents) is for the sole purpose of demonstrating TEL Systems' capabilities and shall be held in confidence. These Materials may not be copied, distributed or disclosed in any way without the sole written permission of an authorized representative of TEL Systems.

Technology System Warranty – One Year

Service Description

The TEL Systems Service Department has successfully serviced and maintained audio and video technology systems since the company was founded in 1965. The Service Department is fully staffed by factory-trained and certified technicians who work in our Service Center and are also on-call in the field servicing and maintaining installed systems.

TEL Advantage

The goal is simple: To offer the highest quality extended warranty, and back every agreement with world-class customer service. TEL Systems is committed to providing prompt, courteous and responsible service. Our Service Coordinator will oversee the implementation of your Warranty Contract and any additional repair and or maintenance agreements purchased. The TEL Systems Service Department is organized to assist with emergency response, user-assistance calls and warranty repairs.

Workmanship Integration Warranty Details and Terms

TEL Systems will warrant your audio-visual system against defects in materials and workmanship, including any required parts and labor, during the one-year warranty period from the date of substantial completion at no additional cost. Our Service Department is available 8:00 AM – 4:30 PM Monday through Friday. Additional years of warranty support can be purchased. Ask your Account Manager for details and pricing for extended warranties and maintenance contracts.

The terms of the TEL Systems Warranty are as follows:

All systems and components will be guaranteed free of defects in materials and workmanship for a period of one (1) year from the date of acceptance and shall be repaired or replaced at no cost to the Owner. The date of acceptance shall be defined as the date the Certificate of Substantial Completion is signed by the Owner. The system covered under this warranty is the system detailed in the final *As-Built* prints. No product(s) or cabling is covered which is not detailed in those prints, unless agreed upon in writing by the customer and TEL Systems.

If the equipment manufacturer provides a warranty greater than one (1) year, the extended equipment warranty will be extended to the Owner, however a manufacturer's warranty generally does not cover the expense of removing, shipping or re-installing serviced equipment. TEL will cover these expenses associated only with new equipment during the one-year workmanship integration warranty period. Warranty service provided

by the manufacturer for parts and labor is typically performed at the manufacturer's facility.

- Any defective equipment discovered during any service call will be repaired or replaced and reported under the terms of the warranty. TEL cannot be liable for equipment damaged by improper use, negligence, or accidental acts of nature, such as flooding, fire, lightning, tornado, earthquake, unstable atmospheric conditions, power surges, outages, or similar disturbances. Moving or tampering with wiring or connective hardware associated with the power supply, network connectivity, control, or equipment rack arrangement will also not be a covered item. Additionally, this warranty does not cover consumable items such as batteries, lamps etc.; these are normal use items which are to be replaced by the customer as needed.
- Modifications made to hardware, software or system cabling from the original state (at the time of delivery) are prohibited during warranty period unless those modifications are performed by an authorized TEL Systems Service Technician, or permission from an authorized TEL representative is granted in writing.
- TEL Systems will make every attempt to repair or replace defective equipment promptly but can only guarantee this pending component availability from the manufacturer. If a manufacturer does not have the component or equipment available to perform the repair in the specified time, TEL Systems will make every reasonable effort to implement a suitable "work around" to restore system functionality.
- Equipment malfunction is defined as any malfunction that occurs during normal operation, as determined by TEL Systems
- Warranty and service issues will be resolved and corrected within a reasonable period, so as not to unreasonably affect the Owner's use of the system.

As noted above TEL Systems will provide the material and labor during this one-year period. TEL Systems will also cover the labor and material needed to service any of the installed systems' equipment or functionality for a period of one year, from the date of completion, making good, to the satisfaction of Owner, any portion or portions of the work that prove to be defective.

Response Plan.

When calling in for service you are put in touch with our Service Coordinator, in order to determine the level of response required.

- The Service Coordinator interviews the caller and may determine the problem may be corrected over the phone by following a few simple steps thus correcting the problem quickly and avoiding the need for an on-site visit.

- More often the Coordinator will interview the caller and determine an on-site visit is required and schedules the site visit at a mutually agreed upon time.
- The Repair Technician may also interview the customer, investigate the problem and proceed with a course of action.

If an emergency response is required, it can be provided.

The equipment in question may be able to be repaired on-site, brought back to the TEL Systems Service Center for further diagnosis or returned to the vendor for factory service.

If the equipment is removed, TEL Systems will re-install the equipment on the return visit.

The Service Coordinator remains as the point of contact for all inquiries in order to expedite any required follow-up procedures.

For the period shown below, equipment sold by TEL Systems is warranted to be free of operational defects. Under this warranty, parts and labor necessary to repair equipment malfunctions shall be provided at no cost.

Warranty Period is: _____ (months/years)

Warranty is Valid From: To: _____

Your Job # _____

If you should experience any problems, please contact:

TEL Systems
Service Department (800) 686-7235 or (734)761-4506 service@thalner.com

Service Coordinator
734-761-4506 ext 560
service@thalner.com

Warranty

Terms and Conditions/Implementation Contract

PROGRAM OVERVIEW:

TEL Systems will warrant the system against defective workmanship from the *installation* (i.e. bad cable connection, improperly fastened hardware, etc.) for a period of one year from the date of *installation completion*.

TEL Systems (at their option) will repair or replace *equipment* found defective within the system for a period of one year from the date of *installation completion*.

EXCLUSIONS:

Note that the system covered under this warranty is that system which is detailed in the final *As Built* prints specified below. No product(s) or cabling is covered which is not detailed in those prints, unless agreed upon in writing by the customer and TEL Systems.

Modifications made to hardware, software, or system cabling, from its original state (at the time of delivery) are prohibited unless those modifications are performed by an authorized TEL Service Technician, or permission from an authorized TEL Service Technician is granted in writing.

Unless stipulated under *Special Conditions*, loaner equipment is not provided through this contract.

Problems resulting from misuse, user error, or incorrect atmospheric conditions and/or force majeure are not covered. Equipment or systems damaged by voltage spikes, lightning strikes, brownouts, inclement weather, are not covered.

Parts that are replaced through normal wear and tear are *not* covered under this agreement (batteries, filters, projector lamps, etc.). In addition, the items that may be listed under *Special Conditions* are excluded from this agreement.

TEL Systems makes no claims concerning turn-around time of repairs and service calls. No financial, or other accommodations are made by TEL for delays in customer schedules due to equipment or systems repair turn-around.

INITIALIZATION:

This warranty/support agreement begins on the date of *installation completion*. Installation completion may comprise a functioning part of the system, or the entire system. The scope of this completed portion of the system is described under the *Special Conditions* portion of this contract.

The system completion date is determined by TEL Systems, and acknowledged by the customer in writing by signing this contract and initiating the warranty. If the customer contends that the system (or portion in question) is not complete at the time of system completion, then a list of outstanding issues is created by the customer, or TEL Systems, and the issues are addressed.

If the customer fails to sign the System Completion acknowledgement form after the issues are addressed, then the system warranty is initiated at the time of initial invoicing for any unit in question.

WARRANTY AUTHORIZATION CODE:

A warranty authorization number (project number) is assigned at the initiation of the warranty/support program. This customer representative has the authority to initiate billable service calls. By providing the WAC or Project Number over the phone when a service call is desired, the customer authorizes the following:

1. Authorizes the TEL Systems Service Department to begin the work.
2. Authorizes the TEL Systems Service Department to invoice the customer for work not covered under the warranty.

WARRANTY/SUPPORT CLAIM PROCEDURE:

To initiate a claim, the customer will call the TEL Systems Service Department, and simply state their Warranty Authorization Code (WAC) or Project number to the service representative. Upon verification of the, the TEL Systems Service Coordinator will identify the system, the specific warranty and support package assigned to the customer, and initiate a trouble ticket for future tracking. The TEL Systems Service Coordinator determines a course of action once the complaint is understood.

The Service Representative may attempt to troubleshoot the problem on the phone, or escalate the trouble ticket to the Service Supervisor, Systems Designer, Engineering Manager, Technician, or Installation Manager for telephone diagnostics and troubleshooting. This may require a return phone call to the customer.

Upon troubleshooting on the phone, it may be determined that a Technician be dispatched to the site. This is done at a mutually agreed upon time between the customer and the TEL Systems Service Center.

The equipment in question may need to be removed from the system by a TEL Systems Technician and brought back to the TEL Systems Service Center, or returned to the vendor for factory service, or the equipment or system may be repaired on site. If the equipment is removed, TEL Systems will re-install the equipment on the return visit.

Company Name:

Original Installation Project #:

Project Name:

As Detailed in *As-Built* prints dated:

Customer Representative:

Warranty Authorization Code # :

Special Conditions:

We agree to the Terms and Conditions listed above, and TeL Systems has fulfilled installation completion for the system itemized. The date signed here is the Warranty Support Initiation date.

Signed TEL Systems

Date

Signed

Date