Monroe Council Agenda
Regular Meeting of Council
August 13, 2019 – 6:30 p.m.
233 South Main Street, Monroe, Ohio

Pledge of Allegiance

Roll Call

Approval of the Minutes – Council Minutes of July 20 and July 23, 2019; and Public Safety Committee Minutes of July 23, 2019.

Visitors

- Brandstetter Carroll Inc. – Presentation of Design for Phase One of Monroe Bicentennial Commons

Committee Reports

Public Works Committee
Finance Committee
Administrative Liaison Committee
Technology Committee
Public Involvement Committee
Public Safety Committee

Old Business

Resolution No. 37-2019. A Resolution authorizing the City Manager to enter into an agreement by and between the City of Monroe and Clemans Nelson & Associates, Inc. for professional services to complete a compensation study. (Second Reading)

New Business

Resolution No. 38-2019. A Resolution authorizing the City Manager to enter into a Memorandum of Understanding with multiple Butler County jurisdictions to apply for an Assistance to Firefighters Grant Program for a multi-agency radio grant.

Resolution No. 39-2019. A Resolution authorizing the City Manager to enter into an Automatic Mutual Aid Agreement by and between the City of Monroe and Liberty Township.

Resolution No. 40-2019. A Resolution authorizing the City Manager to enter into a contract by and between the City of Monroe and KZF Architects for professional design services for fixtures, furnishings, and equipment design and support services at 601 South Main Street.

Resolution No. 41-2019. A Resolution granting consent to the Ohio Department of Transportation for bridge inspection program services.

Ordinance No. 2019-18. An Ordinance levying assessments for sidewalks, curbs, gutters, and drive aprons.

Ordinance No. 2019-19. An Ordinance authorizing the trade in of a 2010 International 4300 no longer needed for municipal purposes.

Consideration of Motion authorizing the expenditure of $162,509 for the purchase of a Western Star 4700SF dump truck, including a snow removal package, for the Department of Public Works.

Administrative Reports

Executive Session

> To review negotiations with public employees concerning their compensation or other terms and conditions of their employment.

Adjournment

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Approval of the Minutes – Council Minutes of July 20 and July 23, 2019; and Public Safety Committee Minutes of July 23, 2019.

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Old Business

Resolution No. 37-2019. A Resolution authorizing the City Manager to enter into an agreement by and between the City of Monroe and Clemans Nelson & Associates, Inc. for professional services to complete a compensation study. (Second Reading)

Background. Staff is recommending that Resolution No. 37-2019 be adopted as an emergency on the second reading so the study can be completed this year and prior to the adoption of the appropriations for 2020.

New Business

Resolution No. 38-2019. A Resolution authorizing the City Manager to enter into a Memorandum of Understanding with multiple Butler County jurisdictions to apply for an Assistance to Firefighters Grant Program for a multi-agency radio grant.

Background. The Fire Department is requesting that the City enter into an agreement for a multi-agency radio grant. 14 Butler County Fire Departments are entering an agreement for an Assistance to Firefighters Grant similar to the one Monroe received for cardiac monitors, SCBA's, and additional personnel. The grant will be administered by Liberty Township Fire Department acting

as the hosting agency. The total funding requested for Monroe's portion is approximately $230,000.00 with a match of approximately $23,000.00. The grant funding, if awarded, will be available during 2020 and we will budget accordingly.

Our current radios were purchased through Butler County following a radio tax in approximately 2009. Our current cache of radios are at 10 years old. While the radios have been very reliable, they are rapidly approaching their useful life. We are seeing an elevated number of radios beginning to show wear and tear, having screen failures, and needing technical work to continue use. This grant could save the City approximately $207,000.00 if successfully submitted. In an effort to submit an extremely competitive grant packet, the group is hiring a professional grant writer for this submission. Each entity is responsible for a portion of this fee, being $375.00. The new radios have been engineered with a more ergonomic design, GPS tracking, and blue tooth capabilities.

Chief Centers has reviewed the grant with the Safety Committee and is recommending moving forward with having the City Manager sign the agreement, committing the City to the expenditure if the grant is awarded.

Resolution No. 39-2019. A Resolution authorizing the City Manager to enter into an Automatic Mutual Aid Agreement by and between the City of Monroe and Liberty Township.

Background. Several months ago Chief Centers presented an automatic Mutual-Aid Agreement to the Safety Committee that Liberty Township developed for use with their neighboring fire departments. It was stated that we would like to see how the system functioned with Liberty & West Chester before committing to the agreement. Chief Centers recently had a meeting with Chief Klussman from Liberty to discuss the current data on this new agreement. Chief Klussman advised that the agreement has trimmed off approximately 5 minutes of lag time in the arrival of mutual-aid units responding into his jurisdiction. 5 minutes would be termed as "significant" in the EMS & Fire profession. The agreement stipulates a response on confirmed and reported structure fires only. There is a termination clause in the agreement which protects the City should we no longer have the ability to provide services of this type. The anticipated number of calls between Monroe & Liberty would be relatively even at 10-15 per department per year.

Chief has reviewed the agreement and the results with the Safety Committee and is recommending that we enter the Automatic Mutual-Aid agreement.

Resolution No. 40-2019. A Resolution authorizing the City Manager to enter into a contract by and between the City of Monroe and KZF Architects for professional design services for fixtures, furnishings, and equipment design and support services at 601 South Main Street.

As one of the final steps to complete the design and bidding process for the new Police Facility, we are recommending the amendment of the agreement with KZF to identify and coordinate the fixtures, furnishings and equipment needed in the facility. While there is some equipment we will be moving to the facility, much of the space requires new fixtures and furnishing. KZF will identify those items that meeting the characteristics needed for the facility from the state bid list where available, else they will identify items that will need to be purchased from other sources for

installation by the eventual contractor on the rehab of the facility. The cost of the service will add $35,000 to the agreement and remain within estimations of costs associated with the design needs of the facility.

Resolution No. 41-2019. A Resolution granting consent to the Ohio Department of Transportation for bridge inspection program services.

Background. The current municipal bridge inspection program through the Ohio Department of Transportation (ODOT) is ending on December 31, 2019. ODOT is in the process of renewing this program for three more years through 2022. The program is for any municipality in Ohio with bridge inspection responsibilities and has population less than 50,000. The City has participated in the program for the last 3 years.

Ordinance No. 2019-18. An Ordinance levying assessments for sidewalks, curbs, gutters, and drive aprons.

The ordinance covers those costs not paid for directly by the property owners from the 2018 concrete repair program.

Ordinance No. 2019-19. An Ordinance authorizing the trade in of a 2010 International 4300 no longer needed for municipal purposes.

Background. The Public Works Department is requesting to purchase a new Western Star 4700SF dump truck from Stoops Western Star of Ohio. The truck will be equipped with a snow removal package to match existing trucks from Henderson Products of Ohio. To offset costs of the new dump truck, the Public Works Department is trading in a 2010 International 4300. Stoops Western Star has agreed to value the trade-in at $15,000. The new dump truck is priced at $89,549. The snow removal package from Henderson is priced at $88,183. The total package price, including trade-in, is $162,509.

The Purchase is part of a multi year plan to replace several large vehicles. The purchase was Funded in the 2019 Budget.

Consideration of Motion authorizing the expenditure of $162,509 for the purchase of a Western Star 4700SF dump truck, including a snow removal package, for the Department of Public Works.

Administrative Reports

Executive Session

> To review negotiations with public employees concerning their compensation or other terms and conditions of their employment.

Adjournment

City of Monroe
Special Meeting of Council
July 20, 2019

The Council of the City of Monroe met in special session at 8:50 a.m. on July 20, 2019, in the Council Chambers located at 233 South Main Street, Monroe, Ohio.

The purpose of the meeting was to review the process of a disaster.

Present were: Robert Routson, Mayor; Dan Clark, Vice Mayor; Jason Frentzel, Council Member; Keith Funk, Council Member; Todd Hickman, Council Member; Christina McElfresh, Council Member; William J. Brock, City Manager; Angela S. Wasson, Assistant to the City Manager/Clerk of Council; John P. Centers, Fire Chief; David Leverage, Assistant Fire Chief; David Chasteen, Police Captain; Kevin Chesar, Director of Development; Karen Ervin, Director of Finance; Jordan Parker, Assistant Director of Public Works; and Kacey L. Waggaman, Assistant Manager.

Chief Centers presented the necessary steps that are needed in the event of a disaster.

The typical groups that would be filled locally in the event of a disaster are command, operations, planning, logistics, and finance. We would set these up within our own EOC. This needs to be in place so when the Federal Emergency Management Agency (FEMA) comes in they can see exactly what has been done for the reimbursement of our expenses.

Command will have police and fire in the field and managing things real time such as evaluations, rescues, road closures, and all the other things that go along with those items.

Operations is responsible for all the planning stuff to get what they need out in the field.

Planning will look at what we need to do long term and create the incident action plan.

Logistics are the people that facilitate getting the things in that we need. Whether that is more police, fire, National Guard, lighting, IMAT teams, bathrooms, food, etc. The Operations may say we need 10 more fire trucks, 20 more ambulances and 8 command staff. That is on a form in triplicate and it goes through all of the sections for approval, which is ultimately approved by the command post.

Finance must keep an ongoing list. If you do not have proper documentation or the cost we will not get reimbursed for it. There may be a point where a state or federal official that comes in and asks how much the City has vested in this so far.

Once we determine that we have a serious event and we need to bring in outside resources we need to do two things. Legislatively, we need to allow outside agencies to come in and assist. The legislative pieces need to be accomplished relatively quick. We would need a disaster declaration that needs to go through the county first and then to the state. We need to have detailed information such as, no electric, amount of City affected, and traffic plan for some of the businesses that may not be affected and still have electric.

There are a lot of questions that need to be answered quickly. Do we need to shut down the City, incident brief early in the event, and planning the meetings throughout the day. Everyone will discuss what we know at that particular moment. Communications is very important.

The incident action plan is important because you cannot use the same people 24 hours a day. There are other jurisdictions that may need to come in and assistant and they need to know what the situation is.

With social media, perception is reality. If a tornado goes through and people will say it was 20 minutes ago and we still do not have fire trucks in front of our house. That may be the case because we just do not have the equipment that can get in there that quickly. Police and fire early on are going to bring in all of the troops and they will try to spread things out. It is rescue and recovery mode that is going to be active for multiple hours.

We can look at social media and start to see the pictures starting to come in. We want to establish how we want to handle the information that is going out early on. We do not know how long this will go on and we need to have a phone line that residents can call with questions or concerns throughout the entire process. We would get the number and information out through a central location that people can go to as they may not have access to computers or phones. We could use digital sign boards as they do not require electricity to run.

Captain Chasteen indicated that the communications center can get up pretty quick to handle an emergency telephone line and other agencies can pick up our 9-1-1 calls to assist.

We can still do our social media and a subcategory on our website with information. The information will be updated regularly. Speaking for the City we want to make sure everything is approved so we have the message that we want to go out and we want to be consistent. What we know and what we anticipate.

It is important that we take notes on everything. The time they called, who called, and what we told them they need to do and it gets to the right resources.

We need to establish what the work periods are going to be. Operationally, we may say 12 hours we need everyone. We need to let people rest.

From the Public Works side we need to deal with right away is trees and access and a debris plan. We need to make sure the debris isn't contaminated. We need to determine how much equipment we have to go out and get the debris. We may need to utilize the mutual aid agreement with Public Works.

Temporary housing may rise dramatically over the next several hours. There are two places we know we can use as temporary housing and that is the school and Solid Rock Church. We need to define early on that we need to have representation at these places. Red Cross will manage our evacuation center, but it takes time for them to get everything together. We need to know where everyone is and their status because we are going to get phone calls from family members. We might be able to set up a site where people can post or we can post that will say they are okay. We

need to also log in who we talked to at these locations and what time. It documents we did what we should have done.

If we are going to shut everything down we need to get that information out quickly and let people know they cannot get in. It is difficult to determine the residents, family members, or just outsiders wanting to come in. The police are very good with that and the message of zero tolerance for looting needs to get out early as we will prosecute to the full extent of the law. The incident action plan may change as there may be people that are permitted in certain areas of the City. There also may need to have a second staging area for outside agencies or the National Guard. If you don't feed the media they will find the worse possible person to interview.

When we have volunteers come in we need a safety plan and waivers that they would need to sign. We would have a volunteer coordinator set up and in the plan it shows Deana England the Executive Assistant as the volunteer coordinator.

Mr. Hickman asked if the nursing homes have busses set up in the event that they need to be removed. Chief Centers advised that if they do not already have a plan in place for bulk transport they would call and say that they need busses for transporting.

If the Governor's office is on the phone and wants to know what is going on, typically you have the Manager communicate this information. We need to have pretty firm information and if you do not have it or you are not in a position to talk to the Governor at that time it is best to let them know we cannot talk to them right now.

What we know over the course of time we are going to have people show up with clothing, water, and food. We will need an area where we can stage all of our supplies. It needs to be a place inside and catalogue everything that is coming in. It has to be secure as well.

Another situation that may need to be controlled is the air space. We do not want all of the helicopters and drones flying all over.

Finance needs to keep a running tally of all of the expenses. All of the approvals for additional personnel, equipment, food, etc. must be properly documented and readily available. Mrs. Ervin's biggest concern is the paper flow and who does what, when, and where. Chief Centers indicated that there are forms for all of the necessary approvals.

We will get to a point where we are out of rescue mode and in recovery mode. As we phase things down we have a meeting to discuss where we are. We may not need to have as frequent of meetings as we did initially.

The Special meeting of Council adjourned at 11:38 a.m.

Respectfully submitted,

Angela S. Wasson, MMC
Clerk of Council

Monroe Council Minutes
Regular Meeting of Council
July 23, 2019 – 6:30 p.m.
233 South Main Street, Monroe, Ohio

Pledge of Allegiance

Mayor Routson opened the regular meeting of Council at 6:30 p.m. with the Pledge of Allegiance.

Roll Call

Council members present: Dan Clark, Jason Frentzel, Keith Funk, Anna Hale, Todd Hickman, Christina McElfresh, and Robert Routson.

Staff members present: City Manager William J. Brock
Law Director K. Philip Callahan
Chief of Police Robert Buchanan
Fire Chief John P. Centers
Director of Finance Karen Ervin
Assistant to the City Manager/Clerk of Council Angela S. Wasson

Approval of the Minutes

Mr. Funk moved to approve the Finance Committee and Council minutes of July 9, 2019; seconded by Mrs. Hale. Voice vote. Motion carried.

Visitors

None.

Committee Reports

None.

Old Business

Ordinance No. 2019-17. An Ordinance supplementing Chapter 204 of the Codified Ordinances of the City of Monroe to prohibit certain activities in the portion of a City-owned retention pond located at 601 South Main Street, Monroe, Ohio. (Second Reading)

Mr. Clark moved to consider this the second reading of Ordinance No. 2019-17 and have it read by title only; seconded by Mr. Funk. Voice vote. Motion carried.

The Clerk of Council read Ordinance No. 2019-17 by title only.

Mr. Clark moved to adopt Ordinance No. 2019-17; seconded by Mr. Hickman. Roll call vote: seven ayes. Motion carried.

New Business

Emergency Resolution No. 34-2019 A Resolution approving a Then-and-Now Certificate in the amount of $4,150.00 to Rundell Ernstberger Associates Inc., and declaring an emergency.

Mr. Brock advised that this is for the Comprehensive Plan consultants.

Mr. Clark moved to suspend the rule requiring the reading of Emergency Resolution No. 34-2019 on two separate days, authorize its adoption on the first reading; and have it read by title only; seconded by Mr. Frentzel. Voice vote. Motion carried.

The Clerk of Council read Emergency Resolution No. 34-2019 by title only.

Mr. Clark moved to adopt Emergency Resolution No. 34-2019; seconded by Mrs. Hale. Roll call vote: five ayes. Motion carried.

Emergency Resolution No. 35-2019. A Resolution authorizing the City Manager to enter into an amended agreement by and between the City of Monroe and Upland Software for document management software for Mayor's Court and declaring an emergency.

Mr. Brock explained that this software is for the Mayor's Court. The Clerk of Court has managed to save approximately $35.00 per month with this amendment.

Mr. Clark moved to suspend the rule requiring the reading of Emergency Resolution No. 35-2019 on two separate days, authorize its adoption on the first reading, and have it read by title only; seconded by Mrs. McElfresh. Voice vote. Motion carried.

The Clerk of Council read Emergency Resolution No. 35-2019 by title only.

Mr. Clark moved to adopt Emergency Resolution No. 35-2019; seconded by Mr. Funk. Roll call vote: seven ayes. Motion carried.

Emergency Resolution No. 36-2019. A Resolution authorizing the City Manager to enter into a Cooperation Agreement by and between the City of Monroe and the County of Butler, Ohio for the Community Development Block Grant Program and declaring an emergency.

Mr. Brock stated that HUD is requesting a new agreement. There are no changes in the agreement, but it is a requirement of HUD if we want to participate in CDBG grants.

Mr. Clark moved to suspend the rule requiring the reading of Emergency Resolution No. 36-2019 on two separate days, authorize its adoption on the first reading, and have it read by title only; seconded by Mr. Frentzel. Voice vote. Motion carried.

The Clerk of Council read Emergency Resolution No. 36-2019 by title only.

Resolution No. 37-2019. A Resolution authorizing the City Manager to enter into an agreement by and between the City of Monroe and Clemans Nelson & Associates, Inc. for professional services to complete a compensation study.

Mr. Brock requested Council approve an agreement for the completion of a compensation study. Council determined that the Finance Committee would work with the consultant on the process. Mr. Brock noted that additional cost estimates for a study was provided.

Mr. Clark moved to consider this the first reading of Resolution No. 37-2019 and have it read by title only; seconded by Mr. Funk. Voice vote. Motion carried.

The Clerk of Council read Resolution No. 37-2019 by title only.

Consideration of Motion accepting the March, April, and May Finance Reports

Mr. Clark moved to accept the March, April, and May Finance Reports as submitted; seconded by Mr. Funk. Voice vote. Motion carried.

Administrative Reports

Mr. Brock reported that Mary Swain is requesting RFP's for a title agency and we are reviewing whether or not it would be an appropriate tenant in the City's strip center where the police station will be located. We are not sure if we can submit an RFP due to the short turn around time. Mayor Routson noted that they are looking at a complete build out by the first of the year. Mr. Brock explained that there is a lot that goes in a tenant finish and it hasn't been decided how tenants will be handled in this area. It was the consensus of Council that it would be a good tenant if it can be accomplished.

Executive Session

> To consider confidential information relating to the marketing plans, specific business strategy, or personal financial statements of an applicant for economic development assistance.

Mr. Clark moved to adjourn into executive session to consider confidential information relating to the marketing plans, specific business strategy, or personal financial statements of an applicant for economic development assistance; seconded by Mr. Funk. Roll call vote: seven ayes. Motion carried.

Council adjourned into executive session at 6:49 p.m.

Mr. Clark moved to reconvene into regular session; seconded by Mrs. McElfresh. Voice vote. Motion carried.

Council reconvened into regular session at 7:31 p.m.

Mayor Routson brought up putting a monument reflecting the seal showing the water tower and steeple along with the history of both. Council preferred the round sample with a brass plate. In addition, Council would like to have a bench. Mrs. Wasson will obtain costs for this.

Adjournment

Mr. Clark moved to adjourn the regular meeting of Council; seconded by Mrs. McElfresh. Voice vote. Motion carried.

The regular meeting of Council adjourned at 7:31 p.m.

Respectfully submitted,

Angela S. Wasson, MMC
Clerk of Council

City of Monroe
Public Safety Committee of Council
July 23, 2019

The Public Safety Committee of Council met at 5:45 p.m. on July 23, 2019, in the Council Library located at 233 South Main Street, Monroe, Ohio.

Present were: Dan Clark, Vice Mayor; Keith Funk, Council Member; Todd Hickman, Council Member; William J. Brock, City Manager; John P. Centers, Fire Chief; and Angela S. Wasson, Assistant to the City Manager/Clerk of Council.

Chief Centers explained the process for transporting EMS patients to medical facilities, which is driven by protocol. It is dependent on their medical condition and if they are unstable. Protocol is the closest most appropriate medical facility. That would be the closest that has the appropriate care for that emergency medical condition. For instance, if we had an active MI and they said they wanted to go to Christ Hospital. We know that Christ does not admit and they do not have the equipment to do all of the basic procedures. In that case, we would likely say we had to take you to the closest most appropriate hospital because Christ did not have the ability to admit them and do everything that is medically necessary. If they are adamant and said they will not go to Atrium, we would call our medical control at Atrium and explain what is going on with the patient and advise they adamantly do not want to come to Atrium. Medical control would say if they are conscious and can make decisions for themselves then it is okay. The department must go through the Medical Director or through the medical control to protect us in a liability situation. If we take them to a hospital that is farther and have a bad outcome, they could come back and say what is your transport protocol for critically ill patients and we would have to say the closest most appropriate facility.

Mr. Hickman understood that, but West Chester is the same distance. Chief Centers agreed depending on where you are in the City. He added that they can make calls to the Atrium within a reasonable response time. We can get on the Interstate and make it there in approximately four minutes. We cannot do that with West Chester. We also look at how busy it is and if they have another squad in service. We may need to go to the closest place so we can get one of the squads back in the event they receive another call.

Mr. Hickman wants the people of Monroe to have a choice especially when you have two hospitals sitting on I-75 and we are in the middle of them. He is trying to accomplish that when an EMS transport arrives, and the patient's name is entered, it says what hospital they prefer.

Mr. Clark stated that if the distance is negligible then they should have that choice.

Mr. Hickman stated that there are four facilities, two of which are just emergency facilities. Chief Centers acknowledged there were and noted that Kettering Emergency does not admit and they do not do tertiary care. They do have a small number of patients that they transfer to Atrium if they are really sick and need to get them somewhere quick.

Mr. Hickman felt that most appropriate is either West Chester or Atrium. Chief Centers stated that the miles are roughly the same, but the drive time difference was approximately two or three minutes based on a response time study. There is probably not a huge difference in time, but we still have to meet the full guise of the protocol or the City is liable. Chief Centers advised that at one time West Chester did not admit for psychological. Mr. Hickman advised that would be on the patient if they wanted to go to a specific facility for an evaluation and then be transported to another facility if admittance was necessary.

Mr. Hickman's goal is when EMS comes to a patient and that patient's name is entered there is something in the database that indicates what facility they prefer to be transported to. He added they should not automatically be transported to Atrium all the time. Chief Centers advised that Atrium is considered to be the quickest turn around hospital and we can make it back into the City faster from Atrium than we can from West Chester.

Chief Centers informed the Committee that in 2017, West Chester did not admit for psychological. He confirmed Mr. Hickman's understanding that they could have evaluated and it is not the decision of the paramedics if a patient should be admitted, it is up to the doctor.

Chief Centers advised that the question of taking patients to either hospital would be discussed with legal and the Medical Director. Mr. Hickman noted that the Medical Director is associated with Atrium.

Chief Centers explained the EMS Sign Post program they have there is something on a resident's refrigerator that EMS can scan and it will provide the medical information and hospital preference. Mr. Hickman liked this, but if a patient is laying in their yard or not home that is not something that is accessible to the EMS personnel. Mr. Clark felt it was just a database and asked perhaps people can just contact fire personnel and let them know their preference of facilities.

Chief Centers provided another scenario of a vehicle accident on I-75 and the EMS unit is already facing northbound they could be at Atrium in four minutes or less.

Chief Centers thought that it would be an in-house program and not a protocol change. The protocol is followed by 42 fire departments at a savings of $10,000 to $15,000 per year because of the drug program. This is just a policy change. Chief Centers will meet with the Police Department to see if their CAD system can do this. Fire departments and municipalities cannot get into EPIC and if the patient is not already in the system they would need to be entered. Right now when a name is entered in the Fire Department's system it brings up all of the previous calls that they have made. We need to determine if the system we use now has the ability to enter the hospital preference or if it could be built in the system.

Mr. Clark asked what happens when someone has never called for EMS services. Chief Centers explained that the system is designed specific to contacts. If you put information in the system it is based on a particular call, or a particular time, or a particular date. To have a call in there that had no patient contact he is not sure if the software will permit that. He will look into that.

Chief Centers advised that the EMS Sign Post program is something that you put on the refrigerator and can scan a QR code with a computer or phone and then it automatically brings up the patient's information. You can literally put anything in there. People can request the system and Firefighter Vance will meet with them to gather all of the information and put a sticker on their door or window so you can see it when you go in. You can also open the program and enter their name manually, but you would have to know if they are in the system. Mr. Clark advised that it would take care of some situations, but not all.

Chief Centers brought up the automatic mutual aid agreement (AMARS) that Liberty Township was working with West Chester on. At the time it was first mentioned the Safety Committee felt that it seemed like a good idea, but we should wait and see how it works between those two entities. AMARS is if there was a structure fire they would automatically request mutual aid rather than waiting until they were on the scene and then call. The reduction in turn around time is approximately five plus minutes. There have been no issues and worked out great for them. If Monroe is part of this we would go to a portion of Liberty Township and is only for structure fires. Mr. Clark asked how many additional calls this would be and Chief Centers replied that Liberty typically does not have more than 20 structure fires per year. The Committee is in agreement with moving forward with this.

Chief Centers would like to enter into a radio grant agreement with 10 fire departments in Butler County. Liberty Township would host the grant and this is to replace the radios in our vehicles. In 2020, Motorolla has indicated upgrades will take place and will result in some functionality no longer being available. The radios are 13 years old. There is a match on the grant in the approximate amount of $23, 033.00. If we had to buy new radios it would cost approximately $230,000. The Committee supported moving forward with this.

The Public Safety Committee meeting adjourned at 6:17 p.m.

Respectfully submitted,

Angela S. Wasson, MMC
Clerk of Council

RESOLUTION NO. 38-2019

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A MEMORANDUM OF UNDERSTANDING WITH MULTIPLE BUTLER COUNTY JURISDICTIONS TO APPLY FOR AN ASSISTANCE TO FIREFIGHTERS GRANT PROGRAM FOR A MULTI-AGENCY RADIO GRANT.

WHEREAS, multiple Butler County jurisdictions desire to file a joint grant application for new radios for the departments of fire for said jurisdictions; and

WHEREAS, Liberty Township will be the lead agency on the submission of the joint grant application.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: The City Manager is authorized to enter into a Memorandum of Understanding with multiple Butler County jurisdictions to apply for an Assistance to Firefighters Grant Program for a multi-agency radio grant pursuant to the terms and conditions set forth on Exhibit "A" attached hereto and made a part hereof.

SECTION 2: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED:_____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

Exhibit "A" Res No. 38-2019

Butler County Fire/EMS Agencies

Memorandum of Understanding

Between

Liberty Township Fire Department

And

Hamilton Fire Department
Hanover Township Fire Department
Madison Township Fire Department
Middletown Fire Department
Milford Township Fire Department
Monroe Fire Department
Morgan Township Fire Department
Oxford Fire Department
Reily Township Fire Department
Ross Township Fire Department
St Clair Township Fire Department
Trenton Fire Department
Wayne Township Fire Department

This Memorandum of Understanding ("MOU"), is effective as of **6/18/2019** (the "Effective Date"), by and between the **Hamilton Fire Department, Hanover Township Fire Department, Madison Township Fire Department, Middletown Fire Department, Milford Township Fire Department, Monroe Fire Department, Morgan Township Fire Department, Oxford Fire Department, Reily Township Fire Department,**

Ross Township Fire Department, St Clair Township Fire Department, Trenton Fire Department, and Wayne Township Fire Department (collectively referred to herein as the "Agencies" or the "Parties") and pertains to a joint application which will be submitted by the Liberty Township Fire Department on behalf of the Agencies for a grant from the Assistance to Firefighters Grant Program ("AFG"). The AFG funding will be used to purchase and install mobile radios and portable handheld radios at participating fire stations to ensure the Agencies are compliant with the public safety standards for Land Mobile Radio ("LMR") equipment in accordance with Project 25 (P25). The LMR equipment will be used throughout the regional service area for mission critical voice communications (the "Project"). Each Agency's participation in this Project is contingent on the receipt of a Federal Assistance to Firefighters Grant ("AFG") award.

RECITALS

WHEREAS, each Agency finds that its performance on the Project under this MOU is in its best interest, that entering into this MOU will benefit the public, and that the division of costs associated with the Project is fairly apportioned amongst all Agencies participating in the MOU;

WHEREAS, the Liberty Township Fire Department is responsible for the submission of the AFG joint application and will function as the Fiscal Agent on behalf of all the Agencies identified above;

NOW THEREFORE, the Parties agrees as follows:

Section 1. Project Responsibility

Contingent upon the award of an AFG grant to the Parties, and the Liberty Township Fire Department's receipt of funding, the Liberty Township Fire Department will act as the Fiscal Agent for the Project. In this role, the Liberty Township Fire Department will purchase and distribute the grant-funded assets identified in the attached spreadsheet (Attachment A) in accordance with the AFG conditions. Each Agency is responsible for communicating its change of use or disposal of equipment purchased using Grant Funds to the Fiscal Agent. Each Agency understands that it is solely responsible for ensuring any aforementioned change of use or disposal of equipment is carried out in accordance with all applicable laws and the AFG conditions and guidelines. All Parties to this MOU will comply with the AFG conditions and guidelines, as necessary. The Liberty Township Fire Department will also be responsible for complying with audit requirements associated with the AFG grant for this Project.

Section 2. Matching Funds

In the event the requested AFG funds are awarded for this Project, each Agency will provide a ten percent (10%) match of its portion of the grant award to the Liberty Township Fire Department as follows: **(Example based on radio numbers provided by jurisdiction. Actual match will be determined once the final radio purchase is awarded)**

Hamilton Fire Dept	$ 25,777.50

Hanover Township Fire Dept	$ 21,661.20
Liberty Township Fire Dept	$ 20,978.05
Madison Township Fire Dept	$ 15,081.50
Middletown Fire Dept	$ 34,962.45
Milford Township Fire Dept	$ 17,683.85
Monroe Fire Dept	$ 23,033.30
Morgan Township Fire Dept	$ 9,326.80
Oxford Fire Dept	$ 16,725.70
Reily Township Fire Dept	$ 18,919.90
Ross Township Fire Dept	$ 21,936.20
St Clair Township Fire Dept	$ 12,612.30
Trenton Fire Dept	$ 12,337.30
Wayne Township Fire Dept	$ 11,104.15
Total Match	**$ 262,140.20**

The Parties understand and knowledge that their contribution of matching funds under this MOU will be made from current revenues available to them.

Section 3. Term/Termination

The Term of this MOU commences on the Effective Date and will continue until the time the AFG funding has been received, goods purchased and distributed, and all obligations under this AFG MOU have been met by the Agencies. This MOU will terminate immediately if the Agencies do not receive funding under the AFG grant process. Once funding has been appropriated, all Agencies are committed to compliance with this MOU and the AFG conditions and AFG guidelines, and will become immediately responsible for all duties and obligations assigned to them under this MOU.

Section 4. Miscellaneous Provisions

A. Applicable Law: This MOU is governed by the laws of the State of Ohio. Any action brought based on or related to a dispute arising under this MOU shall be brought in a court of competent jurisdiction in Butler County, Ohio.

B. Cooperation/No Shared Liability: The Agencies agree to cooperate with each other in good

faith at all times during the Term of this MOU in further of the purposes and intent of this MOU. Each Party to this MOU acknowledges and represents that this MOU has been executed by a duly authorized representative of the same. Each Party expressly acknowledges and understands that it is solely responsible for its duties and obligations under this MOU and any actions taken with respect to this MOU. In no event shall any Party be held liable or responsible for the acts of any other Party hereto.

C. Severability: Should any provision in this MOU be found or deemed to be invalid, this MOU will be construed as not containing such provision without affecting the validity of any other provision herein and all other provisions which are otherwise lawful will remain in full force and effect.

D. Public Information Act: The Parties understand that Ohio Public Records law, as it may be amended, will apply to this MOU. This MOU and all written information generated under this MOU may be subject to release under the Act.

E. Binding Effect. This MOU will take effect immediately upon execution by all Parties hereof and will inure to the benefit and be binding upon the representatives, agents, employees, administrators, successors, and assigns of the Parties hereto. No Agency will assign, sublet or transfer any interest in this MOU without the written consent of all other Parties. Each Party shall reserve its constitutional, statutory and common law rights, privileges, immunities and defenses.

F. Entire Agreement/Amendments. This MOU, including appendices and referenced attachments, represents the entire and integrated MOU between the Parties and supersedes all prior proposals, negotiations, representations or agreements either written or oral between the Parties. This MOU may be amended only by a separate written instrument signed by all Parties hereto.

G. Obligations/Rights in Third Parties. By entering into this MOU, the Parties do not intend to create any obligations express or implied other than those set out herein; this MOU does not create any rights in any party who is not a signatory hereto.

H. Notice. Unless otherwise specified, written notice will be deemed to have been duly served if delivered in person or sent by certified mail to the business addresses of each Party listed below.

I. Applicable Law: This MOU is governed by the laws of the State of Ohio. Any action brought based on or related to a dispute arising under this MOU shall be brought in a court of competent jurisdiction in Butler County, Ohio.

J. Cooperation/No Shared Liability: The Agencies agree to cooperate with each other in good faith at all times during the Term of this MOU in further of the purposes and intent of this MOU. Each Party to this MOU acknowledges and represents that this MOU has been executed by a duly authorized representative of the same. Each Party expressly acknowledges and understands that it is solely responsible for its duties and obligations under this MOU and any actions taken with

respect to this MOU. In no event shall any Party be held liable or responsible for the acts of any other Party hereto.

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O. Obligations/Rights in Third Parties. By entering into this MOU, the Parties do not intend to create any obligations express or implied other than those set out herein; this MOU does not create any rights in any party who is not a signatory hereto.

P. Notice. Unless otherwise specified, written notice will be deemed to have been duly served if delivered in person or sent by certified mail to the business addresses of each Party listed below.

Liberty Township Fire Department:

Hamilton Fire Department:
345 High St
Hamilton, Ohio 45011

Hanover Township Fire Department:
1775 Morman Rd
Hamilton, Ohio 45013

Madison Township Fire Department
5610 West Alexandria Rd
Middletown, Ohio 45042

Middletown Fire Department:
2300 Roosevelt Blvd
Middletown, Ohio 45044

Milford Township Fire Department:
P.O Box 68
Collinsville, Ohio 45044

Monroe Fire Department:
P.O. Box 330
Monroe, Ohio 45050

Morgan Township Fire Department:
5654 Cincinnati Brookville Rd
Okeana, Ohio 45053

Oxford Fire Department:
217 South Elm St
Oxford, Ohio,45056

Reily Township Fire Department:
6093 Reily Millville Rd
Reily, Ohio 45056

Ross Township Fire Department:
4055 Hamilton-Cleves Rd
Fairfield, Oio 45014

St. Clair Township Fire Department:
3900 Hamilton-Trenton Rd
Hamilton, Ohio 45011

Trenton Fire Department:
300 North Miami St
Trenton, Ohio 45067

Wayne Township Fire Department:

4575 Oxford Middletown Rd
Trenton, Ohio 45067

[SIGNATURE PAGE]

This Agreement is hereby accepted by the Parties hereto and effective as of the date of the last Party's signature herein.

Liberty Township Fire Department

By:_____

_____
Printed Name and Title

Hamilton Fire Department

By:_____

_____
Printed Name and Title

Hanover Township Fire Department:

By:_____

_____
Printed Name and Title

Madison Township Fire Department

By:_____

_____
Printed Name and Title

Middletown Fire Department:

By: _____

_____
Printed Name and Title

Milford Township Fire Department

By:_____

_____
Printed Name and Title

Monroe Fire Department

By:_____

_____
Printed Name and Title

Morgan Township Fire Department

By:_____

_____
Printed Name and Title

Oxford Fire Department:

By:_____

_____
Printed Name and Title

Reily Township Fire Department

By:_____

_____
Printed Name and Title

Ross Township Fire Department:

By:_____

_____
Printed Name and Title

St Clair Township Fire Department

By: _____

_____
Printed Name and Title

Trenton Fire Department:

By:_____

_____
Printed Name and Title

Wayne Township Fire Department

By:_____

_____
Printed Name and Title

RESOLUTION NO. 39-2019

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER TO AN AUTOMATIC MUTUAL AID AGREEMENT BY AND BETWEEN THE CITY OF MONROE AND LIBERTY TOWNSHIP FOR STRUCTURE FIRES.

WHEREAS, the City of Monroe and Liberty Township both staff 24 hour seven days a week operations for the safety and protection of lives and property within their respective jurisdictions; and

WHEREAS, with an automatic mutual aid agreement for structure fires the response time is greatly reduced.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: The City Manager is hereby authorized to enter into an automatic mutual aid agreement by and between the City of Monroe and Liberty Township for structure fires pursuant to the terms and conditions set forth on Exhibit "A" attached hereto and made a part hereof.

SECTION 2: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED:_____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

Exhibit "A" Res No. 39-2019

AUTOMATIC MUTUAL AID AGREEMENT

This AGREEMENT is made and entered on this _____ of_____ 2019, by and between the City of Monroe and its Fire Department and the Liberty Township Fire Department (each a "Party" and together the "Parties").

WITNESSETH

WHEREAS: This Agreement shall apply to all reported and confirmed structure fires in residential, commercial, recreational and rural properties; and

WHEREAS: The Monroe Fire Department and Liberty Township Fire Department both staff 24 hour seven days a week operations for the safety and protection of lives and property within their respective jurisdictions; and

WHEREAS: The Monroe Fire Department and the Liberty Township Fire Department strive to provide the maximum protection by providing the fastest service response to its residents, desire to enter into an agreement whereby each entity may render automatic mutual aid to each other for structural fire incidents, pursuant to Revised Code Sections 504 and 505.37, et seq.; and

WHEREAS: The Parties agree that automatic aid is reciprocal. While automatic aid does not ensure that a community will receive the exact same amount of assistance as it gives, it does mean that each Party will provide assistance outside its jurisdictional boundaries and that level of service delivered within the automatic aid system will be comparable.

NOW, THEREFORE, each Party hereto agrees as follows:

1. Each Party agrees to furnish such personnel and fire-fighting equipment as needed by the other Party, to the extent such personnel and equipment is available, provided that the responding Party is required to respond with at least one Engine, Quint, Ladder or Tower capable of pumping at least 1,500 GPM and a minimum of three (3) fully equipped firefighters when responding to an incident under this Agreement.

2. When automatic aid is provided pursuant to this Agreement the first arriving unit and/or officer shall take command and develop and initiate an action plan. Command may be transferred upon arrival of an officer from the requesting Party.

3. There shall be no liability, responsibility or cause of action for breach of contract between the Parties if assistance is denied, delayed, inadequate, or subsequently recalled, or if furnished assistance is not needed upon arrival.

4. Each Party shall conduct and participate in a quarterly half day, multiple company drill with automatic aid companies.

5. Each Party has the ability to provide Automatic Mutual Aid when not committed to another emergency.

6. If at any time while this Agreement is in effect, a Party to this Agreement closes a fire station, or reduces the level of fire or Emergency Medical Services provided within its municipal or jurisdictional boundaries, the Party closing said fire station or reducing services will give a minimum of 120 days' notice to the other Party hereto.

7. Each Party shall retain ownership of any apparatus and equipment it brings to an incident and shall retain ultimate control of its employees.

8. No Party to this Agreement shall be required to reimburse any other party for the cost of providing the services set forth in this Agreement. Each Party shall pay its own costs for responding to emergency incidents pursuant to this Agreement.

9. Each responding Party shall assume liability for any damages incurred by its equipment or personnel arising out of its provision of services under this Agreement, including the transportation of equipment and personnel to and from the emergency or for any cause that may arise out of the actions of the responding Party's personnel or equipment while at the scene of the emergency, whether or not such damages occur within the jurisdictional boundaries of the responding Party or outside of them.

10. To ensure safety, the Parties hereto agree to utilize the NIMS Incident Management system to manage incidents. Furthermore, departments shall utilize a trained incident safety officer at incident scenes.

11. This Agreement shall be reviewed by the Parties every 5 years or as otherwise deemed necessary. A Party may terminate and withdraw from this agreement at any time by giving 120 days written notice to the other Party.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CITY OF MONROE:

_____
William Brock, City Manager

_____
John P. Centers, Fire Chief

LIBERTY TOWNSHIP:

_____
Kristen L. Bitonte, Administrator

_____
Ethan Klussman, Fire Chief

Approved as to form:

_____
Phil Callahan, Law Director

RESOLUTION NO. 40-2019

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO A CONTRACT BY AND BETWEEN THE CITY OF MONROE AND KZF ARCHITECTS FOR PROFESSIONAL DESIGN SERVICES FOR FIXTURES, FURNISHINGS, AND EQUIPMENT DESIGN AND SUPPORT SERVICES AT 601 SOUTH MAIN STREET.

WHEREAS, due to the extensive nature of relocating the Department of Police, Council deems it necessary to retain the services of KZF Architects for certain interior design work.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: The City Manager is authorized to enter into a contract by and between the City of Monroe and KZF Architects for professional design services for fixtures, furnishings, and equipment design and support services at 601 South Main Street pursuant to the terms and conditions set forth on Exhibit "A" attached hereto and made a part hereof.

SECTION 2: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED:_____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

Exhibit "A" Res No. 40-2019

KZF DESIGN
Designing Better Futures

August 2, 2019

Bill Brock, City Manager
233 South Main Street
P.O. Box 330
Monroe, OH 45050-0330

Subject: Amendment to Agreement No. 3
Additional Services Request for FF&E Services for Monroe Police station

Bill,

KZF Design is pleased to provide this proposal for additional interior design services for the above-referenced project.

This proposal is based on work to be performed at the request of the City of Monroe, including anticipated time that is outside the original project scope. This includes the following:

Fixtures, Furnishings & Equipment Design and Support Services

1. Develop options / recommendations for Client to identify and select a "Basis of Design" specification for office furniture and equipment, includes (1) review/approval meeting.
2. Develop typical systems furniture program, configurations and equipment layouts.
3. Assess and inventory existing shelving to be relocated to new police station.
4. Prepare bidding specifications / procurement documents for office furniture and equipment to be procured through Ohio State Term Schedules (STS); this excludes providing/reviewing alternates to Basis of Design.
5. Assist in the procurement of furniture package including review of submitted bids, review order list, review shop drawings, and assist with final color / material selections.
6. Perform a final "punch list" site observation visit of the final installed FF&E package at the completion of project construction activities, and issue a report noting any observed deficiencies.

Additional Service Fees

Fixtures, Furnishings & Equipment Design and Support Services:	$35,000.00

Proposed Terms and Conditions: Terms and Conditions shall remain per the Agreement for the project.

KZF DESIGN INC. ▪ 700 Broadway Street ▪ Cincinnati, OH 45202
main 513.621.6211 ▪ *fax* 513.621.6530 ▪ **kzf.com**

Thank you for the opportunity to offer these services. Please acknowledge your authorization of the proposed compensation for these services by signing below and returning one executed copy to our office. Upon execution, this letter shall amend the Agreement for the project dated February 8, 2019.

Sincerely,
KZF Design Inc.

Mark Shoemaker, AIA
Director of Public Facilities

cc: File

APPROVED AND ACCEPTED

This _____ day of _____, 2019

Client

By _____

Title _____

KZF DESIGN INC. ▪ 700 Broadway Street ▪ Cincinnati, OH 45202
main 513.621.6211 ▪ *fax* 513.621.6530 ▪ **kzf.com**

RESOLUTION NO. 41-2019

A RESOLUTION GRANTING CONSENT TO THE OHIO DEPARTMENT OF TRANSPORTATION FOR BRIDGE INSPECTION PROGRAM SERVICES.

WHEREAS, the City of Monroe of Butler and Warren Counties, Ohio, hereinafter referred to as the Local Public Agency (LPA) has determined the need for the within described project.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: Being in the public interest, the LPA gives consent to the Director of Transportation for Bridge Inspection Program Services, including, but not limited to routine inspections, element level inspections, critical-finding reports, fracture critical member inspections, load rating calculations and reports, weight limits posting sign recommendations, scour assessments, scour plan of actions, development of fracture critical plans, and underwater dive inspection reports if needed.

SECTION 2: The LPA shall cooperate with the Director of Transportation in the above described project as follows:

"The State shall assume and bear 100% of all of the cost for Bridge Inspection Program Services requested by the City and agreed to by the State. Eligible Bridge Inspection Services are described in the Consultant's Scope of Services Task Order Contract (Exhibit A).

The LPA agrees to pay 100% of the cost of those features which are not included in Exhibit A. Those features may include but not limited to the purchasing and erecting the recommended weight limits postings signs, the implementation of critical findings reports such as partial or total bridge closures, the implementation of the scour plan of actions. When recommendations affect public safety, ODOT expects full implementation by the LPA. Starting in October 2019, FHWA requires installing weight limits posting signs within 30 days from the official date of the approved recommendations. Timely implementation is essential to the success of this program."

SECTION 3: The LPA agrees that all right-of-way required for the described project will be made available in accordance with current State and Federal regulations.

SECTION 4: The LPA authorizes the City Manager of the City of Monroe to enter into contracts with the Director of Transportation which is necessary to complete the within described project.

SECTION 5: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED:_____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

ORDINANCE NO. 2019-18

AN ORDINANCE LEVYING ASSESSMENTS FOR SIDEWALKS, CURBS, GUTTERS, AND DRIVE APRONS.

WHEREAS, through the adoption of Emergency Resolution No. 14-2018, Council declared the necessity of repairing certain sidewalks, curbs, gutters, and driveway aprons; and

WHEREAS, the repairs set forth in Emergency Resolution No. 14-2018 are completed and a list of estimated assessments have been prepared and are on file with the Clerk of Council; and

WHEREAS, notice has been published pursuant to Ohio Revised Code Section 729.08 stating that a list of estimated assessments has been made and are on file; and

WHEREAS, no objections to said list of estimated assessments have been filed.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: The list of estimated assessments of the cost of repairing certain sidewalks, curbs, gutters, and driveway aprons in the City of Monroe, Ohio, reported to this Council and now on file in the office of the Clerk of Council, and aggregating $26,242.50 are adopted and confirmed upon the passage of this ordinance. Said list of assessments are as follows:

Address	**Parcel Number**	**Property Owner(s)**	**Assessment**
6141 Todhunter Road	C1800014330003	Mark E. Griffin ETAL	$1,125.00
6030 Bendel Drive	C1800014330008	Desiree Skidmore	$2,150.00
6030 Woodland Court	C1800013110017	Wanda F. Sullivan	$2,200.00
6031 Woodland Court	C1800013110022	Michael W. Short	$1,700.00
6042 Valleybrook Drive	C1800013110029	Thomas J. Wilson	$ 400.00
3690 Oaklawn Drive	C1800013110023	Jeffrey & Elizabeth Kliemann	$ 80.00
3640 Oaklawn Drive	C1800014330007	Cynthia Allen	$ 200.00
6157 Todhunter Road	C1800014330004	Charles Deaton	$2,210.00
3805 Hollybrook Drive	C1800013130021	Joseph Urso	$ 240.00
3833 Hollybrook Drive	C1800013130018	Ted Ihle	$3,220.00
3841 Hollybrook Drive	C180013130017	Heather Adams King	$ 160.00
3875 Hollybrook Drive	C1800013130032	Donald and Susan Crank TRS	$1,480.00
3887 Hollybrook Drive	C1800013130033	Donald and Renee Hamilton	$ 720.00
3890 Hollybrook Drive	C1800013130039	Glen and Judith Ayala	$1,445.00
3878 Hollybrook Drive	C1800013130040	Courtney and La Donna Hollon	$3,260.00
3866 Hollybrook Drive	C1800013130041	Nicholas Rose and Julie Honningford	$ 840.00
3834 Hollybrook Drive	C1800013130015	Timothy Kalasek	$3,212.50
6550 Hamilton Lebanon	C1800013000036	RTB Real Estate LLC	$1,600.00

SECTION 2: It is determined that the assessments do not exceed the special benefits resulting from the improvement and do not exceed the statutory limitation.

SECTION 3: The total assessment against each lot and parcel of land shall be payable in cash to the Director of Finance within thirty (30) days after the passage of this ordinance, or at the option of the property owner assessed, in ten (10) semi-annual installments. All assessments and installments which have not been paid at the expiration of the thirty day period shall be certified by the Clerk of Council to the County Auditor, to be placed on the tax duplicate and collected the same as the other taxes, as provided by law.

SECTION 4: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED: _____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

ORDINANCE NO. 2019-19

AN ORDINANCE AUTHORIZING THE TRADE IN OF A 2010 INTERNATIONAL 4300 NO LONGER NEEDED FOR MUNICIPAL PURPOSES AND DECLARING AN EMERGENCY.

WHEREAS, Ohio Revised Code Section 721.15 authorizes the trade in of personal property not needed for municipal purposes; and

WHEREAS, Council desires to authorize the trade in of a 2010 International 4300 valued at one thousand dollars or more.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: Council hereby authorizes the trade in of a 2010 International 4300 no longer needed for municipal purposes.

SECTION 2: This measure shall take effect and be in full force from and after the earliest period allowed by law.

PASSED:_____

ATTEST: APPROVED:

_____ _____

Clerk of Council Mayor

First Reading:_____

Prepared for:
Dan Arthur
City of Monroe, ODOT CO-OP Purchase
1000 Holman Ave
Monroe, OH 45050
Phone: 513-630-7966

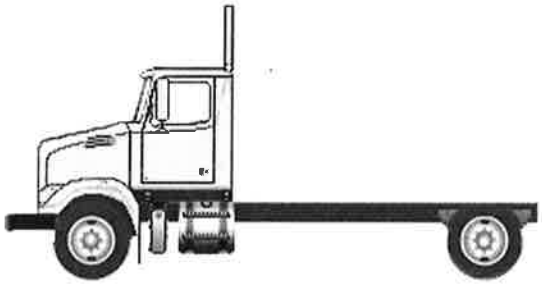
Prepared by:
Dave Hibner
Stoops WESTERN STAR OF OHIO
1770 WAPAK FISHER RD.
P O Box 187
WAPAKONETA, OH 45895
Phone: 419-738-9684

A proposal for
City of Monroe, ODOT CO-OP Purchase

Prepared by
Stoops WESTERN STAR OF OHIO
Dave Hibner

Jun 12, 2019

Western Star 4700SF



Components shown may not reflect all spec'd options and are not to scale

Prepared for:
Dan Arthur
City of Monroe, ODOT CO-OP Purchase
1000 Holman Ave
Monroe, OH 45050
Phone: 513-630-7966

Prepared by:
Dave Hibner
Stoops WESTERN STAR OF OHIO
1770 WAPAK FISHER RD.
P O Box 187
WAPAKONETA, OH 45895
Phone: 419-738-9684

S P E C I F I C A T I O N P R O P O S A L

	Description	Weight Front	Weight Rear
Price Level			
	WESTERN STAR 4700 PRL-18T (EFF:04/14/18)		
Data Version			
	SPECPRO21 DATA RELEASE VER 006		
Vehicle Configuration			
	4700 SET-FORWARD FRONT AXLE CHASSIS	9,100	6,620
	2020 MODEL YEAR SPECIFIED		
	SET FORWARD AXLE - TRUCK		
	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
	LH PRIMARY STEERING LOCATION		
General Service			
	TRUCK/TRAILER CONFIGURATION		
	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
	UTILITY/REPAIR/MAINTENANCE SERVICE		
	GOVERNMENT BUSINESS SEGMENT		
	DIRT/SAND/ROCK COMMODITY		
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
	MAXIMUM 8% EXPECTED GRADE		
	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
	WESTERN STAR VOCATIONAL WARRANTY		
	EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs		
	EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs		
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 39000.0 lbs		
	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		

Prepared for:
Dan Arthur
City of Monroe, ODOT CO-OP Purchase
1000 Holman Ave
Monroe, OH 45050
Phone: 513-630-7966

Prepared by:
Dave Hibner
Stoops WESTERN STAR OF OHIO
1770 WAPAK FISHER RD.
P O Box 187
WAPAKONETA, OH 45895
Phone: 419-738-9684

	Description	Weight Front	Weight Rear
Truck Service			
	FRONT PLOW/END DUMP BODY		
	EXPECTED TRUCK BODY LENGTH : 11.0 ft		
Tractor Service			
	VAN TRAILER		
	SINGLE (1) TRAILER		
Engine			
	CUM L9 330 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM	-850	-70
Electronic Parameters			
	75 MPH ROAD SPEED LIMIT		
	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
	PTO MINIMUM RPM - 700		
	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
	2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
	STANDARD OIL PAN		
	ENGINE MOUNTED OIL CHECK AND FILL		
	ONE PIECE VALVE COVER		
	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		

Prepared for:
Dan Arthur
City of Monroe, ODOT CO-OP Purchase
1000 Holman Ave
Monroe, OH 45050
Phone: 513-630-7966

Prepared by:
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1770 WAPAK FISHER RD.
P O Box 187
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Phone: 419-738-9684

Description	Weight Front	Weight Rear
(3) DTNA GENUINE, AGM STARTING AND CYCLING, MIN 2190CCA, 570RC, THREADED STUD BATTERIES		
PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB		
BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
PLASTIC BATTERY BOX COVER		
POSITIVE LOAD DISCONNECT WITH DASH MOUNTED CONTROL SWITCH	8	
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
LOW VOLTAGE BATTERY DISCONNECT AT 12.3 VOLTS FOR ISOLATED CIRCUITS WITH LOCAL ALARM		
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
AIR COMPRESSOR DISCHARGE LINE		
ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM		
CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK		
100 PERCENT DIESEL EXHAUST FLUID FILL		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		

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	Description	Weight Front	Weight Rear
	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
	CUMMINS SPIN ON FUEL FILTER		
	COMBINATION FULL FLOW/BYPASS OIL FILTER		
	1300 SQUARE INCH ALUMINUM RADIATOR	-20	
	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	RADIATOR DRAIN VALVE		
	NO RADIATOR/OIL PAN GUARD	-5	
	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	NO OIL PREHEATER		
	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	ALUMINUM FLYWHEEL HOUSING		
	ELECTRIC GRID AIR INTAKE WARMER		
	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH	-35	
Transmission			
	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	-110	-35
Transmission Equipment			
	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		

Description	Weight Front	Weight Rear
SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
S1 PREFORMANCE PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
S2 PERFORMANCE 2 SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
1950 RPM PRIMARY MODE SHIFT SPEED		
1800 RPM SECONDARY MODE SHIFT SPEED		
FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 2600 RPM		
MAXIMUM ENGINE SPEED FOR PTO OPERATION 3000 RPM		
MAXIMUM OUTPUT SPEED FOR PTO OPERATION 4000 RPM - ALLISON 5TH GEN TRANSMISSIONS		
NO REAR PTO TRANSMISSION RANGE		
ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR		
CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
PTO MOUNTING, RH SIDE OF MAIN TRANSMISSION		
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment		
DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE		
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		

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	Description	Weight Front	Weight Rear
	NON-ASBESTOS FRONT BRAKE LINING		
	CONMET CAST IRON FRONT BRAKE DRUMS		
	FRONT OIL SEALS		
	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	STANDARD SPINDLE NUTS FOR ALL AXLES		
	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	STANDARD KING PIN BUSHINGS		
	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90	
	POWER STEERING PUMP		
	4 QUART POWER STEERING RESERVOIR		
	OIL/AIR POWER STEERING COOLER		
	SYNTHETIC 50W FRONT AXLE LUBE		
Front Suspension			
	16,000# FLAT LEAF FRONT SUSPENSION		
	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		-2,310
	5.63 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-30	-30
	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
	INDICATOR LIGHT AND BUZZER FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	NON-ASBESTOS REAR BRAKE LINING		
	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		

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	Description	Weight Front	Weight Rear
	CONMET CAST IRON REAR BRAKE DRUMS		
	REAR BRAKE DUST SHIELDS		5
	REAR OIL SEALS		
	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		-20
	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
	30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD		150
	SPRING SUSPENSION - NO AXLE SPACERS		
	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
	FORE/AFT CONTROL RODS		
Brake System			
	WABCO 4S/4M ABS WITH TRACTION CONTROL, WITH ATC OFF-ROAD SWITCH		
	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	FIBER BRAID PARKING BRAKE HOSE		
	STANDARD BRAKE SYSTEM VALVES		
	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
	WABCO OIL COALESCING FILTER FOR AIR DRYER		
	AIR DRYER MOUNTED INBOARD ON LH RAIL		
	ALUMINUM AIR BRAKE RESERVOIRS	-10	-15
	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
	NO TRAILER CABLE RECEPTACLE		
	NO TRAILER RECEPTACLE BRACKET		

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	Description	Weight Front	Weight Rear
Wheelbase & Frame			
	4275MM (168 INCH) WHEELBASE		
	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	-10	190
	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	195	-5
	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
	1000MM (39 INCH) REAR FRAME OVERHANG		
	FRAME OVERHANG RANGE: 31 INCH TO 40 INCH	40	-160
	24 INCH INTEGRAL FRONT FRAME EXTENSION	135	-10
	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 87.08 in		
	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 84.08 in		
	CALC'D FRAME LENGTH - OVERALL : 259.39		
	FRAME HEIGHT TOP FRONT UNLADEN : 43.41 in		
	FRAME HEIGHT TOP FRONT LADEN : 40.57 in		
	FRAME HEIGHT TOP REAR UNLADEN : 42.09 in		
	FRAME HEIGHT TOP REAR LADEN : 40.57 in		
	CALCULATED FRAME SPACE LH SIDE : 61.86 in		
	CALCULATED FRAME SPACE RH SIDE : 161.07 in		
	CALC'D SPACE AVAILABLE FOR DECKPLATE : 86.78 in		
	SQUARE END OF FRAME		
	STANDARD WEIGHT ENGINE CROSSMEMBER		
	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD REARMOST CROSSMEMBER		
	HEAVY DUTY SUSPENSION CROSSMEMBER		
	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment			
	14 INCH CHROMED STEEL BUMPER		
	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		

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	Description	Weight Front	Weight Rear
	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE		
Fuel Tanks			
	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH		
	25 INCH DIAMETER FUEL TANK(S)		
	POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
	FUEL TANK(S) FORWARD		
	POLISHED STEP FINISH		
	FUEL TANK CAP(S)		
	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR	20	
	EQUIFLO INBOARD FUEL SYSTEM		
	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	NO FUEL COOLER	-10	
Tires			
	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
	CONTINENTAL HDC1 11R22.5 16 PLY RADIAL REAR TIRES		68
Hubs			
	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
	ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS	-28	
	ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-100
	FRONT WHEEL MOUNTING NUTS		
	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
	110 INCH BBC STEEL CONVENTIONAL CAB		
	WESTERN STAR STAINLESS STEEL CAB SKIRT		
	AIR CAB MOUNTS WITH CHECK VALVE		
	REPTO DRIVELINE ACCESS IN CAB FLOOR WITH RACEWAY		

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Description	Weight Front	Weight Rear
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
FRONT FENDERS		
2 INCH FENDER EXTENSIONS	5	
LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST		
STATIONARY BRIGHT FINISH GRILLE		
CHROME HOOD MOUNTED AIR INTAKE GRILLE		
GALVANEALED STEEL SEVERE SERVICE CAB		
FIBERGLASS HOOD		
DUAL ROUND AIR HORNS, SINGLE BASE, MOUNTED UNDER CAB		
DUAL ELECTRIC HORNS		
ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER D420		
SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
LED MARKER LAMPS		
WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER		
DAYTIME RUNNING LIGHTS		
INTEGRAL STOP/TAIL/BACKUP LIGHTS		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL MEKRA AERO BRIGHT FINISH HEATED DUAL AXIS 1-PIECE MOTORIZED MIRRORS WITH LIGHTS, LH AND RH REMOTE AND INTEGRAL CONVEX MIRRORS	20	
CAB MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
DUAL MEKRA BRIGHT FINISH HEATED CONVEX MIRRORS WITH MANUAL ADJUSTMENT AND DUAL AXIS FOR 1-PIECE PRIMARY MIRRORS		
RH DOWN VIEW MIRROR		
STANDARD SIDE/REAR REFLECTORS		
STAINLESS STEEL EXTERIOR SUN VISOR	28	
17.5X35 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS		
RH AND LH ELECTRIC POWERED WINDOWS	4	
2-PIECE TINTED CURVED GASKET MOUNTED HEATED WINDSHIELD		

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	Description	Weight Front	Weight Rear
	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab Interior			
	SMOKY MOUNTAIN GRAY VINYL PREMIUM INTERIOR		
	BLACK HARD TRIM		
	BASE LEFT HAND DOOR TRIM		
	BASE RIGHT HAND DOOR TRIM		
	BLACK MATS WITH DOUBLE INSULATION		
	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
	FORWARD ROOF MOUNTED CONSOLE		
	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
	LH AND RH DOOR MAP POCKETS		
	(2) COAT HOOKS ON BACKWALL OF CAB		
	(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR RH DASH		
	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
	5 LB. FIRE EXTINGUISHER	10	
	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL		
	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER		
	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES		
	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
	BINARY CONTROL, R-134A		
	CAB INSULATION		
	AUTOMATIC SELF-RESET CIRCUIT BREAKERS/FUSES IN DASH POWER DISTRIBUTION BOXES AND FUSES IN AUXILIARY POWER DISTRIBUTION BOXES		

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	Description	Weight Front	Weight Rear
	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 1 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION AND REAR CUSHION TILT		
	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT		
	INBOARD DRIVER SEAT ARMREST, NO PASSENGER SEAT ARMREST	2	
	MORDURA CLOTH DRIVER SEAT		
	MORDURA CLOTH PASSENGER SEAT		
	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES		
	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
	NON-ADJUSTABLE SUSPENDED PEDALS		
	ELECTRONIC FOOT ACCELERATOR		
	BRIGHT ARGENT FINISH GAUGE BEZELS		
	ROYAL ROSEWOOD MATTE FINISH DRIVER INSTRUMENT PANEL		
	ROSEWOOD VINYL MATTE FINISH CENTER INSTRUMENT PANEL INSERT		
	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
	87 DB TO 112 DB SELF-ADJUSTING BACKUP ALARM		3
	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES		

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Description	Weight Front	Weight Rear
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
ICU4ME DRIVER MESSAGE CENTER WITH GRAPHICAL DISPLAY, BLACK FACE GAUGES, DIAGNOSTICS AND DATA LINKED		
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
2 INCH ELECTRIC FUEL GAUGE		
PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
NO ADDITIONAL EXTRA SWITCH ACCUATORS		
CUSTOMER INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH CAPS		
NO PREWIRED HIGH POWER CIRCUIT		
ENGINE REMOTE INTERFACE CONNECTOR AT CUSTOMER INTERFACE CONNECTOR		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER		
(1) DASH MOUNTED WORK MODE SWITCH WITH INDICATOR AND CUSTOMER INSTALLED PRE-WIRE PACKAGE WITH OUTPUTS BETWEEN THE SEATS - NO TRANSMISSION PTO	5	
ELECTRIC ENGINE OIL PRESSURE GAUGE		
TOP OF DASH NAVIGATION PREP WITH POWER AND GROUND		
AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
ROOF/OVERHEAD CONSOLE MOUNTED RADIO		
(4) RADIO SPEAKERS IN CAB		
POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION		
MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		

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Description	Weight Front	Weight Rear
STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
ELECTRONIC 3000 RPM TACHOMETER		
NO VEHICLE PERFORMANCE MONITOR	-5	
TELEMATICS PREWIRE WITH POWER, GROUND AND J1939 AT CUSTOMER INTERFACE CONNECTOR		
IGNITION SWITCH CONTROLLED ENGINE STOP		
FOUR EXTRA SWITCHES IN DASH		
HARDWIRE SWITCH #1,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACE CONNECTOR		
HARDWIRE SWITCH #2,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACE CONNECTOR		
HARDWIRE SWITCH #3,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACECONNECTOR		
HARDWIRE SWITCH #4,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACECONNECTOR		
NO HARDWIRE SWITCH #5,ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
NO HARDWIRE SWITCH #6,ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
NO HARDWIRE SWITCH #7,ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
NO HARDWIRE SWITCH #8,ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
NO HARDWIRE SWITCH #9,ON/OFF LATCHING, WIRED TO CUSTOMER INTERFACE CONNECTOR		
NO HARDWIRE SWITCH #10,ON/OFF LATCHING,WIRED TO CUSTOMER INTERFACE CONNECTOR		
BW TRACTOR PROTECTION VALVE		
TRAILER HAND CONTROL BRAKE VALVE		
2 INCH TURBO AIR PRESSURE GAUGE		
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		

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Description	Weight Front	Weight Rear
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SW WITH HEADLIGHT/MRKR LT INTERRUPTER SWITCHES ON STEERING WHEEL & DASH SW FOR CUSTOMER FURNISHED SNOWPLOW LTS		
TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH, HEADLAMP HIGH/LOW AND FLASH, WASH/WIPE/INTERMITTENT		
PACIFIC INSIGHT ELECTRONIC FLASHER		
Design		
PAINT: ONE SOLID COLOR		
Color		
CAB COLOR A: L0006EB WHITE ELITE BC		
CAB INTERIOR PAINTED SAME AS CAB COLOR		
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
Certification / Compliance		
U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options		
DEALER HAS BEEN ADVISED OF AND ACCEPTED RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE		
Raw Performance Data		
CALC'D FRAME LENGTH - OVERALL : 259.39		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 84.08 in		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 86.78 in		

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight	Weight	Total

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	Front	Rear	Weight
Factory Weight[+]	8715 lbs	4311 lbs	13026 lbs
Total Weight[+]	8715 lbs	4311 lbs	13026 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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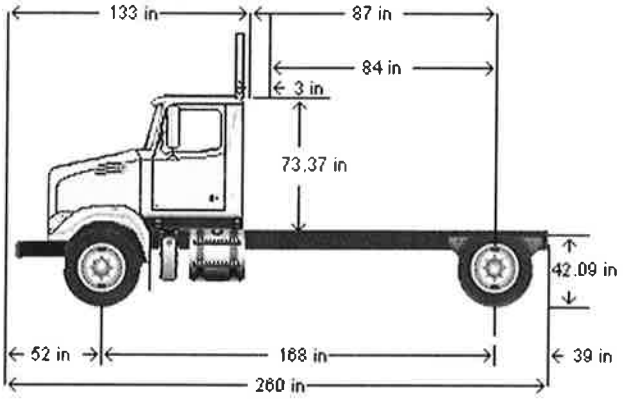
City of Monroe, ODOT CO-OP Purchase
1000 Holman Ave
Monroe, OH 45050
Phone: 513-630-7966

Prepared by:
Dave Hibner
Stoops WESTERN STAR OF OHIO
1770 WAPAK FISHER RD.
P O Box 187
WAPAKONETA, OH 45895
Phone: 419-738-9684

DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	4700SF
Wheelbase (545)	4275MM (168 INCH) WHEELBASE
Rear Frame Overhang (552)	1000MM (39 INCH) REAR FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	110 INCH BBC STEEL CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPERCAB

Exhaust System (016) .....RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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Dimensions	Inches
Bumper to Back of Cab (BBC)	133.2
Bumper to Centerline of Front Axle (BA)	52.0
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	87.1
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	84.1
Back of Cab Protrusions (Exhaust/Intake) (CP)	3.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	126.5
Cab Height (CH)	73.4
Wheelbase (WB)	168.3
Frame Overhang (OH)	39.4
Overall Length (OAL)	259.7
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	42.1

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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FRAME RBM

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545) ..... 4275MM (168 INCH) WHEELBASE
Frame Rails (546) ..... 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI(546)
Yield Strength (psi) 120000
Section Modulus (per rail) (cu in) 21.6
RBM (per rail) (lbf-in) 2592000
Inner Frame Reinforcement (547) ..... PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
Outer Frame Reinforcement (548) .. BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	4275MM (168 INCH) WHEELBASE
Frame	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
Inner Frame Reinforcement	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
Outer Frame Reninforcement	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PL
Yield Strength (psi)	120000
Section Modulus - per rail (cu. in.)	21.60
Frame RBM - per rail (lbf-in)	2592000

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

Stoops
WESTERN STAR OF OHIO
DIVISION OF TRUCK COUNTRY

TRUCK SALES | SERVICE | PARTS | LEASING

WESTERN STAR

1770 Wapakoneta Fisher Rd | Wapakoneta, OH 45895
419-738-9684 | Fax 419-738-2370
stoops.com

May 28, 2019

City of Monroe

RE: ODOT CO-OP 023-19

***Stoops* Western Star of Ohio** is pleased to quote the following attached Western Star Chassis as part of the ODOT 023-19 Bid; CO-OP purchase plan governed by ORC section 9:48:

2021 Western Star 4700SB Single axle chassis

Total State Bid Chassis Price	$89,326.00
Trade-in 2010 International	- 17,000.00
Total net price	**$72,326.00**

- Trade-in price is based on current condition, engine issues, mileage and the market prices.
- Truck will be invoiced and titled to City of Monroe. Payments are due 30 days after invoicing per ODOT contract guidelines.
- When the truck is completed and accepted by the City of Monroe, the city will email the mileage and in service date to davidhibner@truckcountry.com , we will restart the warranty at that time. This can be done up to six months after chassis is delivered. Truck is quoted with standard warranties.

If I can be of further service please give me a call at 419-738-9684, Thank You!

Best regards,

David Hibner
Sales Manager

Accepted By:

_____

_____

Date _____

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QUOTATION

4700 SET-FORWARD FRONT AXLE CHASSIS

SET FORWARD AXLE - TRUCK
CUM L9 330 HP @ 2000 RPM, 2200 GOV RPM, 1000 LB/FT @ 1400 RPM
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RS-23-160 23,000# R-SERIES SINGLE REAR AXLE
30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD
DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
16,000# FLAT LEAF FRONT SUSPENSION
110 INCH BBC STEEL CONVENTIONAL CAB
4275MM (168 INCH) WHEELBASE
7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
1000MM (39 INCH) REAR FRAME OVERHANG
PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	89,169	$	89,169
EXTENDED WARRANTY		$	0	$	0
DEALER INSTALLED OPTIONS		$	0	$	0
CUSTOMER PRICE BEFORE TAX		**$**	***89,169***	**$**	***89,169***
TAXES AND FEES					
FEDERAL EXCISE TAX (FET)		$	(223)	$	(223)
TAXES AND FEES		$	0	$	0
HEATED WIPERS		$	380	$	380
TRADE-IN					
TRADE-IN 2010 INT. 4300 SBA, 1HTMMAAL3AH259849		$	(15,000)	$	(15,000)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**	**74,326**	**$**	**74,326**

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:
Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

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Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

CITY OF MONROE
ATTN: JASON HOLBROOK

SINGLE AXLE EQUIPMENT PACKAGE
REQUIRES AN 84" CA

REVISED 5/9/19

HENDERSON PRODUCTS-OH IS PLEASED TO PROVIDE YOU WITH THE FOLLOWING QUOTE

HENDERSON PRODUCTS IS A DIVISION OF HENDERSON MANUFACTURING AND THUS ALLOWS US THE ABILITY TO FOCUS ON A SPECIFIC PRODUCT LINE, HENDERSON. OUR OHIO FACILITY ONLY INSTALLS HENDERSON PRODUCTS AND THEREFORE WE ARE ABLE TO OFFER A SUPERIOR INSTALLATION AND SERVICE TO OUR CUSTOMERS.

SNOW PLOW

- **HENDERSON MODEL RSP-OC 10'x 36" REVERSABLE SNOW PLOW**
- TRIP EDGE MOLDBOARD WITH ADJUSTABLE COMPRESSION TRIP SPRINGS AND ADJUSTABLE MOLDBOARD ATTACK ANGLE
- ENTIRE PLOW IS CONTINUOUSLY WELDED
- 8 FULL LENGTH VERTICAL RIBS CONTINUOUSLY WELDED
- INTEGRAL SHIELD FOR REDUCED BLOW BACK
- STAINLESS STEEL MOLDBOARD
- RIGHT SIDE MAILBOX CUT
- 4"x4"x3/8" TUBULAR PUSH FRAME FOR ADDED STRENGTH
- 4"x4"x3/4" FULLY GUSSETED BOTTOM ANGLE
- 3"X16" HEAVY DUTY OUTBOARD CYLINDERS
- RUBBER SNOW DEFLECTOR WITH STAINLESS BACKER BAR AND PLOW MARKERS
- 5/8"X8"X10' STANDARD HIGHWAY PUNCH CUTTING EDGE
- FRONT OF MOLDBOARD TO BE BARE STAINLESS WITH PUSH FRAME AND BACK OF MOLDBOARD POWDERCOATED GLOSS BLACK
- CUSHION VALVE STANDARD
- PIN AND LOOP HITCH RING WITH OSCILLATOR BAR ALLOWING PLOW TO CONFORM TO THE ROAD
- BUILT IN LEVEL-LIFT WITH NO MOVING PARTS

SNOW PLOW HITCH

- **HENDERSON HERCULES MODEL SNOW PLOW HITCH**
- HENDERSON MODEL 2-1/2" DROP PIN QUICK HITCH
- HENDERSON FULL 5/8" STEEL SIDE PLATES MOUNTED FLUSH TO THE FRAME FOR MAXIMUM STRENGTH
- LIFT BEAM FOLDS FLAT WHEN NOT IN USE
- OEM BUMPERS CUT AND BOLTED ON
- 5 POSITION TELESCOPING LIFT ARM
- 4" DOUBLE ACTING NITRIDED LIFT CYLINDER
- PAINTED AND INSTALLED
- SNOW PLOW HITCH INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

CENTRAL HYDRAULIC SYSTEM

- **CERTIFIELD POWER-STORMGUARD/LOAD SENSING SYSTEM**
- CHELSEA WET SPLINE PTO-CONSTANT MESH
- DANFOSS MODEL JRR75 PUMP
- FREEDOM MODEL 2.2 ELECTRONIC SPREADER CONTROL
- ELECTRIC JOY STICKS
- HENDERSON STEEL FLOOR PLATE
- CERTIFIED POWER 30-GALLON STAINLESS STEEL OIL RESERVOIR WITH VALVE ENCLOSURE
- ALL WEATHERHEAD"RHINO-GUARD" HOSES AND FITTINGS WITH STAINLESS STEEL QUICK COUPLERS
- SWITCH FOR PRESSURE RELEASE VALVE REMOTE MOUNTED (NOT IN CONSOLE)-LOCATION TBD AT PRE BUILD MEETING
- ALL PRESSURE HOSES SAE 100R2 WITH JIC STYLE FITTINGS
- MID-STATE STAINLESS STEEL HYDRAULIC LINES MOUNTED WITH POLY BUSHINGS TO THE REAR OF THE TRUCK
- MID-STATE STAINLESS STEEL HYDRAULIC LINES MOUNTED WITH POLY BUSHINGS TO THE FRONT OF THE TRUCK
- ALL SWITCHES MOUNTED IN CONSOLE
- HYDRUALIC SYSTEM TO BE FULLY TESTED AND PROPERLY CALIBRATED
- INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

DUMP BODY

- **HENDERSON 11' FLAT FLOOR MUNIBODY STAINLESS STEEL**
- 7 GAUGE 201 STAINLESS STEEL
- REAR DISCHARGE
- 20" POLY SPINNER DISK
- COMPLETE STAINLESS STEEL SPINNER ASSEMBLY
- ENTIRE BODY IS CONTINOUSLY WELDED
- SLOPED LOWER DIRT SHEDDING RUB RAIL
- 11' LONG
- 7' WIDTH
- 36" SIDES
- 48" AIR RELEASE TAILGATE
- (2) HORIZONTAL BRACES ON TAILGATE
- ¼" AR400 STEEL FLOOR 200,000 PSI IMPACT RESISTANCE
- SLOPED BOX TOP RAIL 4"x5" SEAMLESS AND BOXED
- (1) HORIZONTAL 7 GAUGE STAINLESS STEEL SIDE BRACE
- FULL DEPTH REAR CORNER POST 7 GAUGE STAINLESS STEEL
- 5" SIDE TO FLOOR RADIUS
- FULLY WELDED 22"X84" STAINLESS STEEL CAB SHIELD
- REAR MOUNTED MOTOR AND GEARCASE FOR CONVEYOR
- 3/16" AR 400 STEEL CONVEYOR COVER
- DOUBLE CONVEYOR CROSS BARS
- HENDERSON STAINLESS STEEL PULL OUT LADDER WITH 2 STEPS
- POLY SHEET BOLTED TO FRAME RAIL EN LIEU OF UNDERBODY PAN
- ALL LED FMVSS # 108 MARKER LIGHTS

- INSTALLED AND NOT PAINTED

HOIST

- **HENDERSON MODEL CS FRONT TELESCOPIC MAILHOT HOIST**
- 29 TON CAPACITY
- FULL DOUBLE ACTING (POWER UP AND ALL THE WAY DOWN)
- 4" INSIDE DIAMETER CYLINDER BASE TUBE
- ALL CYLINDER STAGES FULLY NITRIDED FOR CORROSION AND WEAR RESISTANCE
- HOIST IS PHOSPHATE RINSED, EPOXY PRIMED, AND FINISH PAINTED BLACK
- 12" DOGHOUSE IN FRONT OF BODY
- 6"x8"x1/2" STRUCTURAL ANGLE WITH 2" 303 STAINLESS STEEL PINS
- GREASEABLE REAR PINS
- INSTALLED
- BODY AND HOIST INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

ELECTRICAL SYSTEM

- **WHELEN LED SYSTEM**
- (6) LED AMBER STROBES MOUNTED IN CAB SHIELD IN STAINLESS STEEL BOXES FACING FORWARD, SIDES, AND REAR
- (2) LED AMBER LIGHTS INSTALLED IN REAR CORNER POSTS
- (2) LED BACK UP LIGHTS INSTALLED IN REAR CORNER POSTS
- (2) LED STOP/TAIL/TURN LIGHTS INSTALLED IN REAR CORNER POSTS
- (2) 4" LED SPINNER LIGHTS MOUNTED NEAR FRAME RAILS FACING OUTWARD WIRED TOGETHER TO SPINNER LIGHT SWITCH
- BODY UP LIGHT WIRED TO PROXIMITY SWITCH
- WHELEN 97 DB BACK UP ALARM
- ALL ONE PIECE WIRING FROM POWER SOURCE TO ELECTRICAL ITEM
- ALL WIRING WILL BE PROPERLY RUN TO AVOID SHARP EDGES AND PINCH POINTS
- ALL WIRING WILL BE PROPERLY FUSED WITH NO BUTT JOINTS OR SPLICES
- FACTORY REAR CHASSIS LIGHTS TO BE RECESSED TO AVOID CONTACT WITH SPINNER STABILIZER BAR
- HENDERSON PDP POWER DISTRIBUTION CENTER
- ALL LED FMVSS # 108 MARKER LIGHTS
- TRUCK LITE HEATED LED PLOW LIGHTS WITH STAINLESS STEEL BRACKETS
- ALL ONE PIECE WIRING WITH COPY OF WIRING SCHEMATIC
- INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

PRE WETTING SYSTEM

- **HENDERSON PRE WETTING SYSTEM**
- 75 GALLON FRAME MOUNTED TANK WITH 1 ½" CAM LOCK FILL
- VENT EXTENDED 6" ABOVE TANK-DISCUSS LOCATION CHANGE AT PRE BUILD MEETING
- CERTIFIED POWER 8.2 GPM HYDRAULIC PUMP
- CLOSED LOOP SYSTEM WITH FLOWMETER
- CUSTOMER TO SUPPLY SPRAY NOZZLES AND MOUNTING BRACKETS
- SYSTEM OPERATED THROUGH FREEDOM 2.2 SPREADER CONTROLLER

- INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

PINTLE PLATE

- ¾" HEAVY DUTY PINTLE PLATE-GUSSETED AND REINFORCED
- (2) 1" D-RINGS
- 20 TON PINTLE HOOK WITH 8 HOLE ADJUSTMENT
- 7 WAY RV TRAILER PLUG

MISCELLANEOUS

- HARDWOOD SIDE BOARDS PAINTED BLACK
- STAINLESS STEEL SHOVEL HOLDER MOUNTED ON DRIVERS SIDE
- HENDERSON QUICK RELEASE FULL REAR MUD FLAPS WITH STAINLESS HINGES WELDED TO BODY
- RED & WHITE REFLECTIVE TAPE BOTH SIDES AND TAILGATE
- CHASSIS AND UNDERSIDE OF BODY WILL BE UNDERCOATED

TOTAL PACKAGE PRICE $88,183.00 PER TRUCK

INSTALLATION AND WARRANTY

- **1 YEAR WARRANTY ON ALL EQUIPMENT**
- ALL MOUNTING TO BE 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS
- PRE-BUILD MEETING AT OUR FACILITY REQUIRED PRIOR TO START OF BUILD
- HENDERSON TRUCK EQUIPMENT WILL HANDLE ALL TRANSPORTATION AND REPAIRS TO VEHICLE FOR WARRANTY AND SERVICE WORK IN A TIMELY MANNER
- ALL EQUIPMENT WILL BE INSTALLED BY A SINGLE BODY COMPANY BY OUR EMPLOYEES AT OUR FACILITY.
- ALL EQUIPMENT IS ENGINEERED BY A SINGLE MANUFACTURER, HENDERSON PRODUCTS INC.
- INSTALLATION OF COMPONENTS WILL NOT BE SUBCONTRACTED BY THE BODY COMPANY TO OTHERS
- NO WELDING TO BE DONE ON CHASSIS FRAME BETWEEN FRONT OF MOST FORWARD SPRING HANGER AND REAR OF REARMOST SPRING HANGER.
- COPY OF CENTRAL HYDRAULIC SYSTEM SCHEMATIC WILL BE FURNISED UPON COMPLETION
- COPY OF WIRING SCHEMATIC WILL BE FURNISHED UPON COMPLETION
- PARTS AND SERVICE MANUALS FOR ALL COMPONENTS WILL BE FURNISHED UPON COMPLETION
- VEHICLE TO BE CERTIFIED TO MEET ALL FEDERAL MOTOR VEHICLE SAFETY STANDARDS
- HENDERSON TO CONDUCT OPERATOR TRAINING SESSION AT YOUR FACILITY AFTER DELIVERY OF COMPLETED TRUCK
- SNOW AND ICE CONTROL REFERENCES AVAILABLE UPON REQUEST

HENDERSON PRODUCTS-OHIO
PAUL SACKETT-OHIO SALES REP
937-710-3362 CELL
PSACKETT@HENDERSONPRODUCTS.COM

CONTRACT ACCEPTANCE:_____ DATE:_____

TITLE:_____ PURCHASE ORDER #:_____