

**AGENDA
OF THE CITY COUNCIL
CITY OF EAST GRAND FORKS
MONDAY, FEBRUARY 28, 2022 – 5:00 PM**

CALL TO ORDER:

CALL OF ROLL:

DETERMINATION OF QUORUM:

PLEDGE OF ALLEGIANCE:

OPEN FORUM:

“An opportunity for members of the public to address the City Council on items not on the current Agenda. Items requiring Council action maybe deferred to staff or Boards and Commissions for research and future Council Agendas if appropriate.”

APPROVAL OF MINUTES:

1. Consider approving the minutes of the “Council Meeting” for the East Grand Forks, Minnesota City Council of February 15, 2022.
2. Consider approving the minute summary of the “Closed Meeting” for the East Grand Forks, Minnesota City Council of February 15, 2022.
3. Consider approving the minutes of the “Work Session” for the East Grand Forks, Minnesota City Council of February 22, 2022.
4. Consider approving the minute summary of the “Closed Meeting” for the East Grand Forks, Minnesota City Council of February 22, 2022.

SCHEDULED BID LETTINGS: NONE

SCHEDULED PUBLIC HEARINGS: NONE

CONSENT AGENDA:

Items under the “Consent Agenda” will be adopted with one motion; however, council members may request individual items to be pulled from the consent agenda for discussion and action if they choose.

5. Consider adopting Resolution No. 22-02-16 approving the promotion of Austin Skjei to Assistant Fire Chief at a salary of \$35.53 per hour effective March 30, 2022.

6. Consider adopting Resolution No. 22-02-017 approving the promotion of Hunter Olson to Engineer at a salary of \$26.66 per hour effective March 30, 2022.
7. Consider approving the Exempt Gambling Permit application for the East Grand Forks Fire Department Relief Association to hold a raffle on June 11, 2022 at the VFW Club located at 312 Demers Ave East Grand Forks, MN 56721 and waive the 30 day waiting period.
8. Consider adopting Resolution No. 22-02-18 approving the plans and specifications and ordering advertisement for bids for the 2022 Assessment Job. No. 1 Utilities and Street Reconstruction for 5th Avenue NW and 20th Street NW.

ACKNOWLEDGE RECEIPT OF REPORTS OF OFFICERS, BOARDS, AND COMMISSIONS:

9. Regular meeting minutes of the Water, Light, Power, and Building Commission for February 2, 2022.

COMMUNICATIONS: NONE

OLD BUSINESS: NONE

NEW BUSINESS:

10. Consider approving the purchase of the 2022 Polaris Ranger SP 570 NorthStar Edition UTV from Lakes Area PowerSports for a total of \$17,773.69 and have the UTV equipped with lights and sirens from Guardian Fleet Supply for a total of \$2,041.89.
11. Consider awarding the canopy roof replacement project at the Senior Citizens Center to Skinner Roofing for a total of \$16,200.
12. Consider adopting Resolution No. 22-02-19 requesting a variance from the Minnesota Department of Transportation State Aid Operations to allow funds to be eligible for state aid construction with the state aid engineer plan approval after opening of bids for the signal improvements and ADA improvements.
13. Consider adopting Resolution No. 22-02-20 approving the plans and specifications and ordering advertisement for bids for the replacement of the roof at Fire Station One.

CLAIMS:

14. Consider authorizing the City Administrator/Clerk-Treasurer to issue payment of recommended bills and payroll.

COUNCIL/STAFF REPORTS:

ADJOURN:

Upcoming Meetings

Strategic Planning Session – Tuesday, March 8, 2022 – Prohibition Room/Spud Jr. – 5:00 PM

Council Meeting – Tuesday, March 15, 2022 – Council Chambers – 5:00 PM

Work Session – Tuesday, March 22, 2022 – Training Room – 5:00 PM

Council Meeting – Tuesday, April 5, 2022 – Council Chambers – 5:00 PM

**UNAPPROVED MINUTES
OF THE CITY COUNCIL
CITY OF EAST GRAND FORKS
TUESDAY, FEBRUARY 15, 2022 – 5:00 PM**

CALL TO ORDER:

The Council Meeting of the East Grand Forks City Council for Tuesday, February 15, 2022 was called to order by Council President Olstad at 5:00 P.M.

CALL OF ROLL:

On a Call of Roll the following members of the East Grand Forks City Council were present: Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Tim Johnson, Marc DeMers, and Brian Larson.

Staff Present: Karla Anderson, Finance Director; Jeff Boushee, Fire Chief; Nancy Ellis, City Planner; Steve Emery, City Engineer; Ron Galstad, City Attorney; Paul Gorte, Economic Development Director; Michael Hedlund, Police Chief, Charlotte Helgeson, Library Director; David Murphy, City Administrator/Clerk-Treasurer; Keith Mykleseth, Water and Light General Manager; and Megan Nelson, City Clerk.

DETERMINATION OF QUORUM:

The Council President Determined a Quorum was present.

PLEDGE OF ALLEGIANCE:

OPEN FORUM:

President Olstad stated the open form was an opportunity for members of the public to address the City Council on items not on the current agenda and items requiring Council action maybe deferred to staff or Boards and Commissions for research and future Council Agendas if appropriate. He asked if anyone would like to address the City Council, please come up to the podium to do so. No one came forward.

APPROVAL OF MINUTES:

1. Consider approving the minutes of the “Work Session” for the East Grand Forks, Minnesota City Council of January 25, 2022.
2. Consider approving the minutes of the “Council Meeting” for the East Grand Forks, Minnesota City Council of February 1, 2022.
3. Consider approving the minutes of the “Work Session” for the East Grand Forks, Minnesota City Council of February 8, 2022.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER RIOPELLE, TO APPROVE ITEMS ONE (1) THROUGH THREE (3).

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.
Voting Nay: None.

SCHEDULED BID LETTINGS: NONE

SCHEDULED PUBLIC HEARINGS:

4. Public Hearing on the 2021 Assessment Job No. 1 – Street Improvements for Sawgrass Court NW.

A MOTION WAS MADE BY COUNCIL MEMBER VETTER, SECONDED BY COUNCIL MEMBER RIOPELLE, TO OPEN THE PUBLIC HEARING ON THE 2021 ASSESSMENT JOB NO. 1 – STREET IMPROVEMENTS FOR SAWGRASS COURT NW.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.
Voting Nay: None.

Mr. Emery stated this was the assessment hearing for the 2021 Assessment Job No. 1 Street Improvements for Sawgrass Court NW. He explained bids were received on January 6, 2022, Opp Construction was the apparent low bidder, and the Council would be considering awarding the project later in the meeting. He said any objections needed to have been filed with the Council and those that properly objected to the assessment could file an appeal with the district court within 30 days of the assessment roll being adopted. He reviewed the total project costs that included 5% for contingency were \$143,089.48, of that \$127,882.54 would be assessed, and around \$15,207 would be covered by the City for salvaging the aggregate as well as covering the curb and gutter and panel repairs.

Mr. Emery stated the rates were based on front and end footages and the assessment rates were \$182.98 for front benefit and \$60.99 for end benefit. He said the assessments would be filed with the County and paid with the property taxes which would not start until 2023 and special assessments could be prepaid after the assessment roll was adopted. He added it would be assessed over 20 years at a 4.5% interest rate. He asked for questions and there were none.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER VETTER, TO CLOSE THE PUBLIC HEARING ON THE 2021 ASSESSMENT JOB NO. 1 – STREET IMPROVEMENTS FOR SAWGRASS COURT NW.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.
Voting Nay: None.

CONSENT AGENDA: NONE

Items under the “Consent Agenda” will be adopted with one motion; however, council members may request individual items to be pulled from the consent agenda for discussion and action if they choose.

ACKNOWLEDGE RECEIPT OF REPORTS OF OFFICERS, BOARDS, AND COMMISSIONS:

5. Regular meeting minutes of the Water, Light, Power, and Building Commission for January 19, 2022.

COMMUNICATIONS: NONE

OLD BUSINESS: NONE

NEW BUSINESS:

6. Consider adopting Resolution No. 22-02-13 accepting and awarding the bid for improvement for 2021 Assessment Job. No 1 Street Improvement to Opp Construction for a total construction cost of \$116,981.00.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO ADOPT RESOLUTION NO. 22-02-13 ACCEPTING AND AWARDING THE BID FOR IMPROVEMENT FOR 2021 ASSESSMENT JOB. NO 1 STREET IMPROVEMENT TO OPP CONSTRUCTION FOR A TOTAL CONSTRUCTION COST OF \$116,981.00.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

7. Consider adopting Resolution No. 22-02-14 adopting Assessment Roll 342 for 2021 Assessment Job No. 1 Street Improvements for Sawgrass Court NW for a total assessment of \$127,882.54.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO ADOPT RESOLUTION NO. 22-02-14 ADOPTING ASSESSMENT ROLL 342 FOR 2021 ASSESSMENT JOB NO. 1 STREET IMPROVEMENTS FOR SAWGRASS COURT NW FOR A TOTAL ASSESSMENT OF \$127,882.54.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

8. Reconsider Resolution No. 21-12-90 ordering improvement and preparation of plans and specifications for Utility Improvements and Street Reconstruction for 20th Street NW and 5th Avenue NW.

A MOTION WAS MADE BY COUNCIL MEMBER RIOPELLE, SECONDED BY COUNCIL MEMBER LARSON, ADOPTING RESOLUTION NO. 21-12-90 ORDERING IMPROVEMENT AND PREPARATION OF PLANS AND SPECIFICATIONS FOR UTILITY IMPROVEMENTS AND STREET RECONSTRUCTION FOR 20TH STREET NW AND 5TH AVENUE NW.

Mr. Murphy stated this item did fail because it had required a super majority because it was council initiated project. He said one of the three nay votes could bring this forward to reconsider which was done by Council Vice-President Riopelle, it could have been seconded by anyone on the Council, so at this point they could discuss the reconsideration of this motion and it would need six aye votes to approve the resolution. He added that if this item was approved at the next work session there would be an item to direct the city engineer to advertise for bids for the project.

Mr. Emery commented how the plans and specifications have been completed and there would not be any additional costs to take the next step. Council member Vetter said he originally voted yes for this because everything had been based on estimates so getting actual bids the information would be actual costs instead of estimates so they could hold the assessment hearing so residents would have a chance to object if they did not want to move forward with the project.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

9. Consider adopting Resolution No. 22-02-15 authorizing payment to Widseth for the preparation for the plans and specifications for 2022 Assessment Job No. 1 – Utility and Street Reconstruction for 20th Street NW and 5th Avenue NW.

Council President Olstad said this item was now moot.

CLAIMS:

10. Consider authorizing the City Administrator/Clerk-Treasurer to issue payment of recommended bills and payroll.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER RIOPELLE, TO AUTHORIZE THE CITY ADMINISTRATOR/CLERK-TREASURER TO ISSUE PAYMENT OF RECOMMENDED BILLS AND PAYROLL.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

COUNCIL/STAFF REPORTS:

Mayor Gander offered condolences to the family of Bob Moore who had recently passed away. He stated how Mr. Moore and his family had done so much for the community and he would be greatly missed.

Mr. Murphy reminded the Council there would be a closed session immediately following the council meeting.

Mr. Galstad said he would like to echo Mayor Gander’s comments. He explained he had worked with Mr. Moore fairly closely throughout the years and again he offered condolences to the family for their loss.

Chief Hedlund informed the Council on Thursday, February 17th starting at 5:30pm in the Council Chambers the Police Department would be holding their annual awards ceremony and they were all welcomed to attend.

ADJOURN:

A MOTION WAS MADE BY COUNCIL MEMBER VETTER, SECONDED BY COUNCIL MEMBER JOHNSON, TO ADJOURN THE FEBRUARY 15, 2022 COUNCIL MEETING OF

THE EAST GRAND FORKS, MINNESOTA CITY COUNCIL AT 5:12 P.M.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

David Murphy, City Administrator/Clerk-Treasurer

**UNAPPROVED MINUTE SUMMARY
OF THE CLOSED SESSION
CITY OF EAST GRAND FORKS
TUESDAY, FEBRUARY 15, 2022 – FOLLOWING THE COUNCIL MEETING**

CALL TO ORDER:

The Closed Meeting of the East Grand Forks City Council for Tuesday, February 15, 2022 was called to order by Council President Olstad at 5:22 P.M.

CALL OF ROLL:

On a Call of Roll the following members of the East Grand Forks City Council were present: Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Tim Johnson, Marc DeMers, and Brian Larson.

Staff Present: Karla Anderson, Finance Director; Steve Emery, City Engineer; Ron Galstad, City Attorney; David Murphy, City Administrator/Clerk-Treasurer; and Megan Nelson, City Clerk.

DETERMINATION OF QUORUM:

The Council President Determined a Quorum was present.

1. This meeting is closed pursuant to MN Statute 13D05 Subd 3(c) 3 to develop or consider offers or counteroffers for the purchase or sale of real or personal property for parcel 59.00061.01.

A MOTION WAS MADE BY COUNCIL MEMBER VETTER, SECONDED BY COUNCIL MEMBER RIOPELLE, TO MOVE INTO CLOSED SESSION.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

Discussion followed in closed session.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO MOVE INTO OPEN SESSION.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

ADJOURN:

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO ADJOURN THE FEBRUARY 15, 2022 CLOSED MEETING OF THE EAST GRAND FORKS, MINNESOTA CITY COUNCIL AT 6:04 P.M.

Voting Aye: Larson, Vetter, Helms, Riopelle, Johnson, Olstad, and DeMers.

Voting Nay: None.

**UNAPPROVED MINUTES
OF THE CITY
COUNCIL WORK SESSION
CITY OF EAST GRAND FORKS
TUESDAY, FEBRUARY 22, 2022 – 5:00 PM**

CALL TO ORDER:

The Work Session of the East Grand Forks City Council for Tuesday, February 22, 2022 was called to order by Council Vice-President Riopelle at 5:00 P.M.

CALL OF ROLL:

On a Call of Roll the following members of the East Grand Forks City Council were present: Mayor Steve Gander, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Tim Johnson, and Brian Larson.

Staff Present: Karla Anderson, Finance Director; Jeff Boushee, Fire Chief; Nancy Ellis, City Planner; Steve Emery, City Engineer; Ron Galstad, City Attorney; Paul Gorte, Economic Development Director; Michael Hedlund, Police Chief, Charlotte Helgeson, Library Director; Reid Huttunen, Parks and Recreation Superintendent; David Murphy, City Administrator/Clerk-Treasurer; Megan Nelson, City Clerk; and Jason Stordahl, Public Works Director.

DETERMINATION OF A QUORUM:

The Council Vice-President Determined a Quorum was present.

1. Request to File Plans & Specifications & Set Bid Date for 5th Ave and 20th St NW – Steve Emery

Mr. Emery stated they were finishing the plans and specifications for this project, they would be filing plans and specifications with the Council at the next meeting, and he was requesting to start advertising for bids, which would be opened on March 29th. He said they would be tabulated and brought back to the next work session. Council member Larson stated the Council had discussed a much cheaper, limited, reconstruction project, which would have a much different scope. He asked if it was possible to have the limited reconstruction project bid at the same time. Mr. Emery said it was not feasible at this time because they would have to prepare a completely new set of plans for that option and that would delay bidding the project at this time. Council member Larson commented they would not want to push the bid date out any farther and could consider what the other options were after that. Mr. Emery said if the bids come high and there were many objections the Council could then reject the bids. Mayor Gander added after that the Council would need to decide to do nothing or move forward with the limited construction. Council member Larson stated it was better to start and finish each process instead of trying to do it all at once and he was good with that. There were no further questions.

This item will be referred to a City Council Meeting for action.

2. Request to Purchase UTV – Michael Hedlund

Chief Hedlund informed the Council \$14,000 had been budgeted in 2022 for a UTV that could be used for a variety of uses by the police department. He reviewed the bids he received, how both were very similar, and there would be an additional cost to outfit the UTV. He recommended going with the ranger at the lower price and including the lights and sirens the total cost was \$16,635.53. He added he talked with the other departments and there was an issue of getting the Parks UTV being serviced at a vendor in Grand Forks but at this time, all maintenance and repairs were being handled by the city mechanics but if there was something major, they might need to take it out of town for repairs.

Mayor Gander asked what the plan was for the remaining balance. Chief Hedlund said money had been budgeted for an undercover vehicle, which had come way under budget because they were able to trade in some vehicles to help with the purchase so the remainder would be covered by the equipment fund. Council member Larson asked if a track kit was needed to be able to patrol in the wintertime. Chief Hedlund said it was something to consider but at this time he was just trying to get this in place and it could be order later. Council member Johnson asked if the installation of the lights and sirens could be done in the city shop. Chief Hedlund said it could be looked into. Discussion followed about how the city mechanics do a great job but with all of the electronic systems, it was outsourced and if both had assisted lifts for the boxes.

This item will be referred to a City Council Meeting for action.

3. Consider Promotions for Assistant Fire Chief and Engineer in the Fire Department – Jeff Boushee

Chief Boushee informed the Council that the promotional process had been completed that had been approved by the Council and he had received a signed resignation from Assistant Chief Anderson. He requested promoting Austin Skjei to Assistant Fire Chief and Hunter Olson to Engineer. Council member Vetter asked if this had to go through the Civil Service. Chief Boushee stated the Civil Service had certified the candidates before they were sent on for consideration.

This item will be referred to a City Council Meeting for action.

4. Request Use of Blue Line Area as Emergency Temporary Holding Facility – Reid Huttunen

Mr. Huttunen explained this request had come from the Tri-County Correctional Center asking to designate the Blue Line Arena as a temporary jail in the case the jail in Crookston ever needed to be evacuated. He stated there were two sites designated in Crookston so this was the third location to be used in the case of a natural disaster and the other temporary sites would be unavailable. He added it would only be used for up to 12 hours and would depend on availability so if the arena was being used, they would have to use another site. He said staff had reviewed the memorandum of understanding and some suggestions were made. There were no further questions.

This item will be referred to a City Council Meeting for action.

5. Consider Canopy Roof Replacement at Senior Citizens Center – Reid Huttunen

Mr. Huttunen explained he had requested quotes for replacing the canopy portion of the roof at the Senior Citizen Center. He stated 25,000 had been budgeted to complete the project, two quotes were received and he recommended awarding the project to Skinner Roofing for a total of \$16,200. There were no questions.

This item will be referred to a City Council Meeting for action.

ADJOURN:

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO ADJOURN THE FEBRUARY 22, 2022 WORK SESSION OF THE EAST GRAND FORKS, MINNESOTA CITY COUNCIL AT 5:15 P.M.

Voting Aye: Vetter, Helms, Riopelle, Johnson, and Larson.

Voting Nay: None.

Absent: Olstad and DeMers.

David Murphy, City Administrator/Clerk-Treasurer

**UNAPPROVED MINUTE SUMMARY
OF THE CLOSED MEETING
CITY OF EAST GRAND FORKS
TUESDAY, FEBRUARY 22, 2022 – FOLLOWING THE WORK SESSION**

CALL TO ORDER:

The Closed Meeting of the East Grand Forks City Council for Tuesday, February 22, 2022 was called to order by Council Vice-President Riopelle at 5:19 P.M.

CALL OF ROLL:

On a Call of Roll the following members of the East Grand Forks City Council were present: Mayor Steve Gander, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Tim Johnson, and Brian Larson.

Staff Present: Karla Anderson, Finance Director; Ron Galstad, City Attorney; David Murphy, City Administrator/Clerk-Treasurer; and Megan Nelson, City Clerk.

DETERMINATION OF QUORUM:

The Council Vice-President Determined a Quorum was present.

1. This meeting is closed pursuant to MN Statute 13D05 Subd 3(c) 3 to develop or consider offers or counteroffers for the purchase or sale of real or personal property for parcel 59.00061.01.

A MOTION WAS MADE BY COUNCIL MEMBER VETTER, SECONDED BY COUNCIL MEMBER JOHNSON, TO MOVE INTO CLOSED SESSION.

Voting Aye: Vetter, Helms, Riopelle, Johnson, and Larson.

Voting Nay: None.

Absent: Olstad and DeMers.

Discussion followed in closed session.

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER VETTER, TO MOVE INTO OPEN SESSION.

Voting Aye: Vetter, Helms, Riopelle, Johnson, and Larson.

Voting Nay: None.

Absent: Olstad and Demers.

ADJOURN:

A MOTION WAS MADE BY COUNCIL MEMBER JOHNSON, SECONDED BY COUNCIL MEMBER LARSON, TO ADJOURN THE CLOSED SESSION UNTIL WEDNESDAY, MARCH 9TH AT 11:45AM IN THE TRAINING ROOM IN CITY HALL.

Voting Aye: Vetter, Helms, Riopelle, Johnson, and Larson.

Voting Nay: None.

Absent: Olstad and DeMers.

David Murphy, City Administrator/Clerk-Treasurer

Request for Council Action

Date: 2/18/2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council members Clarence Vetter, Dale Helms, Tim Johnson, Marc DeMers, and Brian Larson.

Cc: File

From: Fire Chief Jeff Boushee

RE: Assistant Fire Chief and Engineer Promotion

Background:

Assistant Fire Chief Jeff Anderson has submitted his retirement letter with a retirement date of March 29th. In anticipation of this we have completed our council approved promotional process for Assistant Fire Chief and Engineer. I am requesting the council to approve my following recommendation.

Budgetary Impact: See below

Recommendation:

To authorize the East Grand Forks Fire Department to promote Austin Skjei to the position of Assistant Fire Chief at the pay rate of \$35.53 per hour (Grade 16 Step 6) and to promote Hunter Olson to the position of Engineer at the pay rate of \$26.66 per hour (Grade 14 Step 2) With an effective date of March 30th, 2022.

Enclosures: None

RESOLUTION NO. 22 – 02 - 16

Council Member _____, supported by Council Member _____, introduced the following resolution and moved its adoption:

WHEREAS, the City of East Grand Forks has an internal opening for position of “Assistant Chief”, and

WHEREAS, applications were reviewed by the Civil Service Commission and qualified candidates were interviewed by City Staff; and

WHEREAS, City Staff has recommended the promotion of Austin Skjei to Assistant Chief, and

WHEREAS, Mr. Skjei would be placed on the current Grade 16 Step 6 which is \$35.53 per hour; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF EAST GRAND FORKS, MINNESOTA:

1. Austin Skjei is promoted to Assistant Chief at a salary of \$35.53 per hour effective on March 30, 2022.

Voting Aye:
Voting Nay:
Absent:

The President declared the resolution passed.

Passed: February 28, 2022

Attest:

City Administrator/Clerk-Treasurer

President of Council

I hereby approve the foregoing resolution this 28th day of February, 2022.

Mayor

RESOLUTION NO. 22 – 02 - 17

Council Member _____, supported by Council Member _____, introduced the following resolution and moved its adoption:

WHEREAS, the City of East Grand Forks has an internal opening for position of “Engineer”, and

WHEREAS, applications were reviewed by the Civil Service Commission and qualified candidates were interviewed by City Staff; and

WHEREAS, City Staff has recommended the promotion of Hunter Olson to Engineer, and

WHEREAS, Mr. Olson would be placed on the current Grade 14 Step 2 which is \$26.66 per hour; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF EAST GRAND FORKS, MINNESOTA:

1. Hunter Olson is promoted to Engineer at a salary of \$26.66 per hour effective on March 30, 2022.

Voting Aye:

Voting Nay:

Absent:

The President declared the resolution passed.

Passed: February 28, 2022

Attest:

City Administrator/Clerk-Treasurer

President of Council

I hereby approve the foregoing resolution this 28th day of February, 2022.

Mayor

LG220 Application for Exempt Permit

An exempt permit may be issued to a nonprofit organization that:

- conducts lawful gambling on five or fewer days, and
- awards less than \$50,000 in prizes during a calendar year.

If total raffle prize value for the calendar year will be \$1,500 or less, contact the Licensing Specialist assigned to your county by calling 651-539-1900.

Application Fee (non-refundable)

Applications are processed in the order received. If the application is postmarked or received 30 days or more before the event, the application fee is **\$100**; otherwise the fee is **\$150**.

Due to the high volume of exempt applications, payment of additional fees prior to 30 days before your event will not expedite service, nor are telephone requests for expedited service accepted.

ORGANIZATION INFORMATION

Organization Name: East Grand Forks Fire Dept. Relief Association Previous Gambling Permit Number: 06064

Minnesota Tax ID Number, if any: 802-1749 Federal Employer ID Number (FEIN), if any: 416-02-3679

Mailing Address: 415 4th St NW

City: East Grand Forks State: MN Zip: 56721 County: Polk

Name of Chief Executive Officer (CEO): Austin Skjei

CEO Daytime Phone: 218-280-0049 CEO Email: skjei99@hotmail.com
(permit will be emailed to this email address unless otherwise indicated below)

Email permit to (if other than the CEO): _____

NONPROFIT STATUS

Type of Nonprofit Organization (check one):

Fraternal Religious Veterans Other Nonprofit Organization

Attach a copy of one of the following showing proof of nonprofit status:

(DO NOT attach a sales tax exempt status or federal employer ID number, as they are not proof of nonprofit status.)

A current calendar year Certificate of Good Standing
Don't have a copy? Obtain this certificate from:
MN Secretary of State, Business Services Division Secretary of State website, phone numbers:
60 Empire Drive, Suite 100 www.sos.state.mn.us
St. Paul, MN 55103 651-296-2803, or toll free 1-877-551-6767

IRS income tax exemption (501(c)) letter in your organization's name
Don't have a copy? To obtain a copy of your federal income tax exempt letter, have an organization officer contact the IRS toll free at 1-877-829-5500.

IRS - Affiliate of national, statewide, or international parent nonprofit organization (charter)
If your organization falls under a parent organization, attach copies of both of the following:
1. IRS letter showing your parent organization is a nonprofit 501(c) organization with a group ruling; and
2. the charter or letter from your parent organization recognizing your organization as a subordinate.

GAMBLING PREMISES INFORMATION

Name of premises where the gambling event will be conducted (for raffles, list the site where the drawing will take place): VFW Club East Grand Forks MN

Physical Address (do not use P.O. box): 312 Demers Ave. EGF, MN 56721

Check one:
 City: East Grand Forks Zip: 56721 County: Polk
 Township: _____ Zip: _____ County: _____

Date(s) of activity (for raffles, indicate the date of the drawing): June 11th 2022

Check each type of gambling activity that your organization will conduct:

Bingo Paddlewheels Pull-Tabs Tipboards Raffle

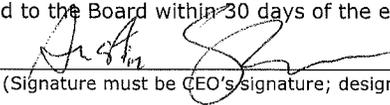
Gambling equipment for bingo paper, bingo boards, raffle boards, paddlewheels, pull-tabs, and tipboards must be obtained from a distributor licensed by the Minnesota Gambling Control Board. EXCEPTION: Bingo hard cards and bingo ball selection devices may be borrowed from another organization authorized to conduct bingo. To find a licensed distributor, go to www.mn.gov/gcb and click on **Distributors** under the **List of Licensees** tab, or call 651-539-1900.

LOCAL UNIT OF GOVERNMENT ACKNOWLEDGMENT (required before submitting application to the Minnesota Gambling Control Board)

<p style="text-align: center;">CITY APPROVAL for a gambling premises located within city limits</p> <p><input type="checkbox"/> The application is acknowledged with no waiting period.</p> <p><input type="checkbox"/> The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days (60 days for a 1st class city).</p> <p><input type="checkbox"/> The application is denied.</p> <p>Print City Name: <u>East Grand Forks MN</u></p> <p>Signature of City Personnel: _____</p> <p>_____</p> <p>Title: _____ Date: _____</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 10px;"> <p>The city or county must sign before submitting application to the Gambling Control Board.</p> </div>	<p style="text-align: center;">COUNTY APPROVAL for a gambling premises located in a township</p> <p><input type="checkbox"/> The application is acknowledged with no waiting period.</p> <p><input type="checkbox"/> The application is acknowledged with a 30-day waiting period, and allows the Board to issue a permit after 30 days.</p> <p><input type="checkbox"/> The application is denied.</p> <p>Print County Name: _____</p> <p>Signature of County Personnel: _____</p> <p>_____</p> <p>Title: _____ Date: _____</p> <p>TOWNSHIP (if required by the county) On behalf of the township, I acknowledge that the organization is applying for exempted gambling activity within the township limits. (A township has no statutory authority to approve or deny an application, per Minn. Statutes, section 349.213.)</p> <p>Print Township Name: _____</p> <p>Signature of Township Officer: _____</p> <p>_____</p> <p>Title: _____ Date: _____</p>
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CHIEF EXECUTIVE OFFICER'S SIGNATURE (required)

The information provided in this application is complete and accurate to the best of my knowledge. I acknowledge that the financial report will be completed and returned to the Board within 30 days of the event date.

Chief Executive Officer's Signature:  Date: 2-20-22

(Signature must be CEO's signature; designee may not sign)

Print Name: _____

REQUIREMENTS	MAIL APPLICATION AND ATTACHMENTS
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<p>Complete a separate application for:</p> <ul style="list-style-type: none"> • all gambling conducted on two or more consecutive days; or • all gambling conducted on one day. <p>Only one application is required if one or more raffle drawings are conducted on the same day.</p> <p>Financial report to be completed within 30 days after the gambling activity is done: A financial report form will be mailed with your permit. Complete and return the financial report form to the Gambling Control Board.</p> <p>Your organization must keep all exempt records and reports for 3-1/2 years (Minn. Statutes, section 349.166, subd. 2(f)).</p>	<p>Mail application with:</p> <p>_____ a copy of your proof of nonprofit status; and</p> <p>_____ application fee (non-refundable). If the application is postmarked or received 30 days or more before the event, the application fee is \$100; otherwise the fee is \$150. Make check payable to State of Minnesota.</p> <p>To: Minnesota Gambling Control Board 1711 West County Road B, Suite 300 South Roseville, MN 55113</p> <p>Questions? Call the Licensing Section of the Gambling Control Board at 651-539-1900.</p>
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<p>Data privacy notice: The information requested on this form (and any attachments) will be used by the Gambling Control Board (Board) to determine your organization's qualifications to be involved in lawful gambling activities in Minnesota. Your organization has the right to refuse to supply the information; however, if your organization refuses to supply this information, the Board may not be able to determine your organization's qualifications and, as a consequence, may refuse to issue a permit. If your organization supplies the information requested, the Board will be able to process the</p>	<p>application. Your organization's name and address will be public information when received by the Board. All other information provided will be private data about your organization until the Board issues the permit. When the Board issues the permit, all information provided will become public. If the Board does not issue a permit, all information provided remains private, with the exception of your organization's name and address which will remain public. Private data about your organization are available to Board members, Board staff whose work requires access to the information; Minnesota's Depart-</p>	<p>ment of Public Safety; Attorney General; Commissioners of Administration, Minnesota Management & Budget, and Revenue; Legislative Auditor, national and international gambling regulatory agencies; anyone pursuant to court order; other individuals and agencies specifically authorized by state or federal law to have access to the information; individuals and agencies for which law or legal order authorizes a new use or sharing of information after this notice was given; and anyone with your written consent.</p>
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This form will be made available in alternative format (i.e. large print, braille) upon request.

Request for Council Action

Date: February 16, 2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Brian Larson, Tim Johnson, and Marc Demers

Cc: File

From: Steve Emery, P.E.

RE: File Plans & Specifications – 2022 AJ No. 1 – Utilities & Street Reconstruction
5th Avenue & 20th Street NW

Background:

We have completed and are filing Plans and Specifications with the City for the above project and we are requesting authorization to proceed with Advertising for Bids and setting a Bid Date.

Project Funding

Assessments
Enterprise Funds

Recommendation:

Authorize Widseth to proceed with Advertising of the project.
Set Bid Date for 10:00 A.M. on March 29, 2022

Enclosures:

None

RESOLUTION NO. 22 – 02 - 18

**RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND ORDERING
ADVERTISEMENT FOR BIDS FOR 2022 ASSESSMENT JOB NO. 1 – UTILITIES & STREET
RECONSTRUCTION – 5TH AVENUE NW & 20TH STREET NW**

Council Member _____, supported by Council Member _____, introduced the following resolution and moved its adoption:

WHEREAS, the City Council has directed the City Engineers to prepare plans and specifications for the improvement of 2022 Assessment Job No. 1 – Utilities & Street Reconstruction;

WHEREAS, the City Engineer has presented such plans and specifications to the Council for approval;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF EAST GRAND FORKS, MINNESOTA:

1. Such plans and specifications, a copy of which is attached hereto and made a part hereof, are hereby approved.
2. The City Administrator shall prepare and cause to be inserted in the official paper and in the *Quest CND* an advertisement for bids upon the making of such improvement under such approved plans and specifications. The advertisement shall be published for 21 days, shall specify the work to be done, shall state that bids will be received by the Administration Office until 10am on March 29, 2022, at which time they will be publicly opened in the council chambers of the city hall by the city engineer, will then be tabulated, and will be considered by the Council at 5:00pm on April 5, 2022 in the council chambers at city hall. Any bidder whose responsibility is questioned during consideration of the bid will be given an opportunity to address the council on the issue of responsibility. No bids will be considered unless sealed and filed with the Administration Office and accompanied by a cash deposit, cashier’s check, bid bond or certified check payable to the City of East Grand Forks for five percent (5%) of the amount of such bid.

Voting Aye:
Voting Nay:
Absent:

The President declared the resolution passed.

Passed: February 28, 2022

Attest:

City Administrator

President of Council

I hereby approve the foregoing resolution this 28th day of February, 2022.

Mayor

Minutes of the regular meeting of the Water, Light, Power and Building Commission of the City of East Grand Forks, Minnesota held on February 2, 2022 at 8:00 am in the City Council Chambers.

Present: Beauchamp, Grinde, Quirk (remote), DeMers

Absent: None

Also present: Keith Mykleseth, Ron Galstad, Brian Johnson, Todd Grabanski, Steve Emery, Todd Forster, Brianna Feil, Kevin Hatcher, Corey Thompson and Tyler Tretter.

It was moved by Commissioner Grinde seconded by Commissioner DeMers that the minutes of the previous regular meeting of January 19, 2022 be approved as read.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Quirk seconded by Commissioner Grinde to authorize the Secretary to issue payment of the recommended bills and payroll in the amount of \$558,511.55.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Grinde seconded by Commissioner DeMers to reject the bid from Fergusson Waterworks for the 2022 Water Meter Replacement Project and re-advertise for the project.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner DeMers seconded by Commissioner Grinde to approve the quote from Electro Watchman for the Access Control System at the DSC for \$26,341; recommend other City Departments to consider the same access control; and \$854 for upgrades to higher security readers.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Grinde seconded by Commissioner DeMers to approve hiring Tyler Tretter as Distribution System Foreman effective 2-2-22 at the step 2 rate of \$43.12/hour on the 2022 Wage Scale.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner DeMers seconded by Commissioner Grinde to approve the Average Retail Energy rates and MMPA Distributive Generation Avoided Cost Rates; file and publish the updates.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Quirk seconded by Commissioner DeMers to approve the Resolution on the 2022 Hydrant fees.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

It was moved by Commissioner Grinde seconded by Commissioner DeMers to adjourn at 8:39 am to the next regular meeting on February 16, 2022 at 8:00 am to be held in the City Council Chambers.

Voting Aye: Beauchamp, Grinde, Quirk, DeMers

Voting Nay: None

Kevin Hatcher
Energy/Customer Service Specialist

Request for Council Action

Date: 2/24/2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council members Clarence Vetter, Dale Helms, Tim Johnson, Marc DeMers, and Brian Larson.

Cc: File

From: Michael S. Hedlund – Chief of Police

RE: Request to Purchase a UTV - Updated

Background:

The 2022 budget for the City of East Grand Forks included \$14,000.00 for a UTV for the East Grand Forks Police Department. Our plans for this vehicle include proactive patrol and emergency response in the Greenway, being utilized by officers setting up for special events (hauling traffic cones or other equipment) and patrol during a variety of community events. There is currently State Bid pricing for Polaris UTV's through Lakes Area PowerSports (Walker, MN) and John Deere UTV's through RDO Equipment. The attached quotation from RDO includes information on two UTV's with the difference being that one has Power Steering and one does not. We would prefer to get a UTV that has power steering. When comparing the John Deere UTV that has power steering and the Polaris UTV (which also has power steering) the vehicles are very similar in almost every aspect. Each company was provided a copy of the section of the EGF City Code that lists the required equipment for a UTV to be used within the city limits of East Grand Forks and the UTV's have been quoted to include this required equipment. The Polaris UTV had a final quote of \$14,593.64 and the John Deere UTV (with power steering) had a final quote of \$15,093.27.

Following the EGF City Council Work Session on 2/22/2022 I spoke with Council Member Brian Larson who suggested that I also request quotes for the UTV's that included hard doors and a heating unit to make the UTV more usable in the Winter months. I subsequently forwarded that request to both Lakes Area PowerSports and RDO Equipment. In addition I was also contacted by True North Equipment Co. with a request that they also be allowed to submit a quote for the UTV. I advised them of the request for the additional equipment and asked that they submit quotes for both options if they chose to do so. True North also sells the John Deere UTV's like RDO Equipment. The new quotes were as follows:

Lakes Area PowerSports – Lakes Area provided two new bids. The first is for a 2022 Polaris Ranger SP 570 NorthStar Edition at \$17,773.69. This unit comes with an enclosed cab with heating and a winch. The second is the 2022 Polaris Ranger SP 570 EPS Premium as described above with full doors (enclosed cab) and a heater added. This cost is \$18,298.94. A winch would be an extra cost.

RDO Equipment – The 2022 John Deere Gator as previously listed with the addition of hard doors (enclosed cab), heat and a winch (making it comparable to the Polaris NorthStar Edition) was quoted at \$21,090.62.

True North Equipment – True North provided two bids. The first is a John Deere UTV outfitted similarly to the original RDO bid with a quoted price of \$13,825.00. This is the lowest quote for the base UTV without Heat or hard sides. The second bid includes the hard sides (enclosed cab), heat and a winch. The quote was for \$20,550.00.

Our Department has used Guardian Fleet Safety for our police car outfitting and we would like to use them to provide lights and siren for the UTV as well. Their quoted price for emergency lights and siren for the UTV would be \$2,041.89.

Recommendations:

~~To approve the purchase of one 2022 Polaris Ranger SP 570 EPS Premium UTV from Lakes Area PowerSports with emergency lighting and siren added on by Guardian Fleet Safety with the funding coming from the East Grand Forks Police Department Equipment budget. The total cost for this project (as is being recommended) would be \$16,635.53.~~

I have revised my recommendation based on the new information and am requesting that the EGFPD be authorized to order the 2022 Polaris Ranger SP 570 NorthStar Edition UTV with lights and siren by Guardian Fleet Supply. The total cost would be \$19,815.58.

Budgetary Impact:

Our 2022 Capital Improvement Budget included \$14,000.00 for a UTV. This project has come in over budget as listed above. The EGFPD recently purchased an unmarked police vehicle for use by EGFPD Investigations staff. We traded in several out of service police vehicles towards that vehicle and our final cash price wound up approx. \$15,000.00 under the \$35,000.00 that had been budgeted for this item. We could pay this extra amount out of the Equipment line item from the Police Department Budget since we are well under budget in that line.

Enclosures:

- 1) Quote from Lakes Area PowerSports (Walker, MN) for a 2022 Polaris Ranger SP 570 EPS Premium
- 2) Quote from RDO Equipment (Moorhead, MN) for a 2022 John Deere Gator XUV590M
- 3) Quote from Guardian Fleet Supply for lights and siren for the UTV.
- 4) Quote for Winterized Polaris UTV's from Lakes Area PowerSports
- 5) Quote for Winterized John Deere UTV from RDO Equipment.
- 6) Quote for John Deere UTV from True North Equipment
- 7) Quote for Winterized John Deere UTV from True North Equipment

Q U O T A T I O N

LAKES AREA POWERSPORTS
 8322 STATE HIGHWAY 371 NW
 WALKER, MN 56484
 Phone #: (218)547-1558
 Fax #: (218)547-1508

PHONE #: (218)773-2283
 CELL #:
 ALT. #:
 P.O.#:
 TERMS: **Net 10th EOM**
 SALES TYPE: **Quote**

DATE: **2/2/2022**
 ORDER #: **37008**
 CUSTOMER #: **108616**
 CP: **LKUHLMAN**
 LOCATION: **1**
 STATUS: **Active**

BILL TO 108616

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

SHIP TO

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

MFR	PRODUCT NUMBER	DESCRIPTION	QTY	PRICE	NET	TOTAL
POL	R22MAE57B5	2022 Polaris Ranger SP 570 EPS Premium, Polaris Blue	1	\$14,114.00	\$14,114.00	\$14,114.00
POL	REBATE	STATE CONTRACT DISC	1	\$0.00	-\$2,117.10	(\$2,117.10)
****	DOC FEE	Doc Fee	1	\$153.00	\$153.00	\$153.00
POL	2885080	K-ACCY WNDGLD, GLS L&R	1	\$741.59	\$667.43	\$667.43
POL	2879965	K-RR PNL, GLS, RGT	1	\$339.89	\$305.90	\$305.90
POL	2885077	K-ACCY ROOF POLY, SPORT(2)	1	\$319.29	\$287.36	\$287.36
POL	2889187	K-ACCY, MIRROR, REARVIEW	1	\$66.94	\$60.25	\$60.25
****	LABOR	LABOR	0.5	\$125.00	\$125.00	\$62.50
****	PU-DELIVERY	DELIVERY FEE PER MILE TO GRAND FORKS	146	\$2.25	\$2.25	\$328.50
MISC	TK21-2-1	TURN SIGNAL KIT FOR 2022 RANGER SP 570, W/ HAZARD LIGHT	1	\$299.99	\$299.99	\$299.99
POL	2889160	K-ACCY, HORN	1	\$97.84	\$88.06	\$88.06
****	LABOR	LABOR	2.75	\$125.00	\$125.00	\$343.75

Prices are subject to change if the program or promotions under which the quote was prepared are no longer in effect by the manufacturer.

Prices may also be subject to changed based on manufacturer price increases and surcharges.

By signing this quote you are agreeing to this sale and acknowledge that your deposit is non-refundable.

SUBTOTAL:	\$14,593.64
TAX:	\$0.00
ORDER TOTAL:	<u>\$14,593.64</u>

RANGER SP 570 Features

GREAT FOR WORK

There's always another job to do around the property. The RANGER SP 570 comes standard with a versatile cargo box and makes it easy for you to load and unload supplies for the job.



Powerful ProStar 570 Engine

Take advantage of the class-leading 44 horsepower ProStar 570 engine that delivers confidence and ease when towing or hauling heavy loads around the property.



Impressive Towing Capability

Work harder and get projects done faster in fewer trips with class-leading 1,500 lb towing capacity.



500 lb Gas-Assist Dump Box

Haul more cargo, take less trips, and unload cargo with ease thanks to the class-leading dump box volume featuring a single lever tailgate and gas assist dump box.



VersaTrac Turf Mode

For work around the house, engage Turf Mode to unlock the rear differential for easier and tighter turns that are easy on your lawn.





True On-Demand All Wheel Drive

Get power to all four wheels when traction loss is detected for instant traction in rough or slippery terrain.



Standard 2" Hitch Receiver

Connect your trailer to your RANGER with the standard 2" hitch receiver.

FUN TO RIDE

The new RANGER SP 570 is easy to handle, smooth-riding, and features true on-demand AWD for instant traction to keep you having fun while riding with the family.



Smooth Riding Suspension

Class-leading 9" Front / 10" Rear suspension travel offers a smooth, comfortable ride over the toughest terrain for all-day ride comfort.



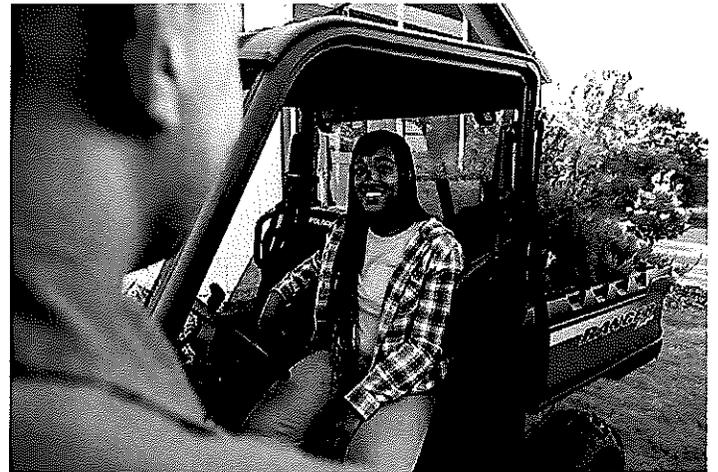
Ground Clearance

Ride over obstacles and take on tough terrain with class-leading 11" ground clearance and durable, 25" 4-ply tires.



Integrated In-Cab Storage

Store tools, supplies, and riding gear with an available, class-



Spacious and Comfortable Interior

Get all-day ride comfort with 2" more legroom for easier entry

leading 19.8 gallons of in-cab storage, including a cell phone holder for maximum convenience.

and exit and redesigned seating for maximum in-cab comfort.



Full-Body Skid Plate and Large Front Bumper

Get added protection to fend off rocks and stumps and protect the machine with a full underbody skid-plate and full-coverage front bumper.



Available Seating for 4

Take friends and family along for the ride with an extra row of seating in the RANGER CREW SP 570.

[Explore CREW](#)

PERFECT FIT

If you're looking for a machine that's just the right size, with the right features, at the right price, nothing beats a RANGER SP 570.



Compact 56" Width

Ride on tighter trails, navigate small spaces, and easily store and transport with the compact 56" width.



Tight Turning Radius

Easily maneuver tight trails and small spaces in the yard with a tighter 12.7' turning radius.





Sealed Suspension Bushings/Bearings

Keep mud, dirt, and water out so your machine runs quieter and enjoy hassle-free maintenance with new sealed suspension bushings and bearings.



9.5 Gallon Fuel Capacity

More fuel capacity so you can spend more time on the trails or working around the property and less time at the pump.



Clutch Upgrades

The clutch system has been upsized and retuned providing strength and improved low speed drivability.



660W Stator and Upgraded Battery

An upgraded 575cca battery, 660W stator and Polaris Pulse Electrical system deliver enhanced charging, more confident starting, and the ability to easily run more accessories for added work and play capability.



[Compare RANGER Models](#)



[Inventory Search](#)



[View Special Offers](#)



[Estimate Trade-In](#)



[Shop Accessories](#)

* Manufacturer's suggested retail price (MSRP) subject to change. The MSRP is subject to a potential maximum increase of 5% for pre-ordered vehicles that ship after March 31, 2022. MSRP also excludes destination and handling fees, tax, title, license and registration. Dealer prices may vary.

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Enter City, State or Zip Code

55126

Search

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Show dealers that offer online service scheduling

<p>TOUSLEY MOTORSPORTS</p>  <p>5 Mi 1400 COUNTY RD E E WHITE BEAR LAKE, MN 55110</p> <p> 651-483-8296</p> <p> Map & Directions</p> <p> Dealer Website</p> <p>See Inventory</p>	<p>CHOPPER CITY SPORTS</p>  <p>5.4 Mi 7191 HWY 65 NE FRIDLEY, MN 55432</p> <p> 763-572-2100</p> <p> Map & Directions</p> <p> Dealer Website</p> <p> Schedule Service</p> <p>See Inventory</p>	<p>POWER LODGE</p>  <p>17.9 Mi 6781 W HWY 10 RAMSEY, MN 55303</p> <p> 763-576-1706</p> <p> Map & Directions</p> <p> Dealer Website</p> <p> Schedule Service</p> <p>See Inventory</p>	<p>NORTHWAY SPORTS</p>  <p>20.1 Mi 21429 ULYSSES ST NE EAST BETHEL, MN 55011</p> <p> 763-413-8988</p> <p> Map & Directions </p> <p> Dealer Website</p> <p>See Inventory</p>
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Listen to The Polaris Podcast



Vehicles

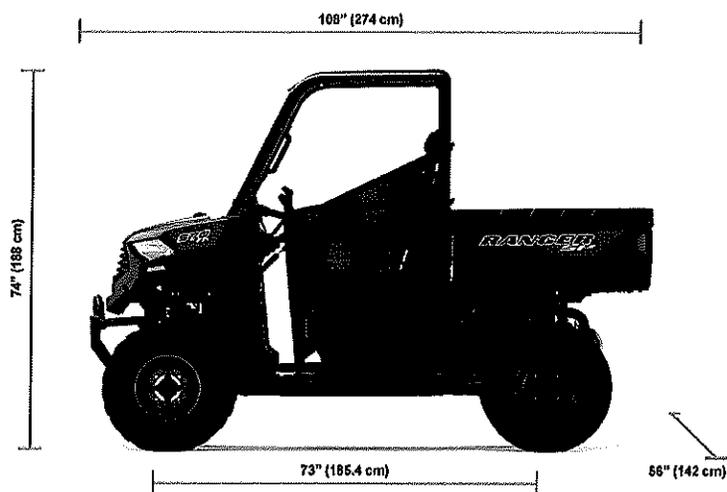


Resources



RANGER SP 570 Sagebrush Green

RANGER



Key Specifications

44

HP

56"

WIDTH

11"

GROUND CLEARANCE

Engine & Drivetrain

Cooling	Liquid
Cylinders Displacement	567cc
Drive System Type	On-Demand True AWD/2WD/VersaTrac Turf Mode
Engine Braking System (EBS)	Not Equipped
Engine Type	4-Stroke Single Cylinder DOHC
Fuel System/Battery	Electronic Fuel Injection
Horsepower	44 HP
Transmission/Final Drive	Automatic PVT H/L/N/R/P; Shaft

Dimensions

Bed Box Dimensions (L x W x H)	33.3 x 48.7 x 12.3 in
Box Capacity	500 lb (226.8 kg)
Dry Weight	1,139 lbs
Fuel Capacity	9.5 gal (35.9 L)
Ground Clearance	11 in (27.9 cm)
GVW	2,255 lbs.
Hitch Towing Rating	1,500 lb (680 kg)
Hitch Type	Standard 2 in (5.08 cm) Receiver
Overall Vehicle Size (L x W x H)	108 x 56 x 74 in. (274.3 x 142.2 x 188 cm)
Payload Capacity	1,000 lb (453.6 kg)
Person Capacity	2
Wheelbase	73 in (185.4 cm)

Brakes

Front/Rear Brakes	4-Wheel Hydraulic Disc
Parking Brake	Park In-Transmission

Additional Specifications

Cargo System	Lock & Ride
Color / Graphics	Sagebrush Green
Electronic Power Steering	Not Equipped
Instrumentation	4" LCD Rider Information Center: User Selectable Blue/Red Backlighting & Brightness, Programmable Service Intervals, Speedometer, Tachometer, Odometer, Tripmeter, Clock, Hour Meter, Gear Indicator, Fuel Gauge, Coolant Temperature, Voltmeter, Service Indicator and Codes, Seat Belt Reminder, DC Outlet
Lighting	55W Headlights, LED Tail
Other Standard Features	Standard In-Dash SAE Charge Port
Tilt Steering	Standard

Tires / Wheels

Front Tires	25 x 8-12; Carlisle 489
Rear Tires	25 x 10-12; Carlisle 489
Tire Ply Rating	4 Ply Rated
Wheels	Stamped Steel

Suspension

Front Suspension	MacPherson Strut 9 in (22.9 cm) Travel
Rear Suspension	Dual A-Arm, IRS 10 in (25.4 cm) Travel
Turning Radius	12.7 ft

Quotes are valid for 30 days from the creation date of the quote OR until the contract expires.

A Purchase Order or Letter of Intent is required for all orders.

To expedite the delivery of equipment, the below information must be included on your Purchase Order or Letter of Intent.

For any questions, please contact:

Kipp Anderson

RDO Equipment Co.
2960 34th Street South
Moorhead, MN 56560

Tel: 701-526-2200

Fax: 701-520-2201

Email: ktanderson@rdoequipment.com

- Vendor: Deere & Company
- 2000 John Deere Run
Cary, NC 27513
 - Signature
 - Shipping address
 - Billing address
 - Billing email address

If information is not included, the Purchase Order or Letter of Intent will be returned.

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

RDO Equipment Co.
 2960 34th Street South
 Moorhead, MN 56560
 701-526-2200
 act-far@rdoequipment.com

Quote Summary

Prepared For:
 EAST GRAND FORKS POLICE DEPARTMENT
 520 DEMERS AVE
 EAST GRAND FORKS, MN 56721

Delivering Dealer:
RDO Equipment Co.
 Kipp Anderson
 2960 34th Street South
 Moorhead, MN 56560
 Phone: 701-526-2200
 ktanderson@rdoequipment.com

Quote ID: 26019816
Created On: 03 February 2022
Last Modified On: 08 February 2022
Expiration Date: 03 March 2022

Equipment Summary	Selling Price	Qty	=	Extended
JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022) Contract: Sourcewell Grounds Maintenance 031121-DAC (PG NB CG 70) Price Effective Date: February 7, 2022	\$ 15,093.27	1	=	\$ 15,093.27
JOHN DEERE GATOR™ XUV590E (Model Year 2022) Contract: Sourcewell Grounds Maintenance 031121-DAC (PG NB CG 70) Price Effective Date: February 7, 2022	\$ 13,932.27	1	=	\$ 13,932.27
Equipment Total				\$ 29,025.54

* Includes Fees and Non-contract items

Quote Summary	
Equipment Total	\$ 29,025.54
Trade In	
SubTotal	\$ 29,025.54
Est. Service Agreement Tax	\$ 0.00
Total	\$ 29,025.54
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 29,025.54

Salesperson : X _____

Accepted By : X _____



JOHN DEERE

**ALL PURCHASE ORDERS MUST BE MADE OUT
TO (VENDOR):**

Deere & Company
2000 John Deere Run
Cary, NC 27513
FED ID: 36-2382580; DUNS#: 60-7690989

**ALL PURCHASE ORDERS MUST BE SENT
TO DELIVERING DEALER:**

RDO Equipment Co.
2960 34th Street South
Moorhead, MN 56560
701-526-2200
act-far@rdoequipment.com

Salesperson : X _____

Accepted By : X _____

Selling Equipment

Quote Id: 26019816 Customer Name: EAST GRAND FORKS POLICE DEPARTMENT

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

RDO Equipment Co.
 2960 34th Street South
 Moorhead, MN 56560
 701-526-2200
 act-far@rdoequipment.com

JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year

Hours:

Stock Number:

Contract: Sourcewell Grounds Maintenance 031121-DAC **Selling Price ***
 (PG NB CG 70) \$ 15,093.27

Price Effective Date: February 7, 2022

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
592DM	GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	1	\$ 13,449.00	14.00	\$ 1,882.86	\$ 11,566.14	\$ 11,566.14
Standard Options - Per Unit							
001A	US / CANADA	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
0505	Build to Order	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
1028	26" Maxxis Bighorn 2.0 extreme terrain radial tires on 14" Black Steel Wheels	1	\$ 538.00	14.00	\$ 75.32	\$ 462.68	\$ 462.68
2007	Bench Seat - Black	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2302	Standard Tenneco Twin Tube Shock	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2350	Park Position in Transmission	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2501	Olive & Black	1	\$ 108.00	14.00	\$ 15.12	\$ 92.88	\$ 92.88
3100	Manual Lift	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
4003	OPS with Half Doors & Brake/Taillights	1	\$ 501.00	14.00	\$ 70.14	\$ 430.86	\$ 430.86
4030	Black Roof	1	\$ 389.00	14.00	\$ 54.46	\$ 334.54	\$ 334.54
4143	Front Brush Guard and Rear Bumper	1	\$ 589.00	14.00	\$ 82.46	\$ 506.54	\$ 506.54
6349	Less Winch Package	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
Standard Options Total			\$ 2,125.00		\$ 297.50	\$ 1,827.50	\$ 1,827.50
Dealer Attachments/Non-Contract/Open Market							
BM23373	Full No-Scratch Flip-Open Windshield	1	\$ 695.50	14.00	\$ 97.37	\$ 598.13	\$ 598.13
BM23370	Horn Kit	1	\$ 115.56	14.00	\$ 16.18	\$ 99.38	\$ 99.38

Selling Equipment

Quote Id: 26019816 **Customer Name:** EAST GRAND FORKS POLICE DEPARTMENT

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

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RDO Equipment Co.
 2960 34th Street South
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BM25148	Occupant Protective Structure (OPS) Rear View Mirror	1	\$ 101.66	14.00	\$ 14.23	\$ 87.43	\$ 87.43
BM24737	Occupant Protective Structure (OPS) Side Mirrors	1	\$ 221.49	14.00	\$ 31.01	\$ 190.48	\$ 190.48
BM25553	Beacon Light	1	\$ 257.87	14.00	\$ 36.10	\$ 221.77	\$ 221.77
BM26182	Beacon Light Harness Kit	1	\$ 78.11	14.00	\$ 10.94	\$ 67.17	\$ 67.17
BUC10790	Turn Signal Kit	1	\$ 350.96	14.00	\$ 49.13	\$ 301.83	\$ 301.83
BM26183	Turn Signal Light Harness Kit	1	\$ 155.16	14.00	\$ 21.72	\$ 133.44	\$ 133.44
Dealer Attachments Total			\$ 1,976.31		\$ 276.68	\$ 1,699.63	\$ 1,699.63
Value Added Services Total			\$ 0.00			\$ 0.00	\$ 0.00
Total Selling Price			\$ 17,550.31		\$ 2,457.04	\$ 15,093.27	\$ 15,093.27

JOHN DEERE GATOR™ XUV590E (Model Year 2022)

Equipment Notes:

Hours:

Stock Number:

Selling Price *

Contract: Sourcewell Grounds Maintenance 031121-DAC
 (PG NB CG 70)

\$ 13,932.27

Price Effective Date: February 7, 2022

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
5908M	GATOR™ XUV590E (Model Year 2022)	1	\$ 12,099.00	14.00	\$ 1,693.86	\$ 10,405.14	\$ 10,405.14
Standard Options - Per Unit							
001A	US / CANADA	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
0505	Build to Order	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
1028	26" Maxxis Bighorn 2.0 extreme terrain radial tires on 14" Black Steel Wheels	1	\$ 538.00	14.00	\$ 75.32	\$ 462.68	\$ 462.68
2007	Bench Seat - Black	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2302	Standard Tenneco Twin Tube Shock	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00

Selling Equipment

Quote Id: 26019816 **Customer Name:** EAST GRAND FORKS POLICE DEPARTMENT

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

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 2000 John Deere Run
 Cary, NC 27513
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2501	Olive & Black	1	\$ 108.00	14.00	\$ 15.12	\$ 92.88	\$ 92.88
3100	Manual Lift	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
4003	OPS with Half Doors & Brake/Taillights	1	\$ 501.00	14.00	\$ 70.14	\$ 430.86	\$ 430.86
4030	Black Roof	1	\$ 389.00	14.00	\$ 54.46	\$ 334.54	\$ 334.54
4143	Front Brush Guard and Rear Bumper	1	\$ 589.00	14.00	\$ 82.46	\$ 506.54	\$ 506.54
Standard Options Total			\$ 2,125.00		\$ 297.50	\$ 1,827.50	\$ 1,827.50
Dealer Attachments/Non-Contract/Open Market							
BM23373	Full No-Scratch Flip-Open Windshield	1	\$ 695.50	14.00	\$ 97.37	\$ 598.13	\$ 598.13
BM23370	Horn Kit	1	\$ 115.56	14.00	\$ 16.18	\$ 99.38	\$ 99.38
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BM26183	Turn Signal Light Harness Kit	1	\$ 155.16	14.00	\$ 21.72	\$ 133.44	\$ 133.44
Dealer Attachments Total			\$ 1,976.31		\$ 276.68	\$ 1,699.63	\$ 1,699.63
Value Added Services Total			\$ 0.00			\$ 0.00	\$ 0.00
Total Selling Price			\$ 16,200.31		\$ 2,268.04	\$ 13,932.27	\$ 13,932.27

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

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2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)

Cargo box and storage

Large, extra-durable, one-piece cargo box ensures hard-driving performance and longevity

The cargo box consists of a high-density polyethylene copolymer composite material that eliminates rust, dents, and reduces noise. This large, one-piece design has rounded inside corners to ensure material removal when tilted. The composite box is highly ribbed and supported with a welded, steel-ladder structure to ensure hard-driving performance and longevity. The three highly styled exterior pieces are made of TPO for extra durability.

Cargo box tailgate



Tailgate handle

Tailgate pivot and removal feature



Removable lanyards

The tailgate can be opened or removed for easier cleanout and to carry longer items. It features truck-like performance and can be operated with one hand.

The tailgate's pivot point is made of hardened steel for durability and designed for tool-free removal. The standard lanyards can also be disconnected without tools to remove the tailgate for convenient loading and unloading tasks.

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Cargo box tilt and removal

The cargo box ease of use is critical to performing tasks quickly and efficiently. Starting with the truck-style tailgate, the removal of content in this cargo box could not be easier. The manual release also functions as the lift lever, done in a smooth, one-step motion. It can even be tilted from both sides of the vehicle. To reduce the overall effort of lift, the pivot point of the cargo box is closer to the center. The combination of easy-to-use attributes makes this cargo box best-in-class.

For servicing the vehicle's systems, the cargo box is easily removable. With the removal of two bolts, the cargo box can easily be detached from the vehicle frame.



Integrated handle for manual cargo box tilt (both sides)



Tilted cargo box

Integrated tie-down points

The cargo box offers integrated tie-down points for increased versatility. Tie-down points are located in the following areas:

- Flip-up D-shaped rings in all four corners inside the cargo box bed
- Multiple points along the edge of the cargo box side walls
- Tie-down bars on either side of the cargo box with optional cargo box rail kit. This kit also provides a mounting system using accessories that possess the 25.4-mm (1-in.) quick clamp.



Integrated tie-down point in cargo box bed



Additional tie-down points

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Optional accessories



Cargo box rail system



Box mat



Cargo box wall extensions
(shown on RSX)

Optional accessories for the cargo box include (see price pages or JDConfigurator for complete list):

- Cargo box rail system
- Cargo box mat
- Cargo box wall extensions
- Spare tire rack
- Bucket holder

Specifications

Length	82 cm (32.3 in.)
Width	120.9 cm (47.6 in.)
Depth	29.7 cm (11.7 in.)
Volume	0.25 m ³ (8.9 cu ft)
Weight capacity	227 kg (500 lb)
Dump angle	45 degrees
Bed height (from ground)	76.3 cm (30 in.)

CAUTION: Carrying extra-long cargo that extends beyond the box can adversely affect stability.

Key Features

Occupant protective structure (OPS) and occupant side retention (OSR)



XUV590 with OSR nets

A dynamically stable vehicle starts with the architectural design; the Gator™ XUV Crossover Series has a low center of gravity, a wide stance, and balance of weight between the front and rear axles.

The combination leads to a class-leading static stability factor (SSF) and passing a multitude of dynamic stability tests.

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OPS



Standard OPS

Standard OPS with three-point seat belts and OSR nets are shown on the XUV560E.

The OPS is Society of Automotive Engineers (SAE) J2194 certified.

OSR

Meets American National Standards Institute (ANSI) B71.9 certification

- One-handed operation
- Easy entry/exit
- Great visibility



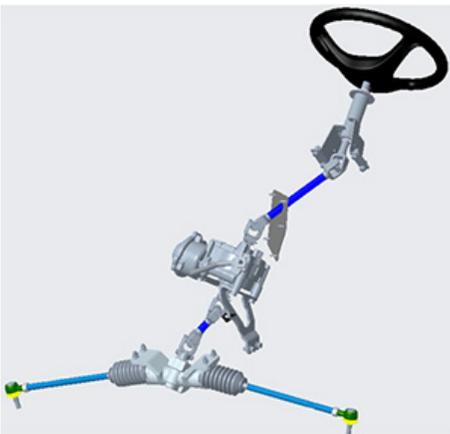
OSR nets (available on XUV560 & XUV590)



OSR doors (compatible with all XUV590 two-passenger models)

Key Features

Power steering for excellent handling characteristics and low steering effort



The Gator™ XUV590M Utility Vehicles are equipped with rack and pinion steering with power steering. These automotive-type systems exhibit excellent handling characteristics, as well as responsive steering and low steering effort.

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XUV590M with power steering

Automotive-type, rack-and-pinion steering features include:

Optional electric power-assist steering (EPAS) system. Features of EPAS include:

- Anti-kickback feature reduces the amount of steering unwinding when traversing difficult terrain.
- The system is speed sensing and adjusts steering effort as the speed of the vehicle changes.
 - As speed increases there is less steering assist for improved road feel.
 - As speed decreases steering assist increases to give lower steering efforts for improved maneuverability.
- A warning/functional light on the instrument panel provides self-diagnostics and a warning light in the situation of no assist.
- Torque sensor measures steering wheel input so the on-board computer can provide the appropriate output for various driving situations.
 - Steel ball-bearings secure the steering shaft and delivers smooth, responsive operation
 - Tight turn radius of 3.7 m (12.3 ft) for excellent maneuverability
 - Completely sealed rack-and-pinion for long life
 - Low steering ratio (lock-to-lock steering wheel rotations) provides more responsive steering and less operator input
 - Shaft U-joints are phased for a smooth, uninterrupted motion of the steering wheel
 - Ackerman steering design provides more responsive steering, decreases tire wear when used on hard surfaces and is turf friendly (see description below)
 - Minimal bump steer eliminates unintended vehicle direction changes when traversing terrain and permits less feedback to the steering wheel (see description below)

The tire scrubbing, which also creates unwanted heat and wear in the tire, can be eliminated by turning the inside wheel at a greater angle than the outside one (Ackerman steering).

NOTE: Some competitors use parallel steering instead of Ackerman steering.

Bump steering defines the change in the forward steering angle (thus wheel position) as the suspension travels through its full motion. A large amount of angular change (5 degrees to 7 degrees) will alter the vehicle's direction and excessively move the steering wheel.

Key Features

Designed for all-day comfort with many vehicle conveniences



S4 optional under-seat storage

- Display features include:
 - Speed
 - rpm
 - Fuel
 - Mechanical front-wheel drive (MFWD)/rear diff-lock
 - Gear position
 - Hour meter
 - Service interval warning light
- Operator-centric design provides class-leading ergonomics and comfortable seats
 - Easy entry/exit and pass through for operator and passenger
 - Optimal seating position provides more legroom
 - Automotive-like ergonomics
 - Excellent comfort while driving
- Best-in-class sealed storage volume of 34 L (9 gal.) with a large in-dash glove box and under hood storage. An additional 34 L (9 gal.) of under-seat storage is available on the S4 models.
 - Hinged hood rotates open without tools for access to storage
 - Side-by-side seating provides ample room for one operator and one passenger
 - Seats tilt forward for ease of service and to keep dry during outdoor storage
 - Two cup holders are located within reach of the operator's station

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- Standard 12-V direct current (VDC) outlet is conveniently located on the instrument panel
- Seven predrilled dash switch locations with snap out caps for various electrical accessories
- Occupant protective structure (OPS) with three-point seat belts and passenger side grab handle located on front post
- Start in gear, neutral, or park position for quick starting. The service brake must be engaged to start when in gear, neutral, or park.



Instrument panel and backlit switches



Sealed under-hood storage



Ergonomically placed controls



In-dash cup holders and sealed glove box

Key Features

Precision-engineered drive system optimizes acceleration, hauling, towing, and hill-climbing capabilities

Variable-speed drive



The variable-speed drive consists of two clutches and a drive belt:

- Drive clutch is attached to the engine.
- Driven clutch is attached to the transaxle.

Features include:

- Ability to creep along slowly to maneuver in tight spaces
- Standard full-clutch enclosure with a high intake and exhaust ensures a dry belt when crossing water
 - High-speed fan on drive clutch provides longer belt and clutch life by keeping components cool
- TEAM® industry clutches provide high performance and longevity

How the variable-speed drive works:

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Variable-speed drive
(shown on XUV590 engine)

- As engine speed increases, the spring-loaded drive clutch is closed by weights being forced out by centrifugal force.
- As the drive clutch closes, the belt rides up to the largest diameter of the drive clutch and forces open the driven clutch.
- With the belt running in the smallest diameter of the driven clutch, the speed being transferred to the transaxle is increased.
- The driven clutch is designed to sense varying loads (inclines, mud, etc.) and constantly adjusts drive speed upward or downward so that engine rpm remains optimal.

The Gator™ XUV Mid-Size Crossover Series Utility Vehicles have a precision-engineered drivetrain system that fully utilizes engine power, optimizing acceleration, hauling, towing, and hill-climbing capabilities. Power is transmitted from the engine through a continuously variable clutch system to the transaxle.

Key elements of the drive system include:

Four-wheel drive (4WD), transaxle, mechanical front-wheel drive (MFWD), and constant-velocity (CV) shafts

4WD

- Selectable 4WD system with a limited slip front differential and dash-mounted electronic rocker switch
 - Provides exceptional traction in challenging conditions
 - Maintains turf-friendly operation in two-wheel drive (2WD) mode
 - Combined with rear traction assist (differential lock), provides excellent traction in challenging conditions
 - More control descending hills with 4WD engaged, as all four wheels help slow the vehicle down
 - Clutch engagement still necessary to prevent free coasting

Transaxle

- Low, high, neutral, reverse, and park transaxle
- Automotive-style, integrated park position in transmission
- To shift out of park, service brake must be pressed to release the parking solenoid. An audible click will be heard and allows the vehicle to shift out of park into the desired gear.
- Low range for maximum torque delivered to the wheels for hauling, pushing, and pulling
- High range for maximum vehicle speed
- Cast-aluminum design for lower weight
- Helical forward and reverse gears are used for quiet operation
- Rear traction assist (differential lock) is controlled with an electronic rocker switch
 - *NOTE: Locked differential design may increase scuffing of the turf during turns because the rear wheels are turning at the same speed through a turn.*
- Contains gear-case for transferring power to the MFWD
- Splined shaft interfaces for maximum torque transfer and durability
- All drive gears machined from highest grade gear steel
- Vertically oriented oil drain for easy maintenance
- Protected by a skid plate

MFWD

- Electronically selectable by the operator
 - Offers limited slip functionality for precision steering and great traction while pointing and shooting out of a corner.
- Near instantaneous torque to the front wheels after engaging switch
- Vertically oriented oil drain for easy maintenance
- Protected by a steel skid plate and frame

Drive shafts

- Front and rear CV shaft diameter measures 23 mm (0.9 in.) and designed for high engine torque
 - Propshaft (transaxle to MFWD shaft) diameter measures 23.8 mm (0.94 in.) and designed for high engine torque
 - All CV shaft joints are maintenance free and protected by exclusive inboard and outboard thermoplastic elastomer (TPE) boots for durability. TPE material is more puncture resistant than neoprene, which is used by many competitors.
- TEAM is a trademark of TEAM Industries.

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XUV590 transaxle



XUV560/XUV590 MFWD

Operator station and controls

Well-designed digital instrument panel, lighting, and other electrical features



Digital instrument cluster



Fuse block



Back-lit dash switches



Optional speed limiter kit



The Gator™ XUV590E and XUV590M Crossover Series lineup is equipped with an automotive-style fused wiring and control system.

The system decreases troubleshooting and diagnostic time and drastically reduces attachment and accessory installation time.

The wiring and control system offers the following features:

- Digital instrument cluster displays critical vehicle information such as speed, engine rpm, fuel level, coolant temperature, trip, and odometer
- Two recessed headlights for nighttime visibility
 - Two outer halogen lights on XUV590E generating 75W of light provide wide-angle light dispersion
 - Two outer LED headlights on XUV590M

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Light-emitting diode (LED)
headlights on XUV590M

- Raw Lumen Output: 1075
- Nominal LED color temperature: 5000 K
- Dual beam headlights can be added by ordering the following attachments for XUV560E, XUV590E, XUV590M, and S4 models:
 - BM26589 – dual beam LED headlights, including three-position rocker switch
 - BUC10966 - front light harness kit
- Two inner pockets provide a mounting location for the front blinker/four-way flasher lights as part of the turn signal kit
- Automotive-style alternator provides up to 65-amp output
- Lead-acid battery provides 340 cold-cranking amps (CCA)
- Standard 12-V direct current (VDC) outlet is conveniently located on the instrument panel
- Automotive-style fuse block located under seat for easy access
 - Protects against electrical overload
- Optional speed limiter kit reduces the vehicle top speed to 45 km/h (28 mph) when turned on
- Prewired connectors inside dash and under the cargo box to aid accessory installation
- Start in gear, neutral, or park position for quick starting. The service brake must be engaged to start when in gear or neutral.
- XUV590M Utility Vehicles come prewired for a winch to greatly reduce winch install time. Components included in the winch-ready chassis:
 - Winch wiring harness
 - Winch disconnect wiring harness

Serviceability and support

Easy access to key service points

To encourage good maintenance behavior, the XUV Mid-Size Crossover Series Utility Vehicles were designed to access key service points to make maintenance easier.

Some key service points include:

- The hinged hood provides easy access to the underhood components.
- The engine air filter is located behind the seats and is removable without tools.
- Battery is conveniently located under the passenger seat with unobstructed access
- Remote air-intake filter canister is mounted high and between the seats
- Engine oil and transmission fluid fill points and dipsticks are located at the top of these key components, allowing easy access
 - The engine dipstick accessibility is between the lower seat belt anchors and behind a snap-in panel; cargo box contents can stay in place
- Engine oil filter is visible and accessible
- Frame, engine, transmission, and skid plate designs allow accessible drain points that will minimize spills
- Easy-to-remove cargo box provides access to the rear of the vehicle for inspection and service
- For covered areas such as the clutch enclosure, parts and panels have been designed to be removable

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Air and continuously variable transmission (CVT) intake



Underbody of XUV590

Engine

Fully isolated powertrain from vehicle chassis

The powertrain on the XUV590E and XUV590M is fully isolated from the main chassis to greatly reduce vehicle noise and vibration. The isolators are specifically designed to dampen the vibrations produced by the engine so they are not transferred to the operator station.



Isolated powertrain



Isolator

Engine

Delivers quick acceleration and provides a top speed of more than 77 km/h (48 mph)

The Gator™ XUV590E and XUV590M Crossover Series Utility Vehicle is powered by a 586-cc (35.8-cu in.), inline twin-cylinder, electronic fuel-injected (EFI) gasoline engine. The engine is electronically controlled through an engine control unit (ECU) to ensure optimal engine performance.

The engine offers the following performance and reliability features:

- 23.8 kW (32 hp*) at 5600 rpm
- 77 km/h (48 mph) top speed

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- Electronic fuel injection (EFI) with engine control unit (ECU)
- Liquid cooled
- Designed for cold-weather starting (tested to -28.9°C [-20°F])
- Wet-sump lubrication system
- Spin-on oil filter and oil pan drain accessible through skid plate for easy servicing
- High air-flow air filter
- 875-W (65 maximum amp) charging system for accessory capability (see engine section for alternator output curve)
- Spark-arresting muffler is United States Forest Service (USFS) approved
- Low fuel consumption and large 28-L (7.4-U.S. gal.) fuel tank
- Environmental Protection Agency (EPA) and California Air Resources Board (CARB) compliant

* The engine horsepower information is provided by the engine manufacturer to be used for comparison purposes only. The actual operating horsepower will be less.



586-cc (35.8-cu in.) gasoline engine



Radiator

Frame, design, and styling

Lightweight frame designed for off-road performance and hard work

The Gator™ XUV Mid-Size Crossover Series Vehicles are built around the operator's station. It was designed for comfort and class-leading ergonomics. At the same time, it was designed to absorb a hit and resist torsion experienced in off-road riding. This versatile, lightweight frame is another reason the Gator XUV possesses excellent off-road performance and the capability to do work.

Key elements of the frame include:

- Full, robotically welded-frame design provides an unrivaled foundation for the occupant protective structure (OPS), which gives the operator and passenger assurance in a high-performance vehicle
- Distinct rear-frame design shields the rear suspension and constant-velocity (CV) shafts from sticks and rocky terrain
- Skid plate protection from the front bumper to the hitch; this provides protection to the operator and critical components such as the differentials engine, cooling system, and gas tank
- E-coated and powder painted for maximum durability in extreme temperatures, salt, and moisture
- Integrated, 50.8-mm (2-in.) rear receiver hitch for leading pulling capability
- Accepts the highly integrated, optional 50.8-mm (2-in.) front receiver hitch with recovery loops and WARN® 1587.6-kg (3500-lb) winch
- Highly rigid rack-and-pinion steering mounts provides the operator with precision steering and minimum bump steer
- Metal-reinforced front bumper and formed-steel skid plate ensure protection to the frame

The uniquely shaped side-frame rails and the rest of the tubular members at the base of the frame provide a rigid backbone for the XUV. The design has been proven through thousands of hours of durability testing in some of the most severe conditions in the world.

Be assured the XUV is built to tackle demanding off-road riding.

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WARN is a trademark of Warn Industries, Inc.



XUV standard rear receiver hitch



Bottom of XUV

Frame, design, and styling

Sleek styling exemplifies capable off-road, yet hard-working performance



XUV shown in green and yellow

A modern front fascia, wide front bumper, sweeping hood lines, and high fender lines complete the styling package:

- Sleek styling exemplifies a capable off-road, yet hard-working vehicle. The Gator™ XUV Series suits the emotional appeal of an operator purchasing a vehicle that is fun and functional.
 - Hard-edged lines
 - Hood bulge
 - Sweeping headlights with mounting locations for a turn signal light kit
 - High front and rear fenders states long wheel travel
 - Well-matched cargo box with truck-style tailgate
- Steel front bumper supports the styled front composite parts, while the heavy steel skid plate provides protection from rocks and stumps
- Styled parts are injection-molded TPO, a durable, engineered plastic designed to sustain impacts; the plastic is paintable
- Accepts the highly integrated optional 50.8-mm (2-in.) front receiver hitch with recovery loops and WARN® 1587.6-kg (3500-lb) winch
- 75-plus attachments, such as roofs, windshields, lights, protection components, and poly cab highly complement the overall look of a capable crossover vehicle.

WARN is a trademark of Warn Industries, Inc.

Frame, design, and styling

Color options available

The Gator™ XUV590 is available in different color options depending on the trim level:
XUV590E S4:

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Green and yellow only
- XUV590E, XUV590M and XUV590M S4:
- Green and yellow
- Camo
- Olive and black



XUV590 shown in green and yellow



XUV590 shown in camo



XUV590 shown in olive and black

Frame, design, and styling**Occupant protective structure (OPS) and occupant side retention (OSR)**

XUV590 with OSR nets

A dynamically stable vehicle starts with the architectural design; the Gator™ XUV Crossover Series has a low center of gravity, a wide stance, and balance of weight between the front and rear axles.

The combination leads to a class-leading static stability factor (SSF) and passing a multitude of dynamic stability tests.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

OPS



Standard OPS

Standard OPS with three-point seat belts and OSR nets are shown on the XUV560E.

The OPS is Society of Automotive Engineers (SAE) J2194 certified.

OSR

Meets American National Standards Institute (ANSI) B71.9 certification

- One-handed operation
- Easy entry/exit
- Great visibility



OSR nets (available on XUV560 & XUV590)



OSR doors (compatible with all XUV590 two-passenger models)

Frame, design, and styling

Four-wheel independent suspension provides unparalleled ride over challenging terrain and excellent handling through corners

Dual A-arm front suspension features include:

- Dual, wide arch A-arm design provides maximum front-wheel control, precise steering, and maximum ground clearance out to the wheel
- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Adjustable coil-over shocks absorb the most demanding terrain
- Solid anti-roll bar with fully rubber isolated connecting links and pivots is tuned to provide the most agile and predictable handling
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- High-strength ASTM 80-55-06 ductile cast-iron knuckle and upper A-arm to support the high stresses of the shocks, constant-velocity (CV) shaft, and wheels
- Automotive-style, fully boxed and welded, high-strength steel, lower A-arms to minimize unsprung mass and maximize strength
- Maintenance-free, rubber torsional A-arm pivots for long life and quiet operation
- CV shaft protection from sticks that may puncture the rubber boot
- Anti-dive front suspension geometry provides a solid platform for confident braking
- Optimized steering geometry using ADAMS CAR simulation to minimize steering effort and maximize terrain feedback

Optional Fox™ Shocks are available to factory install

Exclusive aluminum-body, high-pressure monotube FOX racing shocks

- Fully adjustable spring preload for different driving styles
- High-pressure nitrogen gas is separated from the damping oil by an internal floating piston (IFP). The separation prevents aeration (frothing) and viscosity degradation of the oil which improves damping consistency and performance fade.
- Pressure and heat generation in the monotube is less than a traditional twin-tube shock, allowing for better vehicle control in aggressive conditions.
- The single aluminum shell of the monotube design allows for more efficient heat rejection and lower overall unsprung mass.
- Mounting the shaft end of the shock to the suspension arm lowers the unsprung mass of the suspension system, leading to improved suspension response.

NASCAR is a trademark of NASCAR. INDYCAR is a trademark of Brickyard Trademarks Incorporated. Formula 1 is a trademark of Formula One Licensing BV, a Formula One Group Company.



XUV front suspension detail

To complement the comfortable operation station, the XUV560 and XUV590 Series are equipped with four-wheel independent suspension. This unique suspension set-up provides an unparalleled ride over challenging terrain and excellent handling through corners.

The engineering team, in collaboration with engineering firms that consult with Formula 1®, NASCAR®, and INDYCAR® teams, built a capable suspension system for class-leading operator comfort no matter what the terrain.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT



XUV rear suspension detail

Independent rear suspension features include:

- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Unique, independent rear-suspension design ensures a great ride and protection for the CV shafts
- Adjustable coil-over shocks absorb the most demanding terrain
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle, lower A-arm, and upper link to support the high stresses of the shocks, CV shaft, and wheels with the toughness to survive impacts from boulders
- Maintenance-free rubber torsional A-arm pivots for long life and quiet operation

Performance and drivetrain

Equipped with premium braking system

An off-road vehicle that is expected to tackle the toughest jobs, take on demanding terrain, and deliver high-performance needs requires a premium braking system. The Gator™ XUV Mid-Size Crossover Series Utility Vehicles are equipped with premium features:

- Automotive-style, four-wheel hydraulic disc brakes with front left/rear right and front right/rear left circuits ensure front and rear braking capability, even in the event of a damaged line
- Designed for smooth-feeling engagement and minimal brake fade
 - Over two-thirds of the brake lines are metal tubing, minimizing brake fade during high-performance driving
 - Rubber lines have an expansion rate equal to stainless-steel brake line
- Automotive-style, dual-circuit master cylinder with a see-through reservoir
- The braking system offers the following for superior all-terrain performance:
 - Twin-piston front calipers and single-piston rear calipers for superior stopping capability
 - Large, 196-mm (7.7-in) cross-drilled stainless-steel rotors that dissipate heat and resist brake fade, lower un-sprung mass for better ride quality, and are more resistant to rusting.
 - Sintered brake pads for positive stopping in wet or dry conditions
 - Aluminum calipers are strong but light weight for lower unsprung weight
 - Abrasion-resistant sleeve over rubber brake lines in critical areas ensure against wear



Brake without wheel and tire



Master cylinder

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Performance and drivetrain

Handles with automotive-type rack-and-pinion steering

Automotive-type rack-and-pinion steering features include:

- Steel ball-bearings secure the steering shaft and deliver smooth, responsive operation
 - Tight turn circle of 3.7 m (12.3 ft) for excellent maneuverability with the XUV560/XUV590 and a circle of 6 m (19.7 ft) for the XUV560 S4/XUV590 S4
 - Completely sealed rack and pinion for long life
 - Low steering ratio (lock-to-lock steering wheel rotations) provides more responsive steering and less operator input
 - Steering shaft U-joints are phased for a smooth, uninterrupted motion of the steering wheel
 - Ackerman steering design provides more responsive steering, decreases tire wear when used on hard surfaces, and is turf friendly
 - Minimal bump steer eliminates unintended vehicle direction changes when traversing terrain and permits less feedback to the steering wheel (see description below)
- Tire scrubbing, which also creates unwanted heat and wear in the tire, can be eliminated by turning the inside wheel at a greater angle than the outside one (Ackerman steering).

NOTE: Some competitors use parallel steering instead of Ackerman steering.

Bump steering defines the change in the forward steering angle (thus wheel position) as the suspension travels through its full motion. A large amount of angular change (5 degrees to 7 degrees) will alter the vehicle's direction and excessively move the steering wheel.

The Gator™ XUV Crossover Series Utility Vehicles are equipped with rack-and-pinion steering and a dual A-arm front suspension. These automotive-type systems exhibit excellent handling characteristics, as well as responsive steering and low steering effort.

Performance and drivetrain

Four-wheel independent suspension provides unparalleled ride over challenging terrain and excellent handling through corners

Dual A-arm front suspension features include:

- Dual, wide arch A-arm design provides maximum front-wheel control, precise steering, and maximum ground clearance out to the wheel
- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Adjustable coil-over shocks absorb the most demanding terrain
- Solid anti-roll bar with fully rubber isolated connecting links and pivots is tuned to provide the most agile and predictable handling
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle and upper A-arm to support the high stresses of the shocks, constant-velocity (CV) shaft, and wheels
- Automotive-style, fully boxed and welded, high-strength steel, lower A-arms to minimize unsprung mass and maximize strength
- Maintenance-free, rubber torsional A-arm pivots for long life and quiet operation
- CV shaft protection from sticks that may puncture the rubber boot
- Anti-dive front suspension geometry provides a solid platform for confident braking
- Optimized steering geometry using ADAMS CAR simulation to minimize steering effort and maximize terrain feedback

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Optional Fox™ Shocks are available to factory install

Exclusive aluminum-body, high-pressure monotube FOX racing shocks

- Fully adjustable spring preload for different driving styles
- High-pressure nitrogen gas is separated from the damping oil by an internal floating piston (IFP). The separation prevents aeration (frothing) and viscosity degradation of the oil which improves damping consistency and performance fade.
- Pressure and heat generation in the monotube is less than a traditional twin-tube shock, allowing for better vehicle control in aggressive conditions.
- The single aluminum shell of the monotube design allows for more efficient heat rejection and lower overall unsprung mass.
- Mounting the shaft end of the shock to the suspension arm lowers the unsprung mass of the suspension system, leading to improved suspension response.

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XUV front suspension detail



XUV rear suspension detail

To complement the comfortable operation station, the XUV560 and XUV590 Series are equipped with four-wheel independent suspension. This unique suspension set-up provides an unparalleled ride over challenging terrain and excellent handling through corners.

The engineering team, in collaboration with engineering firms that consult with Formula 1®, NASCAR®, and INDYCAR® teams, built a capable suspension system for class-leading operator comfort no matter what the terrain.

Independent rear suspension features include:

- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Unique, independent rear-suspension design ensures a great ride and protection for the CV shafts
- Adjustable coil-over shocks absorb the most demanding terrain

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle, lower A-arm, and upper link to support the high stresses of the shocks, CV shaft, and wheels with the toughness to survive impacts from boulders
- Maintenance-free rubber torsional A-arm pivots for long life and quiet operation

Product Specification Details :
Manufacturer John Deere Gator XUV590M (Model year 2022)
Model
Engine

Type	4-cycle gas, inline-twin, electronic fuel injection (EFI), overhead valves (OHV)
Displacement	586 cc
Power	23.8* kW 32 hp
Cooling system	Liquid cooled

Drivetrain

Transmission	Continuously Variable Transmission (CVT) with clutch enclosure
Final drive	Park, high, low, neutral, reverse transaxle
Four wheel drive	Dash switch actuated four-wheel drive system with limited slip front differential plus locking rear differential
Traction assist	Positive locking, switch actuated rear differential lock
Descent control	Not available

Suspension

Front	Fully independent dual A-arm with adjustable coil-over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear	Fully independent with lower A-arm and upper camber link with adjustable coil-over shocks, 203 mm (8 in.) travel

Dimensions / Capacities

Wheelbase	1.86 m 72.8 in.
Weight	With fuel and fluids: 676 kg 1491 lb
Length	2870 mm 113 in.
Width	1435 mm 56.5 in.
Height	1867 mm 73.5 in.
Tread centers	Front: 1220 mm 48 in.
Ground clearance	Minimum: 267 mm 10.5 in.
Fuel capacity	28 L 7.4 U.S. gal.
Cargo box dimensions	82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ³ 8.9 cu ft
Cargo box capacity (weight)	227 kg 500 lb
Payload capacity	408 kg 900 lb
Towing capacity	680 kg 1500 lb
Hitch	Standard 50 mm (2 in.) rear receiver with optional 50 mm (2 in.) front receiver with recovery loops

Tires / Wheels

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

	25x8-12 Terra Hawk all-terrain on steel wheels
	25x10-12 Terrahawk AT (All Terrain) 4-ply rating steel wheels, various colors or 26x10-14 Maxxis Bighorn 2.0 6-ply rating aluminum alloy wheels, various colors or 26x10-14 Maxxis Bighorn 2.0 6-ply rating steel wheels, various colors
Brakes	
	196 mm (7.7 in.) ventilated four-wheel stainless-steel disc brakes with 34.93 mm (1.375 in.) diameter hydraulic twin-piston calipers
Park brake	Park in-transmission
Features	
Color	Green/yellow, olive/black, or TRUETIMBER® Kanati camo
Power steering	Standard
Battery / Alternator / Power port	340 CCA At 3400 rpm regulated: 65 amp 12 VDC standard outlet
Instrumentation	Digital display (gear position, system diagnostic light, speed, rpm, 4WD indicator, rear differential indicator, fuel level, coolant temperature, hour meter, miles, and service interval warning light)
Storage	Two cupholders, sealed underhood storage, glovebox
Seating	Bench seat
Headlights	---
Front-mounted LED worklights	---
Cargo box power lift	---
Key Specs	
Engine power	23.8* kW 32 hp 82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ² 8.9 cu ft 227 kg 500 lb 680 kg 1500 lb
Front suspension	Fully independent dual A-arm with adjustable coil-over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear suspension	Fully independent with lower A-arm and upper camber link with adjustable coil-over shocks, 203 mm (8 in.) travel Park, high, low, neutral, reverse transaxle Dash switch actuated four-wheel drive system with limited slip front differential plus locking rear differential 28 L 7.4 U.S. gal.
Additional information	
Country of Manufacture	U.S.
Date collected	21-Oct-2021

2022 JOHN DEERE GATOR™ XUV590E (Model Year 2022)

Product Specification Details :
Manufacturer: John Deere Gator XUV590E (Model year 2022)

Model
Engine

Type	4-cycle gas, inline-twin, electronic fuel injection (EFI), overhead valves (OHV)
Displacement	586 cc
Power	23.8* kW 32 hp
Cooling system	Liquid cooled

Drivetrain

Transmission	Continuously Variable Transmission (CVT) with clutch enclosure
Final drive	Park, high, low, neutral, reverse transaxle
Four wheel drive	Dash switch actuated four-wheel drive system with limited slip front differential, plus locking rear differential
Traction assist	Positive locking, switch actuated rear differential lock
Descent control	Not available

Suspension

Front	Fully independent dual A-arm with adjustable coil over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear	Fully independent with lower A-arm and upper camber link with adjustable coil over shocks, 203 mm (8 in.) travel

Dimensions / Capacities

Wheelbase	1.86 m 72.8 in.
Weight	With fuel and fluids: 645 kg 1423 lb
Length	2870 mm 113 in.
Width	1435 mm 56.5 in.
Height	1867 mm 73.5 in.
Tread centers	Front: 1220 mm 48 in.
Ground clearance	Minimum: 267 mm 10.5 in.
Fuel capacity	28 L 7.4 U.S. gal.
Cargo box dimensions	82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ³ 8.9 cu ft
Cargo box capacity (weight)	227 kg 500 lb
Payload capacity	408 kg 900 lb
Towing capacity	680 kg 1500 lb
Hitch	Standard 50 mm (2 in.) rear receiver with optional 50 mm (2 in.) front receiver with recovery loops

Tires / Wheels

25x8-12 Terra Hawk all-terrain on steel wheels

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

	25x10-12 Terra Hawk all-terrain on steel wheels
Brakes	196 mm (7.7 in.) ventilated four-wheel stainless steel disc brakes with hydraulic 34.93 mm (1.375 in.) diameter twin-piston calipers
Park brake	Park in-transmission
Features	
Color	Green/yellow, olive/black, camo
Power steering	Not available
Battery / Alternator / Power port	340 CCA At 3400 rpm regulated: 65 amp 12 VDC standard outlet
Instrumentation	Digital display (gear position, system diagnostic light, speed, rpm, 4WD indicator, rear differential indicator, fuel level, coolant temperature, hour meter, miles, and service interval warning light)
Storage	Two cupholders, sealed underhood storage, glovebox
Seating	Bench seat
Headlights	---
Front-mounted LED worklights	---
Cargo box power lift	---
Key Specs	
Engine power	23.8* kW 32 hp 82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ³ 8.9 cu ft 227 kg 500 lb 680 kg 1500 lb
Front suspension	Fully independent dual A-arm with adjustable coil over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear suspension	Fully independent with lower A-arm and upper camber link with adjustable coil over shocks, 203 mm (8 in.) travel Park, high, low, neutral, reverse transaxle Dash switch actuated four-wheel drive system with limited slip front differential, plus locking rear differential 28 L 7.4 U.S. gal.
Additional information	
Country of Manufacture	U.S.
Date collected	21-Oct-2021

Extended Repair Plan Proposal
PowerGard™ Protection Plan Residential

Date : February 8, 2022					
Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Plan Type:		Deductible:	
Equipment Type	GATOR, XUV590M	Coverage:		Quoted Price	\$ 0.00
Model	GATOR, XUV590M	Total Months:			
		Total Hours:			

THIS PROPOSAL IS VALID FOR 30-DAYS FROM DATE ISSUED. GRACE pricing is offered only early during the Deere basic warranty period and has no surcharges. After this period, DELAYED PURCHASE pricing (surcharged) is offered later during the John Deere Basic Warranty. Many PowerGard quotes presented in the Delayed Purchase Period will require inspection/certification process and must also past fluid testing. The Total Months and Total Hours listed above include the John Deere Basic Warranty terms (24 months / 2000 hours on Tractors, 24 months on Golf & Turf Products, 12 months for all AG Harvesting and Sprayer equipment, and 12 months/1000 hours on most Gator Utility Vehicles). "Limited" Plan coverage = Engine & Powertrain only. "Comprehensive" Plan coverage = Full Machine.

Proposal Prepared for:
I have been offered this coverage and

 Customer Name - Please Print

 I ACCEPT the Residential plan

 I DECLINE the Residential plan

 Customer Signature

If declined, I fully understand that my equipment listed above is not covered for repair expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific PowerGard™ Protection plan Residential coverage, please refer to the terms and conditions on John Deere's public website(www.JohnDeere.com) under Services & Support >Warranty > Extended Warranties > PowerGard protection plan Residential.

Date : February 8, 2022					
Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Plan Type:		Deductible:	
Equipment Type	GATOR, XUV590E	Coverage:		Quoted Price	\$ 0.00
Model	GATOR, XUV590E	Total Months:			
		Total Hours:			

THIS PROPOSAL IS VALID FOR 30-DAYS FROM DATE ISSUED. GRACE pricing is offered only early during the Deere basic warranty period and has no surcharges. After this period, DELAYED PURCHASE pricing (surcharged) is offered later during the John Deere Basic Warranty. Many PowerGard quotes presented in the Delayed Purchase Period will require inspection/certification process and must also past fluid testing. The Total Months and Total Hours listed above include the John Deere Basic Warranty terms (24 months / 2000 hours on Tractors, 24 months on Golf & Turf Products, 12 months for all AG Harvesting and Sprayer equipment, and 12 months/1000 hours on most Gator Utility Vehicles). "Limited" Plan coverage = Engine & Powertrain only. "Comprehensive" Plan coverage = Full Machine.

Proposal Prepared for:

I have been offered this coverage and

Customer Name - Please Print

I ACCEPT the Residential plan

I DECLINE the Residential plan

Customer Signature

If declined, I fully understand that my equipment listed above is not covered for repair expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific PowerGard™ Protection plan Residential coverage, please refer to the terms and conditions on John Deere's public website(www.JohnDeere.com) under Services & Support >Warranty > Extended Warranties > PowerGard protection plan Residential.

PowerGard™ Protection Plan Residential (Residential plan) is:

The PowerGard™ Protection Plan Residential is an extended repair plan that provides parts and labor coverage up to four years beyond the manufacturer's warranty. It is available on all riding lawn equipment, zero-turn radius mowers, utility vehicles, utility tractors and compact utility tractors. Your John Deere equipment will be in the hands of qualified, certified technicians from John Deere dealers using Genuine John Deere Parts.

Not covered under a Residential plan:

Residential plans do not cover routine maintenance services or items normally designed to be replaced by the purchaser due to normal wear and tear. They do not cover any product used for commercial or rental applications. They also do not cover repairs for damage from accident, misuse, fire, theft, or exposure to weather conditions such as lightning, hail, flood or water. See the actual PowerGard™ Protection Plan Residential Terms and Conditions for a complete listing of coverage, and limitations and conditions under the program.

Benefits of a Residential plan:

- Offer the choice of adding up to 4 years of repair coverage beyond the machine's factory warranty.
- Do not require preapproval before repairs are made by the authorized John Deere dealership.
- Is transferable by the original purchaser for the balance of the original agreement period.
- Ensures higher resale value and makes equipment more marketable during sale or trade-in.
- Comprehensive Plans:
 - No deductibles and no out-of-pocket costs on covered repairs.
 - Free transportation for factory warranty and extended repair plan repairs for the term of the plan (Note: A surcharge may apply for machines located outside of the dealership's normal service area).
- Limited Powertrain Plans:
 - Low deductibles on covered repairs
 - Do not provide transportation coverage



Guardian Fleet Safety
 PO Box 70
 Clear Lake, MN 55319
 (320) 245-4000
 luke@guardianfleetsafety.com

ADDRESS

East Grand Forks Police Dept.
 520 Demers Avenue
 East Grand Forks, MN 56721

Quote 22-0114

DATE 02/15/2022

INFO

UTV

SALES REP

Luke

ACTIVITY	QTY	RATE	AMOUNT
All work to be completed on site in East Grand Forks with Opticom Install		0.00	0.00
Polaris Ranger SP 570 EPS Premium			
Whelen ION Single Color (2) FRONT (2) SIDE (2) REAR	6	98.95	593.70
WSSPA30 30W SIREN/SPEAKER COMBO W/PA 01-0886304-04J	1	254.10	254.10
SoundOff Signal ETFBSSN-P tail light flasher	1	74.65	74.65
Headlight Flasher	1	89.44	89.44
Hourly Shop Labor Rate to install new and customer provided equipment	10	95.00	950.00
Misc. Shop Supplies for Hourly Installation, Includes Wire, Loom, Connectors, Fuses, Nuts/Bolts, Screws, Switches etc...	10	8.00	80.00

TOTAL \$2,041.89

Accepted By

Accepted Date

Quotes are CONFIDENTIAL and proprietary between Guardian Fleet Safety and customer only.

Q U O T A T I O N

LAKES AREA POWERSPORTS
 8322 STATE HIGHWAY 371 NW
 WALKER, MN 56484
 Phone #: (218)547-1558
 Fax #: (218)547-1508

PHONE #: (218)773-2283
 CELL #:
 ALT. #:
 P.O.#:
 TERMS: **Net 10th EOM**
 SALES TYPE: **Quote**

DATE: **2/23/2022**
 ORDER #: **37518**
 CUSTOMER #: **108616**
 CP: **LKUHLMAN**
 LOCATION: **1**
 STATUS: **Active**

BILL TO 108616

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

SHIP TO

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

MFR	PRODUCT NUMBER	DESCRIPTION	QTY	PRICE	NET	TOTAL
POL	R22MAU57B5	2022 Polaris Ranger SP 570 NorthStar Edition, Polaris Blue	1	\$19,414.00	\$19,414.00	\$19,414.00
POL	REBATE	MN State Contract Discount	1	\$0.00	-\$2,912.10	(\$2,912.10)
****	DOC FEE	Doc Fee	1	\$153.00	\$153.00	\$153.00
POL	2889187	K-ACCY,MIRROR,REARVIEW	1	\$64.99	\$58.49	\$58.49
MISC	TK21-2-1	TURN SIGNAL KIT FOR 2022 RANGER SP 570, W/ HAZARD LIGHT	1	\$299.99	\$299.99	\$299.99
POL	2889160	K-ACCY,HORN	1	\$97.84	\$88.06	\$88.06
****	LABOR	INSTALL LABOR	2.75	\$125.00	\$125.00	\$343.75
****	PU-DELIVERY	DELIVERY FEE PER MILE to EGF	146	\$2.25	\$2.25	\$328.50

Prices are subject to change if the program or promotions under which the quote was prepared are no longer in effect by the manufacturer.

Prices may also be subject to changed based on manufacturer price increases and surcharges.

By signing this quote you are agreeing to this sale and acknowledge that your deposit is non-refundable.

SUBTOTAL:	\$17,773.69
TAX:	\$0.00
ORDER TOTAL:	\$17,773.69

Authorized By: _____ 64

Q U O T A T I O N

LAKES AREA POWERSPORTS
 8322 STATE HIGHWAY 371 NW
 WALKER, MN 56484
 Phone #: (218)547-1558
 Fax #: (218)547-1508

PHONE #: (218)773-2283
 CELL #:
 ALT. #:
 P.O.#:
 TERMS: **Net 10th EOM**
 SALES TYPE: **Quote**

DATE: **2/2/2022**
 ORDER #: **37008**
 CUSTOMER #: **108616**
 CP: **LKUHLMAN**
 LOCATION: **1**
 STATUS: **Active**

BILL TO 108616

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

SHIP TO

EAST GRAND FORKS POLICE DEPT
 520 Demers Ave
 EAST GRAND FORKS, MN 56721 US

MFR	PRODUCT NUMBER	DESCRIPTION	QTY	PRICE	NET	TOTAL
POL	R22MAE57B5	2022 Polaris Ranger SP 570 EPS Premium, Polaris Blue	1	\$14,114.00	\$14,114.00	\$14,114.00
POL	REBATE	STATE CONTRACT DISC	1	\$0.00	-\$2,117.10	(\$2,117.10)
****	DOC FEE	Doc Fee	1	\$153.00	\$153.00	\$153.00
POL	2885080	K-ACCY WNDSLD, GLS L&R	1	\$741.59	\$667.43	\$667.43
POL	2879965	K-RR PNL, GLS, RGT	1	\$339.89	\$305.90	\$305.90
POL	2885077	K-ACCY ROOF POLY, SPORT(2)	1	\$319.29	\$287.36	\$287.36
POL	2885073	K-ACCY, DOOR, FULL, CRNK, FRT	1	\$2,652.24	\$2,387.02	\$2,387.02
POL	2885082	K-ACCY HEATER	1	\$1,029.99	\$926.99	\$926.99
POL	2889185	K-ACCY, FRNT MNT, PULSE BAR required for heater	1	\$87.54	\$78.79	\$78.79
POL	2889187	K-ACCY, MIRROR, REARVIEW	1	\$66.94	\$60.25	\$60.25
****	LABOR	LABOR	3	\$125.00	\$125.00	\$375.00
****	PU-DELIVERY	DELIVERY FEE PER MILE TO GRAND FORKS	146	\$2.25	\$2.25	\$328.50
MISC	TK21-2-1	TURN SIGNAL KIT FOR 2022 RANGER SP 570, W/ HAZARD LIGHT	1	\$299.99	\$299.99	\$299.99
POL	2889160	K-ACCY, HORN	1	\$97.84	\$88.06	\$88.06
****	LABOR	LABOR	2.75	\$125.00	\$125.00	\$343.75

Prices are subject to change if the program or promotions under which the quote was prepared are no longer in effect by the manufacturer.

Prices may also be subject to changed based on manufacturer price increases and surcharges.

By signing this quote you are agreeing to this sale and acknowledge that your deposit is non-refundable.

SUBTOTAL:	\$18,298.94
TAX:	\$0.00
ORDER TOTAL:	\$18,298.94

Quotes are valid for 30 days from the creation date of the quote OR until the contract expires.

A Purchase Order or Letter of Intent is required for all orders.

To expedite the delivery of equipment, the below information must be included on your Purchase Order or Letter of Intent.

For any questions, please contact:

Kipp Anderson

RDO Equipment Co.
2960 34th Street South
Moorhead, MN 56560

Tel: 701-526-2200

Fax: 701-520-2201

Email: ktanderson@rdoequipment.com

- Vendor: Deere & Company
- 2000 John Deere Run
Cary, NC 27513
 - Signature
 - Shipping address
 - Billing address
 - Billing email address

If information is not included, the Purchase Order or Letter of Intent will be returned.

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:

RDO Equipment Co.
 2960 34th Street South
 Moorhead, MN 56560
 701-526-2200
 act-far@rdoequipment.com

Quote Summary

Prepared For:
 EAST GRAND FORKS POLICE DEPARTMENT
 520 DEMERS AVE
 EAST GRAND FORKS, MN 56721

Delivering Dealer:
RDO Equipment Co.
 Kipp Anderson
 2960 34th Street South
 Moorhead, MN 56560
 Phone: 701-526-2200
 ktanderson@rdoequipment.com

Quote ID: 26019816
Created On: 03 February 2022
Last Modified On: 24 February 2022
Expiration Date: 03 March 2022

Equipment Summary	Selling Price	Qty	=	Extended
JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022) Contract: Sourcewell Grounds Maintenance 031121-DAC (PG NB CG 70) Price Effective Date: February 7, 2022	\$ 21,090.62	1	=	\$ 21,090.62

Equipment Total	\$ 21,090.62
------------------------	---------------------

* Includes Fees and Non-contract items

Quote Summary	
Equipment Total	\$ 21,090.62
Trade In	
SubTotal	\$ 21,090.62
Est. Service Agreement Tax	\$ 0.00
Total	\$ 21,090.62
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 21,090.62

Salesperson : X _____

Accepted By : X _____

Selling Equipment

Quote Id: 26019816 **Customer Name:** EAST GRAND FORKS POLICE DEPARTMENT

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Deere & Company
 2000 John Deere Run
 Cary, NC 27513
 FED ID: 36-2382580; DUNS#: 60-7690989

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RDO Equipment Co.
 2960 34th Street South
 Moorhead, MN 56560
 701-526-2200
 act-far@rdoequipment.com

JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year

Hours:

Stock Number:

Contract: Sourcewell Grounds Maintenance 031121-DAC **Selling Price ***
 (PG NB CG 70) **\$ 21,090.62**

Price Effective Date: February 7, 2022

* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
592DM	GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	1	\$ 13,449.00	14.00	\$ 1,882.86	\$ 11,566.14	\$ 11,566.14
Standard Options - Per Unit							
001A	US / CANADA	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
0505	Build to Order	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
1028	26" Maxxis Bighorn 2.0 extreme terrain radial tires on 14" Black Steel Wheels	1	\$ 538.00	14.00	\$ 75.32	\$ 462.68	\$ 462.68
2007	Bench Seat - Black	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2302	Standard Tenneco Twin Tube Shock	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2350	Park Position in Transmission	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
2501	Olive & Black	1	\$ 108.00	14.00	\$ 15.12	\$ 92.88	\$ 92.88
3100	Manual Lift	1	\$ 0.00	14.00	\$ 0.00	\$ 0.00	\$ 0.00
4003	OPS with Half Doors & Brake/Taillights	1	\$ 501.00	14.00	\$ 70.14	\$ 430.86	\$ 430.86
4030	Black Roof	1	\$ 389.00	14.00	\$ 54.46	\$ 334.54	\$ 334.54
4143	Front Brush Guard and Rear Bumper	1	\$ 589.00	14.00	\$ 82.46	\$ 506.54	\$ 506.54
6313	Winch Package	1	\$ 777.00	14.00	\$ 108.78	\$ 668.22	\$ 668.22
Standard Options Total			\$ 2,902.00		\$ 406.28	\$ 2,495.72	\$ 2,495.72
Dealer Attachments/Non-Contract/Open Market							
BUC10542	Poly Door Kit, MDUV 2 Pass	1	\$ 3,509.82	14.00	\$ 491.37	\$ 3,018.45	\$ 3,018.45
BUC10184	Heater Kit	1	\$ 1,005.54	14.00	\$ 140.78	\$ 864.76	\$ 864.76
BM25014	Occupant Protective Structure (OPS) Rear Panel	1	\$ 702.98	14.00	\$ 98.42	\$ 604.56	\$ 604.56

Selling Equipment

Quote Id: 26019816 **Customer Name:** EAST GRAND FORKS POLICE DEPARTMENT

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BM25969	Poly Cab Door Closeout Panels	1	\$ 156.85	14.00	\$ 21.96	\$ 134.89	\$ 134.89
BUC10159	OPS Glass Windshield w/ Wiper	1	\$ 981.95	14.00	\$ 137.47	\$ 844.48	\$ 844.48
BM23370	Horn Kit	1	\$ 123.65	14.00	\$ 17.31	\$ 106.34	\$ 106.34
BM25148	Occupant Protective Structure (OPS) Rear View Mirror	1	\$ 108.78	14.00	\$ 15.23	\$ 93.55	\$ 93.55
BM24737	Occupant Protective Structure (OPS) Side Mirrors	1	\$ 236.99	14.00	\$ 33.18	\$ 203.81	\$ 203.81
BUC10853	Occupant Protective Structure (OPS) Poly Roof - Black	1	\$ 356.06	14.00	\$ 49.85	\$ 306.21	\$ 306.21
BM24089	Occupant Protective Structure (OPS) Switch Bank	1	\$ 89.30	14.00	\$ 12.50	\$ 76.80	\$ 76.80
BM25553	Beacon Light	1	\$ 275.92	14.00	\$ 38.63	\$ 237.29	\$ 237.29
BM26182	Beacon Light Harness Kit	1	\$ 83.58	14.00	\$ 11.70	\$ 71.88	\$ 71.88
BUC10790	Turn Signal Kit	1	\$ 375.53	14.00	\$ 52.57	\$ 322.96	\$ 322.96
BM26183	Turn Signal Light Harness Kit	1	\$ 166.02	14.00	\$ 23.24	\$ 142.78	\$ 142.78
Dealer Attachments Total			\$ 8,172.97		\$ 1,144.21	\$ 7,028.76	\$ 7,028.76
Value Added Services Total			\$ 0.00			\$ 0.00	\$ 0.00
Additional Discounts							
Additional Discount Total					\$ 0.00	\$ -0.00	\$ -0.00
Total Selling Price			\$ 24,523.97		\$ 3,433.35	\$ 21,090.62	\$ 21,090.62

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

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File Created: 24-Feb-2022

2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)

Cargo box and storage

Large, extra-durable, one-piece cargo box ensures hard-driving performance and longevity

The cargo box consists of a high-density polyethylene copolymer composite material that eliminates rust, dents, and reduces noise. This large, one-piece design has rounded inside corners to ensure material removal when tilted. The composite box is highly ribbed and supported with a welded, steel-ladder structure to ensure hard-driving performance and longevity. The three highly styled exterior pieces are made of TPO for extra durability.

Cargo box tailgate



Tailgate handle



Removable lanyards

Tailgate pivot and removal feature

The tailgate can be opened or removed for easier cleanout and to carry longer items. It features truck-like performance and can be operated with one hand.

The tailgate's pivot point is made of hardened steel for durability and designed for tool-free removal. The standard lanyards can also be disconnected without tools to remove the tailgate for convenient loading and unloading tasks.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Cargo box tilt and removal

The cargo box ease of use is critical to performing tasks quickly and efficiently. Starting with the truck-style tailgate, the removal of content in this cargo box could not be easier. The manual release also functions as the lift lever, done in a smooth, one-step motion. It can even be tilted from both sides of the vehicle. To reduce the overall effort of lift, the pivot point of the cargo box is closer to the center. The combination of easy-to-use attributes makes this cargo box best-in-class.

For servicing the vehicle's systems, the cargo box is easily removable. With the removal of two bolts, the cargo box can easily be detached from the vehicle frame.



Integrated handle for manual cargo box tilt (both sides)



Tilted cargo box

Integrated tie-down points

The cargo box offers integrated tie-down points for increased versatility. Tie-down points are located in the following areas:

- Flip-up D-shaped rings in all four corners inside the cargo box bed
- Multiple points along the edge of the cargo box side walls
- Tie-down bars on either side of the cargo box with optional cargo box rail kit. This kit also provides a mounting system using accessories that possess the 25.4-mm (1-in.) quick clamp.



Integrated tie-down point in cargo box bed



Additional tie-down points

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Optional accessories



Cargo box rail system



Box mat



Cargo box wall extensions
(shown on RSX)

Optional accessories for the cargo box include (see price pages or JDConfigurator for complete list):

- Cargo box rail system
- Cargo box mat
- Cargo box wall extensions
- Spare tire rack
- Bucket holder

Specifications

Length	82 cm (32.3 in.)
Width	120.9 cm (47.6 in.)
Depth	29.7 cm (11.7 in.)
Volume	0.25 m ³ (8.9 cu ft)
Weight capacity	227 kg (500 lb)
Dump angle	45 degrees
Bed height (from ground)	76.3 cm (30 in.)

CAUTION: Carrying extra-long cargo that extends beyond the box can adversely affect stability.

Key Features

Occupant protective structure (OPS) and occupant side retention (OSR)



XUV590 with OSR nets

A dynamically stable vehicle starts with the architectural design; the Gator™ XUV Crossover Series has a low center of gravity, a wide stance, and balance of weight between the front and rear axles.

The combination leads to a class-leading static stability factor (SSF) and passing a multitude of dynamic stability tests.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

OPS



Standard OPS

Standard OPS with three-point seat belts and OSR nets are shown on the XUV560E.

The OPS is Society of Automotive Engineers (SAE) J2194 certified.

OSR

Meets American National Standards Institute (ANSI) B71.9 certification

- One-handed operation
- Easy entry/exit
- Great visibility



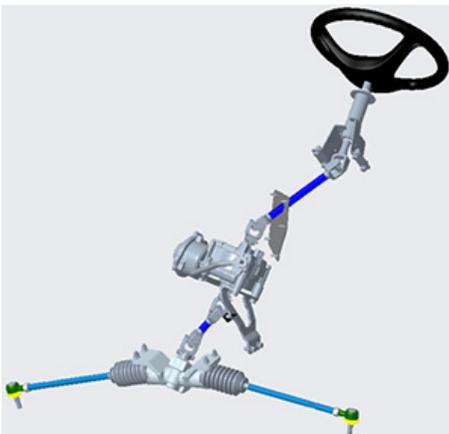
OSR nets (available on XUV560 & XUV590)



OSR doors (compatible with all XUV590 two-passenger models)

Key Features

Power steering for excellent handling characteristics and low steering effort



The Gator™ XUV590M Utility Vehicles are equipped with rack and pinion steering with power steering. These automotive-type systems exhibit excellent handling characteristics, as well as responsive steering and low steering effort.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

XUV590M with power steering

Automotive-type, rack-and-pinion steering features include:

Optional electric power-assist steering (EPAS) system. Features of EPAS include:

- Anti-kickback feature reduces the amount of steering unwinding when traversing difficult terrain.
- The system is speed sensing and adjusts steering effort as the speed of the vehicle changes.
 - As speed increases there is less steering assist for improved road feel.
 - As speed decreases steering assist increases to give lower steering efforts for improved maneuverability.
- A warning/functional light on the instrument panel provides self-diagnostics and a warning light in the situation of no assist.
- Torque sensor measures steering wheel input so the on-board computer can provide the appropriate output for various driving situations.
 - Steel ball-bearings secure the steering shaft and delivers smooth, responsive operation
 - Tight turn radius of 3.7 m (12.3 ft) for excellent maneuverability
 - Completely sealed rack-and-pinion for long life
 - Low steering ratio (lock-to-lock steering wheel rotations) provides more responsive steering and less operator input
 - Shaft U-joints are phased for a smooth, uninterrupted motion of the steering wheel
 - Ackerman steering design provides more responsive steering, decreases tire wear when used on hard surfaces and is turf friendly (see description below)
 - Minimal bump steer eliminates unintended vehicle direction changes when traversing terrain and permits less feedback to the steering wheel (see description below)

The tire scrubbing, which also creates unwanted heat and wear in the tire, can be eliminated by turning the inside wheel at a greater angle than the outside one (Ackerman steering).

NOTE: Some competitors use parallel steering instead of Ackerman steering.

Bump steering defines the change in the forward steering angle (thus wheel position) as the suspension travels through its full motion. A large amount of angular change (5 degrees to 7 degrees) will alter the vehicle's direction and excessively move the steering wheel.

Key Features

Designed for all-day comfort with many vehicle conveniences

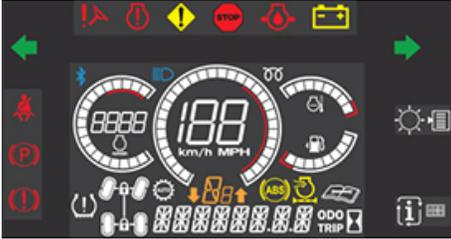


S4 optional under-seat storage

- Display features include:
 - Speed
 - rpm
 - Fuel
 - Mechanical front-wheel drive (MFWD)/rear diff-lock
 - Gear position
 - Hour meter
 - Service interval warning light
- Operator-centric design provides class-leading ergonomics and comfortable seats
 - Easy entry/exit and pass through for operator and passenger
 - Optimal seating position provides more legroom
 - Automotive-like ergonomics
 - Excellent comfort while driving
- Best-in-class sealed storage volume of 34 L (9 gal.) with a large in-dash glove box and under hood storage. An additional 34 L (9 gal.) of under-seat storage is available on the S4 models.
 - Hinged hood rotates open without tools for access to storage
 - Side-by-side seating provides ample room for one operator and one passenger
 - Seats tilt forward for ease of service and to keep dry during outdoor storage
 - Two cup holders are located within reach of the operator's station

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Standard 12-V direct current (VDC) outlet is conveniently located on the instrument panel
- Seven predrilled dash switch locations with snap out caps for various electrical accessories
- Occupant protective structure (OPS) with three-point seat belts and passenger side grab handle located on front post
- Start in gear, neutral, or park position for quick starting. The service brake must be engaged to start when in gear, neutral, or park.



Instrument panel and backlit switches



Sealed under-hood storage



Ergonomically placed controls



In-dash cup holders and sealed glove box

Key Features

Precision-engineered drive system optimizes acceleration, hauling, towing, and hill-climbing capabilities

Variable-speed drive



The variable-speed drive consists of two clutches and a drive belt:

- Drive clutch is attached to the engine.
- Driven clutch is attached to the transaxle.

Features include:

- Ability to creep along slowly to maneuver in tight spaces
- Standard full-clutch enclosure with a high intake and exhaust ensures a dry belt when crossing water
 - High-speed fan on drive clutch provides longer belt and clutch life by keeping components cool
- TEAM® industry clutches provide high performance and longevity

How the variable-speed drive works:

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Variable-speed drive
(shown on XUV590 engine)

- As engine speed increases, the spring-loaded drive clutch is closed by weights being forced out by centrifugal force.
- As the drive clutch closes, the belt rides up to the largest diameter of the drive clutch and forces open the driven clutch.
- With the belt running in the smallest diameter of the driven clutch, the speed being transferred to the transaxle is increased.
- The driven clutch is designed to sense varying loads (inclines, mud, etc.) and constantly adjusts drive speed upward or downward so that engine rpm remains optimal.

The Gator™ XUV Mid-Size Crossover Series Utility Vehicles have a precision-engineered drivetrain system that fully utilizes engine power, optimizing acceleration, hauling, towing, and hill-climbing capabilities. Power is transmitted from the engine through a continuously variable clutch system to the transaxle.

Key elements of the drive system include:

Four-wheel drive (4WD), transaxle, mechanical front-wheel drive (MFWD), and constant-velocity (CV) shafts

4WD

- Selectable 4WD system with a limited slip front differential and dash-mounted electronic rocker switch
 - Provides exceptional traction in challenging conditions
 - Maintains turf-friendly operation in two-wheel drive (2WD) mode
 - Combined with rear traction assist (differential lock), provides excellent traction in challenging conditions
 - More control descending hills with 4WD engaged, as all four wheels help slow the vehicle down
 - Clutch engagement still necessary to prevent free coasting

Transaxle

- Low, high, neutral, reverse, and park transaxle
- Automotive-style, integrated park position in transmission
- To shift out of park, service brake must be pressed to release the parking solenoid. An audible click will be heard and allows the vehicle to shift out of park into the desired gear.
- Low range for maximum torque delivered to the wheels for hauling, pushing, and pulling
- High range for maximum vehicle speed
- Cast-aluminum design for lower weight
- Helical forward and reverse gears are used for quiet operation
- Rear traction assist (differential lock) is controlled with an electronic rocker switch
 - *NOTE: Locked differential design may increase scuffing of the turf during turns because the rear wheels are turning at the same speed through a turn.*
- Contains gear-case for transferring power to the MFWD
- Splined shaft interfaces for maximum torque transfer and durability
- All drive gears machined from highest grade gear steel
- Vertically oriented oil drain for easy maintenance
- Protected by a skid plate

MFWD

- Electronically selectable by the operator
 - Offers limited slip functionality for precision steering and great traction while pointing and shooting out of a corner.
- Near instantaneous torque to the front wheels after engaging switch
- Vertically oriented oil drain for easy maintenance
- Protected by a steel skid plate and frame

Drive shafts

- Front and rear CV shaft diameter measures 23 mm (0.9 in.) and designed for high engine torque
 - Propshaft (transaxle to MFWD shaft) diameter measures 23.8 mm (0.94 in.) and designed for high engine torque
 - All CV shaft joints are maintenance free and protected by exclusive inboard and outboard thermoplastic elastomer (TPE) boots for durability. TPE material is more puncture resistant than neoprene, which is used by many competitors.
- TEAM is a trademark of TEAM Industries.

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XUV590 transaxle



XUV560/XUV590 MFWD

Operator station and controls

Well-designed digital instrument panel, lighting, and other electrical features



Digital instrument cluster



Fuse block



Back-lit dash switches



Optional speed limiter kit



The Gator™ XUV590E and XUV590M Crossover Series lineup is equipped with an automotive-style fused wiring and control system.

The system decreases troubleshooting and diagnostic time and drastically reduces attachment and accessory installation time.

The wiring and control system offers the following features:

- Digital instrument cluster displays critical vehicle information such as speed, engine rpm, fuel level, coolant temperature, trip, and odometer
- Two recessed headlights for nighttime visibility
 - Two outer halogen lights on XUV590E generating 75W of light provide wide-angle light dispersion
 - Two outer LED headlights on XUV590M

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Light-emitting diode (LED)
headlights on XUV590M

- Raw Lumen Output: 1075
- Nominal LED color temperature: 5000 K
- Dual beam headlights can be added by ordering the following attachments for XUV560E, XUV590E, XUV590M, and S4 models:
 - BM26589 – dual beam LED headlights, including three-position rocker switch
 - BUC10966 - front light harness kit
- Two inner pockets provide a mounting location for the front blinker/four-way flasher lights as part of the turn signal kit
- Automotive-style alternator provides up to 65-amp output
- Lead-acid battery provides 340 cold-cranking amps (CCA)
- Standard 12-V direct current (VDC) outlet is conveniently located on the instrument panel
- Automotive-style fuse block located under seat for easy access
 - Protects against electrical overload
- Optional speed limiter kit reduces the vehicle top speed to 45 km/h (28 mph) when turned on
- Prewired connectors inside dash and under the cargo box to aid accessory installation
- Start in gear, neutral, or park position for quick starting. The service brake must be engaged to start when in gear or neutral.
- XUV590M Utility Vehicles come prewired for a winch to greatly reduce winch install time. Components included in the winch-ready chassis:
 - Winch wiring harness
 - Winch disconnect wiring harness

Serviceability and support

Easy access to key service points

To encourage good maintenance behavior, the XUV Mid-Size Crossover Series Utility Vehicles were designed to access key service points to make maintenance easier.

Some key service points include:

- The hinged hood provides easy access to the underhood components.
- The engine air filter is located behind the seats and is removable without tools.
- Battery is conveniently located under the passenger seat with unobstructed access
- Remote air-intake filter canister is mounted high and between the seats
- Engine oil and transmission fluid fill points and dipsticks are located at the top of these key components, allowing easy access
 - The engine dipstick accessibility is between the lower seat belt anchors and behind a snap-in panel; cargo box contents can stay in place
- Engine oil filter is visible and accessible
- Frame, engine, transmission, and skid plate designs allow accessible drain points that will minimize spills
- Easy-to-remove cargo box provides access to the rear of the vehicle for inspection and service
- For covered areas such as the clutch enclosure, parts and panels have been designed to be removable

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Air and continuously variable transmission (CVT) intake



Underbody of XUV590

Engine

Fully isolated powertrain from vehicle chassis

The powertrain on the XUV590E and XUV590M is fully isolated from the main chassis to greatly reduce vehicle noise and vibration. The isolators are specifically designed to dampen the vibrations produced by the engine so they are not transferred to the operator station.



Isolated powertrain



Isolator

Engine

Delivers quick acceleration and provides a top speed of more than 77 km/h (48 mph)

The Gator™ XUV590E and XUV590M Crossover Series Utility Vehicle is powered by a 586-cc (35.8-cu in.), inline twin-cylinder, electronic fuel-injected (EFI) gasoline engine. The engine is electronically controlled through an engine control unit (ECU) to ensure optimal engine performance.

The engine offers the following performance and reliability features:

- 23.8 kW (32 hp*) at 5600 rpm
- 77 km/h (48 mph) top speed

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Electronic fuel injection (EFI) with engine control unit (ECU)
- Liquid cooled
- Designed for cold-weather starting (tested to -28.9°C [-20°F])
- Wet-sump lubrication system
- Spin-on oil filter and oil pan drain accessible through skid plate for easy servicing
- High air-flow air filter
- 875-W (65 maximum amp) charging system for accessory capability (see engine section for alternator output curve)
- Spark-arresting muffler is United States Forest Service (USFS) approved
- Low fuel consumption and large 28-L (7.4-U.S. gal.) fuel tank
- Environmental Protection Agency (EPA) and California Air Resources Board (CARB) compliant

* The engine horsepower information is provided by the engine manufacturer to be used for comparison purposes only. The actual operating horsepower will be less.



586-cc (35.8-cu in.) gasoline engine



Radiator

Frame, design, and styling

Lightweight frame designed for off-road performance and hard work

The Gator™ XUV Mid-Size Crossover Series Vehicles are built around the operator's station. It was designed for comfort and class-leading ergonomics. At the same time, it was designed to absorb a hit and resist torsion experienced in off-road riding. This versatile, lightweight frame is another reason the Gator XUV possesses excellent off-road performance and the capability to do work.

Key elements of the frame include:

- Full, robotically welded-frame design provides an unrivaled foundation for the occupant protective structure (OPS), which gives the operator and passenger assurance in a high-performance vehicle
- Distinct rear-frame design shields the rear suspension and constant-velocity (CV) shafts from sticks and rocky terrain
- Skid plate protection from the front bumper to the hitch; this provides protection to the operator and critical components such as the differentials engine, cooling system, and gas tank
- E-coated and powder painted for maximum durability in extreme temperatures, salt, and moisture
- Integrated, 50.8-mm (2-in.) rear receiver hitch for leading pulling capability
- Accepts the highly integrated, optional 50.8-mm (2-in.) front receiver hitch with recovery loops and WARN® 1587.6-kg (3500-lb) winch
- Highly rigid rack-and-pinion steering mounts provides the operator with precision steering and minimum bump steer
- Metal-reinforced front bumper and formed-steel skid plate ensure protection to the frame

The uniquely shaped side-frame rails and the rest of the tubular members at the base of the frame provide a rigid backbone for the XUV. The design has been proven through thousands of hours of durability testing in some of the most severe conditions in the world.

Be assured the XUV is built to tackle demanding off-road riding.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

WARN is a trademark of Warn Industries, Inc.



XUV standard rear receiver hitch



Bottom of XUV

Frame, design, and styling

Sleek styling exemplifies capable off-road, yet hard-working performance



XUV shown in green and yellow

A modern front fascia, wide front bumper, sweeping hood lines, and high fender lines complete the styling package:

- Sleek styling exemplifies a capable off-road, yet hard-working vehicle. The Gator™ XUV Series suits the emotional appeal of an operator purchasing a vehicle that is fun and functional.
 - Hard-edged lines
 - Hood bulge
 - Sweeping headlights with mounting locations for a turn signal light kit
 - High front and rear fenders states long wheel travel
 - Well-matched cargo box with truck-style tailgate
- Steel front bumper supports the styled front composite parts, while the heavy steel skid plate provides protection from rocks and stumps
- Styled parts are injection-molded TPO, a durable, engineered plastic designed to sustain impacts; the plastic is paintable
- Accepts the highly integrated optional 50.8-mm (2-in.) front receiver hitch with recovery loops and WARN® 1587.6-kg (3500-lb) winch
- 75-plus attachments, such as roofs, windshields, lights, protection components, and poly cab highly complement the overall look of a capable crossover vehicle.

WARN is a trademark of Warn Industries, Inc.

Frame, design, and styling

Color options available

The Gator™ XUV590 is available in different color options depending on the trim level:
XUV590E S4:

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Green and yellow only
- XUV590E, XUV590M and XUV590M S4:
- Green and yellow
- Camo
- Olive and black



XUV590 shown in green and yellow



XUV590 shown in camo



XUV590 shown in olive and black

Frame, design, and styling

Occupant protective structure (OPS) and occupant side retention (OSR)



XUV590 with OSR nets

A dynamically stable vehicle starts with the architectural design; the Gator™ XUV Crossover Series has a low center of gravity, a wide stance, and balance of weight between the front and rear axles.

The combination leads to a class-leading static stability factor (SSF) and passing a multitude of dynamic stability tests.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

OPS

Standard OPS

Standard OPS with three-point seat belts and OSR nets are shown on the XUV560E.

The OPS is Society of Automotive Engineers (SAE) J2194 certified.

OSR

Meets American National Standards Institute (ANSI) B71.9 certification

- One-handed operation
- Easy entry/exit
- Great visibility



OSR nets (available on
XUV560 & XUV590)



OSR doors (compatible with all
XUV590 two-passenger models)

Frame, design, and styling

Four-wheel independent suspension provides unparalleled ride over challenging terrain and excellent handling through corners

Dual A-arm front suspension features include:

- Dual, wide arch A-arm design provides maximum front-wheel control, precise steering, and maximum ground clearance out to the wheel
- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Adjustable coil-over shocks absorb the most demanding terrain
- Solid anti-roll bar with fully rubber isolated connecting links and pivots is tuned to provide the most agile and predictable handling
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- High-strength ASTM 80-55-06 ductile cast-iron knuckle and upper A-arm to support the high stresses of the shocks, constant-velocity (CV) shaft, and wheels
- Automotive-style, fully boxed and welded, high-strength steel, lower A-arms to minimize unsprung mass and maximize strength
- Maintenance-free, rubber torsional A-arm pivots for long life and quiet operation
- CV shaft protection from sticks that may puncture the rubber boot
- Anti-dive front suspension geometry provides a solid platform for confident braking
- Optimized steering geometry using ADAMS CAR simulation to minimize steering effort and maximize terrain feedback

Optional Fox™ Shocks are available to factory install

Exclusive aluminum-body, high-pressure monotube FOX racing shocks

- Fully adjustable spring preload for different driving styles
- High-pressure nitrogen gas is separated from the damping oil by an internal floating piston (IFP). The separation prevents aeration (frothing) and viscosity degradation of the oil which improves damping consistency and performance fade.
- Pressure and heat generation in the monotube is less than a traditional twin-tube shock, allowing for better vehicle control in aggressive conditions.
- The single aluminum shell of the monotube design allows for more efficient heat rejection and lower overall unsprung mass.
- Mounting the shaft end of the shock to the suspension arm lowers the unsprung mass of the suspension system, leading to improved suspension response.

NASCAR is a trademark of NASCAR. INDYCAR is a trademark of Brickyard Trademarks Incorporated. Formula 1 is a trademark of Formula One Licensing BV, a Formula One Group Company.



XUV front suspension detail

To complement the comfortable operation station, the XUV560 and XUV590 Series are equipped with four-wheel independent suspension. This unique suspension set-up provides an unparalleled ride over challenging terrain and excellent handling through corners.

The engineering team, in collaboration with engineering firms that consult with Formula 1®, NASCAR®, and INDYCAR® teams, built a capable suspension system for class-leading operator comfort no matter what the terrain.

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT



XUV rear suspension detail

Independent rear suspension features include:

- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Unique, independent rear-suspension design ensures a great ride and protection for the CV shafts
- Adjustable coil-over shocks absorb the most demanding terrain
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle, lower A-arm, and upper link to support the high stresses of the shocks, CV shaft, and wheels with the toughness to survive impacts from boulders
- Maintenance-free rubber torsional A-arm pivots for long life and quiet operation

Performance and drivetrain

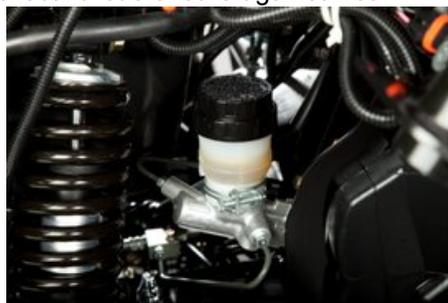
Equipped with premium braking system

An off-road vehicle that is expected to tackle the toughest jobs, take on demanding terrain, and deliver high-performance needs requires a premium braking system. The Gator™ XUV Mid-Size Crossover Series Utility Vehicles are equipped with premium features:

- Automotive-style, four-wheel hydraulic disc brakes with front left/rear right and front right/rear left circuits ensure front and rear braking capability, even in the event of a damaged line
- Designed for smooth-feeling engagement and minimal brake fade
 - Over two-thirds of the brake lines are metal tubing, minimizing brake fade during high-performance driving
 - Rubber lines have an expansion rate equal to stainless-steel brake line
- Automotive-style, dual-circuit master cylinder with a see-through reservoir
- The braking system offers the following for superior all-terrain performance:
 - Twin-piston front calipers and single-piston rear calipers for superior stopping capability
 - Large, 196-mm (7.7-in) cross-drilled stainless-steel rotors that dissipate heat and resist brake fade, lower un-sprung mass for better ride quality, and are more resistant to rusting.
 - Sintered brake pads for positive stopping in wet or dry conditions
 - Aluminum calipers are strong but light weight for lower unsprung weight
 - Abrasion-resistant sleeve over rubber brake lines in critical areas ensure against wear



Brake without wheel and tire



Master cylinder

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Performance and drivetrain

Handles with automotive-type rack-and-pinion steering

Automotive-type rack-and-pinion steering features include:

- Steel ball-bearings secure the steering shaft and deliver smooth, responsive operation
 - Tight turn circle of 3.7 m (12.3 ft) for excellent maneuverability with the XUV560/XUV590 and a circle of 6 m (19.7 ft) for the XUV560 S4/XUV590 S4
 - Completely sealed rack and pinion for long life
 - Low steering ratio (lock-to-lock steering wheel rotations) provides more responsive steering and less operator input
 - Steering shaft U-joints are phased for a smooth, uninterrupted motion of the steering wheel
 - Ackerman steering design provides more responsive steering, decreases tire wear when used on hard surfaces, and is turf friendly
 - Minimal bump steer eliminates unintended vehicle direction changes when traversing terrain and permits less feedback to the steering wheel (see description below)
- Tire scrubbing, which also creates unwanted heat and wear in the tire, can be eliminated by turning the inside wheel at a greater angle than the outside one (Ackerman steering).

NOTE: Some competitors use parallel steering instead of Ackerman steering.

Bump steering defines the change in the forward steering angle (thus wheel position) as the suspension travels through its full motion. A large amount of angular change (5 degrees to 7 degrees) will alter the vehicle's direction and excessively move the steering wheel.

The Gator™ XUV Crossover Series Utility Vehicles are equipped with rack-and-pinion steering and a dual A-arm front suspension. These automotive-type systems exhibit excellent handling characteristics, as well as responsive steering and low steering effort.

Performance and drivetrain

Four-wheel independent suspension provides unparalleled ride over challenging terrain and excellent handling through corners

Dual A-arm front suspension features include:

- Dual, wide arch A-arm design provides maximum front-wheel control, precise steering, and maximum ground clearance out to the wheel
- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Adjustable coil-over shocks absorb the most demanding terrain
- Solid anti-roll bar with fully rubber isolated connecting links and pivots is tuned to provide the most agile and predictable handling
- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle and upper A-arm to support the high stresses of the shocks, constant-velocity (CV) shaft, and wheels
- Automotive-style, fully boxed and welded, high-strength steel, lower A-arms to minimize unsprung mass and maximize strength
- Maintenance-free, rubber torsional A-arm pivots for long life and quiet operation
- CV shaft protection from sticks that may puncture the rubber boot
- Anti-dive front suspension geometry provides a solid platform for confident braking
- Optimized steering geometry using ADAMS CAR simulation to minimize steering effort and maximize terrain feedback

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

Optional Fox™ Shocks are available to factory install

Exclusive aluminum-body, high-pressure monotube FOX racing shocks

- Fully adjustable spring preload for different driving styles
- High-pressure nitrogen gas is separated from the damping oil by an internal floating piston (IFP). The separation prevents aeration (frothing) and viscosity degradation of the oil which improves damping consistency and performance fade.
- Pressure and heat generation in the monotube is less than a traditional twin-tube shock, allowing for better vehicle control in aggressive conditions.
- The single aluminum shell of the monotube design allows for more efficient heat rejection and lower overall unsprung mass.
- Mounting the shaft end of the shock to the suspension arm lowers the unsprung mass of the suspension system, leading to improved suspension response.

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XUV front suspension detail



XUV rear suspension detail

To complement the comfortable operation station, the XUV560 and XUV590 Series are equipped with four-wheel independent suspension. This unique suspension set-up provides an unparalleled ride over challenging terrain and excellent handling through corners.

The engineering team, in collaboration with engineering firms that consult with Formula 1®, NASCAR®, and INDYCAR® teams, built a capable suspension system for class-leading operator comfort no matter what the terrain.

Independent rear suspension features include:

- 203 mm (8 in.) of travel provides ample compression and wheel extension, which keep all four wheels on the ground for superior traction and vehicle control
- Unique, independent rear-suspension design ensures a great ride and protection for the CV shafts
- Adjustable coil-over shocks absorb the most demanding terrain

Quote ID :26019816 Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

- Camber during compression to compensate for body roll and to maintain an optimal tire contact patch for improved cornering grip
- Increasing vehicle width during compression for additional stability.
- High-strength ASTM 80-55-06 ductile cast-iron knuckle, lower A-arm, and upper link to support the high stresses of the shocks, CV shaft, and wheels with the toughness to survive impacts from boulders
- Maintenance-free rubber torsional A-arm pivots for long life and quiet operation

Product Specification Details :

Manufacturer John Deere Gator XUV590M (Model year 2022)

Model

Engine

Type	4-cycle gas, inline-twin, electronic fuel injection (EFI), overhead valves (OHV)
Displacement	586 cc
Power	23.8* kW 32 hp
Cooling system	Liquid cooled

Drivetrain

Transmission	Continuously Variable Transmission (CVT) with clutch enclosure
Final drive	Park, high, low, neutral, reverse transaxle
Four wheel drive	Dash switch actuated four-wheel drive system with limited slip front differential plus locking rear differential
Traction assist	Positive locking, switch actuated rear differential lock
Descent control	Not available

Suspension

Front	Fully independent dual A-arm with adjustable coil-over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear	Fully independent with lower A-arm and upper camber link with adjustable coil-over shocks, 203 mm (8 in.) travel

Dimensions / Capacities

Wheelbase	1.86 m 72.8 in.
Weight	With fuel and fluids: 676 kg 1491 lb
Length	2870 mm 113 in.
Width	1435 mm 56.5 in.
Height	1867 mm 73.5 in.
Tread centers	Front: 1220 mm 48 in.
Ground clearance	Minimum: 267 mm 10.5 in.
Fuel capacity	28 L 7.4 U.S. gal.
Cargo box dimensions	82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ³ 8.9 cu ft
Cargo box capacity (weight)	227 kg 500 lb
Payload capacity	408 kg 900 lb
Towing capacity	680 kg 1500 lb
Hitch	Standard 50 mm (2 in.) rear receiver with optional 50 mm (2 in.) front receiver with recovery loops

Tires / Wheels

Quote ID :26019816Customer Name : EAST GRAND FORKS POLICE DEPARTMENT

	25x8-12 Terra Hawk all-terrain on steel wheels
	25x10-12 Terrahawk AT (All Terrain) 4-ply rating steel wheels, various colors or 26x10-14 Maxxis Bighorn 2.0 6-ply rating aluminum alloy wheels, various colors or 26x10-14 Maxxis Bighorn 2.0 6-ply rating steel wheels, various colors
Brakes	196 mm (7.7 in.) ventilated four-wheel stainless-steel disc brakes with 34.93 mm (1.375 in.) diameter hydraulic twin-piston calipers
Park brake	Park in-transmission
Features	
Color	Green/yellow, olive/black, or TRUETIMBER® Kanati camo
Power steering	Standard
Battery / Alternator / Power port	340 CCA At 3400 rpm regulated: 65 amp 12 VDC standard outlet
Instrumentation	Digital display (gear position, system diagnostic light, speed, rpm, 4WD indicator, rear differential indicator, fuel level, coolant temperature, hour meter, miles, and service interval warning light)
Storage	Two cupholders, sealed underhood storage, glovebox
Seating	Bench seat
Headlights	---
Front-mounted LED worklights	---
Cargo box power lift	---
Key Specs	
Engine power	23.8* kW 32 hp 82 x 120.9 x 29.7 cm 32.3 x 47.6 x 11.7 in. 0.25 m ² 8.9 cu ft 227 kg 500 lb 680 kg 1500 lb
Front suspension	Fully independent dual A-arm with adjustable coil-over shocks, 203 mm (8 in.) travel, anti-roll bar
Rear suspension	Fully independent with lower A-arm and upper camber link with adjustable coil-over shocks, 203 mm (8 in.) travel Park, high, low, neutral, reverse transaxle Dash switch actuated four-wheel drive system with limited slip front differential plus locking rear differential 28 L 7.4 U.S. gal.
Additional information	
Country of Manufacture	U.S.
Date collected	21-Oct-2021

Extended Repair Plan Proposal

PowerGard™ Protection Plan Residential

Date : February 24, 2022					
Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Plan Type:		Deductible:	
Equipment Type	GATOR, XUV590M	Coverage:		Quoted Price	\$ 0.00
Model	GATOR, XUV590M	Total Months:			
		Total Hours:			
<small>THIS PROPOSAL IS VALID FOR 30-DAYS FROM DATE ISSUED. GRACE pricing is offered only early during the Deere basic warranty period and has no surcharges. After this period, DELAYED PURCHASE pricing (surcharged) is offered later during the John Deere Basic Warranty. Many PowerGard quotes presented in the Delayed Purchase Period will require inspection/certification process and must also past fluid testing. The Total Months and Total Hours listed above include the John Deere Basic Warranty terms (24 months / 2000 hours on Tractors, 24 months on Golf & Turf Products, 12 months for all AG Harvesting and Sprayer equipment, and 12 months/1000 hours on most Gator Utility Vehicles). "Limited" Plan coverage = Engine & Powertrain only. "Comprehensive" Plan coverage = Full Machine.</small>					

Proposal Prepared for:

I have been offered this coverage and

Customer Name - Please Print

I ACCEPT the Residential plan

I DECLINE the Residential plan

Customer Signature

If declined, I fully understand that my equipment listed above is not covered for repair expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific PowerGard™ Protection plan Residential coverage, please refer to the terms and conditions on John Deere's public website(www.JohnDeere.com) under Services & Support >Warranty > Extended Warranties > PowerGard protection plan Residential.

PowerGard™ Protection Plan Residential (Residential plan) is:

The PowerGard™ Protection Plan Residential is an extended repair plan that provides parts and labor coverage up to four years beyond the manufacturer's warranty. It is available on all riding lawn equipment, zero-turn radius mowers, utility vehicles, utility tractors and compact utility tractors. Your John Deere equipment will be in the hands of qualified, certified technicians from John Deere dealers using Genuine John Deere Parts.

Not covered under a Residential plan:

Residential plans do not cover routine maintenance services or items normally designed to be replaced by the purchaser due to normal wear and tear. They do not cover any product used for commercial or rental applications. They also do not cover repairs for damage from accident, misuse, fire, theft, or exposure to weather conditions such as lightning, hail, flood or water. See the actual PowerGard™ Protection Plan Residential Terms and Conditions for a complete listing of coverage, and limitations and conditions under the program.

Benefits of a Residential plan:

- Offer the choice of adding up to 4 years of repair coverage beyond the machine's factory warranty.
- Do not require preapproval before repairs are made by the authorized John Deere dealership.
- Is transferable by the original purchaser for the balance of the original agreement period.
- Ensures higher resale value and makes equipment more marketable during sale or trade-in.
- Comprehensive Plans:
 - No deductibles and no out-of-pocket costs on covered repairs.
 - Free transportation for factory warranty and extended repair plan repairs for the term of the plan (Note: A surcharge may apply for machines located outside of the dealership's normal service area).
- Limited Powertrain Plans:
 - Low deductibles on covered repairs
 - Do not provide transportation coverage

Quote Summary

Prepared For:
 CITY OF EAST GRAND FORKS
 600 DEMERS AVE
 EAST GRAND FORKS, MN 56721
 Business: 218-773-2483

Prepared By:
 Jeremy Glanner
 True North Equipment Co.
 14854 Highway 17
 Grafton, ND 58237
 Phone: 701-352-1401
 jglanner@truenorthequipment.com

Quote Id: 26136865
Created On: 23 February 2022
Last Modified On: 23 February 2022
Expiration Date: 31 May 2022

Equipment Summary	Suggested List	Selling Price	Qty	Extended
2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	\$ 16,527.79	\$ 13,825.00 X	1 =	\$ 13,825.00
Equipment Total				\$ 13,825.00

Quote Summary	
Equipment Total	\$ 13,825.00
SubTotal	\$ 13,825.00
Est. Service Agreement Tax	\$ 0.00
Total	\$ 13,825.00
Balance Due	\$ 13,825.00

Selling Equipment

Quote Id: 26136865

Customer: CITY OF EAST GRAND FORKS

2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)				
Hours:			Suggested List	
Stock Number:			\$ 16,527.79	
			Selling Price	
			\$ 13,825.00	
Code	Description	Qty	Unit	Extended
592DM	GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	1	\$ 13,449.00	\$ 13,449.00
Standard Options - Per Unit				
001A	US / CANADA	1	\$ 0.00	\$ 0.00
0505	Build to Order	1	\$ 0.00	\$ 0.00
1000	25" Terra Hawk all-terrain tires on 12" Yellow Steel Wheels	1	\$ 0.00	\$ 0.00
2006	Bench Seat - Yellow	1	\$ 0.00	\$ 0.00
2302	Standard Tenneco Twin Tube Shock	1	\$ 0.00	\$ 0.00
2350	Park Position in Transmission	1	\$ 0.00	\$ 0.00
2500	Green & Yellow	1	\$ 0.00	\$ 0.00
3100	Manual Lift	1	\$ 0.00	\$ 0.00
4002	OPS with Nets & Brake/Taillights	1	\$ 0.00	\$ 0.00
4030	Black Roof	1	\$ 389.00	\$ 389.00
4149	Less Packages	1	\$ 0.00	\$ 0.00
6349	Less Winch Package	1	\$ 0.00	\$ 0.00
Standard Options Total				\$ 389.00
Dealer Attachments				
BM23370	Horn Kit	1	\$ 121.34	\$ 121.34
BM23373	Full No-Scratch Flip-Open Windshield	1	\$ 730.28	\$ 730.28
BM25148	Occupant Protective Structure (OPS) Rear View Mirror	1	\$ 106.74	\$ 106.74
BUC10790	Turn Signal Kit	1	\$ 368.51	\$ 368.51
BUC10966	Harness Kit - HARNESS KIT, FRONT BRUSH GUARD	1	\$ 162.92	\$ 162.92
Dealer Attachments Total				\$ 1,489.79
Value Added Services Total				\$ 0.00
Other Charges				
	Freight	1	\$ 600.00	\$ 600.00
	Setup	1	\$ 600.00	\$ 600.00
Other Charges Total				\$ 1,200.00
Suggested Price				\$ 16,527.79
Customer Discounts				
Customer Discounts Total			\$ -2,702.79	\$ -2,702.79
Total Selling Price				\$ 13,825.00



JOHN DEERE

Selling Equipment

Quote Id: 26136865

Customer: CITY OF EAST GRAND FORKS



Quote Summary

Prepared For:
 CITY OF EAST GRAND FORKS
 600 DEMERS AVE
 EAST GRAND FORKS, MN 56721
 Business: 218-773-2483

Prepared By:
 Jeremy Glanner
 True North Equipment Co.
 14854 Highway 17
 Grafton, ND 58237
 Phone: 701-352-1401
 jglanner@truenorthequipment.com

Quote Id: 26136865
Created On: 23 February 2022
Last Modified On: 23 February 2022
Expiration Date: 31 May 2022

Equipment Summary	Suggested List	Selling Price	Qty	Extended
2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	\$ 23,742.55	\$ 20,550.00	X 1 =	\$ 20,550.00
Equipment Total				\$ 20,550.00

Quote Summary	
Equipment Total	\$ 20,550.00
SubTotal	\$ 20,550.00
Est. Service Agreement Tax	\$ 0.00
Total	\$ 20,550.00
Balance Due	\$ 20,550.00

Selling Equipment

Quote Id: 26136865

Customer: CITY OF EAST GRAND FORKS

2022 JOHN DEERE GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)

Hours: **Suggested List**
 Stock Number: \$ 23,742.55

Selling Price
 \$ 20,550.00

Code	Description	Qty	Unit	Extended
592DM	GATOR™ XUV590M Power Steering Winch Ready (Model Year 2022)	1	\$ 13,449.00	\$ 13,449.00

Standard Options - Per Unit

001A	US / CANADA	1	\$ 0.00	\$ 0.00
0505	Build to Order	1	\$ 0.00	\$ 0.00
1000	25" Terra Hawk all-terrain tires on 12" Yellow Steel Wheels	1	\$ 0.00	\$ 0.00
2006	Bench Seat - Yellow	1	\$ 0.00	\$ 0.00
2302	Standard Tenneco Twin Tube Shock	1	\$ 0.00	\$ 0.00
2350	Park Position in Transmission	1	\$ 0.00	\$ 0.00
2500	Green & Yellow	1	\$ 0.00	\$ 0.00
3100	Manual Lift	1	\$ 0.00	\$ 0.00
4002	OPS with Nets & Brake/Taillights	1	\$ 0.00	\$ 0.00
4030	Black Roof	1	\$ 389.00	\$ 389.00
4149	Less Packages	1	\$ 0.00	\$ 0.00
6313	Winch Package	1	\$ 777.00	\$ 777.00

Standard Options Total

\$ 1,166.00

Dealer Attachments

BUC10253	Door seal kit (2 pass)	1	\$ 133.70	\$ 133.70
BUC10184	Heater Kit	1	\$ 1,005.54	\$ 1,005.54
BM25969	Poly Cab Door Closeout Panels	1	\$ 153.92	\$ 153.92
BM25014	Occupant Protective Structure (OPS) Rear Panel	1	\$ 689.84	\$ 689.84
BUC10627	Front Fender Panel Kit	1	\$ 44.94	\$ 44.94
BUC10542	Poly Door Kit, MDUV 2 Pass	1	\$ 3,509.82	\$ 3,509.82
BM23370	Horn Kit	1	\$ 121.34	\$ 121.34
BM23373	Full No-Scratch Flip-Open Windshield	1	\$ 730.28	\$ 730.28
BM25148	Occupant Protective Structure (OPS) Rear View Mirror	1	\$ 106.74	\$ 106.74
BUC10966	Brush Guard Light Harness Kit	1	\$ 162.92	\$ 162.92
BUC10790	Turn Signal Kit	1	\$ 368.51	\$ 368.51

Dealer Attachments Total

\$ 7,027.55

Value Added Services Total

\$ 0.00

Other Charges

Freight	1	\$ 600.00	\$ 600.00
Setup	1	\$ 600.00	\$ 600.00

Selling Equipment

Quote Id: 26136865

Customer: CITY OF EAST GRAND FORKS

Install Cab\Heater	1	\$ 900.00	\$ 900.00
Other Charges Total			\$ 2,100.00
Suggested Price			\$ 23,742.55
Customer Discounts			
Customer Discounts Total		\$ -3,192.55	\$ -3,192.55
Total Selling Price			\$ 20,550.00

Request for Council Action

Date: February 22, 2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Vice-President Tim Riopelle; Council members Clarence Vetter, Dale Helms, Brian Larson, Tim Johnson, and Marc DeMers.

Cc: File

From: Reid Huttunen, Parks & Recreation

RE: Request approval of canopy roof replacement at Senior Citizens Center

Background:

\$25,000 is budgeted in the building maintenance fund for replacement of the front canopy roof at the Senior Citizens Center. The existing roof covering is a gravel covered ballast roof and is beyond its useful life. I have requested a price quote from two local roofing companies for an Adhered EPDM Roofing system, with a ½" fastened insulation underlayment and new metal flashing where the canopy meets the main building.

Quotes were received from:

Skinner Roofing: \$16,200.00

Tecta America: \$26,407.00

Recommendation:

Approval of the project as quoted to Skinner Roofing at a price of \$16,200.00

Enclosure:

Skinner Roofing quote

Tecta American quote

SKINNER ROOFING

3013 27th Ave N
Grand Forks, ND 58203
Phone # 701-772-3636

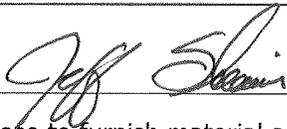
Proposal

Date	Proposal #
2/21/2022	554

Billing:
City of East Grand Forks

Project:

Description	Total
Canopy roof at Senior Citizen Center We propose to remove existing roofing down to insulation, mechanically fasten 1/2" fiberboard overlayment, fully adhere .060 mil EPDM rubber membrane roofing. New pre-finished metal edgings at perimeter. Three thru overhang drains will be used with existing downspouts.	16,200.00
Total	\$16,200.00



We propose to furnish material and labor in accordance with the above specifications.

The above prices, specifications, and conditions are satisfactory and are hereby accepted.

Terms: Work will be completed according to standard practices. Customer is responsible for any building permits necessary. Any electrical or mechanical work to allow for re-roofing will be paid by the customer. For any late/delinquent payments, customer agrees to pay interest of 1.5% per month until paid. A lien may be placed on the property in the event of non-payment. Customer agrees to pay all costs and expenses, including attorney's fees, incurred by Contractor in collecting any sums due to Contractor by the terms thereof.



TECTA AMERICA
DAKOTAS
 ROOFING & SHEET METAL SERVICES

Q U O T A T I O N

B011975

1810 North 6th Street
 PO Box 12878
 Grand Forks, ND 58208
 Office: 701.775.5369
 Fax: 701.775.2419

205 42nd Street SE, Ste. 100
 Minot, ND 58702
 Office: 701.838.5945
 Fax: 701.838.5864

2315 7th Avenue North
 Fargo, ND 58102
 Office: 701.232.7330
 Fax: 701.232.5298

105 7th Avenue SE
 Jamestown, ND 58401
 Phone: 701.252.2403
 Fax: 701.775.2419

213 Riverwood Ave SE
 Mandan, ND 58554
 Phone: 701.663.8972

314 5th Street SE
 Devils Lake, ND 58301
 Office: 701.662.8137
 Fax: 701.662.3190

Equal Opportunity Employer / Toll Free: 1.800.732.4246 / www.tectaamerica.com

TO	EGF – Senior Center 538 Rhinehart Drive SE East Grand Forks, MN 56721	DATE	January 12, 2022
		PROJECT	Entryway Canopy Roof 10'x122' (1220SF)
		LOCATION	East Grand Forks, Minnesota

WE ARE PLEASED TO QUOTE ON THE FOLLOWING

SCOPE OF WORK

- Set up at site. Protect building from debris, and secure work area.
- Remove the existing roof down to the metal deck.
- Remove unused electrical penetrations
- Install a layer of 1/2" ISOgard insulation to the deck using mechanical fasteners at the rate of one per two square feet.
- Install a 60-mil adhered Firestone EPDM roofing system in accordance with manufacturer's recommendations.
- Fabricate and install new prefinished galvanized cant metal at roof perimeter.
- Fabricate and install new prefinished galvanized counterflashing at high wall.
- Provide a manufacturer's ten-year guarantee.

All of the above work will be provided for the sum of \$26,407.00

Note No. 1:

- With material pricing volatility and freight availability we reserve the right to review all prices and make adjustments as needed.

Note No. 2:

- Electrical lines for lighting to be disconnected and moved by another qualified contractor.

Exclusions:

- Disconnect or reconnects of any electrical lines, gas lines, or roof top units; Snow and ice removal; Replacing or repairing damaged or deteriorated decking.

The parties acknowledge that the potential effects of the global outbreak of the Coronavirus (COVID-19) on the construction industry and the performance of construction projects are not yet fully known and are beyond the control of the parties. The effects of this outbreak may adversely affect the Contractor's (or Subcontractor's) labor force, the supply chain for materials, the delivery of materials and/or otherwise adversely affect the Contractor's (or Subcontractor's) performance of the work, causing delays in the prosecution and completion of the work and the project. The parties agree that delays resulting from the effects of the Coronavirus are beyond the control of the Contractor (or Subcontractor) and the Contractor (or Subcontractor) will be granted a reasonable extension of time and a potential equitable adjustment to complete its work if such delays occur.

Building Permit. Some cities require a building permit be purchased for re-roofing projects. Unless specifically stated on this proposal, Tecta America Dakotas LLC has not included that cost. Expiration. This proposal expires 30 days from date hereof.

See additional conditions on reverse.

Accepted

Tecta America Dakotas LLC

By _____
 (Authorized Signature)

By _____
 Josh Lundblad
 - 701-740-8254

Please sign front, initial back and return one copy. By signing, both parties agree to the Terms and Conditions on reverse.

Request for Council Action

Date: February 25, 2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council Members Clarence Vetter, Dale Helms, Brian Larson, Tim Johnson, and Marc Demers

Cc: File

From: Steve Emery, P.E.

RE: Variance Request Highway 220 Traffic Signals & Pedestrian Crosswalk System Project

Background:

MNDOT will have a project this summer which will replace the Traffic Signals at Highway 220 & 14th St and also include the installation of a Pedestrian Crosswalk System at Highway 220 & 17th St. The City is responsible for ½ of the cost of the Traffic Signal and Pedestrian Crosswalk System. The City's cost is estimated at \$242,599.96 which is based on actual bid costs received by MNDOT.

The intent was for the City to utilize their State Aid Allocation Funds to pay for this work. However, we found after the fact that if the City wanted to utilize state aid funds, the plans would have had to have been approved by MNDOT State Aid Engineer as well as the City would have had to request a project number.

Therefore, since these steps were not completed, we are now requesting a variance from MNDOT to approve the plans now after bid opening to allow the City to utilize state aid funds to pay for your share of the cost.

Recommendation:

My recommendation would be to approve resolution to allow the City to utilize state aid funds to pay for this MNDOT lead project.

Enclosures:

Resolution.

RESOLUTION NO. 22 – 02 - 19
CITY OF EAST GRAND FORKS, MINNESOTA

A RESOLUTION REQUESTING A VARIANCE FROM STANDARD FOR STATE AID OPERATION FOR PROJECT NO: S.P. 6017-44 (S.A.P. 119-118-005 & 119-101-011)

WHEREAS, MNDOT has prepared plans for T.H. 220, Signal Replacement and ADA Improvements from T.H. 2 to 17th ST NW and

WHEREAS, Minnesota Rules for State Aid Operation 8820.1500 Subpart 12 require the governing body of an urban municipality desiring to use a portion of its state-aid funds for improvements within its boundaries on a state trunk highway or county state-aid highway, must have the plans approved by the state-aid engineer before bids are opened for these purposes; and

WHEREAS, the reason for this variance request is the City of East Grand Forks did not have the plans approved by the state aid engineer and the city is requesting to utilize state aid funds to pay for their share of the traffic signals and pedestrian crosswalk flasher system as per Cooperative Agreement No. 1046434.

NOW, THEREFORE BE IT RESOLVED, that the City Council of East Grand Forks does hereby request a variance from the Minnesota Department of Transportation State Aid Operations Rules Chapter 8820.1500 Subpart 12 to allow funds to be eligible for state aid construction with the state aid engineer plan approval after opening of bids in lieu of plan approval before opening bids.

BE IT FURTHER RESOLVED, that the City of East Grand Forks City Council hereby indemnifies, saves and hold harmless the State of Minnesota and its agents and employees of and from claims, demands, actions, or causes of action arising out of or by reason of being able to utilize state aid funds on S.P. 6017-44 (S.A.P. 119-118-005 & 119-101-011) in accordance with Minnesota Rules 8820.3300 and further agrees to defend at their sole cost and expense any action or proceeding commenced for the purpose of asserting any claim arising as a result of the granting this variance.

Voting Aye:

Voting Nay:

The President declared the resolution passed.

Passed: February 28, 2022

Attest:

City Administrator/Clerk-Treasurer

President of Council

I hereby approve the foregoing resolution this 28th day of February, 2022.

Mayor

CERTIFIED

STATE OF MINNESOTA
COUNTY OF POLK

I hereby certify that the foregoing Resolution No. 22-02-19 is a true and correct copy of the Resolution presented to and adopted by the City of East Grand Forks at a duly authorized meeting thereof held on the 28th day of February, 2022, as shown by the minutes of said meeting in my possession.

City Administrator

Notary Public _____
My Commission expires _____

(SEAL)

Request for Council Action

Date: 2/22/2022

To: East Grand Forks City Council Mayor Steve Gander, Council President Mark Olstad, Council Vice-President Tim Riopelle, Council members Clarence Vetter, Dale Helms, Tim Johnson, Marc DeMers, and Brian Larson.

Cc: File

From: Fire Chief Jeff Boushee

RE: Start bid process for St 1 roof replacement

Background:

Fire Station #1 is in need of a roof replacement, as evident from leaks and also a roof inspection performed last summer. In preparing for this we have contracted with Roof Spec Inc. (RSI) to prepare design specifications and manage the bidding process. Design specifications are complete, we are now ready to start the bid process. With approval to move forward with the bidding process we are projecting that bids would be due around April 5th.

Budgetary Impact:

This project has been budgeted for by using the building maintenance fund. The total estimated cost of the new roof is \$244,046.00

Recommendation:

To authorize Roof Spec Inc. to start the bidding process in accordance to competitive bidding requirements set forth by Minnesota State Statutes.

Enclosures:

RSI Fire Station #1 Roof Inspection Report
RSI Design Specification Report



SEPTEMBER 27, 2021

REVIEW OF ROOF CONSTRUCTION

**FIRE STATION #1
415 4TH STREET NW
EAST GRAND FORKS, MN**

RSI PROJECT #21-13479-01



Prepared For:

Ms. Karla Anderson
Finance Director
City of East Grand Forks
600 DeMers Ave NW
East Grand Forks, MN 56721

Email: kanderson@egf.mn

Prepared By:

Mr. Dan Trenda, RRO, RRC
Project Manager

Roof Spec, Inc.
2400 Prior Avenue North
St. Paul, Minnesota 55113
Phone: (651) 639-0644
www.roofspec.com

St. Paul, Minnesota



I INTRODUCTION:

On September 21, 2021, we were present at the above referenced facility to perform a review of the existing roof assemblies:

In general, our scope of work was as follows:

- A. Review each of the various roof sections to identify any deficiencies;
- B. Obtain photographs to substantiate our findings;
- C. Based on the information obtained, develop a report with conclusions as to the condition of the roof assembly with recommendations for repair or replacement.

Our work was requested and authorized by Ms. Karla Anderson, Finance Director for the City of East Grand Forks.

II BACKGROUND INFORMATION:

Fire Station #1 is of typical CMU construction with a brick veneer façade. Multiple additions have been made to the facility over its lifetime. This has created multiple roof elevations and areas. The roof system on roof areas A – D consists of a 45mil ballasted EPDM roof membrane over an unknown amount of insulation. The roof system is supported by a concrete plank roof deck.

Drainage is accomplished via internal primary roof drains with no accommodation for overflow drainage observed. The manufacturers stamp indicates an approximate installation in 1997 making the roof 24 years in age.

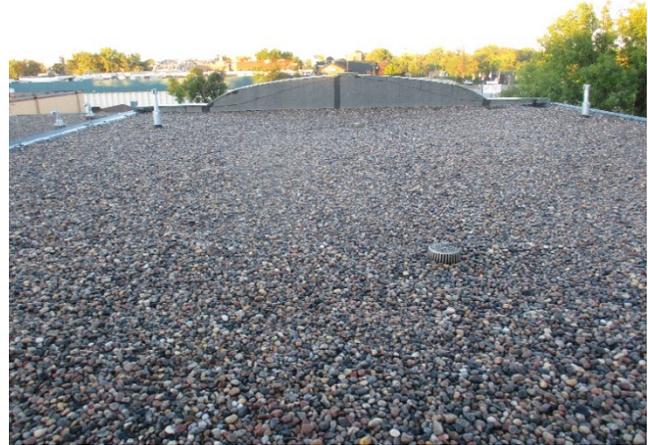
Roof Area E consists of a standing seam prefinished metal roof. Drainage is accomplished via structural slope to perimeter gutters and downspouts.



III FIELD OBSERVATIONS:

AREA A:

Overview of the roof area.
(Refer to photograph #1.)



Photograph #1

The membrane is bridging at the horizontal to vertical transition along the north parapet wall.
(Refer to photograph #2.)



Photograph #2

Flashing membrane is delaminating and is open to possible water infiltration at numerous locations.
(Refer to photographs #3 - #7.)



Photograph #3



Photograph #4



Photograph #5

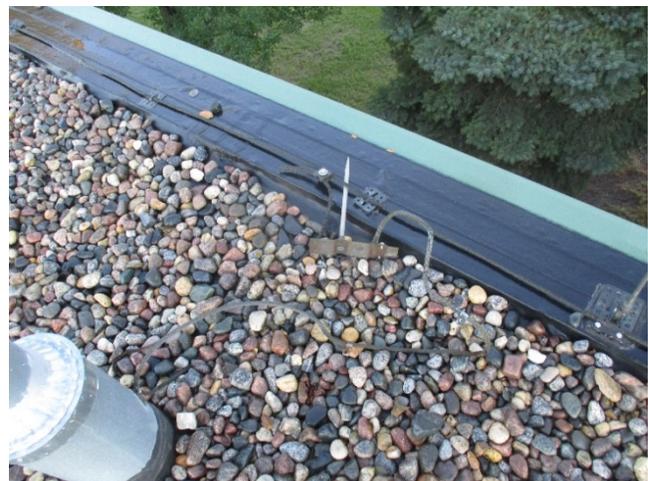


Photograph #6



Photograph #7

At multiple locations, we noted the lightning protection has been displaced.
(Refer to photographs #8 & #9.)



Photograph #8



Photograph #9

The aggregate ballast has been displaced in the northwest corner.
(Refer to photograph #10.)



Photograph #10

AREA B:

Overview of the roof area.
(Refer to photograph #11.)



Photograph #11



The flashing membrane has deteriorated on the sheet metal drip edge.
(Refer to photograph #12.)



Photograph #12

Improper guy wire support with a lag bolt and sealant was noted. The sealant has deteriorated leaving the area open to moisture intrusion.
(Refer to photograph #13.)



Photograph #13

Membrane bridging at the vertical to horizontal transition was noted throughout the perimeter.
(Refer to photographs #14 - #16.)



Photograph #14



Photograph #15



Photograph #16

At multiple locations, we noted the lightning protection has been displaced.
(Refer to photographs #17 - #20.)



Photograph #17



Photograph #18



Photograph #19



Photograph #20

The aggregate ballast has been displaced.
(Refer to photograph #21.)



Photograph #21

AREA C:

Overview of the roof area.
(Refer to photograph #22.)



Photograph #22



Holes in the flashing membrane were noted at two locations.
(Refer to photographs #23 & #24.)



Photograph #23



Photograph #24

The membrane is bridging at the vertical to horizontal transitions.
(Refer to photographs #25 & #26.)



Photograph #25



At this location the plywood sheathing has been displaced from the wall.
(Refer to photograph #26.)



Photograph #26

The clamp for a pipe boot has broken and left the penetration open to possible water intrusion.
(Refer to photograph #27.)



Photograph #27

Numerous repairs with sealant have been performed at a pitch pan location.
(Refer to photograph #28.)



Photograph #28



An area of ponding water was noted along the west perimeter.

(Refer to photograph #29.)



Photograph #29

AREA D:

Overview of the roof area.

(Refer to photograph #30.)



Photograph #30

A seam in the flashing membrane is open to water infiltration.

(Refer to photograph #31.)



Photograph #31



The membrane is bridging along the east perimeter wall.
(Refer to photograph #32.)



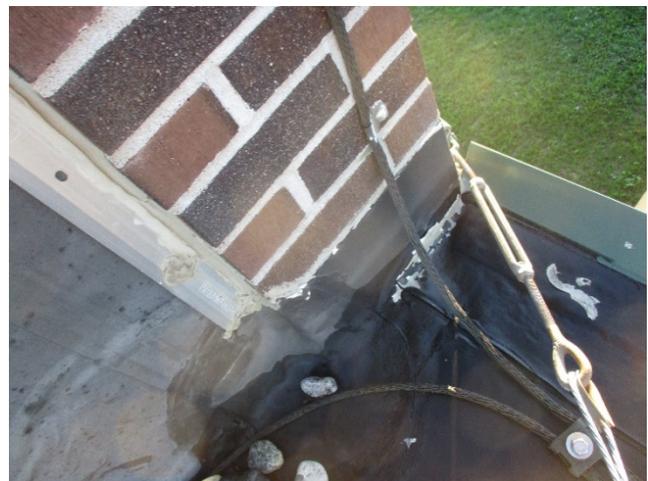
Photograph #32

The aggregate ballast has been displaced.
(Refer to photograph #33.)



Photograph #33

The termination bar is missing at the roof to wall transition.
(Refer to photograph #34.)



Photograph #34



AREA E:

Overview of roof area.
(Refer to photograph #35.)



Photograph #35

IV CONCLUSIONS & RECOMMENDATIONS:

Roof Areas A – D were found to be in relatively poor condition at the time of our review. Leakage was reported at various times and locations by onsite firefighters and evidenced by stained ceiling tiles. Moderate to severe bridging of the membrane at the vertical to horizontal transitions were noted on all roof areas. At two locations we noted the membrane has displaced the plywood sheathing from the perimeter walls. Deteriorated and/or open flashing seams were also noted on all roof areas. Additionally, the aggregate ballast has been displaced at numerous locations throughout all roof areas. At 6 locations on Roof Areas A and B we noted lightning protection rods have become detached and were lying on the roof membrane. Due to the apparent age and condition of the roof, we recommend only remedial repairs be made until roof replacement can occur.

Roof Area E is in good condition and no defects were observed at the time of our review.

V BUDGET FORECAST:

<u>Year</u>	<u>Roof Areas</u>	<u>Description</u>	<u>Estimated Cost</u>
2021	A - D	Remedial repairs as necessary.	\$2,000.00
<u>Year</u>	<u>Roof Areas</u>	<u>Description</u>	<u>Estimated Cost</u>
2022	A - D	Roof replacement with 60 Mil ballast EPDM Approximately 13,124 Sq. Ft @ \$12.00/Sq. Ft.	\$157,488.00

Client: *City of East Grand Forks*



Project: *Fire Station #1
415 4th Street NW, East Grand Forks, MN*

Date: *September 27, 2021*

No: *21-13479-01 Page 14*

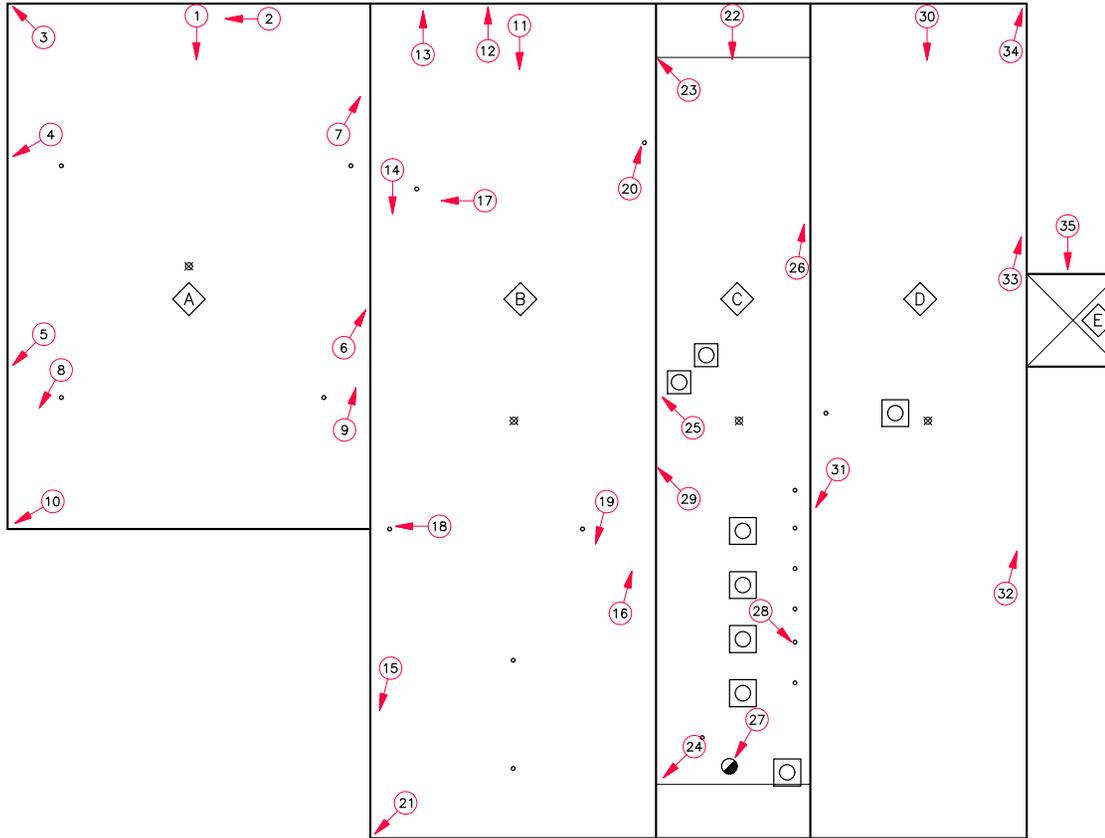
VI REMARKS:

This report is not intended as a bidding document and may not address all deficiencies within the roof area. If there are any questions or concerns regarding this report, please contact the author.

Respectfully,

ROOF SPEC, INC.

Dan Trenda, RRO, RRC
Project Manager



ROOF PLAN

CITY OF EAST GRAND FORKS
 FIRE STATION #1
 415 4TH STREET NW
 EAST GRAND FORKS, MN 56721



ROOF SPEC INC.
 2400 Prior Ave. N.
 St. Paul, MN 55113
 (651) 639-0644

← ○ - EXTERIOR PHOTOGRAPH

⊠ - ROOF AREA

1/16" = 1'-0"

21-13479-01
 09/15/2021

**Roof
Spec
Inc.**



2400 Prior Avenue North
St. Paul, MN 55113
(651) 639-0644
(651) 639-1828 (fax)
800-494-4085
www.roofspec.com

PROJECT: Roof Design
City of East Grand Forks
Fire Station #1 Roof Replacement
415 4th Street NW
East Grand Forks, MN 56721

DATE: February 25, 2022
RSI PROJECT #22-13533-02

REPORTED TO: City of East Grand Forks
Karla Anderson kanderson@egf.mn
600 DeMers Ave
East Grand Forks, MN 56721

CC: Jeff Boushee
CC: Megan Nelson

DESIGN DEVELOPMENT REPORT

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Design Considerations	2 - 3
Comments	4

Introduction

The project will primarily consist of replacing the existing ballasted EPDM roof system throughout the main roof of Fire Station #1 and repairs to the valley and perimeter of the radius roof on the Campbell Library. At a minimum, the roof replacement will consist of removing the original EPDM roof membrane down to the existing isocyanurate insulation, replacing any deteriorated/wet insulation and installing two layers of 2” isocyanurate insulation and a high-density cover board and a new ballasted 60-mil EPDM roof membrane. If the Base Bid is accepted, the new membrane and insulation will be loose-laid; however, it will be held into place using the existing roof ballast (gravel) to meet wind uplift requirements. Additionally, new roof insulation will be added to the existing roof assembly to meet current Minnesota Building Code requirements and achieve a minimum R-value of 35 for climate zone 7. Some other design considerations are listed below:

Design Considerations

The following is a summary/update of the Design Consideration for installation of the new roof system on Fire Station #1.

1. **Project Schedule** – Based on an estimated square footage of 13,124 sq. ft., it is anticipated that the project will have a construction schedule of approximately 20 roof working days, not including mobilization, demobilization and delays due to weather. Additionally, below is an overview of the anticipated project schedule including bidding:
 - Pre-bid Walkthrough: Thursday, March 16th, 2022 @ 1:00 PM
 - RFIs due to Architect/Engineer: Tuesday, March 18th, 2022 @ 11:00 AM
 - Bids Due & Public Opening: Thursday, March 23rd, 2022 @ 1:00 PM
 - i. Location of Bid Opening: TBD by Owner
 - Project Start: September - October
 - Substantial Completion: Fall, 2022
 - Project Closeout: Fall, 2022
- *Due to the volatility in material procurement an accurate construction schedule cannot be established at this time.*

It is anticipated the Contractor will be allowed to access the site to perform roofing duties from 7:00 AM – 6:00 PM on weekdays and from 8:00 AM – 5:00 PM on Saturdays. Work will be not be permitted on Sunday & holidays.

2. Project Staging – It is anticipated that craning and roof access will occur on the south (rear) side of the building. Material storage is to be determined by Owner.
3. Roof System – The original roof assembly appears to consist of precast concrete roof deck with a ballasted EPDM roof membrane over tapered isocyanurate insulation. It is anticipated the existing roof membrane will be removed and all wet/deteriorated roof insulation will be replaced. Contractor to then install two additional layers of 2” isocyanurate insulation, a layer of ½” high-density cover board and the new 60-mil EPDM roof membrane. The addition of insulation is necessary to meet current building code and the required minimum R-value of 35 for climate zone 7. All major components of the existing roof system will be held into place by reusing the existing ballast, which is to be evenly spread out over the top of the new 60-mil EPDM roof membrane.
4. Roof System – Within the Bid Form, it will be requested that Contractors provide a price to install a new fully adhered 60-mil EPDM roof membrane in lieu of a ballasted roof system. Deteriorated/wet insulation would again be removed and replaced, and new insulation would be added to meet R-35. Insulation would be secured into place using polyurethane foam adhesive. Sufficient adhesive will be used to meet FM wind uplift requirements which are as follows:
 - Zone 1 – 75 PSF
 - Zone 2 – 90 PSF
 - Zone 3 – 120 PSF

While the fully adhered roof system will likely have an increased cost, it does provide additional benefits over the ballasted system such as higher durability to hail impact and pedestrian traffic, easier to repair/locate leaks and is considerably lighter in weight, reducing stresses on the building structure. A likely reduction of approximately 10 PSF will be achieved by removing the roof ballast and proceeding with a fully adhered roof system.

5. Roof System – All obsolete roof penetrations to be removed during demolition. Voids in roof deck to be covered with steel plating before installation of new roof assembly.
6. Drainage – Based on the review of the existing roof assembly, it appears that overflow drainage is not accounted for. New 16” wide overflow scuppers are to be installed adjacent to existing roof drains throughout the perimeter of the building to meet MN State Building & Plumbing Codes. Additionally, we will add an overflow drain and piping to roof area C which will exit the building at ground level on the south side of the building.
7. Roof Warranty– The project is to include a two-year Contractor warranty and a No-Dollar Limit (NDL), 20-year Manufacturer warranty.
8. Miscellaneous – Various roof top mechanical units will be temporarily shut down and raised to accommodate the height of the new roof system. Bidding Contractors are to including pricing to raise units and disconnect/reconnect as required.

Comments

Attached, please find the Construction Documents. Please review and provide comments at your earliest convenience. The review comments will then be incorporated into the Finalized Construction Documents.

If you should have any questions or require further information, please contact our office.
Thank you.

Respectfully,

ROOF SPEC, INC.



Dan Trenda, RRO, RRC
Project Manager



2400 Prior Avenue North
 St. Paul, MN 55113
 (651) 639-0644
 800-494-4085
www.roofspec.com

PROJECT: Fire Station #1 Roof Replacement
 And Library Roof Repairs
 415 4th Street NW
 East Grand Forks, MN 56721

DATE: February 18, 2022

RSI PROJECT #22-13533-02

REPORTED TO: City of East Grand Forks
 600 DeMers Ave NW
 East Grand Forks, MN 56721

Attn: Mr. Jeff Boushee
Attn: Mrs. Charolette Helgeson
Ccs: Ms. Karla Anderson

SCHEMATIC DESIGN REPORT

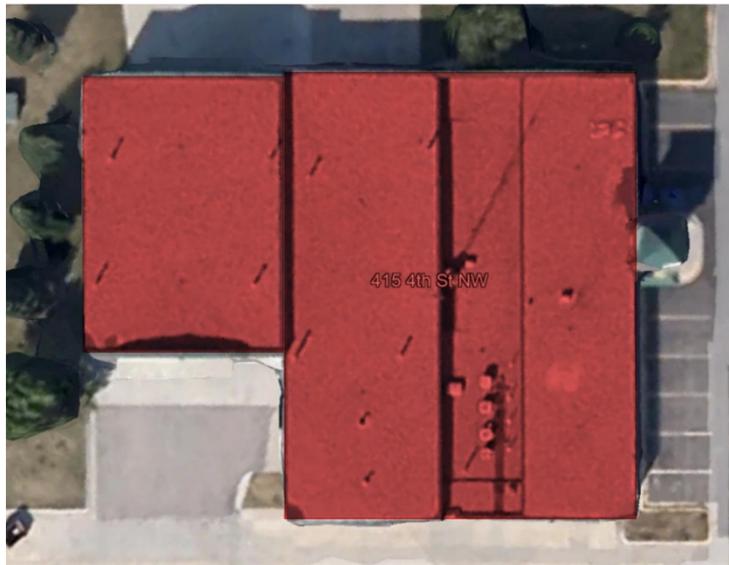
<u>Table of Contents:</u>	<u>Page</u>
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Design Considerations (Fire Station #1)	4 - 5
Project Scope (Campbell Library)	5 - 6
Opinion of Probable Construction Costs	7
Estimated Schedule	7
Comments	7
Schematic Design Review Documents	Attached

PROJECT SCOPE

Fire Station #1:

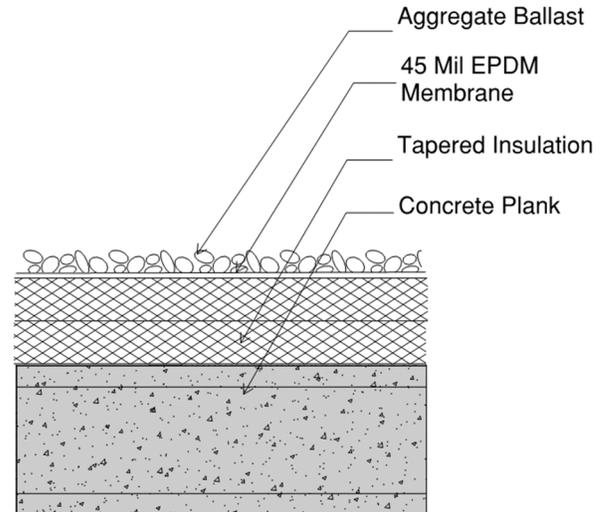
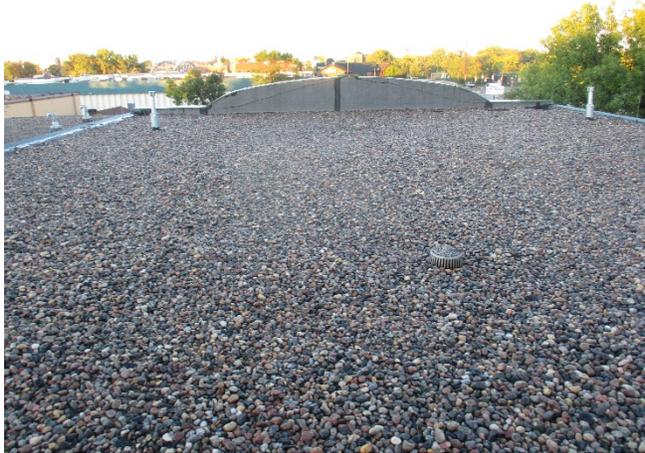
The roof areas appear to be concrete roof decks with tapered insulation to primary interior roof drains. The existing ballasted EPDM membrane appears to have been repaired numerous times.

The project will consist of roof replacement of approximately 13,124 sq. ft. of existing ballasted EPDM roofing. Work will also include the installation of the new overflow scupper drains, removal of abandoned roof curbs and infill the roof deck, remove and reinstall lightning protection system, establish proper securement of guy wires for antennae, and raising the roof perimeter to accommodate new insulation heights. The goal of the new roof system is to provide a more thermally efficient roof with an effective service life of 20+ years.



Existing Roof System:

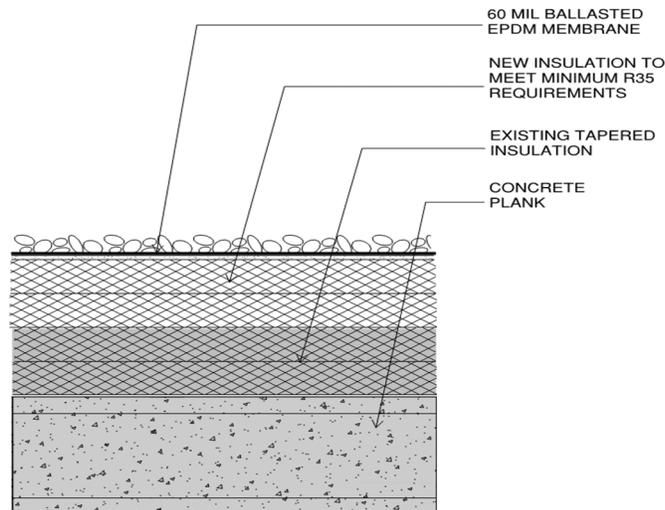
The existing roof system consists of a 45 mil ballasted EPDM membrane. Drainage is accomplished via tapered insulation to interior primary roof drains with no provision for overflow drainage present. The tapered isocyanurate insulation ranges in thickness from 2" to 7" with a minimum R value of 11.4.



Existing Roof Assembly

New Roof System:

The new roof system will involve removing the existing Ballasted EPDM membrane, base flashings, and projection flashings. To the greatest extent possible we will re-use the existing tapered isocyanurate insulation system. We will add new insulation and cover board to meet current code of a minimum R value of 35. All layers will be staggered from the previous layers. 60 mil EPDM membrane will be loose laid over the cover board with aggregate ballast holding it in place, and the membrane will fully adhered to the vertical substrates with a minimum flashing height of 8”.



New Roof Assembly

DESIGN CONSIDERATIONS

1. Staging for the project will take place in the parking lot adjacent to Roof Areas A and B and along the alley always allowing for a minimum of one open traffic lane. The staging area will be fenced in and is indicated on the project drawings. The contractor will be responsible for repairing any damage to the staging area upon completion of the project. (See photograph to the right.)

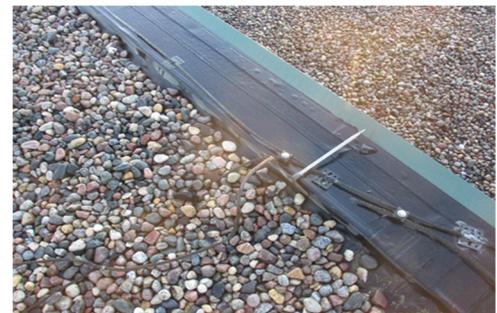


2. The building will be occupied during construction. The primary disruptions for the building occupants will be noise from the removal of the existing aggregate and insulation. Additionally, hammer drilling into the block wall and/or concrete roof deck. Close coordination will be necessary with the facility to ensure any sensitive operations are rescheduled during roof demolition.
3. The membrane and base flashings were sampled and tested for the presence for asbestos. No asbestos was found at the test cut locations.
4. To eliminate all unnecessary penetrations in the roof assembly, obsolete equipment will be removed and holes in the roof deck will be covered with new steel plates, decking and framework as necessary.

5. To accommodate the new insulation heights associated with meeting code, the perimeter will be raised. This will affect where and how the existing guy wire supports for the communications antennae are secured. (See photograph to the right.)



6. Additionally, the lightning protection system will be removed and reinstalled as part of the roof replacement and new perimeter heights. Extensions of the threaded rods at the roof penetrations and installation of new sleeves will be necessary. (See photograph to the right.)



7. New overflow drainage will be provided with exterior scupper drains through the new perimeter wall adjacent to the existing roof drains.

PROJECT SCOPE

Campbell Library:

Overall, the roof appeared visually to be in good condition. However, at the valley line and eave edge along the radius roof on the south side of the building the formation of large ice dams and possible air leakage into the attic space was observed. This area has experienced leakage since the building was erected. Numerous unsuccessful attempts to eliminate the leaking and reduce ice damming, such as adding insulation, modifications to the HVAC system, and a complete removal and replacement of the entire roof have been performed. (See photographs below)



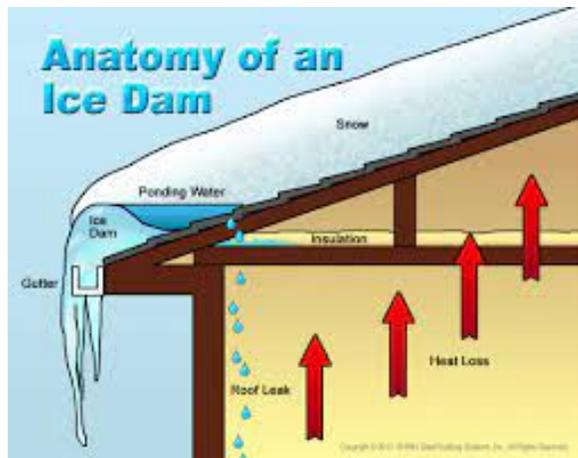
Damage to the asphalt shingles consistent with the removal of the ice dams was noted all along the eave edge of the radius roof and through the adjacent valley line. (See photograph below).



In previous attempts to mitigate the formation of the ice dams and/or condensation formation, the soffit venting appears to have been filled with spray foam insulation. (See photograph to the right) By blocking the venting at the soffit, cold air is not allowed into the attic space possibly heating the attic enough for conductive heat transfer to melt any snow on the roof. As the water from the melting snow runs down the roof to the colder eave, it refreezes and ice dams can form.



As stated above, numerous unsuccessful attempts have been made to reduce the formation of ice dams in this area. Based on our photographs, it appears that the net free area of the eave vents has been reduced by the addition of spray foam which may contribute to increased ice dams at this location. The best long-term approach for reducing ice dams and eliminating leaks would be to improve venting, add insulation, add additional ice and water shield at the eave locations and along the valley, and install heat cable or matt to melt ice. Due to the roof being replaced recently and the previous work performed, we have developed a repair scope to improve the ice damming and leaking at this location.



We anticipate removing the damaged shingles, underlayment and sheet metal drip edge, 6-9 feet up from the eave and at each side of the adjacent valley line. We recommend then installing new ice & water shield in 2 layers and new shingles to match existing. Additionally, a heat cable or matt should then be installed 3-6 feet up from the radius eave and three feet on each side of the valley to mitigate the ice damming and allow water to flow from the roof. The heat cable will hopefully eliminate the need for manual removal of the ice dams and future damage to the shingles.

OPINION OF PROBABLE CONSTRUCTION COSTS

FIRE STATION #1

Roofing 13,124 sq. ft. @ \$15 /sq. ft.	\$196,860.00
Mechanical & Electrical Work	\$5,000.00
Sheet Metal/Flashing	\$15,000.00
Fencing	\$5,000.00
10 % Contingency	<u>\$22,186.00</u>
TOTAL:	\$244,046.00

CAMPBELL LIBRARY

Roof Repairs 1,000 sq. ft. @ \$15 /sq. ft.	\$15,000.00
Electrical Work – Heat Trace	\$5,000.00
Sheet Metal/Flashing	\$3,000.00
10 % Contingency	<u>\$2,300.00</u>
TOTAL:	\$25,300.00

ESTIMATED SCHEDULE

- February 18th, 2022 - Schematic Design Submittal
- February 28th, 2022 - 100% Signed CDs
- March 9th, 2022 - Pre-Bid Meeting
- March 15th, 2022 - Bids Due
- March 22nd, 2022 - Project Award
- Fall 2022 - Pre-construction Meeting
- Fall 2022 - Project Construction

COMMENTS

Attached please find the Schematic Design Drawings for review. Please review and provide comments at your earliest convenience. The review comments will then be incorporated into the Contract Documents.

If you should have any questions or require further information, please contact our office. Thank you.

Respectfully,
ROOF SPEC, INC.



Dan Trenda, RRO, RRC
Project Manager

PROJECT INFORMATION

PROJECT TITLE:	CITY OF EAST GRAND FORKS FIRE STATION #1
ADDRESS:	415 4TH STREET NW, EAST GRAND FORKS, MN 56721
PROJECT TYPE:	REROOFING

GENERAL NOTES

ID	DESCRIPTION
1	CONTRACTOR TO VERIFY MEASUREMENTS AND JOB CONDITIONS PRIOR TO BIDDING. EXISTING CONDITIONS AS OBSERVED IN ISOLATED LOCATIONS, MAY NOT BE REPRESENTATIVE OF THE ENTIRE PROJECT.
2	CONTRACTOR SHALL REVIEW PROJECT FOR ANY ITEMS NOT SHOWN ON THE PLANS. REVIEW PROJECT SPECIFICATIONS FOR ADDITIONAL DETAILS NOT IDENTIFIED BY THE PROJECT DRAWINGS.
3	COORDINATE WORK OF ALL TRADES TO ENSURE THE BUILDING IS WATERTIGHT AT END OF EACH DAY'S WORK. SEQUENCE WORK IN SUCH A MANNER THAT DAMAGE AND/OR WEAR OF NEW OR EXISTING BUILDING COMPONENTS WILL NOT OCCUR.
4	PROTECT NEW AND EXISTING CONSTRUCTION. RESTORE EXTERIOR AND INTERIOR FINISHES (INCLUDING LANDSCAPING) DAMAGED DURING THE WORK.
5	BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. COORDINATE CLOSELY WITH OWNER TO MINIMIZE DISRUPTIONS TO NORMAL BUSINESS ACTIVITIES.
6	SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
7	CONTRACTOR SHALL SUBMIT A SITE SAFETY PLAN FOR THE OWNER'S REVIEW. THE PLAN(S) SHALL BE COMPLETE, REFLECTING THE ENTIRE SITE AND SHALL SHOW ANY PHASED PROTECTION. THE SITE SAFETY PLAN(S) SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO, NOTES, SIDEWALK BRIDGE, FENCES, EGRESS, SCAFFOLDING, FIRE PROTECTION, ETC.
8	CONTRACTOR IS RESPONSIBLE FOR ALL MECHANICAL AND ELECTRICAL DISCONNECTS, MODIFICATIONS AND RECONNECTS. APPROXIMATE LOCATIONS OF MECHANICAL AND ELECTRICAL LINES ABOVE THE ROOF ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE ACTUAL QUANTITY AND TYPE OF ALL MECHANICAL AND ELECTRICAL LINES THAT REQUIRE DISCONNECTION, MODIFICATION AND RECONNECTIONS PRIOR TO BIDDING.
9	PROVIDE SOIL PIPE EXTENSION TO ACHIEVE 12" VERTICAL HEIGHT ABOVE ROOF MEMBRANE.
10	TAPERED INSULATION CRICKETS TO BE INSTALLED USING 1/4"/FT TAPERED INSULATION.
11	TAPERED INSULATION TO BE INSTALLED TO THE UPSLOPE SIDE OF CURBS.
12	CONTRACTOR IS TO RESECURE ALL EXISTING WOOD BLOCKING AS NECESSARY.

SHEET INDEX

ID	DESCRIPTION	ID	DESCRIPTION
R001	TITLE SHEET	R201	ROOF DETAILS
R101	ROOF PLAN	R202	ROOF DETAILS
R102	ROOF PLAN	R203	ROOF DETAILS

LEGEND

ID	DESCRIPTION		
RD	ROOF DRAIN		NON-PENETRATING SAFETY RAILING
ORD	OVERFLOW ROOF DRAIN		WALL-MOUNTED SAFETY RAILING
SC	SCUPPER W/ DOWNSPOUT		EXISTING CONSTRUCTION TO REMAIN
OSC	OVERFLOW SCUPPER		WORK AREA
V	VENT STACK		WORK BY OTHERS
P	PIPE PENETRATION		EARTH (UNDISTURBED)
G	GUY WIRE		GRAVEL
A	ROOF ANCHOR		MORTAR/GYPSUM
■	PITCH POCKET		CONCRETE
⊙	HOT STACK		BRICK
□	CURB/PRV (VERIFY TYPE IN FIELD)		CMU
◻	SQUARE TO ROUND CURB		CMU (GROUTED)
RH	ROOF HATCH		STONE
SL	SKYLIGHT		STEEL
—	SLEEPERS		3/4" PLYWOOD
—	SLEEPERS W/ UNIT		WOOD BLOCKING (CONTINUOUS)
—	CURB TO BE REMOVED		WOOD BLOCKING (INTERMITTENT)
—	PENETRATION/DRAIN TO BE REMOVED		WOOD BLOCKING (FINISH)
—	DOOR		FIBERGLASS BATT INSULATION
—	STANDARD LADDER		PERLITE
—	LADDER WITH LANDING		HIGH DENSITY WOOD FIBER INSULATION
—	SATELLITE ANTENNA		ISOCYANURATE INSULATION
•••••	LIGHTNING PROTECTION		EXTRUDED POLYSTYRENE INSULATION

ABBREVIATIONS

ID	DESCRIPTION	ID	DESCRIPTION
C.L.	CENTER LINE	N.I.C.	NOT IN CONTRACT
CMU	CONCRETE MASONRY UNIT	O.C.	ON CENTER
C.J.	CONTROL JOINT	PREFIN	PREFINISHED
DIA	DIAMETER	SIM	SIMILAR
E.J.	EXPANSION JOINT	SS	STAINLESS STEEL
GALV	GALVANIZED	TYP	TYPICAL
GA	GAUGE	V.I.F.	VERIFY IN FIELD
MIN	MINIMUM	W/	WITH

SITE PLAN



PROJECT LOCATION



ROOF SPEC INC

2400 Prior Ave. N.
St. Paul, Minnesota 55113
(651) 639-0644
Fax (651) 639-1828

Consultants:

Project Identification

**CITY OF EAST GRAND FORKS
FIRE STATION #1 ROOF
REPLACEMENT AND LIBRARY
ROOF REPAIRS**
415 4TH STREET NW
EAST GRAND FORKS, MN 56721

PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE: _____
William F. Waugh, P. E.

DATE: _____ LICENSE # 40940
MN Reg. No.

RSI Project #: 22-13533-02

Drawn By: MBO

Sheet Title

Title Sheet

R001

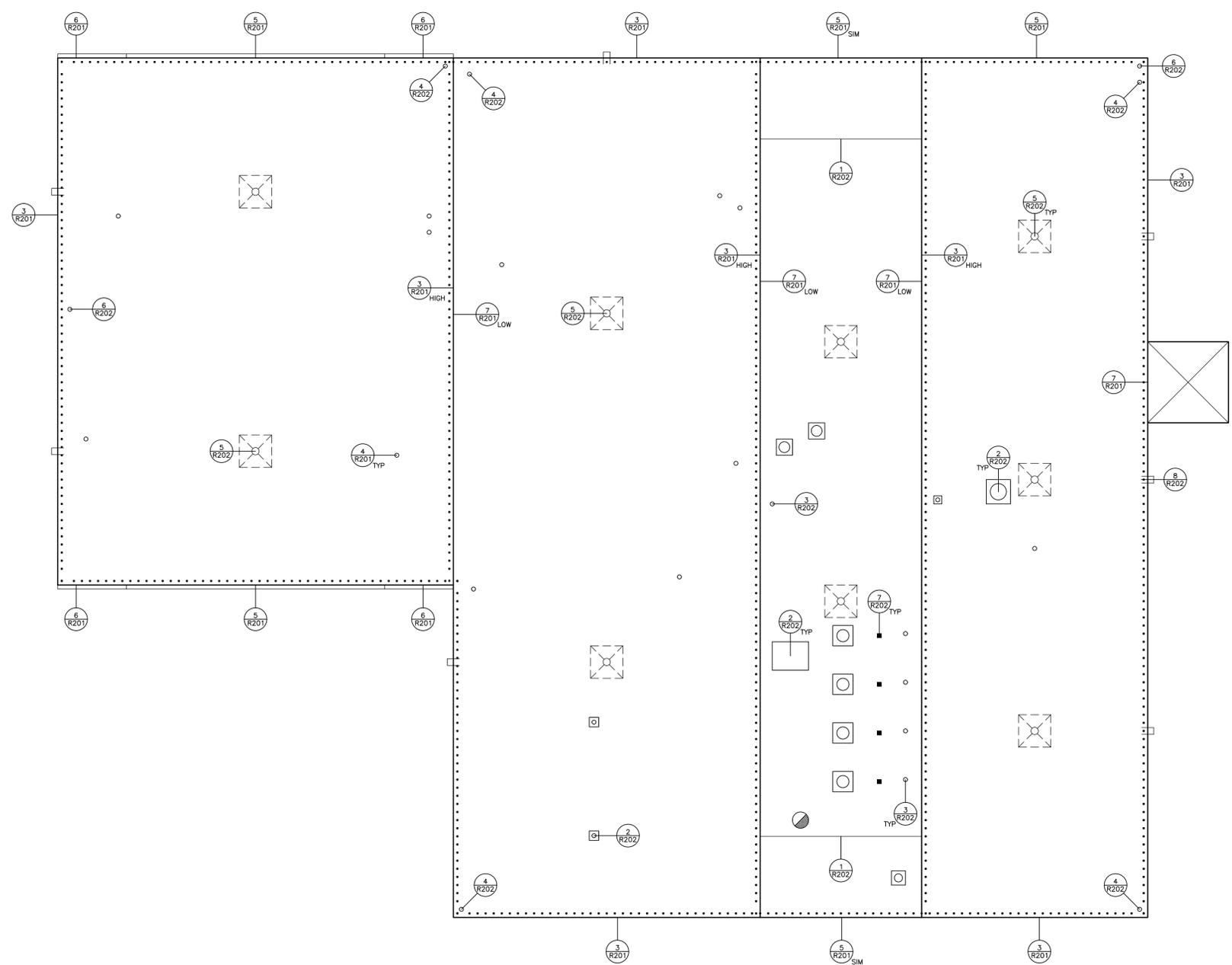
1 OF 5



ROOF SPEC INC

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St. Paul, Minnesota 55113
(651) 639-0644
Fax (651) 639-1828

Consultants:



1 ROOF PLAN
0 2' 4' 8' 16'
SCALE: 1/8"=1'-0"



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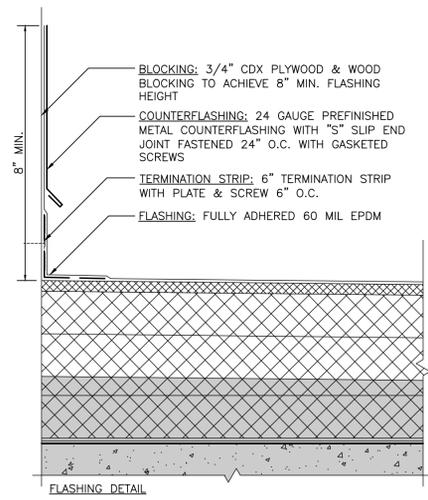
Sheet Title
Roof Plan
R101



ROOF SPEC INC

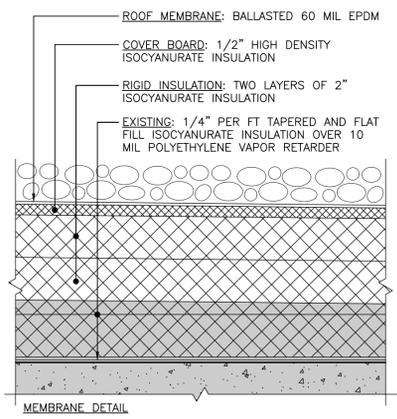
2400 Prior Ave. N.
St. Paul, Minnesota 55113
(651) 639-0644
Fax (651) 639-1828

Consultants:

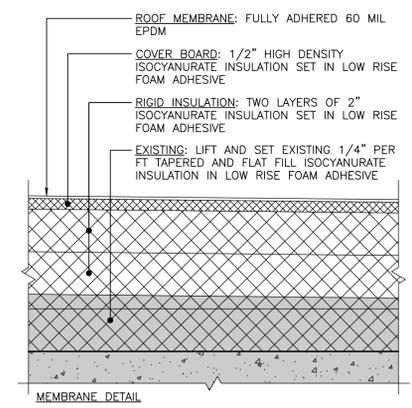


FLASHING DETAIL

1 SYSTEM DETAIL
R201 SCALE: 3"=1'-0"

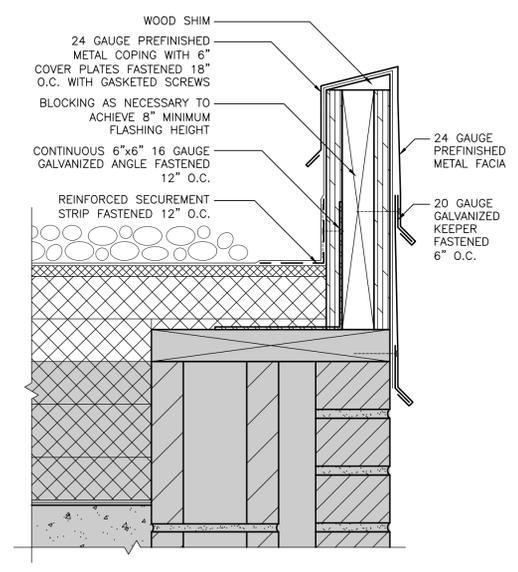


MEMBRANE DETAIL



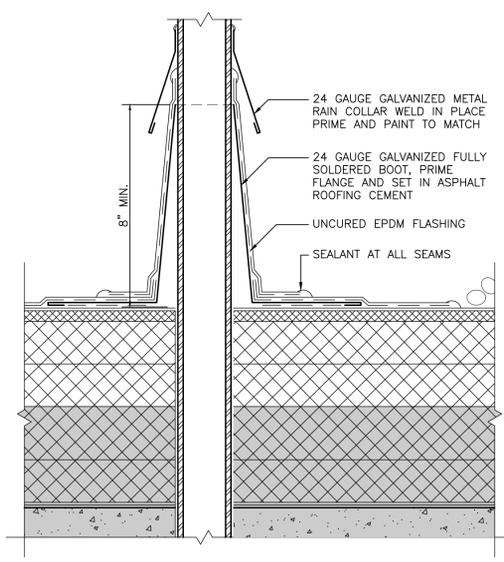
MEMBRANE DETAIL

2 SYSTEM DETAIL (ALTERNATE)
R201 SCALE: 3"=1'-0"



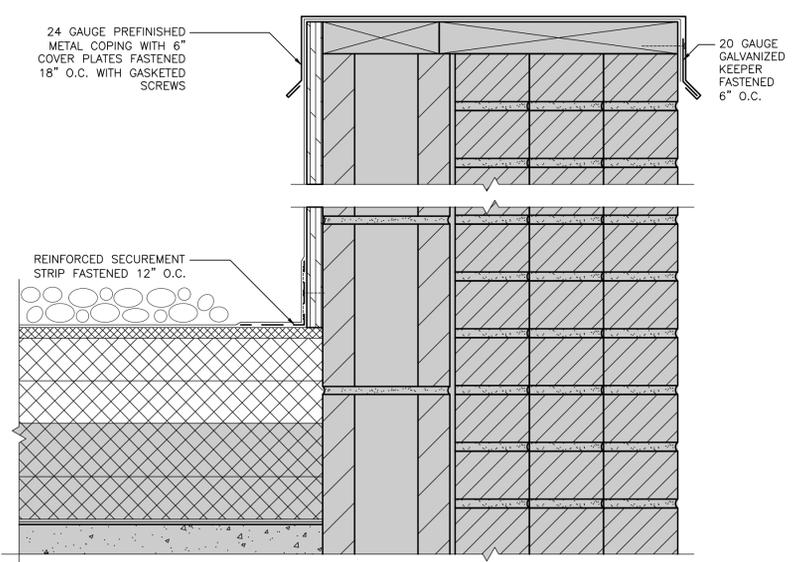
PERIMETER EDGE DETAIL

3 PERIMETER EDGE DETAIL
R201 SCALE: 3"=1'-0"

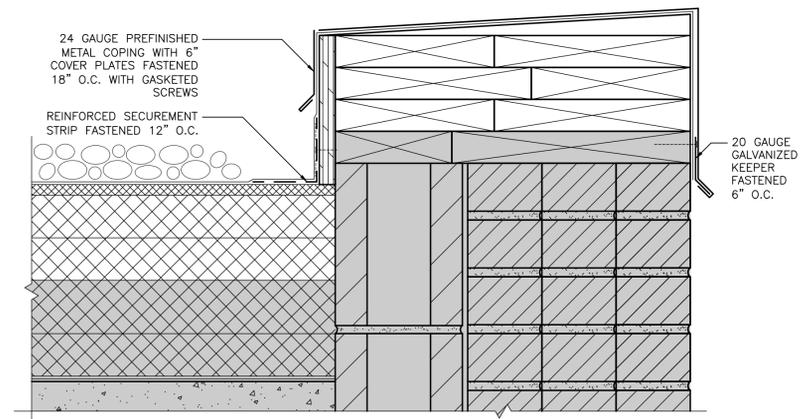


HOT PIPE PENETRATION DETAIL

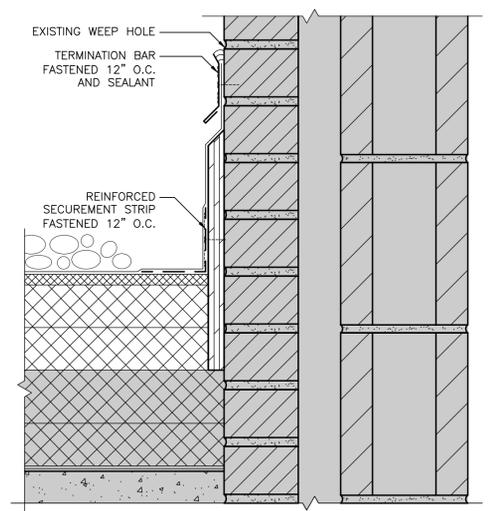
4 HOT PIPE PENETRATION DETAIL
R201 SCALE: 3"=1'-0"



5 PERIMETER EDGE DETAIL
R201 SCALE: 3"=1'-0"



6 PERIMETER EDGE DETAIL
R201 SCALE: 3"=1'-0"



7 ROOF TO WALL DETAIL
R201 SCALE: 3"=1'-0"

Project Identification
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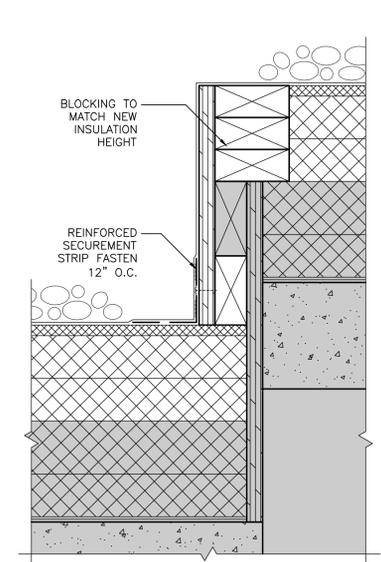
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Roof Details
R201



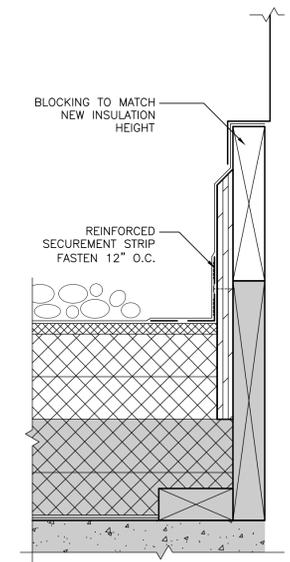
ROOF SPEC INC

2400 Prior Ave. N.
St. Paul, Minnesota 55113
(651) 639-0644
Fax (651) 639-1828

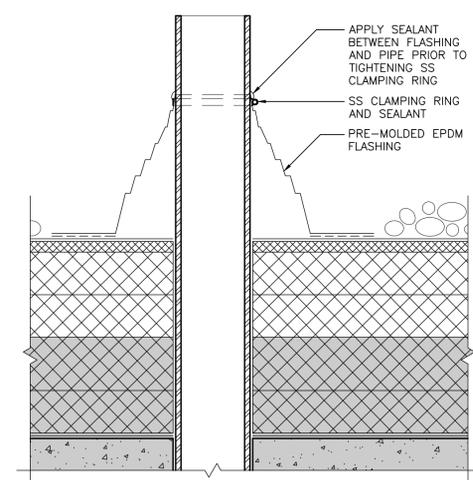
Consultants:



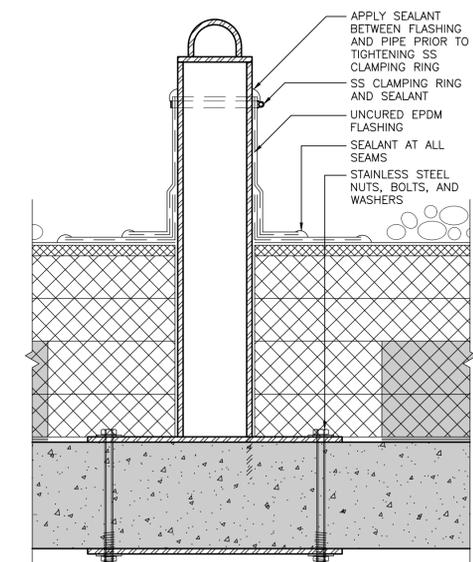
1 ROOF TRANSITION DETAIL
R202 SCALE: 3"=1'-0"



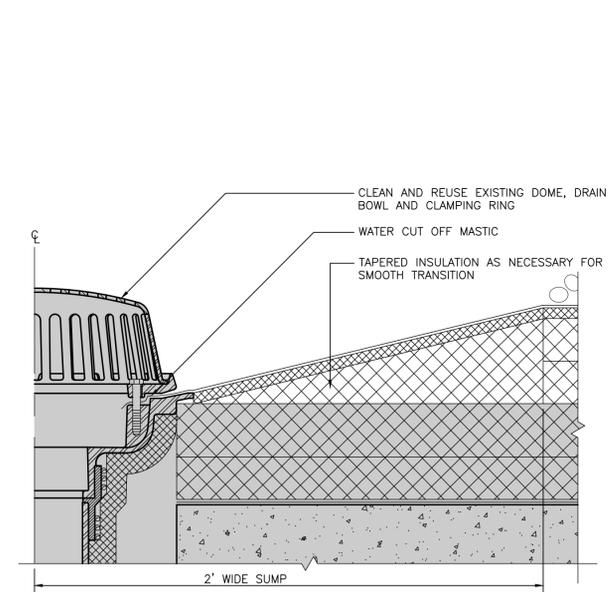
2 ROOF CURB DETAIL
R202 SCALE: 3"=1'-0"



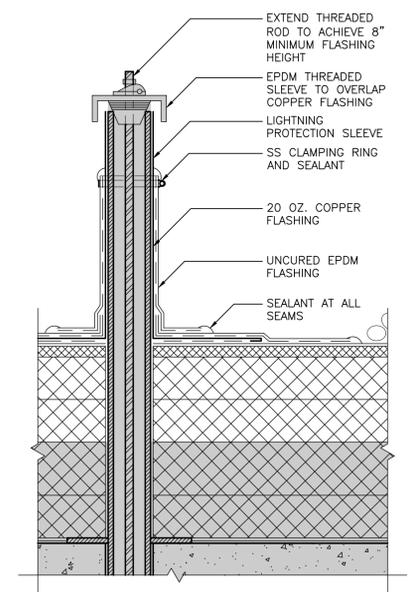
3 PIPE PENETRATION DETAIL
R202 SCALE: 3"=1'-0"



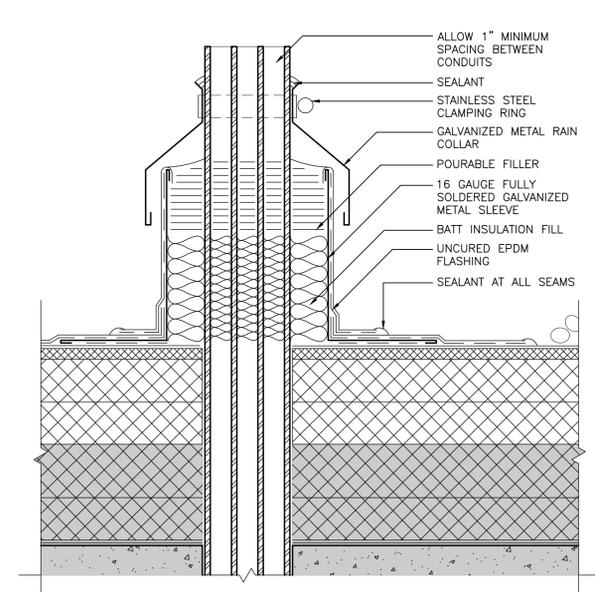
4 GUY WIRE SUPPORT DETAIL
R202 SCALE: 3"=1'-0"



5 ROOF DRAIN DETAIL
R202 SCALE: 3"=1'-0"



6 LIGHTNING PROTECTION DETAIL
R202 SCALE: 3"=1'-0"



7 PITCH PAN DETAIL
R202 SCALE: 3"=1'-0"

Project Identification
**CITY OF EAST GRAND FORKS
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EAST GRAND FORKS, MN 56721

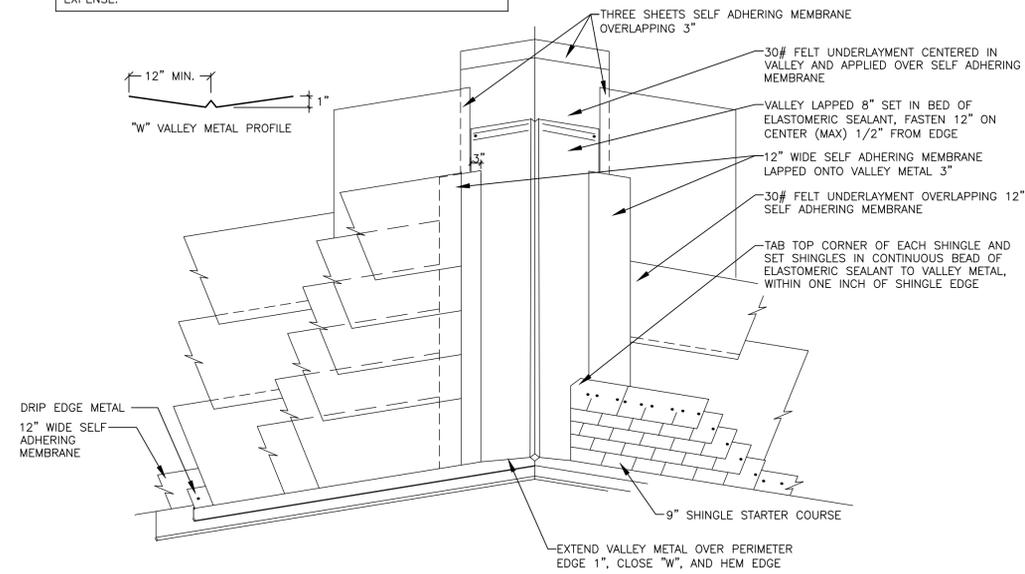
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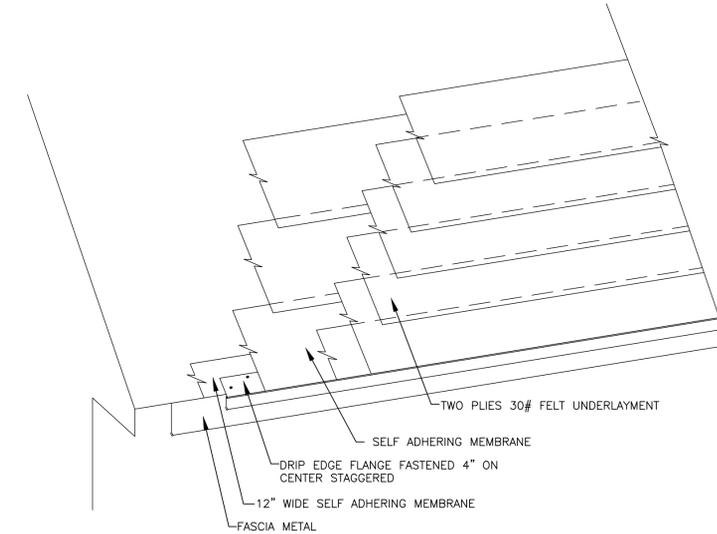
RSI Project #: 22-13533-02
Drawn By: MBO

Sheet Title
Roof Details
R202

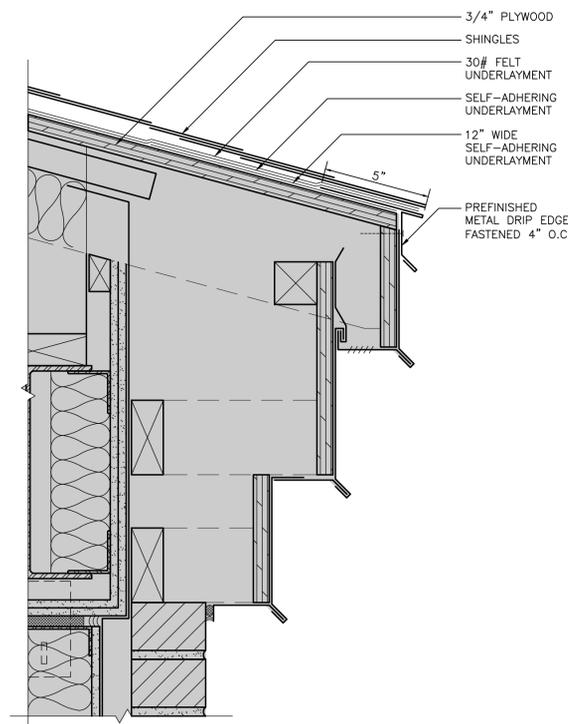
NOTES:
 RUN CHALK LINE SO VALLEY WILL BE 6" WIDE AT TOP (3" EACH SIDE)
 AND DIVERGE 3/32" /FT. DOWN TO EAVE (APPROXIMATELY 1" PER 10')
 NEATLY TRIM SHINGLES TO THIS LINE.
 SCRATCHED VALLEY METAL SHALL BE REPLACED AT CONTRACTORS
 EXPENSE.



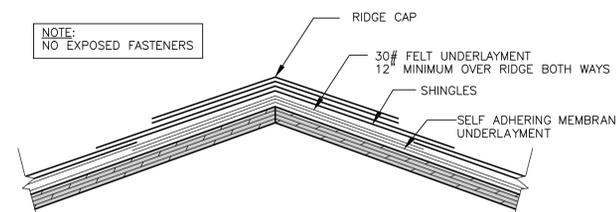
1 VALLEY DETAIL
 R203 SCALE: 3"=1'-0"



2 UNDERLAYMENT DETAIL
 R203 SCALE: 3"=1'-0"



3 ROOF EDGE DETAIL
 R203 SCALE: 3"=1'-0"



4 RIDGE DETAIL
 R203 NOT TO SCALE



ROOF SPEC INC

2400 Prior Ave. N.
 St. Paul, Minnesota 55113
 (651) 639-0644
 Fax (651) 639-1828

Consultants:

Project Identification
**CITY OF EAST GRAND FORKS
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 415 4TH STREET NW
 EAST GRAND FORKS, MN 56721

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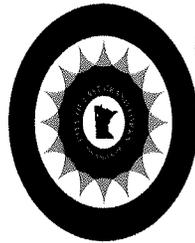
SIGNATURE: _____
 William F. Waugh, P. E.
 DATE: _____ LICENSE # 40940
 MN Reg. No.

RSI Project #: 22-13533-02
 Drawn By: MBO

Sheet Title
 Roof Details
R203

Accounts Payable

Check Register Totals Only



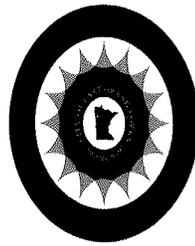
City of East Grand Forks

P. O. Box 373
East Grand Forks, MN 56721
(218) 773-2483

User: apassa
Printed: 2/25/2022 - 4:02 PM

Check	Date	Vendor No	Vendor Name	Amount	Voucher
38061	02/22/2022	MON001	Conely and Dub Inc.	12,140.11	0
38062	02/22/2022	PRO004	Proll, LLC	5,000.00	0
38063	02/22/2022	VFW001	Veterans of Foreign Wars	8,000.00	0
				<hr/> <hr/>	
Check Total:				25,140.11	
				<hr/> <hr/>	

Accounts Payable
Check Register Totals Only



City of East Grand Forks

P. O. Box 373
East Grand Forks, MN 56721
(218) 773-2483

User: apassa
Printed: 2/25/2022 - 4:22 PM

Check	Date	Vendor No	Vendor Name	Amount	Voucher
38064	03/01/2022	ADV001	Advanced Business Methods Inc	748.66	0
38065	03/01/2022	AME005	Aramark Uniform Services	135.36	0
38066	03/01/2022	ATH001	Athletica Sport Systems	444.48	0
38067	03/01/2022	AXO001	Axon Enterprises, Inc.	2,201.90	0
38068	03/01/2022	GFF001	Timothy Brooks	529.00	0
38069	03/01/2022	CEN006	Century Link	293.06	0
38070	03/01/2022	CER002	Certified Crime Fighter	1,656.00	0
38071	03/01/2022	CUT002	Chad D. Swendseid	200.00	0
38072	03/01/2022	CIN001	Cintas Corporation No. 2	302.87	0
38073	03/01/2022	GFC002	City of Grand Forks	5,700.00	0
38074	03/01/2022	COL004	Coldspring Memorial	842.00	0
38075	03/01/2022	COL002	Cole Papers Inc	615.45	0
38076	03/01/2022	COP002	Copy Cat Printing	60.00	0
38077	03/01/2022	DON001	Don's ABC Seamless Inc	1.00	0
38078	03/01/2022	DVS001	DVS Renewal	19.25	0
38079	03/01/2022	EME001	Emergency Apparatus Maintenance In	181.32	0
38080	03/01/2022	GRE002	Greg's Lawn Care	1,870.96	0
38081	03/01/2022	HBS001	HB Sound & Light Inc	188.08	0
38082	03/01/2022	IND006	Indepth Inspections LLC	14,166.87	0
38083	03/01/2022	PSD001	JEJK Inc.	1,797.00	0
38084	03/01/2022	JOH026	Johnson Controls	827.72	0
38085	03/01/2022	KEN002	Kennedy & Graven, Chartered	100.00	0
38086	03/01/2022	LEA008	League of Minnesota Cities Insurance	265,285.42	0
38087	03/01/2022	LEA001	League of MN Cities, Finance Dept	640.00	0
38088	03/01/2022	HAR085	Local Ace	133.49	0
38089	03/01/2022	HAR087	Local Ace	158.95	0
38090	03/01/2022	HAR089	Local Ace	79.95	0
38091	03/01/2022	HAR090	Local Ace	72.97	0
38092	03/01/2022	MAR004	Marco	89.69	0
38093	03/01/2022	MPO001	Metropolitan Planning Organization	39,851.26	0
38094	03/01/2022	MID003	Midcontinent Communications	2,032.39	0
38095	03/01/2022	MND020	Minnesota DEED	788.44	0
38096	03/01/2022	OFF002	Office Depot	56.55	0
38097	03/01/2022	PRE001	Premium Waters Inc	35.69	0
38098	03/01/2022	MIK001	SJA Thunder Corp	100.02	0
38099	03/01/2022	THU002	Thur-O-Clean	3,172.50	0
38100	03/01/2022	USB005	US Bank Corporate Payment System	72,372.09	0
38101	03/01/2022	USB004	US Bank Equipment Finance	284.77	0
38102	03/01/2022	VER001	Verizon Wireless	693.45	0
38103	03/01/2022	VIL001	Vilandre Heating & A/C	743.95	0
38104	03/01/2022	WAG001	Wagner's Landscaping	2,800.00	0
38105	03/01/2022	WAT001	Water & Light Department	42,307.36	0
38106	03/01/2022	WID001	Widseth Smith Nolting & Associates	17,022.50	0
38107	03/01/2022	XCE001	Xcel Energy	10,619.18	0
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