

**City of Menahga  
Action Memorandum 18-038**

**Subject:** Authorize the Purchase and Installation of Two Outdoor Cameras at the City Beach

**Agenda of: June 11, 2018**

**Council action:** \_\_\_\_\_

**Summary statement:** Action Memorandum 18-038 authorizes the purchase and installation of cameras at the Beach.

As noted by West Central Telephone Association (WCTA), the cameras will be placed on the lift station building. WCTA did provide an additional quote for placing another camera on the bathroom building. The amount to do so is an additional \$1,352.50. Administration's recommendation at this time to wait and add the camera at a later time, if it becomes necessary. Placement of two cameras on the lift station building should provide adequate coverage.

As also noted, it is necessary to upgrade the bandwidth at both the Beach and City Hall. The cost to do so is \$30 per month.

**Fiscal information:**

Total amount of funds listed in this legislation: \$ 1,259, plus monthly charge

This legislation (✓):

Has no fiscal impact     Creates a positive impact in the amount of: \$ \_\_\_\_\_  
 Creates a negative impact in the amount of: \$ 1,259

Funds are (✓):

Budgeted                      Line items(s): 101-45120-220  
 Not budgeted                    Affected line item(s): \_\_\_\_\_





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**Service Provider**

**West Central Telephone Association**  
PO Box 304  
308 Frontage Road  
Sebeka, MN 56477  
Phone: (218) 837 5151  
[joshp@wcta.net](mailto:joshp@wcta.net)

**Customer**

**Menahga City**  
115 2nd St. NE  
Menahga, MN 56464  
(218) 564 4557  
[cmenahga@wcta.net](mailto:cmenahga@wcta.net)

**PROJECT DESCRIPTION:** Installation of 2 outdoor cameras at the Menahga City beach. Cameras would be programmed to record back to existing city owned NVR's. Would need to upgrade bandwidth at the beach to 25Meg and city office to 60Meg, this would add approx. \$30/month to the City's internet cost between both sites.

**Purchase**

| QTY | DESCRIPTION                 | Unit Price | Extended Price |
|-----|-----------------------------|------------|----------------|
| 1   | 8 Port PoE+ Ethernet Switch | \$199.00   | \$199.00       |
| 2   | Outdoor HD Camera           | \$155.00   | \$310.00       |
|     |                             |            |                |
|     |                             |            |                |
|     |                             |            |                |
| 1   | Installation                | \$750.00   | \$750.00       |
|     |                             |            |                |
|     |                             |            |                |
|     |                             |            |                |
|     |                             |            |                |
|     |                             |            |                |

**TOTAL FOR PROPOSED SYSTEM: \$1,259.00**

**Signature:**

**Date:**

Price does not include tax. Warranty: 12 months on all parts and labor. Any additional labor will be at the rate of \$75 per hour. Quoted May 23rd, 2018; offer expires after 60 days. If you have any questions concerning this invoice, contact Josh at 218-837-5151. Warranty does not include physical or lightning damage.



## \*Menahga City Beach installation notes\*

- Currently at the beach, the internet is disconnected Nov. thru May. Cameras would not be recording without active internet. Internet would need to be active year-round for cameras to be recording back to NVR. If recording isn't needed during the winter, internet could still be shut off during these months at the beach.
- Internet speeds at both locations (Beach & City hall) is currently at 10Meg (download & upload). We would recommend at least 25Meg at the beach. That would cost approximately an additional \$10/month for that connection. For the City Hall connection, we would recommend going to 60Meg to support all your business bandwidth as well as the additional bandwidth that cameras will take. That is approximately \$20 more per month than what you are currently paying for a 10Meg connection.
- Recorded video quality will be affected if there is not enough bandwidth. People using the free WiFi at the beach could affect quality during high use times if bandwidth is not sufficient. If needed, speeds can be increased further. WCTA offers different bandwidth packages up to 1 Gigabit.
- OPX (Off Premise Extension) at the beach to have a camera placed directly on the bathroom building is optional. Both cameras placed on the lift station building with one aimed at the bathroom entrance and one toward beach/parking area should give good coverage. The OPX or additional cameras could be added later if more coverage is needed.