

AGENDA

RULES MEETING OF THE BOARD OF TRUSTEES VILLAGE OF PARK FOREST, COOK AND WILL COUNTIES, ILLINOIS

Village Hall

8:00 p.m.

January 5, 2009

Roll Call

1. Amendment to Engineering Services Agreement for 2009 Water Main Replacement
2. Road Salt Update
3. An Ordinance Amending Chapter 86 of the Code of Ordinances (Solid Waste) for the Village of Park Forest, Cook and Will Counties

Mayor's Comments

Manager's Comments

Trustee's Comments

Attorney's Comments

Audience to Visitors

Adjournment

Agenda Items are Available in the Lobby of Village Hall

AGENDA BRIEFING

DATE: December 23, 2008

TO: Mayor Ostenburg
Board of Trustees

FROM: Kenneth Eyer, Director of Public Works

RE: Amendment to Engineering Services Agreement for 2009 Water Main Replacement.

BACKGROUND/DISCUSSION:

The Board approved an Engineering Services Agreement with Baxter & Woodman on September 22, 2008 to prepare plans and specifications to replace water main that is failing in the water distribution system. The lump sum price to do this work is \$156,300.00. This is included in the programmed amount of 3 million dollars for Engineering services and construction to replace water main for fiscal 2008/2009 budget.

The Public Works Department is requesting the Board authorize the Village Manager to enter into an amendment to this agreement which would adjust the lump sum price to \$181,200.00. This price adjustment includes reducing the amount of Water Main to be designed by 1,000 lineal feet, changing that dollar amount to \$145,200.00 by adding the design of three (3) Booster Pump stations, one for each water storage facility, in the amount of \$35,000.00. Also includes specifications to install 12 sampling stations and 18 replacement fire hydrants at a cost of \$1,000.00 in the contract.

The reason for this change is help maintain the appropriate fire flow for the required three hour period. To do this, the water storage tanks must be kept near full. Currently we are unable to maintain the pressure required to keep the tanks at the necessary level. This is because the pressure required has increased the number of water main breaks. To solve this problem, Baxter & Woodman has recommended retrofitting each storage tank with a booster pump to fill the tank and a control valve to regulate pressure from the tank into the system.

Steve Larson from Baxter & Woodman will be available to answer any technical questions the Board may have concerning this project. The Department of Public Works recommends the Board authorize the Village Manager to enter into an amendment to this agreement which would adjust the lump sum price to \$181,200.00.

SCHEDULE FOR CONSIDERATION: This item will appear on the Agenda of the Rules meeting of January, 5 2009 for discussion.

VILLAGE OF PARK FOREST, ILLINOIS
2009 WATER MAIN REPLACEMENTS

***ENGINEERING SERVICES AGREEMENT
AMENDMENT NO. 1***

THIS AGREEMENT AMENDMENT is made this ___ day of _____, 2008, by and between the Village of Park Forest, Illinois, hereinafter referred to as the VILLAGE, and Baxter & Woodman, Inc., Consulting Engineers, hereinafter referred to as the ENGINEERS for the purpose of amending the Engineering Services Agreement between these parties dated September 22, 2008, hereinafter referred to as the AGREEMENT to delete 1,000 lineal feet of water main replacement, to add the replacement of approximately 18 fire hydrants and 12 sampling stations, and to add the installation of booster pumping facilities at the VILLAGE's three water storage tanks.

WITNESSETH that in consideration of the covenants herein, these parties agree as follows:

SECTION 2 of the AGREEMENT is hereby amended to read "The ENGINEERS' fee for the final design services described in Exhibit B Sections 1 through 22 and Exhibit C Sections 1 through 11 shall be a lump sum amount of \$181,200 ENGINEERS' Project No. 080820.40."

EXHIBIT A of the AGREEMENT is hereby amended to replace Exhibit A with the attached Exhibit A, revision dated November 26, 2008.

EXHIBIT C of the AGREEMENT is hereby included.

All other provisions of the AGREEMENT shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused the execution of this Agreement by their duly authorized officers as of the day and year first above written.

BAXTER & WOODMAN, INC.

VILLAGE OF PARK FOREST, ILLINOIS

By 
Vice President

By _____
Village Manager

12/2/08
Date of Signature

Date of Signature

(SEAL)

(SEAL)

ATTEST:

ATTEST:


Deputy Secretary

Clerk

Attachment

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VILLAGE OF PARK FOREST, ILLINOIS
2009 WATER MAIN REPLACEMENTS
(Revision Date November 26, 2008)

EXHIBIT A

PROJECT DESCRIPTION

The PROJECT includes water main improvements consisting of replacement of approximately 12,000 lineal feet of existing 6-inch through 12-inch water mains on residential streets in the VILLAGE, as recommended in the VILLAGE's Water System Master Plan. The scope of the PROJECT includes updating Appendix B: Water Main Replacement List and Exhibit A: Water Main Replacement Rank from the Master Plan and recommending the pipe sections to be replaced by the PROJECT. The recommendations will be based on the priority for replacement, location, and the total project budget of three million dollars. This PROJECT includes replacing water services from the new corporation stop to the new water service (buffalo) box. The PROJECT does not include reconstruction of the streets, drainage structures, utilities, or drives except in those circumstances that existing improvements are damaged during construction. Where possible, the water main will be installed in the parkway outside of the pavement except at street crossings. Trenches will be restored with topsoil and sod or a pavement patch.

The PROJECT also includes water system improvements consisting of installing pumping facilities at the VILLAGE's three water storage tanks, as described in the preliminary design report dated November 19, 2008. The pumping stations at the 0.5 million gallon (MG) Blackhawk Drive elevated tank and 0.5 MG Arbor Trail elevated tank will include a new prefabricated station, jockey pump, differential pressure valve and pressure reducing valve. The existing underground station at the 3.0 MG standpipe will be modified to include a new jockey pump and differential valve, and either a pressure reducing valve or modifications to existing high service pumps.

VILLAGE OF PARK FOREST, ILLINOIS
2009 WATER MAIN REPLACEMENTS

EXHIBIT C
STORAGE TANK PUMPING STATIONS

SCOPE OF SERVICES

General and Administration

1. PROJECT MANAGEMENT – Plan, schedule, and control the activities that must be performed to complete the PROJECT. These activities include but are not limited to budget, schedule, and scope.
2. PROJECT COMMUNICATIONS - Confer with the VILLAGE's staff weekly, and/or as needed, via email to clarify the PROJECT progress and provide draft progress drawings for review and comment.
3. SITE VISIT - Conduct a field visit to confirm structure storage tank foundation dimensions and locations. In addition, obtain data and records indicating locations of underground utilities.

Preliminary Design

4. TOPOGRAPHIC INFORMATION – Use existing site drawings for creation of base sheet design. If existing records are unavailable, conduct a topographic survey at the Blackhawk Drive elevated tank on a time and material basis following Owner's approval.
5. PRELIMINARY DESIGN CONSIDERATIONS – Preliminary design considerations shall include the following:
 - A. SITE LAYOUT – Establish the location of the storage tank pumping station at the two existing elevated storage tanks.
 - B. PRELIMINARY BUILDING DESIGN – Prepare preliminary costs for an underground versus an on-grade, prefabricated pumping station design and cost for modifying the existing standpipe pumping station.
 - C. PRELIMINARY PUMPING STATION CONFIGURATION – Evaluate style and type of equipment necessary to fill the elevated storage tanks during off-peak periods and utilize the stored water during peak demand as well as for fire suppression.

Detailed Design

6. DETAILED DESIGN – Prepare design drawings showing the general scope, extent, and character of construction work to be furnished and performed by the contractor(s) selected by the VILLAGE. Prepare design specifications in conformance with the format of the Construction Specification Institute for; 1) one set of equipment and structure (to be duplicated at each of two existing elevated storage tanks), 2) pipe modifications to the existing standpipe water pumping station. Detailed Design will include the following:
 - A. EQUIPMENT ENCLOSURE – Design the equipment enclosure as either a below grade or an on-grade prefabricated equipment enclosure.
 - B. FOUNDATION DESIGN – Design either the below grade foundation or the on-grade pumping station foundation using a “floating slab” type of foundation with helical type pile foundation. The existing tank soil reports will be used as the basis for foundation design. If the existing tank soil report is not available, arrangements for one soil boring at each site will be made at an additional cost.
 - C. POWER SUPPLY – Determine power supply requirements and utilize the existing elevated storage tank power supply as the primary electrical feed to meet these requirements.
 - D. WATER MAIN CONNECTIONS – Design the yard pipe necessary to connect the pumping station into the pipe delivering water to and from the elevated storage tank which will include an isolation valve to ensure water to and from the tank must pass through the new pumping station.
 - E. SUMP DISCHARGE – Design a sump pump discharge which will be designed to discharge upon the ground. No connection to existing sanitary is anticipated.
 - F. EXISTING PUMP STATION MODIFICATIONS – Design modifications to the existing standpipe pumping station pipe to accommodate the necessary pump and valves as provided in the on-grade pumping stations. A separate “fire supply” valve will not be required in lieu of the existing tank pumps.
 - G. CONTROL SYSTEM – The booster pump control will be designed as a “self-contained” control system, functioning without the need for telemetry. Alarms including entry and pump failure will be provided for connection by others to the existing tank telemetry. The VILLAGE will

be responsible for completing additions to the existing telemetry system to accept and transmit these new alarm signals.

7. CONSTRUCTION DOCUMENTS – Prepare for review and approval by the VILLAGE and its legal counsel the forms of construction contract documents consisting of Notice and Instructions to Bidders, Bid Form, Agreement, Performance-Payment Bond, General Conditions, and Supplementary Conditions, where appropriate, based upon documents prepared by the Engineers Joint Contract Document Committee (EJCDC).
8. REVIEW – Conduct final peer review, operations review and constructability review. Incorporate final review comments into final plan set.
9. FINAL OPINION OF PROBABLE COST – Prepare an Opinion of Probable Construction Cost based on the design documents approved by IEPA.

Agency Permit Submittals

10. AGENCY SUBMITTALS – Submit the design documents to the IEPA for their review and approval for the VILLAGE to construct and operate the PROJECT. Furnish the VILLAGE with three sets of the design documents approved by IEPA.

Project Bid

11. ASSISTANCE DURING BIDDING – Assist the VILLAGE in solicitation of construction bids from as many qualified bidders as possible, attend the bid opening and tabulate bid proposals, make an analysis of the bids, and submit recommendations for the award of construction contract.

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AGENDA BRIEFING

DATE: December 29, 2008

TO: Mayor Ostenburg
Board of Trustees

FROM: Kenneth Eyer, Director of Public Works

RE: Road Salt Update

BACKGROUND/DISCUSSION:

The 2007/2008 winter season produced a very harsh winter. The Village used a record amount of salt, using 1,826 tons. That season caused salt shortages throughout the region for the preparation of the 2008/2009 winter season. This in turn brought extreme price increases for the salt industry.

The Village had about 300 tons in storage from last season and was able to secure 1,800 tons of salt for this winter season. Currently DPW has received delivery of 1,600 tons and has about 700 tons in stock. The Department of Public Works (DPW) has 200 tons left to order to complete its salt contract. Once this order is delivered, DPW will not have access to any addition salt off this contract.

DPW estimates that for the month of December, 1,200 tons of salt were used on Village streets. Staff has concerns that if the weather continues to be harsh with many storms there will be insufficient salt to maintain clear streets to the “bare pavement policy” that DPW currently follows. Several options in the weeks ahead include:

1. Find an additional salt supplier using money from the General Fund. Currently the Village is paying \$155.58 per ton for salt.
2. Find a salt alternative.
3. Stretch the salt by only using it at hills, curves and intersections while salting/plowing main arterial routes and only plowing the remaining village streets.

The Village spent \$83,758.54 for de-icing chemicals for the 2007/2008 snow season, of which \$81,578.18 was for salt. For the 2008/2009 snow season DPW budgeted \$125,000.00. The actual cost for the 1,800 tons of salt will cost \$255,552.30. This, by far, exceeded the budgeted amount. The reason for the increase in salt prices is caused by a short supply.

SCHEDULE FOR CONSIDERATION: This item will appear on the Agenda of the Rules Meeting of January 5, 2009 for discussion.

VILLAGE OF PARK FOREST

MEMORANDUM

**TO: John A. Ostenburg, Mayor
Village Board of Trustees**

**FROM: Thomas K. Mick,
Village Manager**

DATE: December 29, 2008

**RE: An Ordinance Amending Chapter 86 of the Code of Ordinances (Solid
Waste) for the Village of Park Forest, Cook and Will Counties**

BACKGROUND/DISCUSSION:

The Village has been notified by Star Disposal (see attached letter) that there will be a 0% increase in refuse hauling rates for 2009 for the single family homes of Park Forest. This is the result of a clause in the Village's 10-year contract with Star that was negotiated in 2003/2004. The clause for a comparison of rate increases for years 1 through 5 of the contract versus what was the increase in the consumer price index. The favorable determination has been reflected in the draft ordinance as attached that sets forth refuse hauling rates for the final 5 years of the contract.

SCHEDULE FOR CONSIDERATION:

This item will appear on the agenda of the January 5, 2009 Rules Meeting for Board discussion.

ORDINANCE _____

**An Ordinance Amending Chapter 86 of the Code of Ordinances for
the Village of Park Forest, Cook and Will Counties**

BE IT ORDAINED, by the Mayor and Board of Trustees of the Village of Park Forest, Cook and Will Counties, Illinois that

Section I.

The old refuse hauling rates will be removed and the language of the Village Code, Chapter 86 Section 6 be amended as follows:

The charge for each single family residence shall be:

- \$18.38 per month for January 1, 2009 - December 31, 2009
- \$18.86 per month for January 1, 2010 - December 31, 2010
- \$19.35 per month for January 1, 2011 - December 31, 2011
- \$19.85 per month for January 1, 2012 - December 31, 2012
- \$20.37 per month for January 1, 2013 - December 31, 2013

for the collection and disposal of unlimited refuse weekly and recyclables every other week.

Section II.

This Ordinance shall be in full force and effect on January 1, 2009.

PASSED this _____ day of January, 2009

APPROVED:

ATTEST:

Mayor

Village Clerk



The kind of service others only promise.

20 South Street, Park Forest, Illinois 60466

(708) 748-8381

FAX: (708) 798-7193

12/16/2008

Village of Park Forest
350 Victory Drive
Park Forest, IL. 60466

Attn: Mr. Tom Mick

Dear Tom,

Good news for the Village of Park Forest. In our Residential Refuse Collection Agreement with the Village page 3, item #9 summarized reads: If the C.P.I. averages less than 3% between the contract years of 2004-2008 (years 2-5) there will be no increase in the 6th year. This letter is to notify you that the C.P.I. did in fact average less than 3% for the stated years, therefore there will be no increase applied for 2009. The next scheduled adjustment will be January 1, 2010.

Sincerely,
Tom Agema
Star/Homewood Disposal Service, Inc.