

**A RESOLUTION AUTHORIZING THE AWARD OF A CONTRACT
FOR ENGINEERING DESIGN AND ADMINISTRATIVE SERVICES –
WATERMAIN REPLACEMENT (IEPA LOAN PROGRAM)**

NOW, THEREFORE, BE IT RESOLVED by the Mayor and the City Council of the City of Rolling Meadows, Illinois, that a contract for Professional Engineering Services, including the preparation of several revised plan pages, specifications, bid assistance, and soil borings for the proposed watermain replacements on Brookmeade Drive, Magnolia Drive, Thorntree Lane, Hawthorne Lane, and Sycamore/Plum Grove Drive/East Frontage Road, be awarded to RJN Group, Inc., located at 200 West Front Street, Wheaton, Illinois 60187, in an amount not to exceed \$29,020, per the proposal dated January 11, 2012 (copy attached).

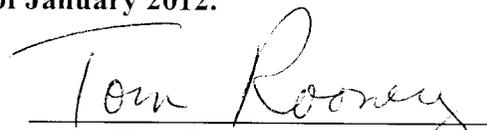
Funding for these projects is to be provided from Utilities - Water Operations Fund in Fiscal Year 2012 (Account #20.07.3500.60020) – IEPA Loan.

YEAS: Cannon, Allen, Judd, Banger, D'Astice, Larsen

NAYS: 0

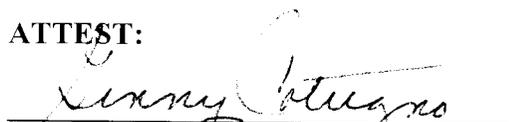
ABSENT: Buske

Passed and approved this 24th day of January 2012.



Tom Rooney, Mayor

ATTEST:



Ginny Cotugno, Deputy City Clerk

January 11, 2012

Mr. Fred Vogt
Director of Public Works
City of Rolling Meadows
3900 Berdnick Street
Rolling Meadows, IL 60008

Subject: City of Rolling Meadows
Final Design Revisions Brookmeade Water Main

Dear Mr. Vogt:

This proposal is for work in respect of the 2009 application to IEPA for a public water supply revolving loan. IEPA has now indicated that it is proceeding with the review of the City's loan application and anticipates funds being available in 2012.

This proposal addresses the assistance that RJN will provide the City for the final design modifications to plans and specifications to reflect the changes that will be required to convert this from an ARRA-funded to a revolving loan-funded project. In addition soil borings and the associated CCDD requirements also need to be undertaken prior to bidding.

As part of this proposal, RJN will coordinate the effort so that time critical milestones are achieved.

Proposed Scope of Work

A. Plans

It has been almost three years between the original survey and the current preparation for bidding. A field survey of the area will be required to confirm that there have been no material changes in the area which should be addressed in the plans. Such items will include driveway materials, plantings, size of trees to be removed and/or protected, any roadway improvements. Modifications to the plans to include final design changes, location of soil borings, references to ARRA funding etc. will be made to reflect these items.

In addition the intersection of Algonquin Road and Magnolia Drive immediately to the south of the Plum Grove Road is controlled by a traffic light and the right-of-way is under the jurisdiction of IDOT. Consequently traffic control plans will be required for work being undertaken at Magnolia and Plum Grove, with a subsequent review by IDOT

De-scoping of Killarney (which has been constructed) is not included in this proposal but is covered under the non-loan eligible contract for loan management.



B. Specifications

Changes to the specifications will be required to reflect the references to the IEPA revolving loan fund instead of ARRA funding and quantity confirmation with associated updated costs. Additional changes may be required depending on the confirmation survey findings. Dates for bidding, pre-bid meeting, and various names such as City Clerk and Mayor will need revising.

C. Soil Borings and CCDD Documentation

RJN will obtain six geotechnical soil borings to a depth of ten feet each and up to three soil technical tests together with the LPC 662 or 663 sign-offs as required. The report will be appended to the specifications and the locations of the borings added to the plan sheets

D. IDOT Permit and IEPA permit update

Coordination with IDOT will be required for traffic control and any work being undertaken in the vicinity of their right-of-way on Plum Grove Drive. It is anticipated that traffic control will be carried out in two stages with signing along Algonquin Road (IL Route 62). Plan sets including IDOT quality traffic control will be submitted for approval with requested permission to temporarily place signs and traffic control devices within their right-of-way.

The extension to the IEPA permit expires in February and a new extension will be required.

E. Project Management and Meeting

RJN will provide project management for the above tasks together with two meetings.

Proposed Fee

This work will be billed on a time and material basis using the enclosed fee schedule with a not-to-exceed maximum billing \$29,020.

Sincerely,
RJN Group Inc.

Catherine Morley P.E.
Project Manager

Enclosure: Engineering Fee Summary

TABLE 1

City of Rolling Meadows
2012 Watermain Replacement - Brookmeade Area
Update to 2009 Plans

Task No.	Task Description	170 QC	160 PM	100 PE	85 ET	65 CL	Total Hours	Total Cost
1001	Plum Grove Road/Magnolia Traffic Control Sheets	2	12	20	40		74	\$7,660
1002	Miscellaneous Plan Revisions	1	4	8	16		29	\$2,970
1003	Specifications	1	8	4	24	2	39	\$4,020
1004	Cost Estimate/Quantities		4	4	16		24	\$2,400
1005	Soil boring/CCDD Administration		2		12		14	\$1,340
1006	IDOT permit/IEPA permit update		2	4	4		10	\$1,060
1007	Project Management and Meetings	2	10	3		2	17	\$2,370
		<u>6</u>	<u>42</u>	<u>43</u>	<u>112</u>	<u>4</u>	<u>207</u>	<u>\$21,820</u>

Direct Expenses

9901	Mileage and Miscellaneous Expenses							\$200
9902	Soil Borings							\$7,000
							Direct TOTAL	<u>\$7,200</u>
							Contract TOTAL	<u>\$29,020</u>