

**A RESOLUTION AUTHORIZING THE AWARD OF A CONTRACT FOR
ENGINEERING SERVICES – 2012 SANITARY SEWER
REHABILITATION PROGRAM, MANHOLE REHABILITATION PROGRAM, AND
STORM SEWER REHABILITATION 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 construction plans and specifications, bid assistance, and “as needed” construction observation for the FY2012 Sanitary Sewer Rehabilitation Program, consisting of point/short lining of pipes and manhole to manhole pipe lining, sanitary sewer and storm sewer manhole rehabilitation, and storm sewer pipe grating, be awarded to RJN Group, Inc., located at 200 West Front Street, Wheaton, Illinois 60187, in an amount not to exceed \$29,185, per the proposal dated February 7, 2012 (copy attached).

Funding for these projects is to be provided from Utilities Fund in Fiscal Year 2012 (Account #20.07.5000.60020, \$9,660; Account #20.07.5000.50070, \$9,660; and Account #20.07.5100.60070, \$9,830).

YEAS:

NAYS:

ABSENT:

Passed and approved this 14th day of February 2012.

Tom Rooney, Mayor

ATTEST:

Ginny Cotugno, Deputy City Clerk

February 7, 2012

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

Re: 2012 Sanitary and Storm Systems Rehabilitation Programs
Project Scope and Cost Proposal

Dear Mr. Vogt:

RJN Group, Inc. (RJN) is pleased to submit this proposal for engineering services to continue the sanitary and storm systems rehabilitation programs.

Project Background

The City intends to undertake various sewer system rehabilitation projects this year. This proposal is to provide engineering design, bidding and construction services on an as-needed basis.

Proposed Project Scope of Work

1. Assisting in preparation of lining proposals, including exhibits, proposal documents, review of proposals, recommendation letter, Contract, part-time resident engineering as requested by City, and update to GIS sanitary sewer layer.
2. Assist in the procurement of manhole rehabilitation services, including exhibits, proposal documents, invitation and communication with Contractors, review of proposals, recommendation letter, Contract, part-time resident engineering as requested by City and update to GIS manhole rehabilitation layer.



3. Assist in the procurement of storm sewer grouting services, including exhibits, proposal documents, invitation and communication with Contractors, review of proposals, recommendation letter, and Contract preparation.
4. Update GIS manhole layer to separate repair types into individual layers. Provide additional GIS updates of the sanitary layer as requested within budget constraints.

The work will be invoiced on a time and material basis, based on the attached Fee Schedule not to exceed **\$30,000**. Individual projects will be budgeted and approval obtained from the Department of Public works prior to execution. A breakdown of the anticipated project costs is enclosed. A schedule will be determined at the time each individual project is approved. All work will be completed by December 31, 2012.

Respectfully submitted,
RJN GROUP, INC.

A handwritten signature in cursive script that reads "Catherine Morley".

Catherine Morley, P.E.
Project Manager

Enclosed : Engineering fee summary

City of Rolling Meadows
 2012 Sanitary and Storm Systems Rehabilitation
 Estimated Level of Effort for Engineering Services

Task No.	Task Description	Rate (\$):	170 PD	160 PM	100 PE/RE	85 ET/GIS	65 FT	Total Hours	Total Cost
SEWER REHABILITATION									
1001	Proposal, cost estimate and exhibit			5	8	15		28	\$2,875
1002	Bid/Quote & Contract Award Assistance			3	5	10		18	\$1,830
1003	Part-time Resident Engineering				12		16	12	\$1,200
1004	Contract Administration		1	8	12			21	\$2,650
1005	As-built Summary Table and GIS layer update					8		8	\$680
			1	16	37	33		87	\$9,235
	Direct Expenses								
9901	Mileage								\$325
9902	Printing								\$100
								SUB-TOTAL	\$9,660
MANHOLE REHABILITATION									
2001	Proposal, cost estimate and exhibit			5	8	15		28	\$2,875
2002	Bid/Quote & Contract Award Assistance			3	5	10		18	\$1,830
2003	Part-time Resident Engineering				12		16	12	\$1,200
2004	Contract Administration		1	8	12			21	\$2,650
2005	As-built Summary Table and GIS layer update					8		8	\$680
			1	16	37	33		87	\$9,235
	Direct Expenses								
9901	Mileage								\$325
9902	Printing								\$100
								SUB-TOTAL	\$9,660
STORM SEWER GROUTING									
3001	Proposal, cost estimate and exhibit			5	8	15		28	\$2,875
3002	Bid/Quote & Contract Award Assistance			3	5	10		18	\$1,830
3003	Part-time Resident Engineering				12		16	12	\$1,200
3004	Contract Administration		2	8	12			22	\$2,820
3005	As-built Summary Table and GIS layer update					8		8	\$680
			2	16	37	33		88	\$9,405
	Direct Expenses								
9901	Mileage								\$325
9902	Printing								\$100
								SUB-TOTAL	\$9,830
4001	GENERAL GIS UPDATES						10		\$850
								TOTAL	\$30,000

MANHOLE REHAB

C	MH# 34-9	MERIDAN BANQUETS	12'	PRECAST	INFILTRATION
C	MH# 12-71	2621 BENTON ST	15'	PRECAST	INFILTRATION
C	MH# 12-73	4781 BENTON ST	8'	PRECAST	INFILTRATION
B	MH# 20-17	3300 MEADOW	11'	BLOCK	OPEN JOINTS
B	MH# 20-18	2803 MARTIN LN	11'	BLOCK	OPEN JOINTS W/ROOTS
C	MH# 11-82	2280 HICKS RD	8'	PRECAST	INILFILTRATION
C	MH# 11-81	2320 HICKS RD	8'	PRECAST	INFILTRATION
C	MH# 16-22	C 2615 PEBBLEBROOK	12'	PRECAST	INFILTRATION
B	MH# 21-33	2314 PARK ST	8'	BLOCK	INFILTRATION/BAD INVERT
B	MH# 19-36	3616 KIRCHOFF RD	8'	BLOCK	HOLE BY INVERT/ INFILTR
B	GIS18288	BEHIND JEWEL	14'	BLOCK	BAD BENCH/INFILTRATION
B	MH# 21-03	SEC GROVE-WILKE	11'	BLOCK	SEAL DEAD PIPE/INFILTR
B	MH# 11-13	CAMPBELL/ROHLWING	19'	BLOCK	INFILTRATION/OPEN JNTS
B	MH# 24-08	SEC BOBWHITE CT	10'	BLOCK	HOLES WINFILTRATION
B	MH# 20-32	3009 MARTIN LN	6'	BLOCK	HOLE / INFILTRATION
B	MH# 9-39	SEC WING/MEADOW	10'	BLOCK	HOLEW/RTS/INFILTRATION
B	MH# 20-53	NWC OF P-LOT LIBRARY	9'	BLOCK	HOLES/INFILTRATION
B	MH# 20-30	3200 PHEASANT/MARTIN	8'	BLOCK	DEAD CONN./ INFILTR
B	MH# 9-50	2100 ST. JAMES	6'	BLOCK	BAD INVERT/INFILTRATION
B	MH# 24-02	3505 THRUSH LN	9'	BLOCK	ROOTS / INFILTRATION
C	MH# 7-23	4332 VERMONT/EUCLID	8'	PRECAST	BAD INVERT/INFILTRATION
B	MH# 20-19	2705 MARTIN LN	11'	BLOCK	DEAD PIPE / INFILTRATION
STORMS					
A	GIS1002	4632 LINCOLN	8'	BLOCK	OPEN HOLES / CAVE-IN
A	GIS51089	NEC GROUSE/MEADOW	7'	PRECAST	HOLES AROUND PIPE
A	GIS51090	MEADOW/GROUSE	9'	BLOCK	OPEN HOLES / CAVE-IN
A	GIS50227	2703 DOVE ST	4'	BLOCK	DEAD PIPE/SPLIT BOTTOM

2012 SANITARY SEWER PIPE LINING LOCATIONS

SECTION: CREEK SIDE / VARIOUS LOCATIONS

STREET	SEGMENT #	FOOTAGE	SIZE	# OF LATERALS	COST ESTIMATE	COMMENTS
GROVE	21-27 TO 21-03	400	12"	4	\$ 21,600.00	/// AT TAPS CRACKING T-LINER
BOBWHITE CT	24-11 TO 24-08	130	8"	0	\$ 4,225.00	RTS IN JTS / SAG / DEAD LATS
MARTIN LN	21-68 TO 21-65	150	8"	1	\$ 5,025.00	RTS IN JTS CRACKED PIPE
TAFT / D-END NORTH	7-47 TO 7-46	325	8"	5	\$ 11,312.50	RTS IN JTS CRACKED PIPE DL
EUCLID OFF RAMP	11-46 TO 11-45	235	8"	0	\$ 7,637.50	HEAVY ROOTS IN JOINTS
EUCLID OFF RAMP	11-45 TO 11-44	236	8"	0	\$ 7,637.50	HEAVY ROOTS IN JOINTS
STONERIDGE COURT	18-01 TO 18-02	120	8"	1	\$ 4,050.00	SEVERAL CRACKS
ROSEWOOD - BYARD	18-10 TO 18-09	220	8"	3	\$ 7,600.00	BYARD / LONG. CRACKING
BURNING TREE	19-49 TO 19-48	145	8"	2	\$ 5,012.50	BAD PIPE BEFORE DROP
OLD HICKORY	19-64 TO 19-63 TO 19-53	25	8"	0	\$ 812.50	SL-BROKEN PIPE BOTH SIDES
WOODS CHAPEL/SHAG	19-40 TO 19-39	130	8"	2	\$ 4,625.00	LONG. CRACKS
PINE VALLEY	19-96 TO 19-53	165	8"	2	\$ 5,662.50	OVAL. BAD CRACKS
OLD VALLEY	19-52 TO 19-51	50	8"	1	\$ 1,775.00	RTS IN JOINTS/OFFSET CKS
BLAKTWIN	19-45 TO 19-44	90	8"	2	\$ 3,225.00	BAD JTS WITH ROOTS
RED HAW	19-43 TO 19-42	95	8"	3	\$ 3,537.50	BEND IN JT OFFSET DROP
WOODS CHAPEL CT	19-39 TO 19-38	250	8"	3	\$ 8,575.00	110' FT OF CRACKING
ALTERNATES		2,765		32	\$ 102,212.50	

FIELDSTONE/SHAGBAR	19-41 TO 19-40	380	8"	9	\$ 13,700.00	BAD OFFSET/CUT TAPS
WOODBINE	19-47 TO 19-46	240	8"	4	\$ 8,400.00	BAD PIPE BEFORE DROP
		620		13	\$ 22,100.00	

cleaning	lining	services	TOTAL
1,000	20,000	600	21,600
325	3,900	0	4,225
375	4,500	150	5,025
813	9,750	750	11,313
588	7,050	0	7,638
588	7,050	0	7,638
300	3,600	150	4,050
550	6,600	450	7,600
363	4,350	300	5,013
63	750	0	813
325	3,900	300	4,525
413	4,950	300	5,663
125	1,500	150	1,775
225	2,700	300	3,225
238	2,850	450	3,538
625	7,500	450	8,575
			\$ 102,213

950	11,400	1,350	13,700
600	7,200	600	8,400
			22,100

2012 GROUTING LOCATIONS

LOCATION:	STRUCTURE ID	SIZE	FOOTAGE
1.) ROHLWING RD	#7721 TO #7712	21"	250'
2.) ROHLWING RD	#7668 TO #7658	15"	150'
3.) ROHLWING RD	#7658 TO #7655	12"	150'
ALTERNATES:			
A.) ROHLWING/BKYD	#7727 TO #7716	12"	200'
B.) BKYD TO FLICKER	#7776 TO #7775	12"	200"