

**Rantoul Village Board of Trustees
Regular Study Session
July 3, 2012**

Order of Business

Board Packet Page(s)

- 1. Call to Order – Mayor Williams**
Roll Call
- 2. Public Participation**
Citizens wishing to address the Village Board with respect to any pending item of business listed upon the agenda or any matter not appearing on the agenda are asked to complete a public participation form and submit it to the Village Clerk prior to the meeting. Public comments will be limited to three minutes for each speaker.
- 3. Items from the Mayor**
- 4. Items from Trustees**
- 5. Items from the Clerk**
 - A) Presentation of any Addendum Items for the Agenda
- 6. Items from the Administrator**
- 7. Monthly Department Reports**
- 8. Items for the Consent Agenda**
 - A) Approval of Minutes, Regular Study Session, June 5, 2012
 - B) Approval of Minutes, Public Hearing, June 12, 2012
 - C) Approval of Minutes, Regular Board Meeting, June 12, 2012
 - D) Approval of Minutes, Special Board Meeting, June 26, 2012
 - E) Approval of Minutes, Special Board Meeting, June 28, 2012
 - F) Approval of Bills and Monthly Financial Reports
- 9. Items from Public Works**
 - A) Purchase three S & C PME -11 switch cabinets for Industrial Park 1-8
 - B) Approval of Engineering Agreement with Spaceco, Inc. for
northwest corner of Route 136 & N. Evans Road 9-38
- 10. Items from Inspection**
 - A) Purchase of 1620 Lowry Dr. 39-40
 - B) Demolition bids on 429 S. Steffler St. 41-42
- 11. Items from Comptroller**
 - A) Budget Amendments – Public Works 43-45

12. Items from Counsel

13. Closed Session

46-47

Motion to enter into Closed Session pursuant to 5 ILCS 120/2 (C) 21, to discuss the minutes of meetings lawfully closed under the Act, whether for the purpose of approval by the body of the minutes or semi-annual review of the minutes as mandated by Section 2.06

14. Adjournment

Statement Regarding Compliance with the Americans with Disabilities Act (ADA)


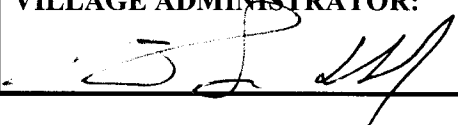
The Village of Rantoul wishes to ensure that its programs, services, and activities are accessible to individuals with disabilities. All Village Board meetings are wheelchair accessible. Persons who require an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of the Village of Rantoul should contact the ADA Coordinator at (217) 892-6821. TTY users should dial 7-1-1 or call the Illinois Relay Center at 1-800-526-0844 (TTY) or 1-800-526-0857 (V). TTY users requiring Spanish language assistance should call 1-800-501-0864 (TTY).

We would appreciate advance notice of at least 48 hours for any requests to receive an agenda in an alternate format or other types of auxiliary aids and services.

**BOARD OF TRUSTEES
VILLAGE OF RANTOUL**

AGENDA ITEM

PAGE _____ OF _____

ITEM: Purchase three (3) S&C PME-11 dead-front switch cabinets for the Industrial Park	DEPARTMENT: Public Works
AGENDA SECTION:	AMOUNT: \$56,082.00
ATTACHMENTS: () ORDINANCE (X) OTHER (See Summary Highlights) (X) SUPPORTING DOCUMENTS	DATE: June 21, 2012
<p>SUMMARY HIGHLIGHTS:</p> <p>This Agenda Item provides for the purchase of three (3) S&C PME-11 dead-front switch cabinets for the expansion of the underground distribution system in the Industrial Park. These cabinets serve as junction points within the system and allow for the customer's electric loads to be manually transferred between different primary electric distribution circuits to provide alternate feeds (improved reliability) to the customers.</p> <p>The initial advertisement requested pricing on a new S&C 15kv outdoor switchgear bay and two (2) new S&C PME-10 dead-front switch cabinets. During the advertisement period and as the site and electrical needs of Project Gravity crystalized, an additional option was identified that would provide additional switching flexibility and address the entire area's future system needs by utilizing a different (but somewhat longer) cable route and utilizing different S&C dead-front switch cabinets (PME-11). (The PME-10 and PME-11 have the same physical appearance and operate the same, the only difference is the PME-11 has a compartment for providing fuse protection of a transformer and three (3) solid blade compartments for switching, while the PME-10 has all (4) solid blade switching compartments)</p> <p>This project was advertised locally on June 13th and also forwarded to various regional electric vendors and suppliers. Bids were received on June 21st at 2:00p.m. The resulting Bid Tabulations are included for your reference. HD Supply was the lone bidder that provided pricing on the specified equipment. S&C switch gear was specified in order to match the existing upright switch bay and various switch cabinets previously purchased and in service. The Village has found this equipment to be low cost, reliable and receives excellent service support.</p> <p>Currently, the Village will only need to award and purchase the three (3) S&C PME-11 dead-front switch cabinets priced in Part #3 to HD Supply in the amount of \$56,082.00. The bids associated with the purchase of a S&C 15kv outdoor switchgear bay (Part #1) and the purchase of two (2) S&C PME-10 dead-front switch cabinets (Part #2) can be rejected.</p> <p>Funds were identified in the 2012-213 Budget (\$100,000) for switch cabinet and primary cable improvements in the Industrial Park. These funds in account #541-1180-430.75-70 will be utilized for this purchase and system expansion.</p>	
<p>RECOMMENDED ACTION: Authorize the purchase of three (3) S&C PME-11 dead-front switch cabinets (Part #3) from HD Supply in the amount of \$56,082.00 and reject all bids associated with the purchase of a S&C 15kv outdoor switchgear bay (Part #1) & the purchase of two (2) S&C PME-10 dead-front switch cabinets (Part #2.)</p>	
<p>DEPARTMENT HEAD APPROVAL: G. Gregory Hazel, P.E.</p> 	<p>VILLAGE ADMINISTRATOR:</p> 
AGENDA PAGE NUMBER:	

BID TABULATION – Bid #VRNTL-13-B-01 Part #1

June 21, 2012 at 2:00PM

PROJECT: Purchase of S&C 15kv Outdoor Switchgear Bay

OWNER: Village of Rantoul

By: Village of Rantoul, Department of Public Works

“Reject All Bids”

Bidder	Lead Time	Price	
HD Supply Utilities P.O. Box 729 Mattoon, IL 61938 (800) 637-7121		\$18,218.00	
Fletcher Reinhardt Company 3105 Corporate Exchange Ct Bridgeton, MO 63044 (800)-506-0705		No Bid	

S&C Metal-Enclosed Switchgear

Indoor and Outdoor Distribution

Matchless Construction Features Assure Long Service Life

The top-quality features of S&C's switchgear bring the superior reliability and security needed to assure service continuity on your medium-voltage distribution system.

Described below are some of the many built-in reasons for specifying S&C Metal-Enclosed Switchgear . . . in both the outdoor style illustrated below and the indoor style that dif-

fers only in its having a finish suited to indoor requirements and through omission of certain weatherproofing features.

Rugged construction. Each bay of S&C Metal-Enclosed Switchgear—fabricated from 11-gauge steel—is a monocoque unit with an integral channel base around all four sides. With this unitized design, there are always double walls between adjoining bays. Accurately formed, matching enclosures assure perfect alignment in multibay lineups.

No exposed bolts on enclosure sheets or roofs to attract the vandal. Even future bus extensions are internally secured.

Comprehensive access controls—all doors have heavy-duty latches and hinges and are padlockable; manual switch handles are padlockable in both switch-closed and switch-open positions. Access is further limited by snaplocks or interlocks.

Wide bulkhead-type doors provide convenient front access for cable termination. There's no need for rear access . . . gear can be placed back-to-back or against a wall, using a minimum of floor space.

Inner screen doors—bolted closed—are a second barrier guarding against inadvertent entry.

UL Category A enclosures. With a few simple additions—such as lockable covers over windows and meters—S&C Metal-Enclosed Switchgear provides the industry's highest standard of security for this class of equipment.

S&C's unique Ultradur® finish guards against corrosion. S&C's proven multicoat finishing system provides lasting protection that cuts enclosure maintenance costs. In addition, all hardware is galvanized, zinc-nickel plated, or of stainless-steel or nonferrous materials to resist corrosion.

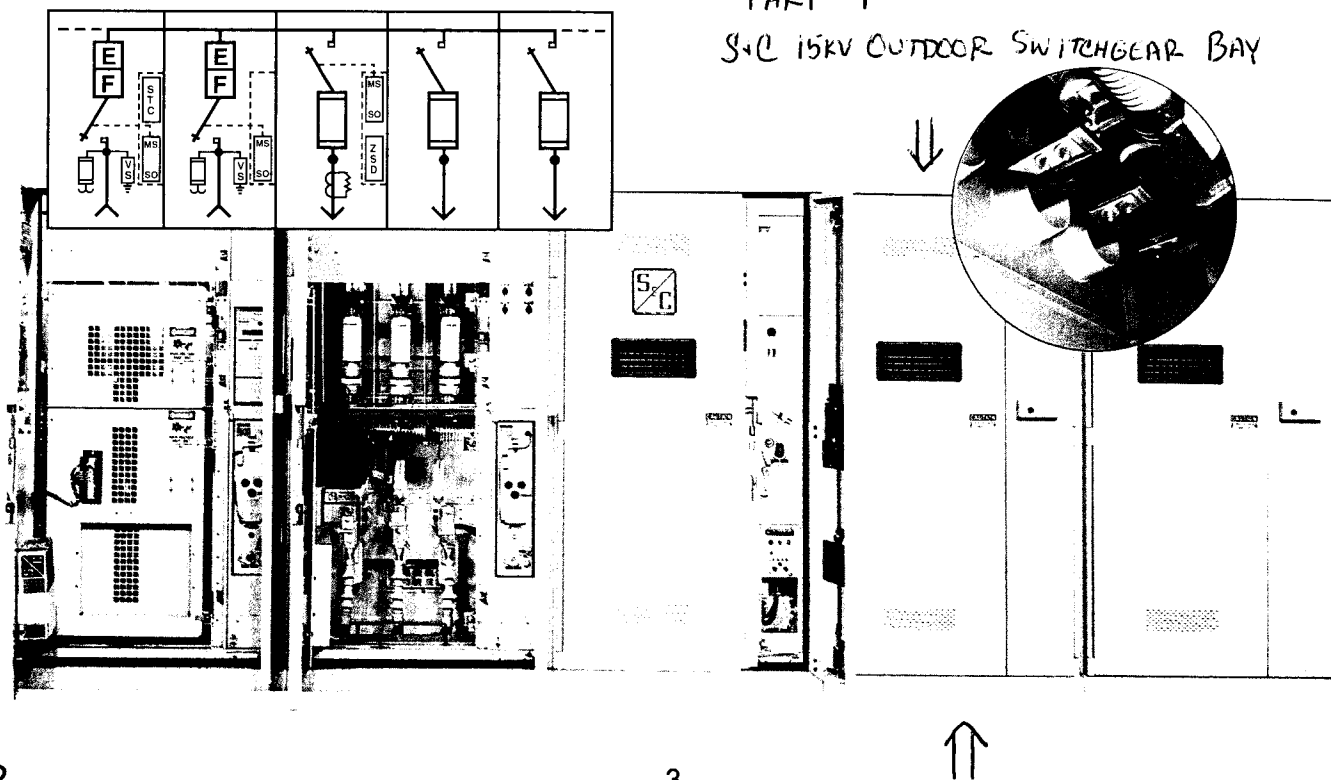
Specially designed gasketing or sealants provide weather-tight seals at door openings, at top and side edges of adjoining bays and interbay bus openings, and at the roof.

Insulating "no-drip" compound on the underside of the roof checks condensation.

Cypoxy®. S&C's cycloaliphatic epoxy resin insulation system, insulates all live parts from ground—it's nontracking, self-scouring, and nonweathering. Cypoxy insulators have greater leakage distances . . . optional through bushings provide isolation between bays.

Grounding provisions—heavy-duty bails on all cable-termination points, and on the ground bus, accommodate portable grounding equipment.

Bus connections—protected by an oxide-inhibiting compound, are bolted to a uniform torque. Special-purpose washers and bolts maintain optimum contact pressure.



BID TABULATION – Bid #VRNTL-13-B-01 Part #2

June 21, 2012 at 2:00PM

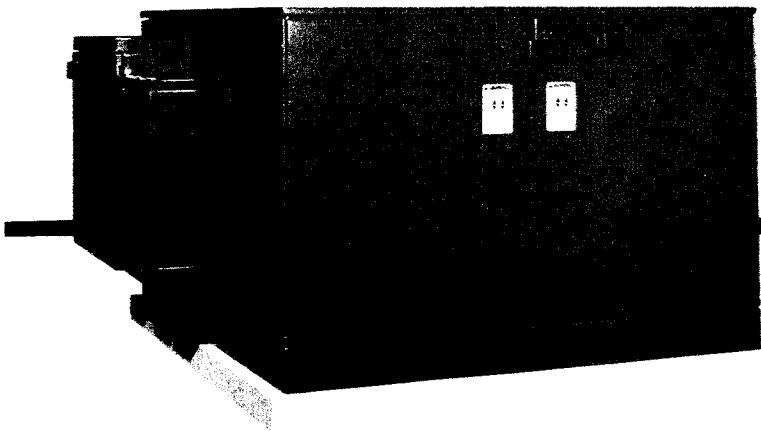
PROJECT: Purchase of two (2) S&C PME-10 dead-front switch cabinets

OWNER: Village of Rantoul

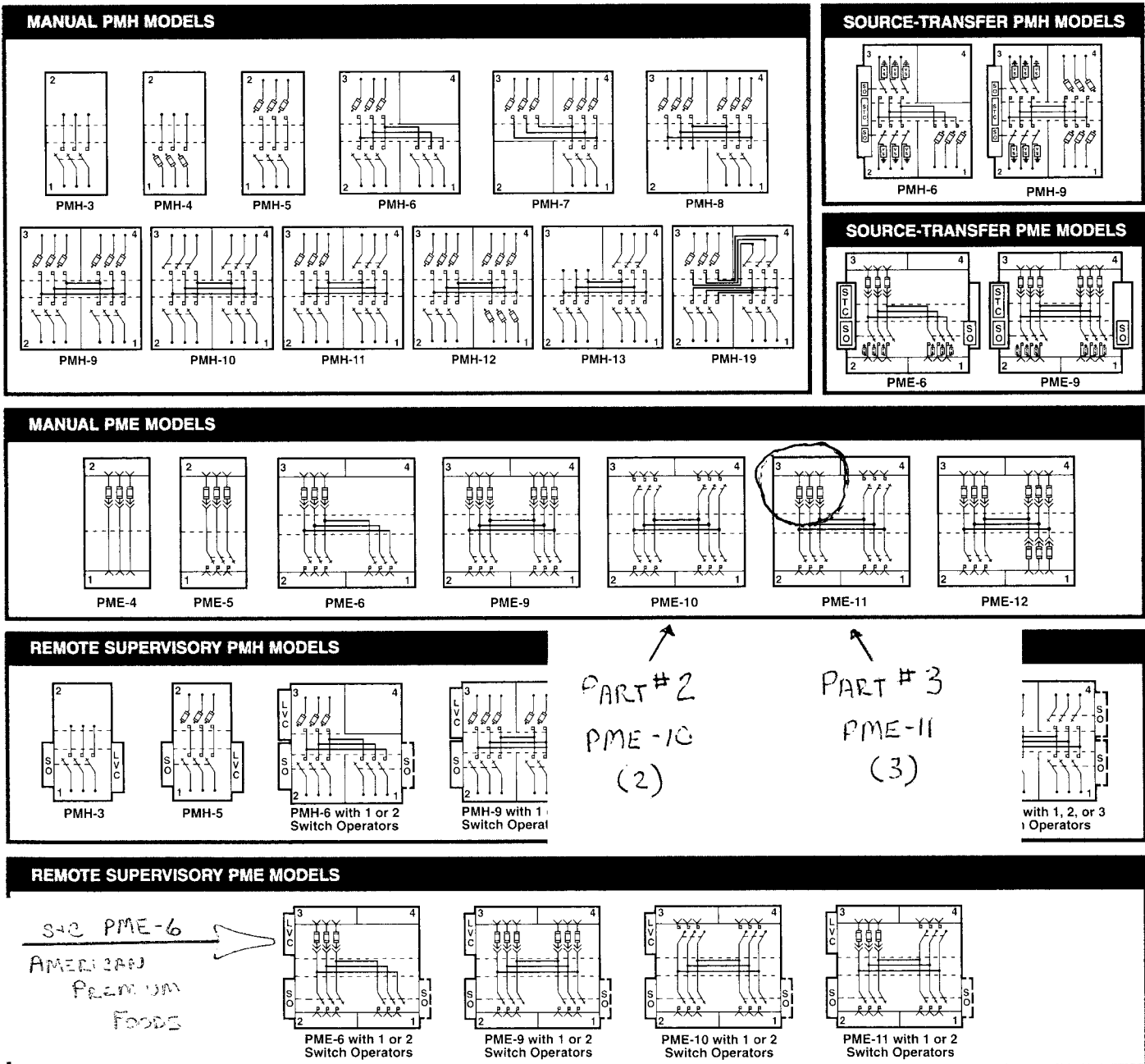
By: Village of Rantoul, Department of Public Works

“Reject All Bids”

Bidder	Lead Time	Price	
HD Supply Utilities P.O. Box 729 Mattoon, IL 61938 (800) 637-7121		\$39,980.00	S&C PME-10
Fletcher Reinhardt Company 3105 Corporate Exchange Ct Bridgeton, MO 63044 (800)-506-0705		\$31,562.00	Cooper RVAC-10



Circuit Configurations



The Rural Utilities Service has approved suitably equipped PMH Models and all PME Models of S&C Pad-Mounted Gear.

BID TABULATION – Bid #VRNTL-13-B-01 Part #3

June 21, 2012 at 2:00PM

PROJECT: Purchase of three (3) S&C PME-11 dead-front switch cabinets

OWNER: Village of Rantoul

By: Village of Rantoul, Department of Public Works

Bidder	Lead Time	Price	
HD Supply Utilities P.O. Box 729 Mattoon, IL 61938 (800) 637-7121	12 weeks	\$56,082.00	S&C PME-11
Fletcher Reinhardt Company 3105 Corporate Exchange Ct Bridgeton, MO 63044 (800)-506-0705	10 weeks	\$68,298.00	Cooper RVAC-11

INVITATION FOR BID

Bid #VRNTL-13-B-01, for

“Purchase of a new 15kv S&C switchgear bay and two (2) new S&C PME-10 dead-front switch cabinets”

THE VILLAGE OF RANTOUL, ILLINOIS, will receive separate sealed bids for the purchase of a new 15kv S&C switchgear bay and two (2) new S&C PME-10 dead-front switch cabinets.

Bids will be received until closing time of **2:00 P.M.** prevailing time on **June 21, 2012** at the Rantoul Municipal Building, 333 South Tanner Street, Rantoul, Illinois. Any Bid received after the closing time will not be considered and will be returned unopened. Bids submitted by mail should be identified on the outside of the envelope as a bid for **“Purchase of a new 15kv S&C switchgear bay, Bid #VRNTL-13-B-01 Part #1”, and/or the “Purchase of two (2) new S&C PME-10 dead-front switch cabinets, Bid #VRNTL13-B-01 Part #2** and should be addressed to:

Scot Brandon, Comptroller
Village of Rantoul
P.O. Box 38
333 S. Tanner St.
Rantoul, Illinois 61866

Any questions regarding the equipment, please contact:

G. Gregory Hazel, P.E.
200 W Grove Ave
Rantoul, IL 61866
(217) 892-6526

The Invitation for Bid (IFB) is available at the Rantoul Municipal Building, 333 South Tanner Street, Rantoul, Illinois, or by downloading the information from the Village of Rantoul’s web site at <http://www.myrantoul.com/government/purchasing/index.html>

The contract to be entered into shall be conditioned as provided by law.

The Village of Rantoul, Illinois, reserves the right to reject any or all bids and to waive any informalities. No Bid shall be withdrawn after the opening of bids without consent of the Village of Rantoul, Illinois, for a period of sixty (60) days.

VILLAGE OF RANTOUL

Dated: June 5, 2012

By:

Scot Brandon
Comptroller

ADDENDUM NUMBER 1
Bid #VRNTL-13-B-01
BIDDING and CONTRACT DCOUMENTS
for the

“Purchase of a new 15kv S&C switchgear bay and two (2) new S&C PME-10 dead-front switch cabinets”

Date of Addendum: June 11, 2012



This addendum forms a part of the Bidding Documents and Contract Documents and modified the original documents dated November 5, 2012. Acknowledge receipt of this addendum on the attached form, which must accompany the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUAILIFICATION.

The Village of Rantoul seeks to include Bid Tabulation #VRNTL-13-B-01 Part #3 to the bid packet to have a vendor furnish and deliver three (3) new S&C PME-11 dead-front, pad-mounted switch cabinets.

**BOARD OF TRUSTEES
VILLAGE OF RANTOUL**

AGENDA ITEM

PAGE **OF**

ITEM: Preliminary, Design & Construction Engineering Agreement with Spaceco, Inc.	DEPARTMENT: Public Works
AGENDA SECTION:	PROJECT AMOUNT: \$310,000.00 - N.T.E. Phase 1 & Phase 2 Engineering <u>\$219,000.00 - Phase 3 Engineering</u> \$529,000.00 - Total \$371,181.50 - EDP Funds (Anticipated) \$157,818.50 - Village's Anticipated Allocation
ATTACHMENTS: <input type="checkbox"/> ORDINANCE <input type="checkbox"/> RESOLUTION <input checked="" type="checkbox"/> OTHER (See Summary Highlights) <input checked="" type="checkbox"/> SUPPORTING DOCUMENTS	DATE: June 28, 2012
SUMMARY HIGHLIGHTS: <p>This Agenda Item provides for the preliminary (Phase 1), design (Phase 2), and construction (Phase 3) engineering services with Spaceco Inc. which will provide for the infrastructure improvements to the new industrial site at the northeast corner of Route 136 and N. Evans Road. The anticipated improvements include water, sanitary, storm system extensions; improvements to Route 136 and N. Evans Road; and the development of a new east/west industrial drive.</p> <p>This engineering agreement also provides for the necessary documentation to develop and submit an Economic Development Program (EDP) application on behalf of the Village in an effort to secure Illinois Department of Transportation (IDOT) funds for the improvements to Route 136, Evans Road, and the new east/west industrial drive.</p> <p>Spaceco Inc. has been involved in this project and has detailed knowledge of the site utility needs and roadway improvements required to ensure a timely and successful project.</p>	
RECOMMENDED ACTION: Authorize the approval of an Engineering agreement with Spaceco Inc. in the amount of \$529,000.00 for the preliminary (Phase 1), design (Phase 2), and construction (Phase 3) engineering services for the infrastructure improvements necessary to serve the industrial site at the northeast corner of Route 136 & N. Evans Road.	
DEPARTMENT HEAD APPROVAL: G. Gregory Hazel, P.E. 	VILLAGE ADMINISTRATOR: 
AGENDA PAGE NUMBER:	



CONSULTING ENGINEERS

SITE DEVELOPMENT ENGINEERS

LAND SURVEYORS

9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

Revised June 15, 2012

Revised June 14, 2012

May 24, 2012

VIA MAIL & EMAIL

Mr. Greg Hazel, P.E.
Director of Public Works
Village of Rantoul
200 W. Grove Avenue
Rantoul, IL 61866
Phone: 217-892-2178
Fax: 217-892-8710

**RE: PROFESSIONAL ENGINEERING & SURVEYING SERVICES PROPOSAL
PUBLIC IMPROVEMENTS TO ROUTE 136, EVANS ROAD,
& PROPOSED ACCESS ROADWAY (GRAVITY COURT)
VILLAGE OF RANTOUL, ILLINOIS
SPACECO Project No. 6870.03**

Dear Greg,

In response to your request, SPACECO, Inc. is pleased to provide you with this proposal for professional engineering and surveying services related to the development of improvements to Route 136, Evans Road, and the Proposed Access Roadway (Gravity Court) for the Project Gravity Development in the Village of Rantoul, Illinois. The purpose of these services is to provide surveying, preliminary, and final engineering design, construction plans, and specifications for the grading, paving, utility service, and drainage aspects of public improvements to benefit the Project Gravity development and the surrounding area. The following describes our Understanding of the Assignment, Scope of Services, and Fee.

UNDERSTANDING OF THE ASSIGNMENT

- The Village of Rantoul has worked with the Development Team of the Ingelman/Kirchner Property to construct public improvements for the Project Gravity Development. The Village, as part of the development agreement, has agreed to design and construct improvements to Route 136, Evans Road, and construct an Access Roadway (Gravity Court) for the benefit of Project Gravity and the remainder parcel of the Ingelman/Kirchner Property.
- The plan is to improve the intersection of Route 136 and Evans Road with dual eastbound left turn lanes to improve access the I-57 & Route 136 interchange. Taper and Storage distances will be improved along Evans Road as part of the improvement. For the proposed Access Roadway (Gravity Court), the plan is to construct a ±2,600 L.F industrial roadway with utility extensions to provide access to the proposed Project Gravity Development.
- This scope of work is based on "Evans Road & Route 136 Intersection Exhibit" dated May 16, 2012 stamped "Preliminary" and the Preliminary Engineering Plans for Project Gravity dated May 18, 2012. Both Plans have been attached to this proposal.

EXISTING ROADWAY & ANTICIPATED IMPROVEMENTS

- Route 136 is a four-lane roadway under the jurisdiction of the Illinois Department of Transportation (IDOT).
- Evans Road is a two-lane concrete roadway under the jurisdiction of the Village of Rantoul.
- The southbound approach of Evans Road to Route 136 is signalized with one inbound lane and two outbound lanes. One outbound lane is striped for a left-turn and thru lane, and the other outbound lane is striped for an exclusive right-turn lane.
- Based on the recommendation of the traffic study prepared by KLOA, Inc., improvements to the Route 136 & Evans Road Intersection are required to service the proposed development and surrounding properties. The Traffic Study was previously submitted to the Village for review.
- The recommendation is to modify the southbound approach to Route 136 to reconfigure the two outbound lanes. One outbound lane should be striped for an exclusive left-turn lane only and the second lane should be a combined left-turn, through, and right-turn lane. To accommodate the reconfigured turning

movements, Route 136 traffic signal modifications may be required and will need to be discussed with IDOT.

- The Proposed Access Roadway (Gravity Drive) will be a concrete industrial roadway 36' b-b wide roadway with curb & gutter, sidewalk, street lights, and cul-de-sac turnaround. The roadway will be located in an eighty-foot (80') right-of-way with storm sewer, sanitary sewer, and watermain.

THE WORK

We will prepare the following for the on-site grading, paving, utility service and drainage aspects of the proposed development:

- Project Coordination with Village & IDOT District 5
- Existing Topographic & Right-of-way Survey
- Route 136 & Evans Road Roadway and Traffic Signal Improvement Plans
- Sanitary Sewer and Watermain Sewer Extensions for Access Drive (Gravity Court)
- Access Drive (Gravity Court) Improvement Plans

SPACECO is also available to perform construction observation, layout staking, and record drawings, which scope and fee can be agreed upon later.

ASSUMPTIONS

In preparing this proposal, we have attempted to provide you with a complete package of the engineering services anticipated at this point in time. In doing so, we have made some assumptions, based on the available information, which will need to be verified during the engineering process. If any findings differ from these assumptions, additional design may be needed, which will be considered in a separate agreement for services after the limits of work are clarified.

- We will prepare two separate sets of engineering plans, specifications, & cost estimate. One set for the Route 136 & Evans Road Intersection Improvements, and one set for the Utility Extensions and the Access Roadway (Gravity Court) Improvements. As discussed with IDOT & Village, the goal of separate plans would be to construct the Access Roadway (Gravity Court) on an accelerated schedule from the Route 136 Improvements.
- The Village will be applying to the Economic Development Program (EDP) for partial funding for the public Roadway Improvements. The Improvements to the State Route are eligible for 100% funding and the improvements to Evans Road and the Access Roadway (Gravity Court) are eligible for 50% funding with a total project cap amount of \$2,000,000. The design plans for the improvements will follow the MFT format.

- Application for EDP funding is currently being prepared by the Village and development team. If the funding is received, the improvement areas will need to have a Preliminary Environmental Site Assessment (PESA) conducted or approved by the Illinois Department of Transportation.
- We have assumed that the findings of the Environmental Coordination required by IDOT will indicate that a Preliminary Site Investigation (PSI) will not be required and has therefore not included the preparation of a PSI in this scope of work. Should a PSI be required, we will add preparation of the investigation into our scope of work.
- The utility extensions including street lighting along Evans Road and the Access Drive are not eligible for EDP funding.
- All improvements will be within existing State or Village Right-of-way. Acquiring additional right-of-way for the improvements is not anticipated. If it is found additional right-of-way will be required, services will be provided under a separate scope.
- Per conversation with IDOT, An intersection design study (IDS) will not be required for the Evans Road and Access Roadway (Gravity Court) Intersection.
- All Electric, Gas, Telephone, and Fiber improvements will be designed by others; locations of proposed & existing dry utilities will be shown on the plans for reference only.
- All street lighting for Evans Road and Access Roadway will be designed and constructed by the Village of Rantoul. We will add lighting locations to the plans for coordination purposes. No additional lighting has been contemplated for Route 136. If additional lighting/photometric analysis is required, services will be provided under a separate scope.
- A Maintenance of Traffic Plan will be the responsibility of the selected contractor for the project. Typical construction cross-sections will be on the plans with standard traffic control details provided by IDOT.
- The utilities to be connected into have adequate capacity and will not require any upgrading or modification.

PROVIDED BY OTHERS

- Permitting (Except As Noted)
- Environmental Assessments, Mitigation, or Clean-Up
- Street Lighting for Evans Road & Access Roadway (Village)
- Dry Utility Locations

SCOPE OF BASIC SERVICES

Task 1 – Kickoff Meeting and Data Collection: SPACECO, Inc., will attend an initial project kickoff meeting with the Village of Rantoul to discuss the project objectives and to refine the project scope as necessary. SPACECO, Inc., will collect, examine, review and evaluate data to be utilized for Task 8 – Preliminary Plans and Specifications, which will include at least the following base information:

- Existing Public Private Utility Information
- Village Utility Atlases
- Existing Right-of-Way information (Plats)

Task 2 – Supplemental Topographic & Right-of-Way Survey: Under this task, SPACECO, Inc. will perform the supplemental topographic survey necessary for complete coverage of the project limits described in the Understanding of the Assignment. This survey work will supplement the topographic survey work that was completed by SPACECO, Inc. in 2011. SPACECO, Inc. will perform the following survey tasks:

Existing Right-of-Way: SPACECO, Inc. will establish the existing right-of-way for the roadways within the project limits based on monumentation found in the field, and based on available plats of highways, subdivision plats and any other available information.

Topographic Survey: SPACECO, Inc. will field locate all pavements, driveways, curb and gutters, pavement markings, signs, manholes, utility vaults, drainage structures, etc., within the above noted survey limits for the project.

Utility Survey: All existing storm and sanitary sewers will be surveyed to determine rim and invert elevations and pipe sizes. Above ground facilities of any additional underground utilities including water main, gas, electric, cable, etc. will also be located.

Task 3 – Environmental Coordination: SPACECO will perform an initial biological and cultural resource database search via the IDNR “Eco-CAT” website and submit the results to IDOT (as/if required) for processing in accordance with the EDP Funding procedures for state funded projects being coordinated through IDOT-Local Roads.

SPACECO will submit all previously prepared environmental and cultural information to the IDOT district 5 offices for their inclusion into their PESA study.

Task 4 – Pavement and Soils Investigation (if needed):

SPACECO will review the geotechnical investigation previously prepared by the site developer, original road construction and made available by IDOT. If needed, we will contract with a sub-consultant testing company to perform additional soil borings/pavement cores in accordance with IDOT requirements to determine the quality and permeability of the underlying soil. Since it is unknown if additional testing is required or to what extent at this time, a budget amount for drilling has been estimated for this proposal and included in the fee summary.

Task 5 – Intersection Design Study (Evans Road & Route 136 Only)

The results of the Traffic Impact Study completed by KLOA, Inc. will be utilized for the preparation of the IDS for the subject intersection.

Base maps at a scale of one inch = 50 feet will be prepared using the existing and proposed survey and CADD information to be provided by you. This proposal does not include the costs to conduct any additional surveying services that may be required.

The IDS will be developed using the traffic data and base maps referenced above and will include the following:

- Intersection capacity calculations.
- Existing and projected peak hour volumes.
- Existing and proposed geometrics.
- Typical striping.
- Right-of-way and other significant features.

Coordinate with IDOT and the Village of Rantoul for the purpose of obtaining approval of the IDS. The development of the traffic signal plans should not be started until the final IDS is approved by IDOT.

Task 6 – Traffic Signal Plans (If Needed, Evans Road & Route 136 Only):

Base Map Preparation: Base maps (at a scale of one inch = 20 feet) will be prepared for the traffic signal modification plans using the IDS as prepared in Section I and approved by IDOT.

Plans, Specifications and Estimate: Traffic signal modification plans will be prepared using the base map information from Task 1. The traffic signal modification plans will be developed based on IDOT standards current at the time said plans will be prepared. The plans will include the following:

- Preliminary, pre-final and final traffic signal plans.
- Temporary signal (if needed)
- Cable plan.
- Phase designation diagram.
- Loop detector detail and general notes.
- Interconnect plan (to the west, if required)

Technical specifications employing IDOT special provisions to the extent that they apply will be assembled.

An engineer's opinion of probable construction cost will be prepared based on the final plans.

Coordination with IDOT and the Village: Discussions with representatives from IDOT and the Village will be held to clarify specific design elements.

Task 7 – Preliminary Plans, Specifications and Estimates (50% submittal)

We will prepare roadway, drainage, and traffic signal modernization plans based on the Village of Rantoul and IDOT standards current at the time said plans are prepared.

The plans, specifications, Estimates of cost & schedule will be submitted for review to the Village and IDOT in the size and quantity required.

The following sheets will be required:

Route 136 & Evans Road Intersection Improvements:

Name	# of Sheets
Cover Sheet	1
General Notes/Summary & Schedule Quantities	2
Roadway Typical Sections	1
Alignment, Ties, & Benchmarks	1
Existing Conditions & Removal Plans	6
Roadway Geometric Plan and Profile	6
Temporary Traffic Signal Plans	3
Permanent Traffic Signal Plans	3
Utility & Drainage Plan and Profiles	6
Erosion Control Plan & Details	3
Construction Details	5
Cross-Sections	10
Specifications	-
Cost & Construction Duration Estimate/Quantities	-
Total Sheets	53

Access Drive (Gravity Court) & Utility Extension Improvements:

Name	# of Sheets
Cover Sheet	1
General Notes/Summary & Schedule Quantities	2
Roadway Typical Sections	1
Alignment, Ties, & Benchmarks	1
Existing Conditions & Removal Plans	10
Roadway Geometric Plan and Profile	6
Utility & Drainage Plan and Profiles	10
Erosion Control Plan & Details	3
Construction Details	5
Cross-Sections	10
Specifications	-
Cost & Construction Duration Estimate/Quantities	-
Total Sheets	49

Project specific special provisions will be prepared in accordance with IDOT and Village guidelines and requirements, including IDOT Check Sheets.

We will use IDOT standard pay items and City standard special provisions where applicable. Otherwise, project-specific special provisions will be written as needed. Plans, special provisions, and the estimate of cost will be submitted to the Village and IDOT for review.

We will also make any required submittals to IEPA to meet NPDES, Department of Public Water Supplies, and/or Division of Water Pollution control requirements. A set of pre-final plans will be submitted to utility companies for verification of facilities.

We have assumed that the findings of the Environmental Coordination required by IDOT in Task 3.0 will indicate that a Preliminary Site Investigation (PSI) will not be required and has therefore not included the preparation of a PSI in this scope of work. Should a PSI be required, we will add preparation of the investigation into our scope of work.

Task 8 – Pre-final Plans, Specifications and Estimates (90% Submittal): Upon meeting with the Village staff and IDOT to review their comments on the preliminary submittal, SPACECO will revise and finalize the contract documents and cost estimate. During this task the exact letting date will be determined and an estimated construction schedule will be provided.

Task 9 – Bidding Documents and Final Cost Estimate (100% Submittal): We will complete final revisions to the pre-final plans based on Village and IDOT final review comments. The requested number of copies of plans and specifications will be submitted to IDOT and the Village. A final estimate of cost and estimate of required working days will also be submitted. In addition to printed copies, we will provide the plans, specifications and estimate to the Village in electronic format. SPACECO will complete necessary applications and obtain all required permits.

Final plans shall be signed and sealed by a Registered Professional Engineer from the State of Illinois.

Task 10 – Pre-Bid Conference/Pre-Construction Meeting: SPACECO will attend a pre-bid conference with Village staff and potential bidders to review the scope of the project and answer questions. SPACECO will also attend a pre-construction meeting with Village staff, IDOT and the selected contractor. At this time, we are anticipating, the Route 136 & Evans Road Improvements will be separated from the Access Roadway Drive (Gravity Court) Improvements; therefore additional meeting will be required.

Task 11 – Miscellaneous Consultation: SPACECO, Inc. will provide consultation including attendance at group meetings or conference calls with municipal staff, governmental agencies and utility companies to properly advise the Village of the engineering concerns. This task will be billed at an hourly rate on a Time and Materials basis.

DESIGN SCHEDULE

We estimate the following timeline for the design services, which assumes a Notice to Proceed on the design of June 15, 2012.

Access Drive (Gravity Court)

<u>Task</u>	<u>Completion Date</u>
Kickoff Meeting	June 2012
PESA Submittals to IDOT	June 2012
Preliminary Plans, Specifications and Estimate Submittal	August 2012
Pre-Final Plans, Specification, and Estimate Submittal	September 2012
Bid Documents and Final Estimate	October 2012
Letting	November 2012

Route 136 & Evans Road Improvements

<u>Task</u>	<u>Completion Date</u>
Kickoff Meeting	June 2012
PESA Submittals to IDOT	June 2012
Right of Way & Topographic Survey	June 2012
IDS Preliminary Submittal to IDOT	August 2012
Preliminary Plans, Specifications and Estimate Submittal	November 2012
Pre-Final Plans, Specification, and Estimate Submittal	January 2012
Bid Documents and Final Estimate	February 2012
Letting	March 2012

SUPPLEMENTAL SERVICES

Normal and customary engineering and surveying services do not include service in respect to the following categories of work which are usually referred to as Supplemental Services. If the Client shall so advise SPACECO, Inc., we shall perform or obtain from others such services. SPACECO, Inc. will be paid on an hourly basis or based on subsequent proposal/contract agreements, at the option of Client. Additional Supplemental Services for the project include, but are not limited to the following:

- Services due to major changes in the general scope of the project.
- Revising studies, reports, and design documents which the Client, the municipality, and/or other governmental agencies have previously approved.
- Providing Engineering Design and Construction Services for:
 - Unusual or unanticipated improvements.
 - Additional off-site improvements requested by the Client or governmental agencies.
 - Improvements necessary to the project development beyond those being included under Basic Services herein.
 - Lift stations.
 - Site lighting.
 - Landscaping, berms or tree replacement.
 - Wetland permitting.
 - NPDES/Erosion Control Report.
 - Detention and hydraulic channel analysis.
 - Determining the 100-year Base Flood Elevation (BFE) and developing the required documentation in support of the floodplain fill activities.
 - Preparing wetland assessments, mitigation, permit applications and documents.
- Meetings with the Client, Contractor(s), the municipal staff, or others during the course of design or construction not included under Basic Services.
- Providing construction observation in support of the engineering plans. Visiting the site for preparing punchlists, reductions of Letter of Credit or for comparing the Contractor's invoices against the approved final design plans and the Engineer's quantity take-offs.
- Giving testimony as an expert witness for the Client in litigation or other court proceedings involving this project.
- Environmental assessments, geotechnical investigations.
- Preparation of any plats (ALTA Surveys, etc.) or documents not explicitly identified under Basic Services.
- Field construction staking.
- Record drawings.
- Photocopying and final printing. Reimbursable expenses including messenger, overnight delivery services, facsimile, photography, postage, mileage, tolls and mounting drawings.

FEES

	Estimate of Hours	Budget Estimate
Task 1.0 – Kick-Off Meeting & Data Collection	16	\$2,000
Task 2.0 – Supplemental ROW and Topographic Survey	116	\$20,000
Task 3.0 – Environmental Coordination	16	\$2,000
Task 4.0 – Pavement & Soils Investigation (If Needed)	Budget	\$10,000
Task 5.0 – Intersection Design Study	70	\$9,000
Task 6.0 – Traffic Signal Signal Plans (If Needed)	140	\$15,000
Task 7.0 – Preliminary Plans, Specs, Estimate (50%)		
<i>Route 136 & Evans Road Improvements</i>	450	\$53,000
<i>Access Roadway & Utility Improvements</i>	530	\$63,000
Task 8.0 – Pre-Final Plans Specs, Estimate (90%)		
<i>Route 136 & Evans Road Improvements</i>	400	\$49,000
<i>Access Roadway & Utility Improvements</i>	480	\$57,000
Task 9.0 – Bidding Documents and Final Cost Est.		
<i>Route 136 & Evans Road Improvements</i>	50	\$5,000
<i>Access Roadway & Utility Improvements</i>	60	\$6,000
Task 10.0 – Pre-Bid Conference/Pre-Construction Meetings	16	\$2,000
Task 11.0 – Miscellaneous Consultations	40	\$5,000
Reimbursable Expenses	Cost +10% Budget	\$12,000
Contract Total		\$310,000 N.T.E.

Phase III Construction Services Estimated Budget **\$219,000**
**(Phase III Services/Fees to be detailed in separate
Proposal Based on engineer designed in Phase I & II)**

Total CE & PE Engineering Budget \$529,000
Budget per IDOT Economic Development Program (EDP) Cost Estimate

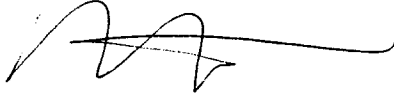
Our services will be on a time and materials basis with a budget not to exceed the specified amounts. Our services will be invoiced monthly and payments are due within thirty days after invoicing. **The contract length of this proposal shall not exceed three (3) years from date of execution.**

Work identified, as payable on an hourly basis will be billed to you at the rates specified on the enclosed Schedule of Charges for Professional Services. We will establish our contract in accordance with the enclosed General Terms and Conditions, which are expressly incorporated into and are an integral part of this contract for professional services. If you wish to discuss the terms, conditions and provisions of this agreement, I would be pleased to do so at your earliest convenience. We reserve the right to increase our fees by 5% on each annual anniversary of this Agreement. All reproductions and delivery services will be billed to the Client on a cost plus 10% basis.

If this proposal meets with your approval, please sign both copies and return one to us for our files.

Sincerely,

SPACECO, Inc.



Daniel C. Stevens, P.E.
Senior Project Manager

c: W. Loftus, M. Mondus, B. Lounsbury, R. Stawik - SPACECO, Inc.
File Copy

ACCEPTED FOR: _____

BY: _____

TITLE: _____

DATE: _____

