



CITY of NOVI CITY COUNCIL

www.cityofnovi.org

**Agenda Item G
August 13, 2007**

SUBJECT: Approval to award a contract for design and construction engineering services for the Crowe Drive/Ingersol Drive Reconstruction project to Spalding DeDecker Associates, Inc. for a not-to-exceed design fee of \$9,250 and a construction engineering fee equal to a fixed 9.5% of the estimated construction cost (estimated to be \$19,000) for a total of \$28,250.

SUBMITTING DEPARTMENT: Engineering *RA*

CITY MANAGER APPROVAL: *Clay*

EXPENDITURE REQUIRED	\$28,250
AMOUNT BUDGETED	\$247,000
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	204-204.00-865.263 (Municipal Street Fund)

BACKGROUND INFORMATION:

This project includes the reconstruction of Crowe Drive and Ingersol Drive north of Crowe (the remainder of Ingersol Drive south to Eleven Mile Road is a private road). Crowe and Ingersol Drives are concrete streets that will be reconstructed with asphalt pavement. (We have received concurrence with this approach from the owners of Town Center.)

The attached Request for Proposals for design and construction engineering services was sent to the six firms that City Council pre-qualified for roadway-related projects. Five proposals were received and each was evaluated using *Qualifications Based Selection*, with a greater emphasis on the each firm's proposed fee and schedule because of the relatively straightforward nature of the project scope. The following table summarizes the results of the proposal review process:

Firm	Not-to-Exceed Design Fee	Fixed % of Const	Estimate of Construction Cost	Construction Engineering Fee (% Multiplied by Construction Cost Estimate)	Total Estimated Fee	Proposal Rank
FTC&H	\$18,764	15.5%	\$200,000	\$31,000	\$48,764	5
OHM	\$24,700	12.0%	\$200,000	\$24,000	\$48,700	4
Stantec	\$18,861	10.0%	\$200,000	\$20,000	\$38,861	3
Spalding DeDecker	\$9,250	9.5%	\$200,000	\$19,000	\$28,250	1
URS	\$18,900	8.5%	\$200,000	\$17,000	\$35,900	2

Note: AEW did not submit a proposal for this project.

Of the five firms that submitted proposals, Spalding DeDecker had the lowest fee and met all requirements listed in the request for proposals (see attached SDA proposal dated July 16, 2007). In addition, SDA's schedule shows project completion this fall. Engineering Division staff's detailed scoring summary is also attached for reference.

SDA currently serves as the City's civil engineering field services consultant for private development sites. The design phase of this project will be completed by the end of September and the construction phase will be completed by November 2007.

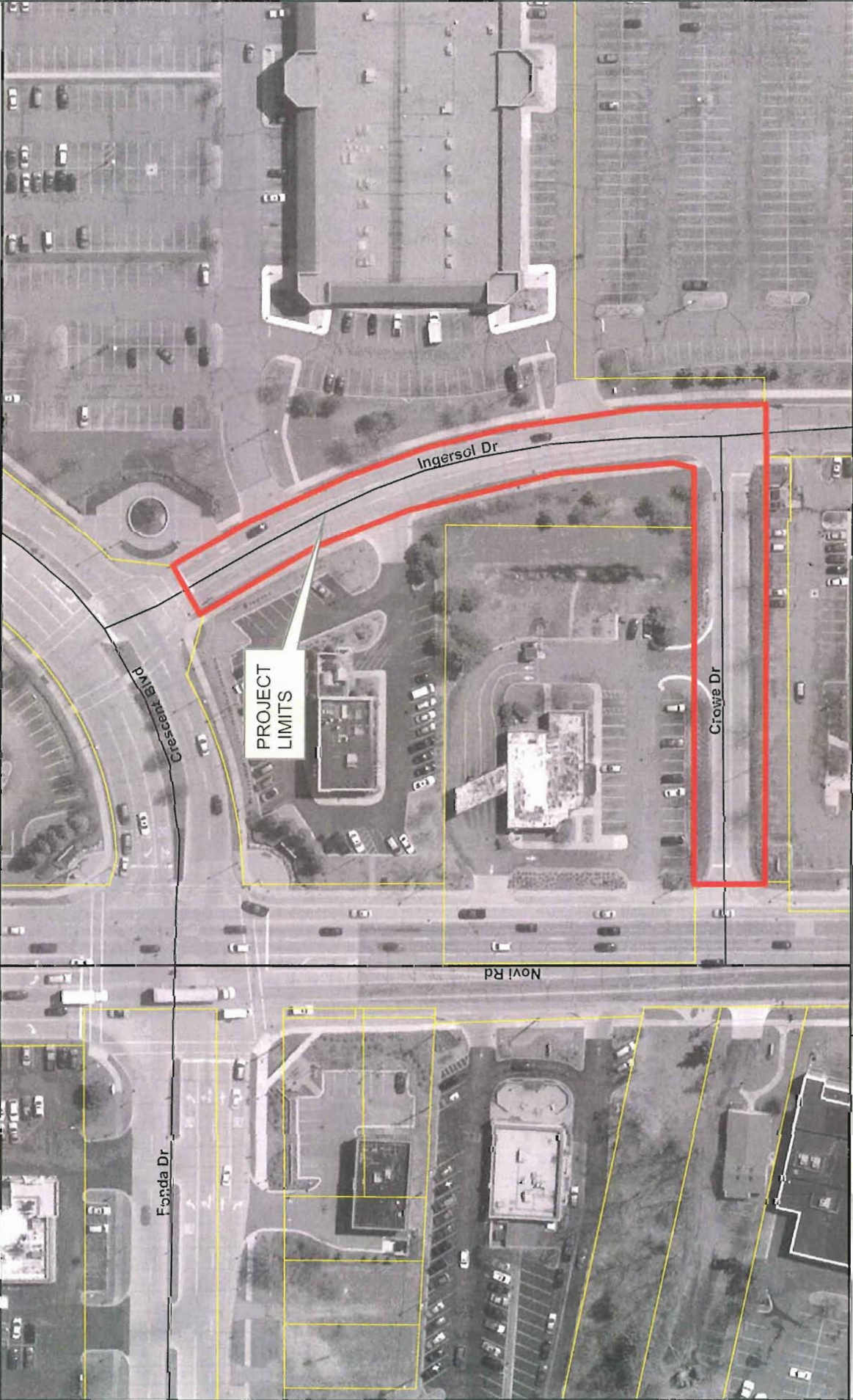
RECOMMENDED ACTION: Approval to award a contract for design and construction engineering services for the Crowe Drive/Ingersol Drive Reconstruction project to Spalding DeDecker Associates, Inc. for a not-to-exceed design fee of \$9,250 and a construction engineering fee equal to a fixed 9.5% of the estimated construction cost (estimated to be \$19,000) for a total of \$28,250.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Capello				
Council Member Gatt				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Nagy				
Council Member Paul				

Location Map Crowe Drive and Ingersol Drive

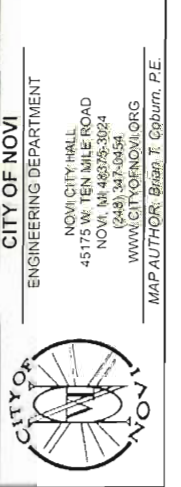
Map Publication Date: 6/29/07



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CITY OF NOVI
 ENGINEERING DEPARTMENT
 NOVI CITY HALL
 45175 W. TEN MILE ROAD
 NOVI, MI 48275-3024
 (248) 347-0454
 WWW.CITYOFNOVI.ORG
 MAP AUTHOR: Brian T. Coburn, P.E.



REQUEST FOR PROPOSALS CITY OF NOVI

ENGINEERING SERVICES FOR CROWE DRIVE AND INGERSOL DRIVE RECONSTRUCTION City Projects 072-263 July 3, 2007

This Request for Proposals (RFP) for Beck Road Improvements is being sent to the firms selected in the Roadway Qualification Process completed on March 19, 2007.

Project Description

The project includes the reconstruction of Crowe Drive and a portion of Ingersol Drive which are public streets within the Novi Town Center development located northeast of Grand River Avenue and Novi Road. The concrete streets were constructed in the late 1980s using a cross-section consisting of 7-inch non-reinforced concrete on compacted subgrade. The consultant will provide a new HMA cross-section to include an aggregate base and edge drain to prolong the life of the pavement. The construction cost estimate is \$247,000, including engineering. The schedule to be provided by the consultant should include fall 2007 construction of the project.

SCOPE OF SERVICES

The selected consultant shall conduct the following activities:

- 1.) Upon authorization by the City Council and the City Engineer, the Consultant shall:
 - Provide complete topographic survey of the project area. The topographical survey must include and identify all trees measuring 6-inch d.b.h. and larger within 25 feet of project area and the condition of such trees should be noted.
 - Evaluate the record drawings for the project including cross-sections and the existing soil data to determine appropriate HMA pavement cross-section for reconstruction.
 - Contact and coordinate with all utility companies with facilities within the project limits.
 - Coordinate permitting of the project with the Road Commission for Oakland County for Novi Road, which is under RCOC's jurisdiction.
 - Provide preliminary design and project cost estimate at 30% complete for review and comment.
 - Provide final plans and contract documents for the project at the time of 90% review. The front-end documents will be provided by the City of Novi, the specifications shall be prepared by the Consultant, and contract documents shall be prepared, printed, assembled, and distributed by the Consultant.
 - A revised construction cost estimate shall be provided at the time of 90% review by the City.
 - The City will provide information as needed in the form of record drawings of existing roadways and utilities (as available), standard details, specifications, benchmarks, etc., as required to assist the Consultant in completing the work. The available data is included in Appendix B.
 - The plans shall be designed in accordance with the City of Novi Design and Construction Standards, Chapter 11, Novi Code of Ordinances and RCOC requirements as applicable.
 - The Consultant shall be responsible for specifying protection of existing survey monumentation and coordinating with the County surveyor as required.
- 2.) The Consultant shall complete a soil erosion and sedimentation control plan for the project in compliance with Part 91 of P.A. 451 of 1994, Chapter 29 of the Novi Code of Ordinances and the City of Novi SESC Program Manual.

- 3.) As required, the Consultant shall attend Novi City Council meetings and public informational meetings, and prepare exhibits and other display material that may be needed to present the project(s). Assume one City Council meeting and one public information meeting for the purpose of this proposal.
- 4.) The Consultant shall submit five (5) sets of plans and cost estimates for review to the City Engineer at 30% complete. The Consultant shall submit five (5) sets of plans and two (2) sets of specifications at 90% complete for review and comment. The Consultant shall submit five (5) sets of as-bid drawings and specifications to the City at the time of construction bidding, as well as a CD of the digital file converted to AutoCAD format. The Consultant shall also provide all plan sets required for permit application submittal to any agencies as required. All bidding activities shall be coordinated through the Engineering Division and Purchasing Department.
- 5.) As a part of the Design Phase, the Consultant shall prepare bid documents and provide assistance to the City Engineering and Purchasing Departments with the bidding of the project, including coordinating and facilitating the pre-bid meeting, preparation of contract addenda, plan revisions, responding to bidder inquiries, review of bids, and recommendation of award to City Engineering.
- 6.) Contract administration services shall include, but not be limited to: reviewing shop drawings furnished by the contractor at the pre-construction meeting, coordinating and running the pre-construction meeting, ensuring compliance with contract documents, regular consultation with City Engineering, interpretation of plans and specifications, preparation and certification of pay estimates, staking, full-time construction inspection during active construction, and materials testing along with final testing and project review. The Consultant must also promptly attend to resident concerns and complaints as they become known.
- 7.) Construction phase services shall also include submittal to City Engineering of all project reports and documents, and written recommendation regarding final acceptance of the project. The Consultant, within this phase, shall also prepare record drawings and transmit one (1) digital copy of as-built plan in .tif format (400 dpi minimum), two (2) plan copies, and a CD containing the digital file of the record drawings in the City standard format (AutoCAD), and provide such information to the Engineering Division within three (3) months following substantial completion of the project.
- 8.) During the construction phase the Consultant shall be responsible for administering and enforcing the soil erosion and sedimentation control plan as an agent for the City under the Authorized Public Agency (APA) program in compliance with the City of Novi *Authorized Public Agency Soil Erosion and Sedimentation Control Program Manual*. The Consultant shall also be responsible for soil erosion and sedimentation control inspections of the project for compliance with the approved soil erosion and sedimentation control plan. The inspections must be completed by an individual who has current certification through the Michigan Department of Environmental Quality under Part 91. The inspections must occur at regular intervals and soil erosion and sedimentation control inspection logs must be maintained and provided to City staff as required. The Consultant shall also be responsible for instituting corrective measures in the field to prevent soil erosion and sedimentation as required, and for overseeing the Contractor's Storm Water Operator.

DOCUMENT AND FILE FORMAT

All documents shall be submitted to the City of Novi in an electronic format as specified by the Engineering Division.

Documents: MS Word

Digital copies of files, maps, or drawings:
 files: ArcView Shape file, AutoCAD,
 maps/drawings: ArcView layouts print file or
 AutoCAD format (.dxf)

All digital data should correspond to:
 Project – State Plane Coordinate System
 Michigan, South Zone – 6401
 Datum – NAD83, NAVD 88
 Spheroid – GRS1980
 Units – International Feet

CONSULTANT QUALIFICATIONS

The Consultant has been pre-qualified to provide engineering consulting services for 2007-2008 Roadway Projects.

CONSULTANT SELECTION

As a pre-qualified consultant, the selection for this roadway project will be based on an evaluation of the fee proposal, which is labeled as Exhibit A, in addition to the Consultant's project understanding, approach, schedule, staffing plan, past performance on City engineering projects, and value-added concepts that would improve the overall project (i.e., cost savings, time savings, innovation, etc.).

By submitting a proposal, the Consultant agrees that neither the firm, sub-contractors, nor suppliers will discriminate against any person with respect to hiring or employment on the basis of religion, race, color, national origin, age, sex, height, weight, marital status, or a handicap that is unrelated to the individual's ability to perform tasks particular to a job or position.

The selected consultant will enter into an agreement with the City of Novi to perform the services listed in this Request for Proposals. The City's standard Consulting Engineering Agreement is included as Exhibit C.

PROPOSAL SUBMITTALS

To be considered, sealed fee proposals (an UNBOUND original and five copies) must arrive at the Purchasing Department, 45175 W. Ten Mile Road, Novi, Michigan 48375 on or before **10:00 AM**, Local Prevailing Time, **Monday, July 16, 2007** addressed to Carol J. Kalinovik, Purchasing Official, and clearly labeled **CROWE DRIVE AND INGERSOL DRIVE RECONSTRUCTION**. There will be no exceptions to this requirement and the City of Novi shall not be held responsible for late, lost, or misdirected proposals. Submitted proposals shall include:

- A BRIEF description of the approach that the consultant will take in completing the project.
- The completed fee proposal (Exhibit A)
- A proposed schedule for the project including design and construction phase
- A rate sheet or fee schedule depicting the Consultant's hourly rates that could be applied to additional work as may be necessary, for each category of staff that would work on the project.

Because of the nature of this project, an emphasis will be placed on the proposed schedule and fee.

All proposals must remain valid for one hundred twenty (120) days from due date and cannot be withdrawn during this period.

Questions regarding this Request for Proposals may be directed to:

City Engineer, Robert F. Hayes, P.E. (248) 735-5606

-01-

Civil Engineer, Brian T. Coburn, P.E. (248) 735-5632

The City of Novi reserves the right to accept any or all alternative proposals and to award the project to other than the firm with the lowest fee proposal, waive any irregularities or informalities, or both, to reject any or all proposals, and in general, to make award in any manner deemed by the City, in its sole discretion, to be in the best interests of the City of Novi.

Exhibits

- A - Fee Proposal
- B- Background Information
- C - Engineering Consultant Agreement

**EXHIBIT A
FEE PROPOSAL
CITY OF NOVI**

**ENGINEERING SERVICES FOR
CROWE DRIVE AND INGERSOL DRIVE RECONSTRUCTION**

We the undersigned propose to furnish to the City of Novi services consistent with the Request for Qualifications dated January 11, 2007 and Request for Proposals dated July 3, 2007, respectively. Design fees will be paid on an hourly basis for actual work performed to a maximum as proposed. A separate fee schedule is being provided should the City request additional work on an hourly basis.

Project	Phase	Total Fee
Crowe Drive and Ingersol Drive Reconstruction	Design Phase (no soil borings required)	\$
	Construction Cost Estimate: \$ _____	
	Construction Phase: _____% of Construction Cost	\$
	TOTAL ESTIMATED FEE*	\$

*Total Estimated Fee consists of a not-to-exceed design phase fee (which includes geotechnical costs if applicable) and a fixed percentage construction phase fee which is used to estimate an approximate fee amount based on the cost estimate above. The actual construction phase fee will be established when the project is awarded to a contractor by multiplying the fixed percentage provided and the bid price of the successful bidder.

PLEASE TYPE:

Company Name: _____

Address: _____

Agent's Name: _____

Agent's Title: _____

Agent's Signature: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____ Date: _____



July 16, 2007

Ms. Carol J. Kalinovik, Purchasing Director
City of Novi
45175 W. Ten Mile Road
Novi, Michigan 48375

Re: Request for Proposal
Engineering Services for Crowe Drive and Ingersol Drive Reconstruction
SDA Proposal: PR07-220

Dear Ms. Kalinovik:

Spalding DeDecker Associates, Inc. (SDA) is pleased to provide the following proposal for Engineering Services for Crowe Drive and Ingersol Drive Reconstruction. SDA has an excellent reputation for providing municipalities with civil engineering services. We have developed a strong team with expertise in dealing with local issues and experience in local, regional, and federal requirements. We take pride in our service to the City of Novi over the past 1/1/2 years providing both design and construction engineering services. We understand the City of Novi's challenges with regard to maintaining its infrastructure in peak operating performance and are committed to providing quality, on-time engineering services.

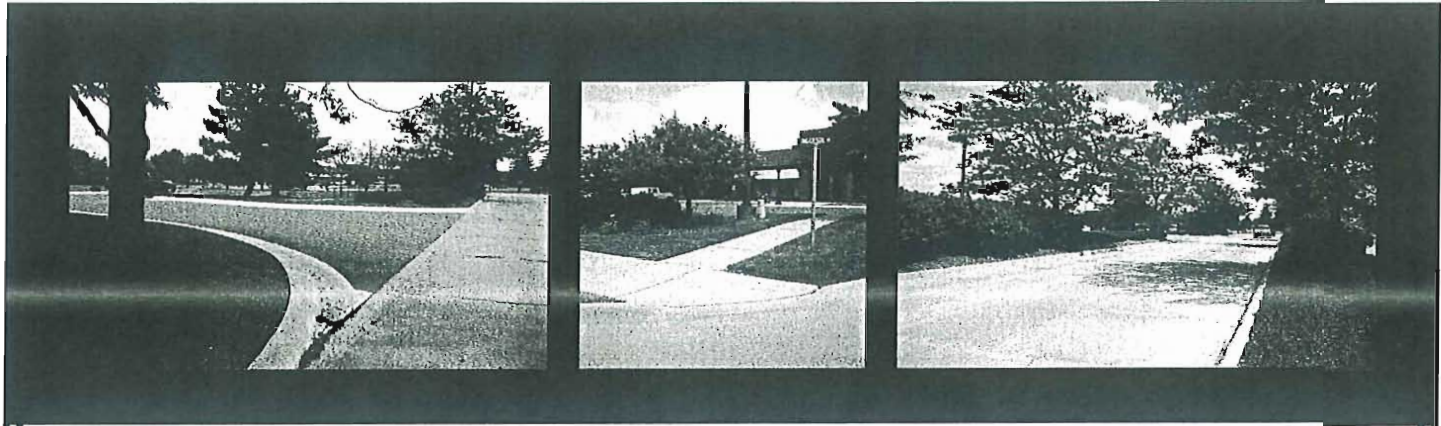
Attached please find five (5) bound and one unbound original proposals for our services. We trust that you will find our proposal to be thorough with regard to your needs in completing the Crowe Drive and Ingersol Drive Reconstruction project. We look forward to the opportunity to further address your selection committee in an open discussion of our qualifications.

Very Truly Yours,

SPALDING DEDECKER ASSOCIATES, INC.

David W. Bluhm, PE
Project Manager

cc: SDA Job File
SDA Chrono



Proposal for Engineering Services for Crowe Drive and Ingersol Drive Reconstruction

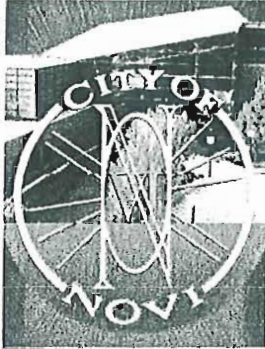


***Submitted to:
City of Novi***

Spalding DeDecker Associates, Inc
905 South Boulevard East
Rochester Hills, MI 48307
Phone: (248) 844-5400
Fax: (248) 844-5404
www.spaldingdedecker.com



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Engineering Services for Crowe Drive & Ingersol Drive Reconstruction SDA PR07-220

July 16, 2007

SECTION

- 1 Understanding and Scope
- 2 Schedule
- 3 Fee and Hourly Rate Schedule

**PROJECT UNDERSTANDING**

Crowe Drive and Ingersol Drive Reconstruction – The existing concrete roads and curbing along Crowe and Ingersol are to be removed and replaced with an HMA cross section including new concrete curbing, aggregate base and edge drain, without changing the vertical or horizontal alignments. This project is to be constructed in the Fall of 2007 and our schedule has been established pursuant to this request.

The preservation or replacement of all existing landscaping and brick pavers or other that may be within the influence of construction will be addressed during the design process. The three drive approaches that are part of the original pavement will be replaced with the full HMA cross section. Continuous access to existing businesses within Town Center during construction will be maintained, while preventing any traffic to back up onto Novi Road. This will include the Boston Market site whose only access point is off Ingersol Drive.

We understand and acknowledge that this proposal shall remain valid for 120 days from the date of submittal.

We have received Addendum #1 dated July 12, 2007, which clarifies that "The proposal due date and time is clarified to read: On or before 2:00 P.M., Monday, July 16, 2007."

VALUE-ADDED CONCEPTS

Since the horizontal and vertical alignment of Crowe Drive and Ingersol Drive are not changing, we are able to complete this design with minimal survey work, thereby reducing the engineering costs. SDA will match existing road grades, while maintaining proper cross sectional pavement drainage.

Since the pavement design is constrained by the adjacent driveways and other features, the new curb elevation and locations will match the existing location. This will allow us to minimize the detailed mapping, and defer much of the detailed surveying until the construction phase of the project. We believe that this innovative approach will be the most cost effective alternative.

During the design phase, the SDA Survey Team will create a base map utilizing available record documents and aerial maps. This base map will be created with minimal field work. Utility locations will be shown based upon a combination of record information and actual field measurements. Because the depth of the existing pipes is critical to the design of the new sub-base, we will obtain accurate rim and pipe invert elevations for the pipes and structures located under the road. We will also establish an accurate site benchmark in the area to be used during the construction phase of the project.

Project Approach and Scope of Services



More detailed information will be obtained during the construction phase of this project, as described in the Construction Engineering: Construction Survey portion of this proposal.

PROJECT APPROACH

DESIGN ENGINEERING

Kickoff Meeting - SDA will meet with the City representatives prior to finalizing the contract to discuss, verify and document the final scope of services. This process will need to be as expedited as possible due to the tight timelines for this project. Upon contract execution, SDA will hold a project kick-off meeting with the City to discuss specific details of the project, especially as they relate to project timing and communication. Meeting minutes will be forwarded to the City's Project Manager and all Team members.

Topographic Survey – As described in the value-added section of this proposal, the SDA survey team will provide minimal topographic information, with the majority of the work being performed during the construction phase.

Preliminary Design – The SDA design team will visit the site, and coordinate with the City and the Road Commission of Oakland County (RCOC) prior to completing the preliminary design. Once prepared, we will provide the City with 5 sets of plans and updated cost estimates for review and comment.

Permitting – Upon the City's review of the Preliminary Plans, SDA will prepare the permit application for the (RCOC) in the City of Novi's name and provide all supporting documentation and plans necessary for permit application. The permit application package will be forwarded to the City for review and submittal. Plans will also be submitted for a City of Novi SESC permit. The SDA Design Team will provide permit follow-up and will field any questions or requests from permitting agencies, as directed by the City, necessary to secure permit approvals.

Final Design – Any comments received from the City's or other agency's reviews will be incorporated into the Detailed Final Plans. Detailed Plan development will also include establishing project pay items, finalizing project estimates, and preparing the bid documents. SDA will perform an internal QA/QC and constructability review of the plans, special provisions, bidding documents and engineer's estimate.

Five (5) sets of the Detailed Final Plans and two set of the specifications will be submitted to the City for review. Upon completion of City of Novi review, Final Specifications and Bid Documents will be prepared. Five sets of the Final Bid Documents will be submitted to the City at the time of bid advertisement, along with updated final cost estimates for each project. All bid documents will also be submitted in electronic format, as specified by the City.

Project Approach and Scope of Services



Bidding – SDA will coordinate with the City's Engineering Division and Purchasing Department for the advertisement and bidding of the Project. SDA will facilitate a pre-bid meeting and will document and respond to any contractor inquiries that may arise during the bid process. SDA will review bids, providing a recommendation of award to the City, and provide Bid Administration as necessary.

CONSTRUCTION ENGINEERING

Contract Administration – Christopher J. Robbins, PE will be the contract administrator for the project. Chris will conduct an internal kick-off meeting with the design group ensuring a smooth transition from design bid phase and award phase of the project.

In the comprehensive pre-construction meeting, all pertinent items will be addressed in a discussion led by Chris Robbins. Possession of required permits will be verified; emergency contact information will be exchanged; construction schedules will be submitted and reviewed; communication protocols will be established; pay estimate protocol will be explained; and project close-out and successful completion criteria will be established.

Construction Observation – SDA's Construction Engineering group will provide an experienced construction technician to inspect the day-to-day construction activities for this project. Don Pashby knows Novi extremely well, having led SDA's construction observation team over the past year and a half. Don will be documenting the project using Field Manager software; he will make as-built sketches where necessary, and capture project progress with digital photographs. A web-based portal project site will be set-up for this project specifically and all construction daily reports along with project photographs and engineer pay certificates will be posted.

Materials Testing – During the course of construction, Chris Robbins will coordinate the materials testing for the project. Chris will work directly with Testing Engineers & Consultants (TEC) to arrange for all necessary QA/QC materials testing. In the field, Don Pashby will work closely with the TEC field technician to monitor aggregate density, asphalt density and set up rolling patterns with the pavement contractor to maximize compaction and enhanced ride-ability. All corresponding testing reports generated by TEC will be reviewed by Chris Robbins and kept as part of the project file.

Construction Survey – Aside from the work detailed in the Value Added portion of this proposal, prior to removal of the pavement, we will measure from the existing curb and set stakes at a five foot offset to the curb. This will preserve the location of the existing curb. At each stake location, we will measure the elevation of the existing curb and utilize that as the proposed grade. We will determine the appropriate cut or fill from the offset hub and mark those grades on the stakes. We will also furnish cut-sheets for the roadway.



Record Drawings – Upon project conclusion, SDA shall submit to City Engineering all project reports, documents and a written recommendation regarding final acceptance of the project. In addition, SDA shall prepare record drawings in the City standard format, and provide such information to the Engineering Division within three (3) months following substantial completion of the project.

Soil Erosion & Sedimentation Control - During the construction phase, SDA shall be responsible for administering and enforcing the soil erosion and sedimentation control plan. The inspections will be completed by Paul Tulikangas, who has a current certification through the Michigan Department of Environmental Quality under Part 91.

PROJECT SCHEDULE

In order to complete this project in the fall of 2007, an aggressive schedule has been developed. Please see attached schedule in **Section 2**.

PROJECT STAFFING PLAN

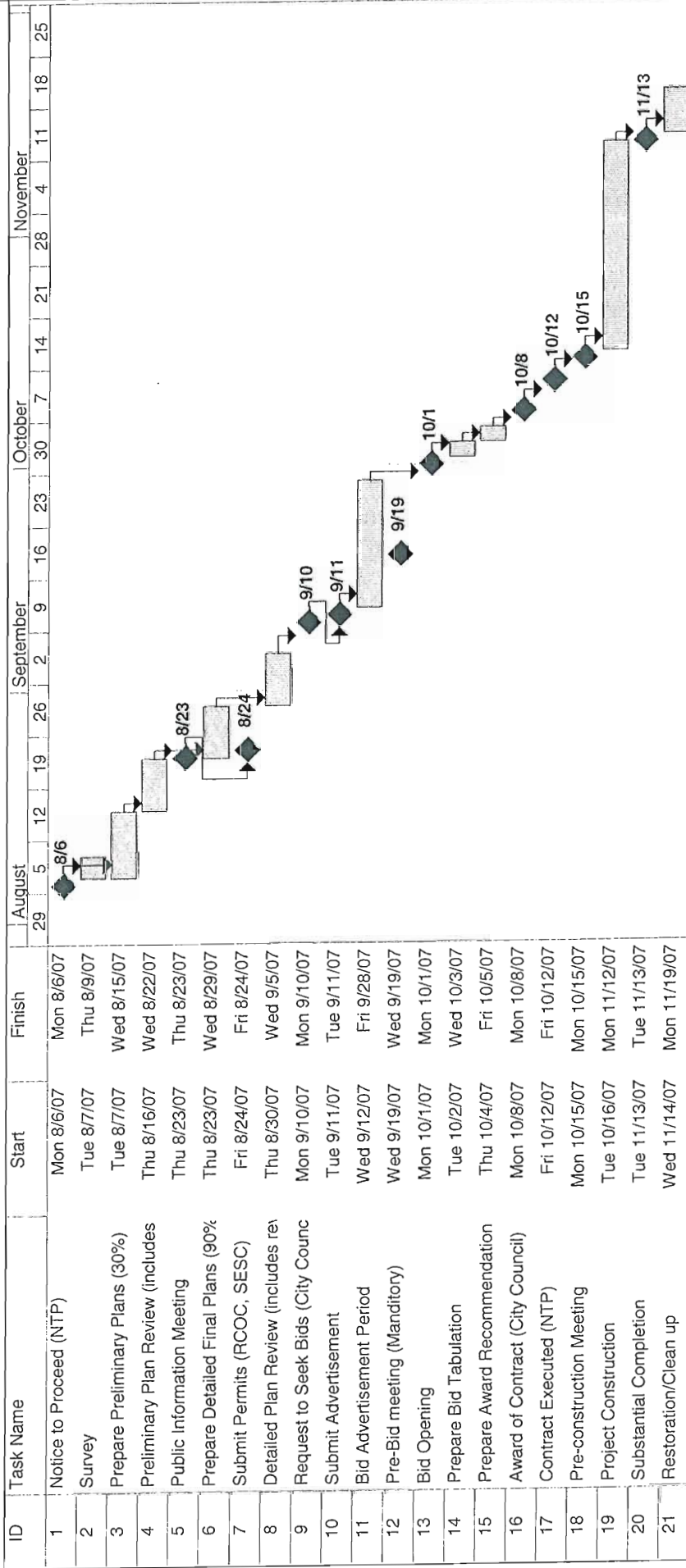
As the lead project consultant, David W. Bluhm, PE will provide overall project management. A list of SDA staff was provided with our design Roadway Qualification Process bid and there will be no changes in personnel from that. SDA routinely manages the preparation of bidding documents and management of the bidding process for its municipal clients, including the City of Novi. Our design staff routinely works with the Road Commission for Oakland County (RCOC) and other agencies of jurisdiction and is familiar with the City of Novi's ordinance requirements.

Materials testing will be performed by Testing Engineers & Consultants (TEC). TEC currently provides materials testing services through SDA for our private development inspections in the City of Novi and is familiar with our staff and City of Novi requirements for these services. Mr. Raymond Chyla will lead TEC's efforts for the Crowe Drive and Ingersol Drive Reconstruction.

Our Construction Engineering department has worked under contract for the City of Novi for 1-1/2 years now, knows your administrative staff and understands the City of Novi's administrative policies and procedures. SDA's Construction Engineering Team, led by Christopher J. Robbins, PE, in conjunction with Don Pashby, Paul Tulikangas, and Mike DeDecker, PS have worked together on multiple projects within the City of Novi and many other southeastern Michigan locations. We will work very hard to deliver a project that both the City of Novi and SDA can be proud of. SDA is committed to working with the City of Novi for the foreseeable future and has a stake in the City's success and prosperity going forward.

Crowe Drive & Ingersol Drive Reconstruction

City of Novi
Oakland County, MI



Proposed Letting Date:
October 1, 2007

**EXHIBIT A
FEE PROPOSAL
CITY OF NOVI**

**ENGINEERING SERVICES FOR
CROWE DRIVE AND INGERSOL DRIVE RECONSTRUCTION**

We the undersigned propose to furnish to the City of Novi services consistent with the Request for Qualifications dated January 11, 2007 and Request for Proposals dated July 3, 2007, respectively. Design fees will be paid on an hourly basis for actual work performed to a maximum as proposed. A separate fee schedule is being provided should the City request additional work on an hourly basis.

Project	Phase	Total Fee
Crowe Drive and Ingersol Drive Reconstruction	Design Phase (no soil borings required)	\$ 9,250.00
	Construction Cost Estimate: \$ 215,000.00	
	Construction Phase: 9.5 % of Construction Cost	\$ 20,425.00
	TOTAL ESTIMATED FEE*	\$ 29,675.00

*Total Estimated Fee consists of a not-to-exceed design phase fee (which includes geotechnical costs if applicable) and a fixed percentage construction phase fee which is used to estimate an approximate fee amount based on the cost estimate above. The actual construction phase fee will be established when the project is awarded to a contractor by multiplying the fixed percentage provided and the bid price of the successful bidder.

PLEASE TYPE:

Company Name: SPALDING DEDECKER ASSOCIATES, INC.

Address: 905 SOUTH BOULEVARD EAST, ROCHESTER HILLS, MI 48307

Agent's Name: DAVID BLUHM

Agent's Title: PROJECT MANAGER

Agent's Signature: 

Telephone Number: 248-844-5400 Fax Number: 248-844-5404

E-mail Address: DBLUHM@SPALDINGDEDECKER.COM Date: JULY 13, 2007



Spalding DeDecker Associates, Inc.
City of Novi, Michigan
"Hourly Rate Schedule"



PROFESSIONAL SERVICES

The engineering and surveying services of SDA will be performed under the overall supervision of Principals and Department Managers of our firm. Fees will be based upon the time worked on the project by engineering, surveying, technical, construction technicians and clerical personnel assigned to the project.

<u>Classification</u>	<u>Hourly Rate</u>
Department Manager	\$140.00
Project Manager	\$123.00
Senior Project Engineer/Senior Project Surveyor +	\$121.00
Project Engineer/Project Surveyor/Resident Project Representative +	\$103.00
Project Accountant +	\$103.00
Operation & Maintenance Specialist+	\$ 99.00
Engineer +	\$ 94.00
Surveyor+	\$ 94.00
Designer/Mapping Specialist +	\$ 87.00
Drafter/Technician/Surveyor Assistant/Engineering Assistant +	\$ 73.00
Two-person Survey Crew (Crew Chief & Instrumentman w/truck and equipment) or Sewer Crew +	\$159.00
Additional Survey/Construction Tech Assistants (if necessary) +	\$ 54.00
Construction Technician I +	\$ 68.00
Construction Technician II +	\$ 75.00
Senior Construction Technician +	\$ 91.00

+ Overtime services will be charged at a rate equal to 1.3 times the indicated rate. "Overtime" is time worked in excess of 8 hours per day.

REIMBURSABLE EXPENSES: The following items are reimbursable to the extent of 110% of actual expenses (including subcontracting expense) accrued for the project.

1. Printing and Reproduction
2. Subcontracted Services.
3. Shipping and Handling Charges

SCORING SUMMARY

Project Description: Crowe and Ingersol Reconstruction

RANK 1= LOW, x= BEST (x = number of firms reponding)

TOTAL SCORES	<i>Item weight:</i>	9	6	3	3	3	Totals	Rank
		1	2	3	4	5		
Anderson Eckstein & Westrick							0	6
Fishbeck Thompson Carr & Huber		6	18	10	14	9	261	4
Orchard Hiltz & McCliment		9	7	12	9	23	255	5
Stantec		15	17	23	19	17	414	2
Spalding DeDecker		25	21	14	13	10	462	1
URS Corporation		20	12	16	20	16	408	3
TOTALS		75	75	75	75	75		

SCORING CRITERIA

1. Engineering Fee
2. Evaluation Schedule
3. Evaluation of Approach, Statement of Understanding of Project, and proposed staff
4. Analysis of subjective statements applicable to the project as required on the RFP (Value added items)
5. Evaluation of past performance on City projects