

INDIVIDUAL PROJECT SERVICES AGREEMENT 011

Between
Orchard, Hiltz & McCliment, Inc.
and
City of Rochester Hills

Dated _____

For
PROFESSIONAL SERVICES

Project: S.A.D. Paving of Norton Lawn and Hickory Lawn north of Auburn Road.

This is an Individual Project Services Agreement to the Professional Engineering Services Agreement dated May 25, 2011 between the City of Rochester Hills (CITY) and Orchard, Hiltz & McCliment, Inc. (CONSULTANT).

ATTACHMENT A - SCOPE OF SERVICES

CONSULTANT will perform the design services described below:

Prepare contract documents for the paving of two local streets. The following streets are included:

Norton Lawn from Auburn Road to south of Wabash Rd 2,150'

Hickory Lawn from Auburn Road to south of Wabash Rd 2,150'
4,300'

General Project Requirements:

- Furnish plans and specifications as required to meet the intent of the Project Parameters (included in this scope). The plans will show the horizontal and profile view on the same sheet and will be at a scale of 1" = 40' horizontal and 1" = 4' vertical.
- Provide complete topographic survey.
- Prepare preliminary and final detailed engineer's estimate of cost.
- Meet with CITY'S staff and the ombudsman delegate/residents at the project site for a plans-in-hand "walk-through" of the site. Attend a public informational meeting with members of the CITY'S staff.
- Grading on private property shall be avoided where possible. Where required, the limits shall be defined and grading permit documents prepared. Twenty (20) grading permits are assumed in this priced proposal
- Prepare the contract documents and furnish one full size .pdf file and individual .pdf files for each street to the CITY for their use. The contract documents will utilize the 2012 Michigan Department of Transportation Standard Specifications for Construction, including applicable Supplemental Specifications and Special Provisions.
- Furnish the CITY with all design notes and survey information as requested. Provide copies of all quantity calculations.

- The existing right-of-way and property line information will be merged into the plans from data supplied from the CITY'S Geographic Information System.
- Prepare application forms and assemble all supporting information for the Michigan Department of Transportation for approach work within the Auburn Road right-of-way and Oakland County Water Resources Commission permits required for impacts to the Wolf Drain and for soil erosion control. Coordinate with these agencies as required.

Project Design Parameters:

- Design Speed shall be 30 mph.
- The pavement is to be twenty-two (22) feet wide plus shoulders and swales. The road shall follow the existing alignment and not necessarily be centered in the ROW. Other measures will be utilized as necessary to minimize impact to the environment and to the residential neighborhood.
- The desired pavement section shall be 4 inches of HMA over 8 inches of aggregate base. The existing profile will maintain as much as possible with only curbed sections designed to meeting 0.5% minimum longitudinal grade.
- The project is to be designed to minimize future maintenance and address public safety; e.g. sight distance, minimize ditch depth, headwalls, fixed obstacles, etc.
- Depth of roadside swales is limited to about 24" below the proposed edge of pavement. Transitional slopes from the swales will be provided to blend to the existing property and will be in a condition readily maintainable by the property owner. Maximum slopes of 1V:3H shall be utilized.
- Curb and gutter and/or ditch enclosures are to be used at select locations dependent on existing topography and site conditions. Where curb is required B2 Modified (2' wide) shall be used.
- Review the project for adequate road drainage including drainage from side yard and front yard areas abutting the roadway.
- Driveway replacement shall be designed to match in kind up to the ROW line. Gravel driveways will be paved in HMA.
- New driveway culverts will be installed where open ditching exists.
- Existing mailboxes shall be removed and reinstalled on new wood posts.
- Front yard areas, including new swales, will be restored with topsoil and seed.
- Minimize tree removal as part of design.
- Speed bumps are desired on both streets. Location and number shall be coordinated with the CITY.
- Sanitary, storm and water main utilities are known to exist and any structures will need to be vertical modified.

CITY'S Responsibilities:

- Provide geotechnical analysis.
- Develop final bid book with special provisions supplied by CONSULTANT.
- Determine the location of any speed bumps desired on both streets.

- Coordinate with police and fire
- Provide as-built plans for CITY'S utilities and GIS information.
- Set up public meetings and public walk through, if required.
- Provide payment for any permit review fees.
- Obtain grading permits from private property owners.

ATTACHMENT B - PERIOD OF SERVICE

Services shall be provided in a timely manner and completed for a mid-January or February 2016 City bid letting.

ATTACHMENT C - COMPENSATION AND PAYMENT

CONSULTANT shall be compensated for services described above on an hourly not to exceed cost of \$67,300.00.

This document shall not be amended, altered or changed, except by written authorization executed by both parties.

CITY OF ROCHESTER HILLS

BY: _____
Bryan K. Barnett, Mayor

In the presence of

ORCHARD, HILTZ & MCCLIMENT, INC.

BY: 
Daniel G. Fredendall, PE
Vice President



In the presence of