

# Olivehurst Public Utility District



## Agenda Item Staff Report

Meeting Date: 01/16/2019

### Item description/summary:

**Consider approving the hire of a Surveyor to provide a survey/Geotechnical report for the Plumas Lake Community Park parcel.**

We are currently in the RFP process for design of the Plumas Lake Community Park. It was recommended by our parks consultant that OPUD acquire a survey/geotechnical report of the parcel to give to the chosen design team so that they may begin the design process immediately upon contract award.

### Fiscal Analysis:

See quote attached.

### Employee Feedback

Positive

### Sample Motion:

Approve the hire of a Surveyor to provide a survey/Geotechnical report for the Plumas Lake Community Park Parcel.

Prepared by:

Christopher Oliver, Public Works Engineer



January 10, 2020

Mr. John C. Tillotson, P.E.  
General Manager  
Olivehurst Public Utility District  
1970 9<sup>th</sup> Avenue  
Olivehurst, CA 95961

Re: OPUD Community Park - Topographic Survey

Dear Mr. Tillotson,

MHM is pleased to provide you with the following proposal of surveying services to conduct a topographic survey for Yuba County Assessor's parcel 016-350-022 as part of the Olivehurst Public Utility District Community Park Project lying between River Oaks Boulevard and Blackbird Way right of way.

As we understand the proposal, the Olivehurst Public Utility District (OPUD) has requested surveying services to conduct a topographic survey as part of the OPUD Community Park Project. The 25.7+/- acre area to be surveyed lies east of Blackbird Way right of way and west of River Oaks Boulevard. The work will require control and boundary research, control surveys, topographic data collection, post processing of collected point data, quality control and assurance review, preparation of electronic base mapping in AutoCAD Civil 3D format and electronic transfer of data.

I have outlined below the task that we understand to be in our scope of work as well as tasks that would not be performed by MHM.

#### **INFORMATION TO BE FURNISHED TO MHM**

1. A signed contract, purchase order or work order authorization.
2. Specific information or instructions to be incorporated in the survey work.
3. Special dates, milestones or schedule deadlines.

#### **TASK 1 TOPOGRAPHIC SURVEY BASE MAPPING FEE: \$ 7,850.00**

MHM will provide services to conduct field surveys for horizontal and vertical control with detailed topography collected at fifty-foot intervals over a 25.7 +/- acre parcel of land as defined by Yuba County Assessor's parcel number 016-350-022. MHM will incorporate the location all USA markings in the survey if the County requests USA marking prior to survey operations. The base mapping shall include all grade breaks identifying high and low areas with surface features such as existing fences, record property corners, if encountered, trees over 4 inches in diameter, utility markings, and other visible surface features as examples. The work will include topographic data collection for both road connections at River Oaks Boulevard to include entire width of existing pavement data, curb and gutter improvements, walks, road shoulders, edge of paving and depths to inverts at manholes, cleanouts and drainage facilities that are accessible if encountered within the project area. Temporary benchmarks will be established during the course of the survey that can be preserved for future surveys and construction operations. Boundary surveys will recover sufficient

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monuments of record survey maps to include record property line survey bearings and distance information with easement and rights of way of record immediately adjacent to the property to be delineated on the topographic survey exhibit.

The compiled base mapping shall be based on the NAD83 (2011 epoch) horizontal datum, California State Plane Coordinate System, Zone 2 in U.S. Survey Feet and the NAVD88 vertical datum, unless otherwise specified. The mapping scale shall be prepared for use at a scale of 1" = 20' with a ground contour interval of 1 foot and spot elevations shown to support the generated contours as specified by OPUD.

The final product deliverables shall be provided electronically in digital AutoCAD Civil 3D, 2014 release format. The mapping shall follow the County of Yuba standards and shall include legend, bar scale, horizontal datum statement, vertical datum statement and benchmark information in the title block.

#### **INFORMATION OR TASKS NOT PROVIDED BY MHM**

- ALTA survey or Record of Survey
- Setting property corners or construction staking

#### **FEEES**

The fees shown for the work described as "tasks to be performed by MHM" would be billed on a time and materials basis at our standard hourly rates. Statements will be coordinated with the County of Yuba regularly monthly billing cycle.

#### **ADDITIONAL SERVICES**

If additional services are required outside of the scope of work described, it would only be performed with written authorization as to scope and cost.

We appreciate the opportunity of providing this proposal to you and can schedule the work immediately upon authorization. Please feel free to contact me if you have questions and thank you for the opportunity.

Sincerely,



Roger K. Hanlin, P.L.S.  
Director of Surveying

