



Request for Proposals for Engineering and Geologic Consultation for VESCO Program

SONOMA COUNTY DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

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Department (AWM) Needs for Peer Review Engineering and Geologic Services

- ▶ In 2012, AWM took over engineered agriculture grading and drainage peer review from PRMD for VESCO projects (Engineered Grading Sec.36.06.010, Engineered Drainage Sec.36.08.010)
- ▶ In 2012, also introduced tree removal project requirements (Sec.36.16.060)
 - ▶ Universal Soil Loss Equation (USLE) and Revised Universal Soil Loss Equation (RUSLE2) (VESCO Agricultural Erosion and Sediment Control BMP Manual, Chapter 4)
 - ▶ Geologic reports (VESCO Agricultural Erosion and Sediment Control BMP Manual, Appendix 1 and 2)



Department (AWM) Needs for Peer Review Engineering and Geologic Services

- ▶ VESCO requirements for areas of instability (Sec.36.16.070)
 - ▶ Professionally mapped areas with setbacks applied
 - ▶ Geologic report if developers want to plant within required setbacks (VESCO Agricultural Erosion and Sediment Control BMP Manual, Appendix 1 and 2)
- ▶ Engineered projects and Geologic reports require peer review per Chapter 36 of Sonoma County Code (Sec.36.10.060)



AWM VESCO Consultant History

- ▶ In 2012, AWM sent out first RFP for Engineering Consultant
- ▶ County awarded contract to LACO Associates out of four applicants
- ▶ AWM tried to hire staff Senior Engineer in 2015, but failed after two attempts
- ▶ Based on successful relationship, AWM renewed LACO Associates contract in 2015 and again in 2017
- ▶ Due to County purchasing rules, AWM must reopen contract to new potential applicants



Engineering Services Requirements

- ▶ Licensed Professional Civil Engineer in California
- ▶ Knowledge of VESCO standards and requirements
- ▶ Experience with upland and agricultural hydrology and hydraulics
- ▶ Experience using USLE and RUSLE2
- ▶ Experience developing or reviewing grading and drainage projects
- ▶ Experience developing or reviewing vineyard/orchard development plans



Geologic Services Requirements

- ▶ Certified Engineering Geologist in California
- ▶ Knowledge of VESCO standards and requirements
- ▶ Experience with upland and agricultural hydrology and hydraulics
- ▶ Experience writing/reviewing engineering geologic and geotechnical reports
- ▶ Experience identifying areas of slope instability and mass wasting
- ▶ Experience conducting factor of safety analysis for slope stability



Schedule

- ▶ Release of RFP to public: March 22, 2020
- ▶ Response proposals due: April 19, 2020
- ▶ Award contract: July 7, 2020



Selection Process

- ▶ All proposals received will be reviewed for professional qualifications, relevant experience, and cost
- ▶ An Evaluation Committee will be formed consisting of County personnel, industry representatives, and other relevant experts
- ▶ Final decision made by Board of Supervisors



Questions?

