



County of Solano
Department of General Services
Central Services Division

**PURCHASING SERVICES
SOLANO COUNTY**

AMENDMENT - 2

INVITATION FOR BIDS

**WESTERN GROVE OBSTRUCTION
REMOVAL PROJECT
(Trees)**

IFB NUMBER: 38-0607-13

FINAL DATE FOR SUBMISSION: July 8, 2013, 3:00 PM (PST)

SUBMIT IFB TO:	IFB COORDINATOR
Solano County Central Services 675 Texas Street Suite 2500 Fairfield, CA 94533	Dianne E. Luna (707) 784-3105 deluna@solanocounty.com

This document is available electronically on the County's website at
www.solanocounty.com

Any vendor participating in this solicitation is required to have a vendor application on file with the County. This application may be downloaded from the above website. Include the application with your bid. Bidders are responsible for frequently checking the County's website for any changes or information relating to this IFB.

GENERAL SERVICES DEPARTMENT

MICHAEL J. LANGO
DIRECTOR



CENTRAL SERVICES
DIANNE E. LUNA, C.P.M.
CENTRAL SERVICES MANAGER

June 21, 2013

Pursuant to IFB No. 38-0607-13 Western Grove Obstruction Removal Project, the County of Solano has amended this IFB to reflect the following changes:

1. SECTION 5 – BID SPECIFICATIONS AND SCOPE OF WORK

SEE ATTACHED AMENDMENTS TO SECTION 5

All other terms and conditions and other requirements contained in the IFB remain unchanged. Also, please complete amendment acknowledgement letter (attached) and return with bid.

If vendor has already submitted a bid for this solicitation, a revised bid may be resubmitted, and prominently marked "revised bid per amendment." Any resubmitted bid must be received in the Purchasing Services Office as indicated by the submission date and time.

The County of Solano thanks you for your expressed interest in its IFB and looks forward to your bid.

Sincerely,

Dianne E. Luna
Manager Central Services

675 TEXAS STREET, SUITE 2500
FAIRFIELD, CALIFORNIA 94533
Phone: (707) 784-6320 • Fax: (707) 422-977

IFB NO.: 38-0607-13
SUBMISSION DATE: 7/8/13 3:00 PM

SECTION 5

BID SPECIFICATIONS AND SCOPE OF WORK

AMENDED

Please read carefully. Highlighted sections reflect changes.

5.1 GENERAL

The Solano County Department of General Services wishes to clear and chip all trees and saplings and brush, grind and treat stumps, located adjacent to, and on the west side of, the Nut Tree Airport, within the area known as the Western Grove Obstruction Removal Project – Project Site Area A and Project Site Area B, as shown on the attached project site Figure 5-1, and for the purpose of description in Table 5-1 (Tree Removal Inventory). The trees were identified by the Caltrans Division of Aeronautics as an obstruction to navigable airspace pursuant to Part 77 of the Federal Aviation Regulations.

A summary of project activities is as follows -

- Prepare an Airport Construction Access and Safety Plan addressing the movement of all persons, vehicles, and equipment to and from the project site, any required radio communications, crossing of the Airport runway and use of taxiways, and other movement areas; and identify staging areas and describe construction activities. The plan shall be subject to approval by the Airport Manager.
- Chipping and grinding of all trees, shrubs, limbs and other cuttings, chips and grinds to remain on the project site. No haul-off of trees, shrubs, limbs or other cuttings will be allowed, unless otherwise approved by COUNTY. Chips and grinds to be leveled and distributed / spread evenly throughout the project site area and Limit of Work Area at a depth of no more than 12 inches.
- Grinding and/or chipping of all stumps, other than those located within the Horse Creek Channel.
- Treatment of stumps located directly within the Horse Creek Channel - stumps located directly within the banks of Horse Creek Channel shall not be removed and shall remain and be treated to prevent re-growth. Limits of the top-of-banks of Horse Creek Channel shall be identified and flagged by COUNTY.
- Re-vegetation of disturbed Stream Channel areas following tree obstruction removal as required.
- Off-site disposal of all other materials.

5.1.1 Permits, Measures and Requirements

- A. CONTRACTOR shall comply with all regulatory permits and conditions throughout the performance of the Contract including Attachment 8 (CEQA Requirements – Mitigation Measures and Monitoring Plan) and Attachment 9 (Cal Dept of Fish & Wildlife Requirements). Any conflicts that may arise between the requirements set forth herein, Attachment 8 or Attachment 9; Attachment 9 shall govern unless otherwise determined by AIRPORT.
- B. SOLANO COUNTY / AIRPORT will supply authorizations for project, including a Streambed Alteration Agreement from the California Department of Fish & Wildlife.
- C. CONTRACTOR shall prepare a Notice of Intent and a Level – 1 Storm Water Pollution Prevention Plan (SWPPP) and file such documents prior to project commencement, and close out all documents upon project completion, with the Regional Water Quality Control Board (RWQCB). Upon request by CONTRACTOR, COUNTY will provide a NPDES Risk Determination for use by CONTRACTOR in filing with RWQCB.

5.1.2 Work Area

- A. Project activities will be performed within the Limits of Work Area identified in Figure 5-1, or in additional areas as required and approved by the Airport.
- B. All vehicle equipment shall be outfitted with flashing amber roof lights and/or 3-foot by 3-foot orange flags during construction activities as part of the Airport Construction Safety Plan.

5.1.3 Underground Utilities

- A. CONTRACTOR shall perform necessary surveys for underground utilities in the area in which the trees, saplings, brush, and obstruction pole will be removed. No guarantee is expressed or implied that underground utility locations are shown on project diagrams.
- B. Whenever a telephone or telegraph pole, pipeline, conduit, sewer, roadway, or other utility is encountered and must be removed or relocated, the CONTRACTOR shall advise the AIRPORT, who will notify the proper local authority or owner and attempt to secure prompt action.
- C. The CONTRACTOR shall protect all utilities from damage and shall be responsible for all claims for damage due to CONTRACTOR activities.
- D. Trenching activities are not anticipated with this project.
- E. CONTRACTOR shall coordinate with AIRPORT to shut off power during daylight work hours for any sub-surface work by CONTRACTOR within the vicinity of the obstruction light pole located near the southeast end of the Western Grove.

5.1.4 Site Access and Staging Areas

- A. The AIRPORT shall authorize access to and from the Project Site. Access routes are shown in Figure 5-2. Final access routes to Project Site – Areas A and B shall be as determined by the AIRPORT including the addition or elimination of routes.
- B. Staging areas may occur in the two areas shown Figure 5.1.
- C. Vehicle and equipment travel across Horse Creek is prohibited.
- D. Access –

Access to Project Site - Area A – The Solano County Water Agency (SCWA) has agreed with the COUNTY for the use of the Putah South Canal for limited access to Project Site Area A. Access shall be via the Putah South Canal Levee road as depicted in Figure 5-2. Use of the Putah South Canal Levee road shall be restricted. Access and use of the Canal Levee road shall be limited only to bringing equipment to Project Site Area A Staging Area prior to project commencement; and, to removing equipment from Area A upon project termination. Arrangements for use of the Canal Levee shall be made by CONTRACTOR directly with SCWA . No fee for use of the Putah South Canal Levee will be charged to CONTRACTOR. CONTRACTOR will be required to provide proof of insurance and a policy endorsement to SCWA.

Periodic use of the Putah South Canal Levee – Use will be allowed on a periodic basis for the purpose of bringing a small re-fueler truck to and from Project Site Area A for CONTRACTORS equipment. Arrangements for use of the Canal Levee shall be made by CONTRACTOR directly with SCWA.

Daily use of the Canal Levee to access Project Site Area A shall be restricted.

Daily access to Project Site Area A by CONTRACTOR shall be through the AIRPORT property to and across the Culvert Crossing of the South Branch of Horse Creek and the Putah South Canal as identified in Figure 5-1. Vehicle access across the Culvert Crossing shall be prohibited. A vehicle may be staged on each side of the Culvert Crossing for the purpose of daily transport of personnel to and from Project Site Area A.

Access to Project Site - Area B - shall be from and through the Airport property. (Figure 5-2). Final access route to and from Project Site - Area B shall be as determined by the Airport.

- E. CONTRACTOR shall restrict the parking of personal employee vehicles to only the Airport public parking lot located on the east side of the Airport Administration Building located at 301 County Airport Road, Vacaville.

5.1.5 Work Within and Adjacent to Horse Creek Channel

- A. CONTRACTOR shall avoid felling trees within or across the Horse Creek channel to the extent possible and degree practical. All tree removal and mulching activities will occur on the same side of Horse Creek upon which trees are felled.
- B. Stumps within the Horse Creek Channel shall remain in place. Each stump shall be treated immediately with glyphosate or another chemical treatment as approved by the Airport to prevent re-growth. Limits of the top-of-banks of Horse Creek Channel shall be identified and flagged by COUNTY.
- C. Vegetation and brush within Horse Creek Channel shall not be cut or removed. Limits of the top-of-banks of Horse Creek Channel shall be identified and flagged by COUNTY.

5.1.6 Site Clean-Up, Debris and Site Management

- A. Site cleanup shall occur daily.
- B. All trash collection containers shall remain covered to prevent debris from littering the airfield.
- C. The CONTRACTOR shall designate a break area, and all lunch breaks will occur in the designated area. Proper trash receptacles with lids shall be maintained in these areas and all debris shall be placed in the receptacles. The receptacles shall be emptied daily and refuse will be removed from the site.
- D. The CONTRACTOR shall monitor all areas for loose debris, especially after lunch and break periods.
- E. The CONTRACTOR is responsible for ensuring that waste, loose material, and other debris does not migrate off site to become foreign object debris (FOD) on the adjacent runway. The CONTRACTOR shall be responsible for any damage to aircraft caused by FOD resulting from project activities/operations.
- F. Staging and storage areas for equipment, materials, fuels, and lubricants shall be located outside of the stream banks. Vehicles must be moved away a minimum distance of 300 feet from the stream channel and riparian habitats prior to refueling and lubrication.

5.1.7 Wildlife Hazard Management

- A. Job site staff will be trained in policies and procedures pertaining to wildlife hazard management. CONTRACTOR and CONTRACTOR'S personnel assigned to the project shall attend a pre-project wildlife training session to be provided by the AIRPORT. Date, time and location of the training session shall be determined by AIRPORT.

5.1.8 Dust Suppression

- A. Contractor shall provide Air Quality management measures through the use of Best Management Practices (BMPs) identified by Yolo-Solano Air quality Management District regulations in effect at the time of obstruction removal and the Mitigation Monitoring Program (see Attachment 8). Such measures include, but are not limited to:
- Watering exposed soil at an adequate frequency to provide dust suppression; and
 - Covering all trucks used to haul materials or maintain at least 2 feet of freeboard.

B. Water Supply

The Solano County Water Agency (SCWA) has agreed to allow use of water from the Putah South Canal, located adjacent to and west of the project site, for the specific purpose of project dust suppression. Arrangements and approval for use of water from the Putah South Canal shall be made by CONTRACTOR directly with SCWA.

SCWA has agreed with COUNTY to allow up to 750,000 gallons of water to be drawn from the Putah South Canal by CONTRACTOR at no cost for the sole purpose of dust suppression. If the total draw of water exceeds 750,000 gallons it is estimated that a per gallon rate will be charged to CONTRACTOR by SCWA, final rate per gallon is subject to SCWA determination and approval. CONTRACTOR shall be responsible for any cost associated with the use of water from the Putah South Canal.

Safety measures, the method used to draw water, and the location of the water draw from the Putah South Canal, shall be subject to SCWA approval. Safety measures may include, but be not limited to, a spill kit, a containment system to prevent runoff of contaminants, and a throw rope and floatation device for CONTRACTORS personnel working near the water.

CONTRACTOR will be required to provide proof of insurance and a policy endorsement to SCWA.

Project Site Area B – alternatively, for dust suppression within, and related to work on, Project Site Area B CONTRACTOR may obtain water from the City of Vacaville (City) municipal water supply hydrant system. Approval and permits for use of City water shall be obtained from City by CONTRACTOR. CONTRACTOR shall be responsible for any cost associated with the use of City water.

5.2 CONSTRUCTION METHODS

5.2.1 Tree Removal.

- A. The CONTRACTOR shall cut, remove and chip and grind all trees and stumps, respectively, within the Project Sites Areas A and B as identified in Figure 5-1 and described in the Tree Removal Inventory in Table 5-1.
- B. All tree stumps located outside of the Horse Creek stream channel shall be ground in place.
- C. All trees, shrubs, limbs and other cuttings and undergrowth shall be ground and chipped on-site. Chips and grinds shall remain on the project site areas and shall be leveled and distributed / spread evenly throughout Project Site Areas A and B and within the Limit of the Work Area as shown in Figure 5-1 at a depth of no more than 12-inches. No haul-off of chips and/or grinds shall be permitted.
- D. Stumps shall be ground down to a minimum depth of 12 inches below ground surface.
- E. All tree stumps located inside the Horse Creek stream channel shall not be removed and shall not be ground; however, shall be chemically treated to prevent re-growth. . Each stump shall be treated immediately with glyphosate or another chemical treatment as approved by the Airport to prevent re-growth. Limits of the top-of-banks of Horse Creek Channel shall be identified and flagged by COUNTY.
- F. All tree removal will be performed in accordance with permit requirements pertaining to the stream channel (Attachments 8 and 9). Trees shall not be dragged across the Horse Creek stream channel to the extent practicable, and trees shall be felled, and ground/chipped, on the same side of the channel. Safety considerations shall prevail.

G. Contractor shall not operate any equipment in the streambed of Horse Creek or the branches of Horse Creek.

H. Vegetation and brush within Horse Creek Channel shall not be cut or removed. Limits of the top-of-banks of Horse Creek Channel shall be identified and flagged by COUNTY.

5.2.2 This section has been deleted.

5.2.3 Re-vegetation.

A. All areas within Horse Creek stream channel that are disturbed during construction shall be re-vegetated in compliance with Attachment 8 and Attachment 9 using low-growing vegetation. Plants used to re-vegetate disturbed stream channel areas shall be as determined by AIRPORT. Re-vegetation of areas covered by chipped and ground materials will not require re-vegetation.

5.2.4 Estimated Project Schedule.

- A. September 1, 2013 through October 15, 2013.
- B. Work conducted within the Horse Creek stream channel and riparian zone may only occur during the dry season.

END OF SECTION

GENERAL SERVICES DEPARTMENT

MICHAEL J. LANGO
DIRECTOR



CENTRAL SERVICES
DIANNE E. LUNA, C.P.M.
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Amendment Acknowledgement
PURCHASING SERVICES OFFICE
SOLANO COUNTY
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This document may be found at www.solanocounty.com/BIDS/RFP's/Purchasing
Updates and any amendments will be posted on the same website.

DATE OF AMENDMENT: JUNE 21, 2013

ACKNOWLEDGEMENT

If you have already submitted a bid and need to make corrections, this Amendment sheet must be signed and returned with your corrected bid prior to the Closing date.

Offeror

Signature

Name and Title

Date

RETURN WITH BID