

ADDENDUM NO. 1

Request for Proposal & Statement of Qualifications

for the

Natomas Levee Improvement Program

**ELDERBERRY SHRUB & VALLEY OAK RELOCATION/TRANSPLANTING
RM 0.5 and SREL Reaches 19-20**

Sacramento County

Date: May 1, 2014

APPROVED BY: SACRAMENTO AREA FLOOD CONTROL AGENCY



May 01, 2014

Peter E. F. Buck
Director, Natural Resources

Date

TO ALL PROSPECTIVE BIDDERS:

All prospective bidders are hereby advised that Addendum No. 1, dated May 01, 2014, includes amendments to the Request for Proposal & Statement of Qualifications for the Natomas Levee Improvement Program Elderberry Shrub & Valley Oak Tree Relocation/Transplanting - RM 0.5 and SREL Reaches 19-20, that was issued by the Sacramento Area Flood Control Agency on April 11, 2014. The bidders are to review all of the amendments listed herein, and acknowledge receipt of this addendum by email.

Amendments to Request for Proposal & Statement of Qualifications

Part 3 – ELDERBERRY SHRUB & VALLEY OAK TREE LOCATIONS

Modify: 3.1 TRANSPLANTING EQUIPMENT

Add: (i) Root Ball Diameter

Preference will be given to use of ‘Vermeer’, ‘Big John’ or equivalent type tree spades for extraction of elderberry shrubs and oak trees. The intent of this directive is to ensure, where possible, the movement/preservation of the largest possible root ball. At a minimum root ball diameter, measured at the top of the excavated plug, shall be as follows:

1. Trees $>2 \leq 6$ inches: 60 inch diameter
2. Trees $>6 \leq 10$ inches: 80 inch diameter
3. Trees $>10 \leq 14$ inches: 100 inch diameter
4. Elderberry shrubs 1-3 inches, < 5 stems per cluster: 60 inch diameter
5. All other Elderberry shrubs: 80 inch diameter spade

Modify: 3.2 TRIMMING AND CUTTING EXISTING VEGETATION

Add: (iii) Elderberry Shrub Trimming Variance

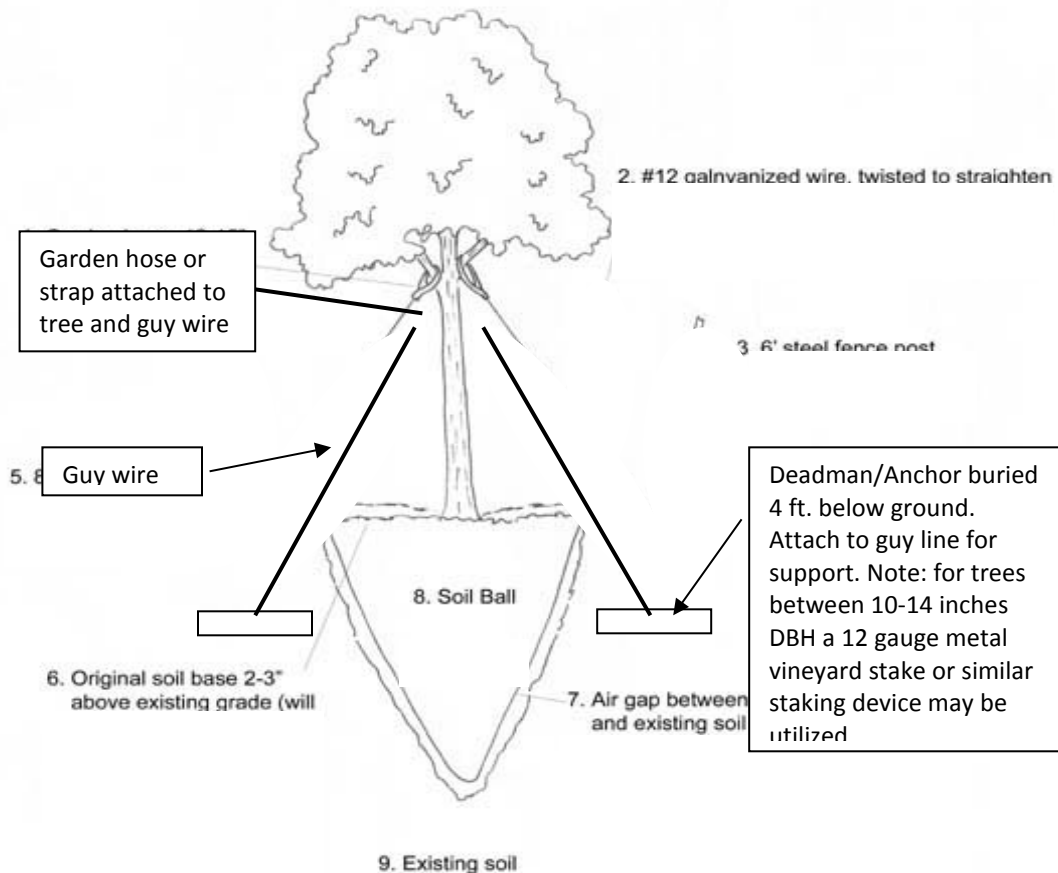
SAFCA has successfully negotiated modifications to elderberry shrub trimming procedures with the USFWS. These procedures allow for minimal trimming of elderberry shrubs to accommodate as ‘whole a move’ as possible. Trimming is permitted, however the intent of the variance is to ‘trim to fit’ to minimize both harm and breakage to shrubs during trimming and operation of tree spades utilized. This procedure will be used for the proposed project.

Add: 3.4 GUYING/STAKING TREES

Guying and staking of trees shall be implemented on trees greater than 10 inches in diameter at breast height (DBH) to reduce the chance of blow-over. Guying methods used shall be generally consistent as indicated in the narrative and diagram below:

A minimum of three (3) guy wires shall be used. When staking trees, ensure the top of the tree is free to move with the wind. Use a broad bandage, fabric strap or run guy wires through rubber garden hose and strap the tree at the lowest branch crotches. Make loops around the branches/trunk very loose to avoid damaging the tree. All guy wires shall be tightened so they are taut utilizing turnbuckles. Anchoring systems shall be low to the ground and located outside of the watering basin. Trees between 10 and 14 inches DBH shall be anchored utilizing an earth anchoring device such as a metal vineyard stake or similar method. Metal stakes shall be a

minimum of 12 gauge and be at least 30 inches long and driven into the ground on a 30-45 degree angle toward the center of the tree. Guy wires shall be 3/16 inch cable and attached and or wrapped/clamped to the anchor device/method used. Turnbuckles shall be sized to accommodate the weight loading of the cable. As a safety precaution, a 1 inch diameter by 4 length of white pvc piping shall be placed around each guy wire so it is clearly visible to the naked eye.



Add: 3.5 ELDERBERRY TRANSPLANT LAYOUTS

A schematic which illustrates the preferred elderberry transplant layout is attached to this addendum. All elderberry shrubs shall be transplanted according to this layout.

Add: 3.6 WATER SOURCE

A source of water is available within 500 feet of the proposed elderberry transplant location site in Discovery Park. SAFCA will assist the contractor in obtaining rights to use the County well at this location. A source of water is available at the Sand Cove Park, which is approximately 500 feet from the proposed oak tree relocation site.

Add: 5.0 MISCELLANEOUS

5.1 SAFETY PLAN

The RM 0.5 elderberry shrub transplant area is located within a heavily used area of Discovery Park, and adjacent to the American River Bike Trail, a designated commuter bikeway. The contractor will be required to develop and submit a safety plan that describes their approach to protect life and property during the duration of the proposed contract. At a minimum, the plan is due fourteen (14) working days in advance of work and shall contain a description of:

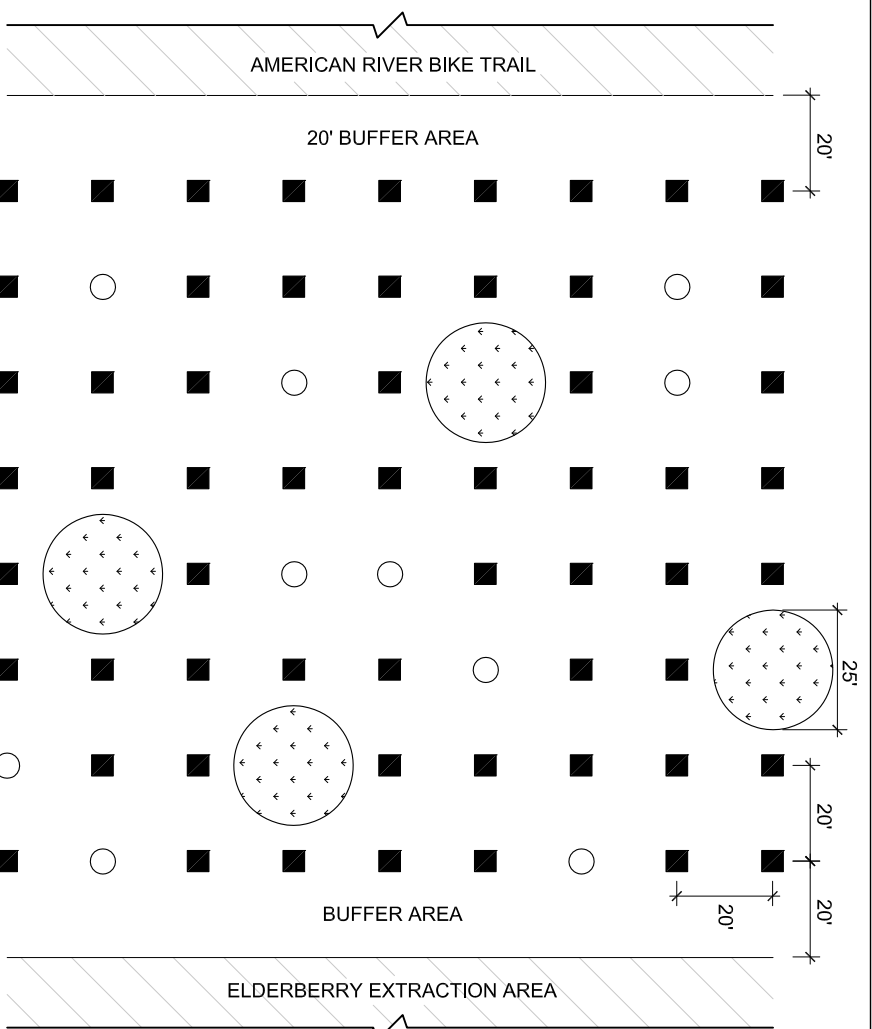
1. Equipment and personnel ingress/egress into the construction zone through the Parkway, across the bike trail and the Garden Highway.
2. If required, and at the discretion of SAFCA, a traffic control plan along the bikeway path.
3. Protection of utilities and underground service alert notification.
4. Signage adjacent to construction zone ingress and egress and along bike trail.
5. Excavation and a plan to barricade any open holes.
6. Twenty four (24) hour contact information.

5.2 COORDINATION WITH SACRAMENTO REGIONAL COUNTY PARKS

Due to the sensitivity of the project area in Discovery Park, the contractor will be required to actively coordinate with County Parks Rangers and natural resources management staff at the start and during the duration of the project. The contractor shall be available to participate in a pre-work conference fourteen (14) working days in advance of work with SAFCA and County parks personnel.

5.3 PREVAILING WAGE

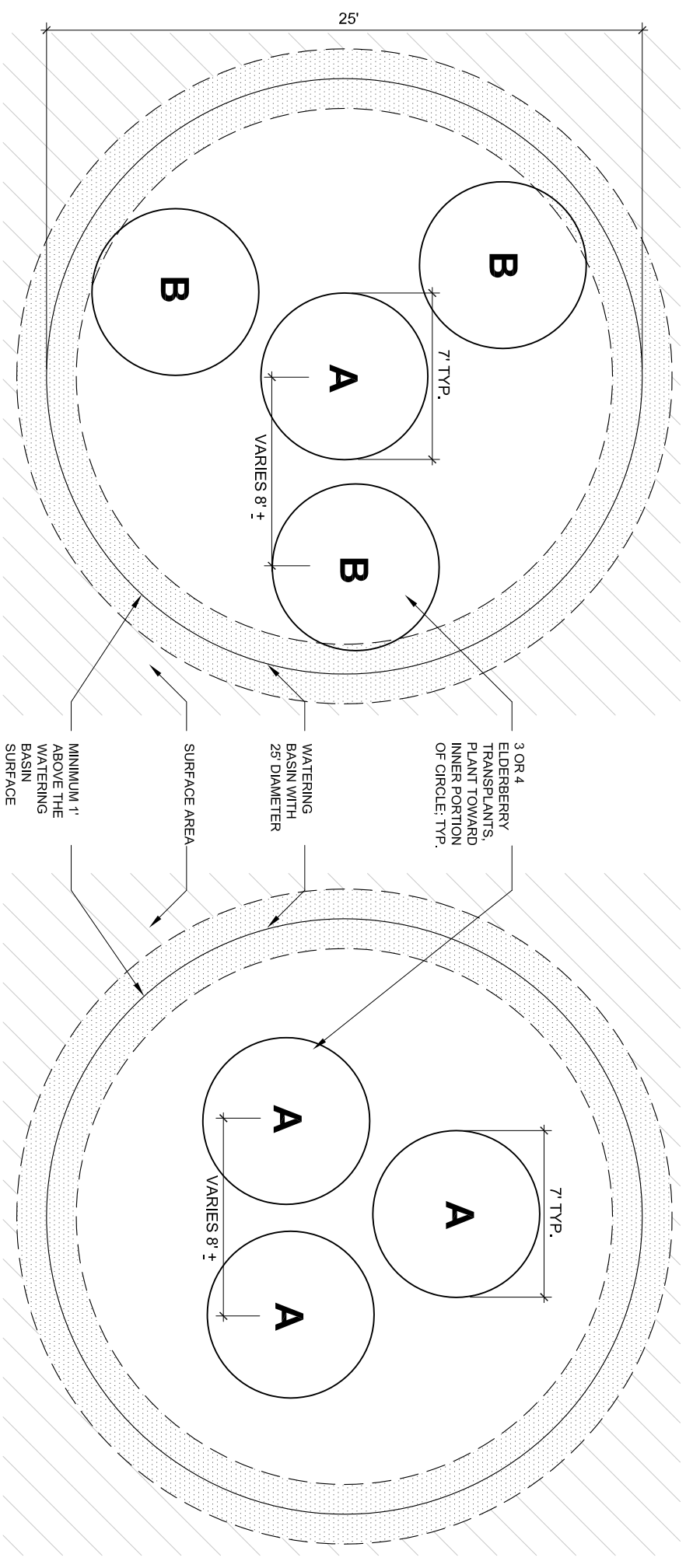
This project is defined as a public works project and is therefore subject to current prevailing wage law in California as determined by the California Department of Industrial Relations. The contractor shall keep accurate payroll records showing the names, address, social security number, hours worked and actual wages by class paid to any employee employed in connection with the work. At the discretion of SAFCA, the contractor may be requested to submit certified payroll to demonstrate compliance with the law.



PLANT LEGEND

ELDERBERRY TRANSPLANTS AREA		
SYMBOLS	PLANT TYPE	DESCRIPTION
■	ASSOCIATED PLANTS	PROVIDE SPACE FOR NEW PLANTING TO BE INSTALLED BY OTHERS
○	EXISTING VEGETATION	EXISTING SHRUBS OR TREES PRIOR TO TRANSPLANT OPERATION; AT NO POINT SHALL ELDERBERRY TRANSPLANT CLUSTERS BE INSTALLED ADJACENT TO EXISTING VEGETATION
⊙	ELDERBERRY TRANSPLANT CLUSTERS	CLUSTERS CONTAINING: 3 OR 4 ELDERBERRY TRANSPLANTS WITHIN A 25' DIAMETER AREA

- NOTES:**
- SEE EXHIBIT A, FOR ELDERBERRY TRANSPLANTS AREA.
 - PLANT TYPES TO BE LOCATED RANDOMLY WITH 20' O.C. SPACING WITH AGENCY APPROVAL.
 - BUFFER WIDTH OF 20' SHALL BE PROVIDED ALONG AMERICAN RIVER BIKE PATH.
 - A 20' FOOT WIDE BUFFER AREA SHALL BE PROVIDED BETWEEN THE ELDERBERRY TRANSPLANTS AREA AND ELDERBERRY EXTRACTION AREA.
 - ELDERBERRY TRANSPLANT CLUSTERS SHALL BE PLACED A MINIMUM OF 40' O.C. FROM EACH OTHER.
 - DIAGRAMMATIC LAYOUT WIDTHS OF ELDERBERRY TRANSPLANTS WILL VARY.



- NOTES:**
- ELDERBERRY TRANSPLANTS SHALL BE LOCATED TOWARD THE INNER PORTION OF THE PLANTING CIRCLE.
 - THE NUMBER OF TRANSPLANTS PER CLUSTER SHALL VARY DEPENDING ON THE SIZE OF THE ELDERBERRY TRANSPLANT. NO MORE THAN 3 LARGE ELDERBERRY TRANSPLANTS SHALL BE PLANTED IN ONE CLUSTER.
 - ASSUME 90° TREE SPADE WILL BE USED TO TRANSPLANT ELDERBERRIES.

A = SHALL BE LARGER TRANSPLANTS RELOCATED
B = SHALL BE SMALLER TRANSPLANTS RELOCATED

A ELDERBERRY TRANSPLANT AREA PLANTING LAYOUT

NOT TO SCALE

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SAFCA
 Sacramento Area Flood Control Agency

SAFCA

NLIP RM 0.5

RM 0.5 ELDERBERRY RELOCATION/ TRANSPLANTING

EXHIBIT B

scale: AS SHOWN
 job no.: 06110058.04
 drawn by: SR
 checked by: KC
 sheet no.: 2
 sheet 2 of 2
 date: 02/12/2014