

REQUEST FOR PROPOSALS (RFP)
FOR
PRELIMINARY AND FINAL DESIGN FOR THE NOBLE
WATER STORAGE TANK No. 2 AND TRANSMISSION
PIPELINE



Beaumont-Cherry Valley Water District
Attn: **Daniel Jagers**
560 Magnolia Avenue
Beaumont, CA 92223
dan.jagers@bcvwd.org

Approved for Release:

Director of Engineering
Beaumont-Cherry Valley Water District

KEY RFP DATES (Subject to change at discretion of District):

Issue Date:	<u>August 10, 2017</u>
District Project Manager:	<u>Daniel Jagers</u>
Letter of Intent:	<u>August 22, 2017</u>
Pre-Proposal Meeting (optional):	<u>August 24, 2017</u>
Deadline for Requests for Information:	<u>August 25, 2017</u>
Proposal Due Date:	<u>September 06, 2017</u>
Presentation/interviews (optional):	<u>Will be notified if applicable</u>
Anticipated Projected Award Date:	<u>October 11, 2017</u>
Anticipated Design Completion:	<u>May 10, 2018</u>

**ATTENTION: CONTRACTORS AND SUBCONTRACTORS MANDATORY
REQUIREMENT for
DEPARTMENT OF INDUSTRIAL RELATIONS REGISTRATION**

Contractors and subcontractors are required to be registered with the Department of Industrial Relations in order to 1) submit a bid or be listed on a bid for a public works project, or 2) work on a public works project awarded on or after April 1, 2015.

Application Process

Registration and renewal costs with DIR are \$400 and covers the fiscal year (July 1st–June 30th). Credit card payments can be processed within 24 hours, while other forms of payment may delay registration for up to eight weeks.

It is the Contractors responsibility to keep registration current with DIR. If the contractor is found to be out of compliance with DIR it is at BCVWD's discretion

- [Activate or renew your contractor registration](#)
 - [Instructions for completing the contractor registration and renewal application](#)
 - [Contractor registration training video](#)

- [Frequently Asked Questions](#)

Who is required to register? Any Contractor or Subcontractor who bids on or performs work that requires the payment of prevailing wages under state law must be registered with DIR. This includes not only work performed by the building and construction trades, but also other types of work, including trucking, surveying, and testing, if that work is subject to prevailing wage requirements.

To be eligible Contractors and Subcontractors must:

- Be in good legal standing with no outstanding judgments or liens owed to workers or to the State of California.
- Not be [debarred from doing public works](#) by the United States Department of Labor or any state that has public works debarment laws.
- Have a California Contractors State License if one is required (non-construction contractors must provide their professional license number if one exists for their profession).
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To learn more about Public Works Contractor Registration, please read the [Public Works Reforms \(SB 854\) fact sheet](#) and the [frequently asked questions](#). If you have additional questions about contractor registration, please [contact DIR](#) for assistance.



NOTICE INVITING PROPOSALS

NOTICE IS HEREBY GIVEN that proposals will be received from qualified firms for Preliminary and Final Design for the Noble Water Storage Tank No. 2 and Transmission Pipeline.

Responses to this Request for Proposal (RFP) will be accepted until September 6, 2017 at 1:00 p.m. Proposals received after this date/time will not be considered and will be returned unopened. It is the responsibility of the proposer to ensure that any proposals submitted have sufficient time to be received by the Beaumont-Cherry Valley Water District (BCVWD) prior to this proposal due date and time.

Proposals shall be enclosed in a sealed envelope and marked clearly with following information, formatted as follows:

**"SEALED PROPOSAL FOR
PRELIMINARY AND FINAL DESIGN FOR THE NOBLE WATER STORAGE TANK No. 2
AND TRANSMISSION PIPELINE**

DO NOT OPEN WITH REGULAR MAIL."

Beaumont-Cherry Valley Water District

Attn: **Daniel Jagers**

560 Magnolia Avenue

Beaumont, CA 92223

Proposals shall be mailed, hand delivered, or sent by courier service.

Proposals shall NOT be sent via telegraphic, electronic or facsimile.

All notifications, updates and addenda will be posted on the District's "Current Solicitations" page at http://www.bcvwd.org/current_solicitations.html. Proposers shall be responsible for monitoring the site to obtain information regarding this solicitation. Failure to respond to required updates may result in a determination of a nonresponsive proposal.

LETTER OF INTENT: Interested firms shall submit a Letter of Intent of their pending proposal to the noted Project Manager by the required date as shown on the cover page of this RFP. Letters shall be forwarded via certified mail or email. The purpose of the Letter of Intent is to provide point of contact information between the District Project Manager and the proposed bidder.

BCVWD's regular office hours are 8 a.m. to 5 p.m., Monday – Thursday.

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**BEAUMONT-CHERRY VALLEY
WATER DISTRICT**

**REQUEST FOR PROPOSAL
PRELIMINARY AND FINAL DESIGN FOR THE NOBLE WATER
STORAGE TANK No. 2 AND TRANSMISSION PIPELIN**

**NOTICE TO PROPOSERS / PROPOSAL SUBMITTAL
INSTRUCTIONS**

1. DUE DATE AND TIME: Proposals for Preliminary and Final Design for the Noble Water Storage Tank No. 2 and Transmission Pipeline, as described herein, will be received by the District until date and time shown on “Notice of Inviting Proposals”. Any changes to this RFP are invalid unless specifically modified by District and issued as a separate addendum document. Should there be any question as to changes to the content of this document; the District’s copy shall prevail. It is the Proposer’s sole responsibility to ensure that their proposal, inclusive of any or all addenda, is received by the District at the stated time and place. Any proposal received after the scheduled closing time for receipt of proposals will not be considered and will be returned unopened.
2. Proposals must be submitted to the District as set forth in this Request for Proposal document. Unless otherwise specified, proposals submitted by any other method than that set forth herein will be disqualified.

SECTION I – PROJECT INTRODUCTION AND OVERVIEW

A. General Overview:

The District was formed in 1919 as an Irrigation District under California Water Code §20500 *et seq.* to provide domestic and irrigation water to the city of Beaumont, the community of Cherry Valley, and surrounding area. The service area of the District covers approximately 28 square miles, and the District’s sphere of influence covers approximately 37.5 square miles, virtually all of which is located within the County of Riverside, and includes the community of Cherry Valley, the City of Beaumont, and small portions of the City of Calimesa. The District also operates wells and a reservoir north of Riverside County in San Bernardino County.

The District has a potable and a non-potable water system. The potable water system has 24 wells, 11 pressure zones and 14 tanks. Existing Noble Tank No. 1 is one of two tanks that serve the 3040 Potable Water Pressure Zone, (the “3040” is the operating hydraulic grade line in the pressure zone relative to mean sea level). The District has about 17,000 service connections and delivers about 11,000 acre-ft/year of potable water. All of the water is from groundwater in Edgar Canyon (Little San Gorgonio Creek) and the Beaumont Groundwater Basin. The District obtains imported State Project Water from the San Gorgonio Pass Water Agency, recharges that water in District-owned spreading basins in Cherry Valley, and subsequently extracts the water for potable use. Since 2007, the District has recharged an average of about 5,000 acre-ft/year of imported water.

In January 2016 the District Board of Directors adopted a Potable Water Master Plan Update and subsequently a capital improvement program was adopted which included a number of facilities, including the project for which this RFP is requested.

B. Purpose Of Request For Proposal:

The District is currently seeking proposals from qualified engineering consulting firms for design and environmental services required for this project. The services would include the work described hereafter and detailed in Section III: Scope of Work and Technical Specifications.

The existing Noble zone (3040), supplied by the District’s base pressure zone (2750), has a need for increased storage capacity to satisfy system demands created by near term development activity. The existing zone is fed by the existing Noble tank as well as the existing Highland Springs tank which each have a storage volume of 1 Million Gallons (MG). The existing Noble tank is located on Cherry Avenue (APN No. 401-210-010) just south of the Avenida Altura Bella and Cherry Avenue intersection in the Community of Cherry Valley. In accordance with the Water Facilities Master Plan, the proposed improvements include:

1. Constructing a 2 MG Steel Storage tank at a high water level of 3040-ft.
2. Constructing approximately 2,800-feet of 20-inch Ductile Iron Pipe transmission main.

3. Abandonment and demolition of the existing original Noble tank concrete pad located southerly of the existing Noble Tank No. 1 to make space for Noble Tank No. 2.

The Beaumont-Cherry Valley Water District (District) is requesting proposals for professional engineering services for preliminary and final design including preparation of contract documents for the Noble Water Storage Tank No. 2 and transmission pipeline project. Services shall include:

1. Project Management
2. Data Gathering
3. System Hydraulic Evaluation
4. Facilities Site Analysis
5. Feasibility Refinement
6. Preliminary Design
7. Preparation of Contract Documents
8. Preparation of Construction Cost Estimate
9. Investigations
10. Survey
11. Geotechnical
12. CEQA Compliance and Permit Acquisition
13. Services During Bidding
14. Services During Construction
15. Project Close-out Services

The consultant is encouraged to expand the scope to include optional tasks if deemed necessary for completion of the project. The above are specific tasks to be included in the proposed scope of work as a minimum.

The District will select a qualified firm to perform the required services for Noble Water Storage Tank No. 2 and the associated transmission pipeline generally based upon their qualified expertise, project understanding, and fee and in accordance with the requirements set forth within this Request for Proposal.

It is the intent of the District to receive responses to the RFP and, if appropriate, conduct individual interviews in order to select a firm which, in the opinion of the District, is best suited to perform the required services. The purpose of this RFP therefore, is to provide the District with the information necessary to select the most qualified firm while obtaining a fair price

for the requested services.

C. Project Specific Dates:

Table 1 hereafter identifies the project specific estimated dates/time frame for receipt, evaluation, and award of the work specified in this RFP. Please note the following key dates, which are referenced on cover page, when preparing your response to this RFP.

Table 1 – Project Specific Dates

Description	Date
Release of RFP to Firms	8/10/2017
Deadline for Written Letter of Intent Questions Regarding RFP	8/25/2017
Response to Written Questions Regarding RFP	8/31/2017
Proposal Due Date	9/06/2017
Proposal Review (and Possible Short List)	To Be Determined
Firm Interviews (if Applicable)	To Be Determined
Firm Recommendations	10/11/2017
Contract Approval and Approximate Start Date	10/12/2017

D. Selection Criteria:

The Criteria for firm selection will be based on, but not limited to, the following:

1. Firm’s Qualifications and Experience with design of municipal water storage tanks of the size and configuration specified herein.
2. Experience and qualifications of personnel assigned to perform the work.
3. Technical approach and understanding, preparation of project specific plans and specifications for construction of municipal water storage tanks in accordance to State of California Requirements as well as District Standard Specifications.
4. Price and Payment Terms.
5. Exceptions Taken to RFP and Sample Agreement (attached).
6. Location of Consultant (i.e. proximity to District Sphere of Influence).

E. Evaluation And Selection Process:

1. Submittal Review: A committee will review and evaluate each submittal to determine if it meets the RFP requirements. Failure to meet the requirements set forth in the RFP will be cause for eliminating the proposer from further consideration.
2. The technical proposals will be evaluated and ranked by the selection committee. The selection committee will establish the ranking order. The District will negotiate with the top ranked firm, if deemed necessary by the selection committee. If agreement cannot be reached with the number one ranked firm, then the negotiations will be terminated and the firm will be informed in writing. The number two ranked firm will

then be invited to enter into the negotiations process. The evaluation criteria and weighting are as follows:

Evaluation Criteria	Weight of Score
Past performance and qualifications of the team members on similar projects.	25%
Familiarity with and capacity to handle all aspects of the work.	20%
Ability to complete the project within the proposed time frame.	15%
The proposed project approach, scope, manner, and thoroughness in which it is presented in the proposal.	20%
Firm's experience, staff availability, stability, financial responsibility, and past performance on similar projects.	20%

3. Short List: At the District's option, the selected candidates may be short listed and interviewed to further refine the selection process.
4. The District reserves the right to, at their sole discretion, qualify and select the most qualified firm during the selection process or alternatively through the short list and interview process.

SECTION II – PROPOSAL REQUIREMENTS

The proposal should respond to the requirements set forth herein. In addition, proposers need to demonstrate their capabilities, background, expertise, etc. in order for the District to effectively evaluate the proposals, and award to the company that provides the best value to the District based on the selection criteria in Section I. The Proposal should include, at a minimum, the following information:

A. Cover Letter:

B. Executive Summary: to include a brief summary of the firm’s origin, background, and size of the company, an overall organizational chart, the overall capabilities of the organization, appropriate licenses and certifications, and proximity of company’s resources to the District’s offices and facilities.

C. General Requirements:

The proposal should include the following:

1. An understanding of the project and approach to accomplish the work in a timely and acceptable manner.
2. A detailed description of the services to be provided based on the consultant’s understanding of the project scope, Include a list of anticipated drawings.
3. A detailed work schedule for all work and time frame for items of work .
4. A project organization and staffing chart.
5. Identification of the individual who will have overall responsibility for the project and who shall be a Registered Civil Engineer in the State of California.
6. A resume of the key staff who will be working on this project, including specific experience on similar projects.
7. The proposal shall have a page limit of 20 pages including appendices, tabs, and cover.
8. A not-to-exceed fee based on the services outlined in the Scope of Work which MUST be submitted as a hard copy and an electronic copy (smart pdf and excel formats on CD) in a SEPARATE SEALED ENVELOPE.
9. Six (6) hardcopies and one (1) electronic copy (smart pdf on CD) of the proposal shall be submitted to the District.

E. Statement of Qualifications:

1. Qualifications and Experience (Firm and Personnel) – a description of the company’s expertise related to services requested and a full discussion of the company’s recent experience directly related to designing large municipal water storage tanks and

transmission pipelines. Provide resumes of key people that address experience and qualifications, educational background, and skills.

- c. Availability – Briefly describe your firm’s and personnel’s ability to meet the District’s needs in a consistent and timely manner.
- d. References (Exhibit A) – list three (3) former municipal (preferred) or private clients for whom comparable services have been performed within the last five years. Include the name, mailing address, telephone number, and email address of each client’s principal representative.
- e. List of Subcontractors (Exhibit B) – a description of any subcontract arrangements that would be utilized for this project. Include a full description of the subcontractor’s experience and personnel.

F. Proposer’s Business Information (Exhibit C):

G. Additions, Deletions and/or Exceptions (Exhibit D): compliance with the District’s contractual terms in the sample agreement and/or RFP requirements. The Proposer shall note any additions, deletions and/or exceptions to the contractual terms and/or RFP requirements. If there are no exceptions taken, please note in the form: “There are none”.

H. Project Fee Proposal (Included in a separate sealed envelope clearly labeled “Project Fee Proposal”): said fee schedule shall include hourly rates; fees for all sub- consultants, and percentage markup of reimbursable expenses, if any shall be included. The rates shall be valid for the term of the contract. In the Project Fee Proposal, include the following information:

- 1. A detailed personnel-hour estimate by personnel classification for the major portions of the work broken down for each task, milestone report and/or plan deliverable.
- 2. Fees for any subcontractors.
- 3. A total not-to-exceed fee estimate based on services outlined in Scope of Work.
- 4. The method of compensation shall be based on a time and expense basis subject to a not-to-exceed amount to complete the project.

F. The Beaumont-Cherry Valley Water District (District) reserves the right to withhold award of contract for a period of ninety (90) days following RFP opening. All proposals received are considered firm for that 90-day period.

G. A contract incorporating the terms and conditions contained herein will be sent to the successful Proposer. Any additional terms and conditions requested or comments by Proposer must be submitted with the proposal (Section II.A.6.: Additions, Deletions and/or Exceptions) and will be considered as part of the selection/negotiation process.

H. Any questions as to the meaning of the scope of work and/or technical specifications or

other pre-proposal documents must be submitted in writing and shall be directed to Daniel K Jagers at (951) 845-9581, Ext. 217, dan.jagers@bcvwd.org, who will provide instructions for submitting requests. Any and all such interpretations and any supplemental instructions will be sent to all prospective Proposers not later than the date set forth in Table 1: Project Specific Dates (Section I.C.). All addenda so issued shall become part of the contract documents. Under no circumstances may the Proposer contact any other department or individual for clarification or interpretation of any requirements herein.

- H. The District reserves the right to reject any or all proposals, either separately or as a whole and to waive any informality in a proposal or to accept any proposal presented which it deems best suited to the interest of the District, and is not to be bound to accept the lowest price.
- I. The cost for developing the proposal is the sole responsibility of the Proposer. All proposals submitted become the property of the District. If any pages are deemed as confidential or proprietary, those pages should be individually marked confidential or proprietary.
- J. At the time of the opening of proposals each Proposer shall be presumed to have read and be thoroughly familiar with the RFP and proposal requirements (including all Addenda).
- K. Be advised that all information contained in proposals submitted in response to this solicitation may be subject to the California Public Records Act (Government Code Section 6250 et seq.), and information's use and disclosure are governed by this Act.
- L. The District shall not be liable for any pre-contractual expense incurred by the Proposer. The Proposer shall have and maintain throughout the contract period, insurance as required by the sample agreement attached acceptable to the District. The District reserves the right to withdraw this Request for Proposal at any time and makes no representations to this Request for Proposal. The District reserves the right to postpone consideration of the proposals and to reject any and all proposals without indicating any reasons therefore.

SECTION III – SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

A. Project coordination:

1. Project kick-off meeting with District.
2. Coordination meetings with District as needed.
3. Weekly project updates via email and/or telephone to discuss budget, schedule and project issues (through bid phase services).
4. Coordination meetings with other project stake holders and agencies as needed.
5. Monthly report summarizing project budget and schedule. Provide one (1) hard copy and one (1) electronic copy (smart pdf), submit with invoice.
6. All correspondence, submittals, and deliverables (preliminary and final) shall be submitted to the District both via hard copy and electronically (CAD, smart pdf, word, excel, and original file formats on CD) at project close-out.

B. Data Gathering, System Hydraulic Evaluation, Site Analysis and Refinement:

1. Gather all available information on the District's existing water facilities in 3040 and 3330 pressure zones, associated regulated zones, adjacent developments, utility research and surrounding area including review of the following; record drawings, and Potable Water Master Plan, January 2016.
2. It is anticipated that the proposed tank will be sited and constructed on Cherry Avenue at the site of the original Noble tank concrete pad, located southerly of the existing Noble tank, on District owned property.
3. Identify various alignments for the proposed pipelines taking into consideration utilities, public right-of-way, easements, traffic, and any potential environmental constraints.
4. Utilize existing information and aerial mapping information to develop the tank and associated piping alternatives.

C. Preliminary Design:

In accordance with District's standards and guidelines, develop the necessary design criteria for the proposed tank and pipelines to allow a smooth transition from planning to final design. The preliminary design serves as the basis for design of the Noble Tank No. 2 and transmission pipeline and shall, at a minimum, address the following project components:

1. System Zone Hydraulics
2. Site Selection analysis
3. Yard piping and off-site pipelines
4. Tank Materials of Construction: Steel
5. Location of inlet and outlet piping to ensure reasonable mixing

6. Tank Appurtenances
7. Site Drainage
8. Fencing and Gates
9. Electrical Requirements
10. Security of the facilities
11. Visual aesthetics
12. Pipeline alignments
13. Abandonment and Demolition of unused facilities
14. Construction constraints
15. Environmental constraints
16. Geotechnical constraints
17. Landscape requirements
18. Budgetary level construction cost estimate
19. Project Schedule (critical path)
20. Safety
21. Monitoring and Control (SCADA)
22. Facility Phasing Plan

Identify any requirements associated with State Water Resources Control Board, Division of Drinking Water (SWRCB DDW), easements, permits, permit to operate, encroachment permits, parcel acquisitions, etc.

Conceptual layouts and drawings of the tank and pipelines to the 30% design level which will allow for a smooth transition from preliminary to final design phase. The layouts shall include, as a minimum, a site plan showing the tank, yard piping, tank appurtenances, drainage, paving, fencing, access, and landscape areas. Provide plan and profile of the transmission piping alignments.

Deliverable – Consultant shall prepare a Preliminary Design Report (PDR) that presents the design criteria associated with the tank and transmission pipeline., conceptual layouts of the tank, necessary site improvements, proposed alignment of the pipelines including any looping and interconnecting opportunities, proposed demolition of the existing concrete tank foundation, budgetary-level construction costs estimate for the proposed improvements, preliminary project schedule, and list of permits. The Consultant shall submit three (3) copies of Draft PDR including an electronic copy (smart pdf) for District review. District comments on the Draft PDR shall be incorporated into a Final PDR. The Consultant shall submit to the District three (3) copies of the Final PDR including an electronic copy (smart pdf).

D. Environmental:

The preparation of environmental documentation shall follow California Environmental Quality Act (CEQA) Guidelines and shall include the following:

1. Complete Initial Study Checklist, review pertinent environmental records and technical reports.
 2. Assess environmental issues as they relate to the project including aesthetics, agricultural resources, air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, utilities and service systems, mandatory finding of significance. Determine and recommend mitigation measures if potentially significant adverse impacts are identified. Prepare Mitigation Monitoring or Reporting Plan.
 3. Complete a biological resources assessment (if required).
 4. Complete a cultural resources assessment (if required).
 5. Submit administrative draft mitigated negative declaration to the District for review and comment.
 6. Submit draft mitigated negative declaration (MND) to the District.
 7. Prepare Notice of Intent (NOI) to adopt the MND and file with Riverside County and the State Clearing House (SWRCB DDW requires Clearing House Approvals before issuing permit to operate).
 8. Attend the public meeting for adoption of the MND Log and record comments. Meeting shall be scheduled and coordinated with the District.
 9. Provide responses to comments received on the draft MND.
 10. File Notice of Determination (NOD) with Riverside County and the State Clearing House.
- **Deliverable:** Consultant shall prepare a Mitigated Negative Declaration for the project. Three (3) copies and one (1) electronic copy of the administrative draft and draft MND shall be submitted for review. District comments shall be incorporated and three (3) copies and one (1) electronic copy of the final MND shall be submitted. The final submittal shall include the NOI, MMRP, NOD, and public review comments.

E. Permit Compliance:

Consultant shall identify any permit requirements that will be required for the project and submit permit applications on the District's behalf to each permitting agency. Consultant shall incorporate comments from the Agencies and revise the Contract Documents as necessary.

Anticipated permits that the Consultant shall obtain for this project may include, but are not limited to, the following:

1. Air Quality Management District (AQMD) (Tank interior and exterior coatings).
2. County of Riverside – Public property encroachment permit.
3. California State Water Resources Control Board, Division of Drinking Water (SWRCB DDW) – Permit to Operate.
4. California State Water Resources Control Board – Compliance with the waste discharge permit and Storm Water Pollution Prevention Plan in accordance with the NPDES General Permit for Storm Water Discharges (Construction Activities).

F. Preparation of contract documents:

1. Consultant shall prepare Contract Bid Documents consisting of plans and specifications for the construction of the Noble Tank No. 2 and associated pipelines. The plans shall include mechanical, architectural, civil, electrical, instrumentation, and structural drawings. If required, traffic control plans will be the responsibility of the Contractor.
2. Contract Documents, detailed design plans and specifications, shall be prepared in accordance with the final preliminary design report, the District's Potable Water Master Plan, the District latest version of the Standards for the Furnishing of Materials and Construction of Water and Recycled Facilities and Preparation of Water System Plans (including updates in progress), and other applicable City and/or County Requirements. Consultant shall utilize District provided 'front-end' bidding documents and supplement the District provided technical specifications as required. Prepare complete specifications, including General Provisions (provided by the District), Special Requirements, Technical Specifications, Contract Documents (provided by the District), and detailed Bid Schedule.
3. Electrical service connection will be required for the tank (there is an existing 120V, 1 phase service at the existing Noble tank site); Consultant shall coordinate all activities with Southern California Edison regarding electrical service to obtain a final electrical plan of service approved for construction. The Final Contract Documents shall include the final approved plan of service upgrade, if necessary.
4. Coordinate design of security systems and SCADA systems with District.
5. Coordinate with all local utilities including Edison, Gas, telephone, Cable TV, and any other agencies for utility locations. All existing and proposed utilities shall be shown on plans. Secure approval of correct utility locations from utility companies via email or letter from each company. Locate, identify and show District facilities and appurtenances on the drawings, including waterlines, valves, fire hydrants, meters, and other appurtenances.
6. Pipeline drawings shall include a cover page with complete list of materials.

Pipeline drawings shall have plan and profile sheets along with details of each tie-in.

7. Provide detailed design calculations including hydraulic calculations, structural calculations.
8. Prepare a detailed itemized construction cost estimate.
9. Develop a refined time schedule of project milestones and construction completion sequence.
10. Prepare legal descriptions for any easements that may be necessary to accommodate proposed facilities and site vacation/dedication.
11. Provide the District with the final approved design in mylar and in digital format (smart pdf and AutoCAD).
12. As part of the proposal, consultant shall identify/list all anticipated design drawings.
13. Consultant shall submit contract documents to SWRCB DDW, for review at the 90% design level. Comments from all required agencies shall be incorporated into the 100% design submittal.

Deliverable – Consultant shall submit three (3) sets of the plans (both true half size and full size) and specifications and two (2) sets of the construction cost estimate and calculations at the 50%, 90% and 100% design levels. Consultant shall also provide additional sets to other agencies as required. Also, one (1) electronic copy of all documents shall be submitted along with the required hard copies at each design level. Comments from the 100% design submittal shall be incorporated into the final design submittal consisting of one set of mylars and specifications signed and sealed by a licensed civil engineer. One (1) set of the final cost estimate, calculations and design and specification files shall also be provided electronically (CAD, smart pdf, word, excel, and original formats on CD) to the District.

G. Surveying:

1. Consultant shall perform a field topographic survey of proposed pipeline alignments; tank site, sites to be abandoned/demolished and adjacent right-of-ways with 1-foot contours. The survey shall identify all existing easements, identify all street monumentation, surface features of the affected project areas, assessor parcel numbers, and verify locations of all existing underground utilities on or adjacent to the proposed site or sites. Consultant shall coordinate all potholing, if required, with District staff to ensure potholing activities are surveyed.

H. Geotechnical Report:

1. Provide a geotechnical investigation that addresses the tank site and pipelines. Geotechnical Report shall address all necessary design and construction issues including regional seismicity, seismic parameters, liquefaction, site preparation and earthwork, trenching, trench stability and excavation, shoring, backfill, suitability of

onsite materials for backfill, pavement section recommendations, soil bearing strength, groundwater conditions and dewatering, pipeline bedding requirements, R-values, sand equivalence, soil corrosivity, corrosion protection and control, etc. associated with the proposed facilities. Borings shall be provided at every 1,000 feet along the pipeline alignments and at the proposed tank site. For the pipeline, borings shall extend to a depth of at least 3 ft below the anticipated bottom of trench. For the tank site, anticipate a minimum of 5 borings of which at least 2 should extend to at least 40 ft depth or bedrock whichever comes first.

2. The specific requirements of the geotechnical report shall be coordinated with the structural engineer designing the steel tank and its foundation.

Deliverable: Consultant shall summarize results and recommendations into a report. Three (3) copies and one (1) electronic copy of the draft geotechnical report shall be submitted for review. District comments shall be incorporated and three (3) copies and one (1) electronic copy of the final geotechnical report shall be submitted.

I. Services during bidding:

Consultant shall perform the following bidding services:

1. Consultant shall attend the construction pre-bid meeting and respond contractor questions. Consultant shall prepare minutes of the meeting including all questions and responses. The minutes shall be issued as part of an addendum.
2. Consultant shall respond to any questions from the contractor during the bidding period.
3. Consultant shall prepare up to two (2) addenda and shall distribute same to the bidders.
4. Consultant shall attend bid opening and tabulate all bid results.
5. Consultant shall assist the District in bid evaluation, ensuring completeness of the bid, checking references and licenses, safety violations and other items on file with the Contractor's Licensing Board, and to recommend the lowest, responsive, responsible bidder as the construction contractor.

J. Services during Construction:

1. District intends to provide construction inspection on the pipeline and tank and shop drawing and submittal review on the pipeline and tank site facilities other than the tank itself. Consultant shall provide shop drawing review on the tank, which shall include design review including structural design review. District review payment requests and perform final inspection and file notice of completion with Riverside County.
2. Consultant shall respond to all RFIs.

3. Consultant shall prepare clarification sketches and change order drawings as required.
Consultant shall prepare cost estimates for change orders.

K. Project Close-out Services review pipeline RFP by JCR to get these tasks.

ATTACHMENTS

Attachment 1: BCVWD Boundaries and Sphere of Influence

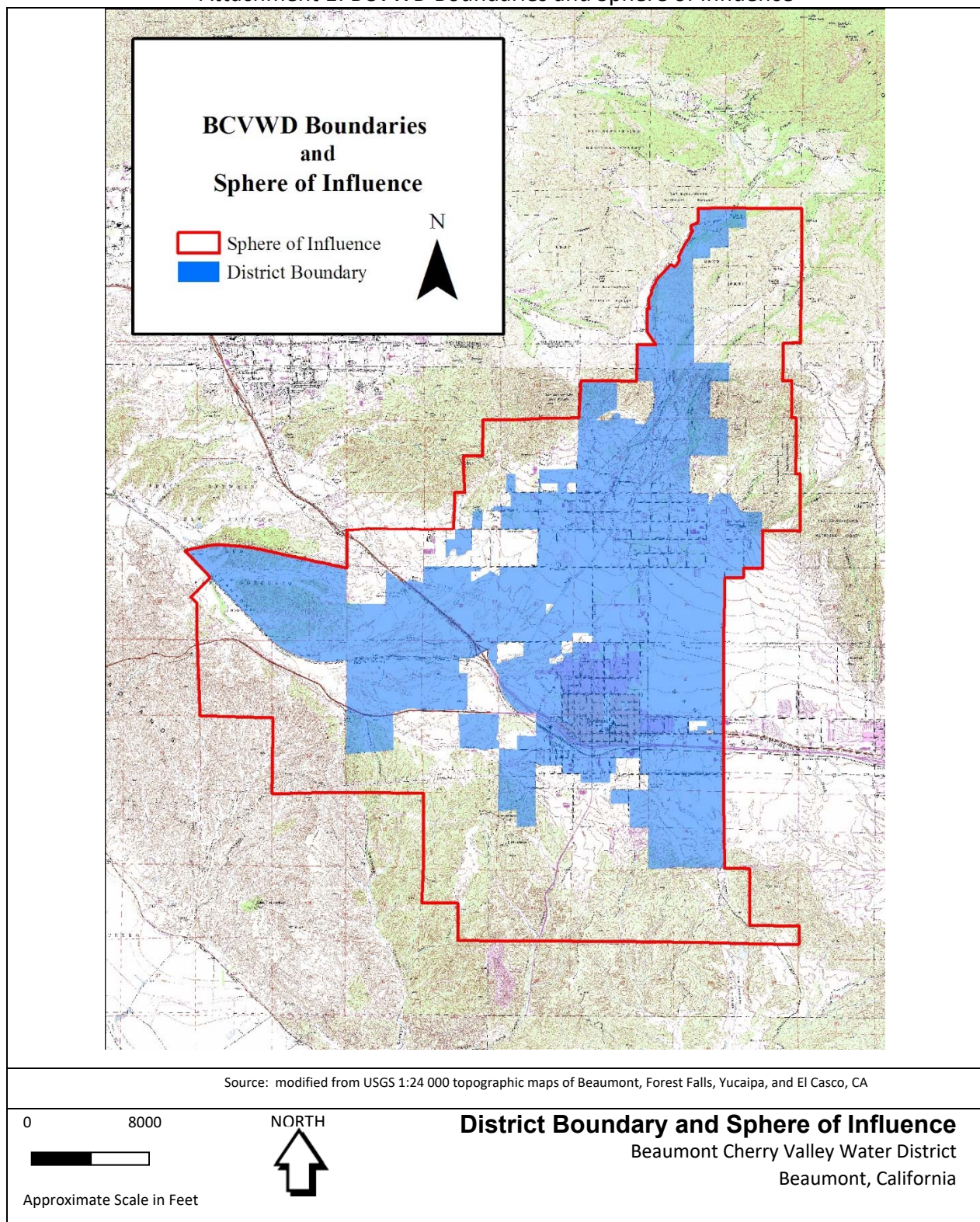


Figure 1: Tank and Pipeline Location Map

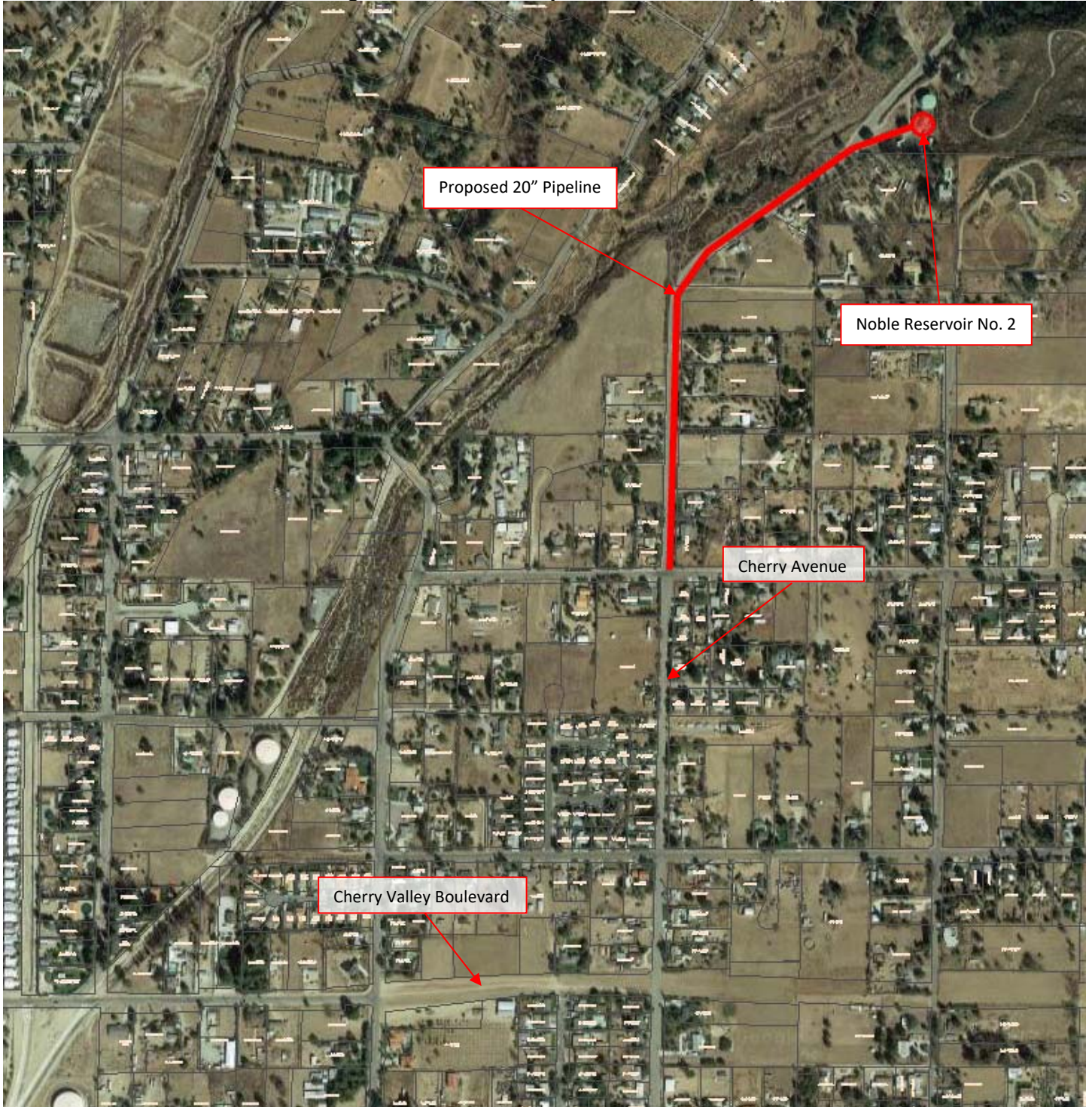


Figure 2: Noble Tank No. 2 Site Map

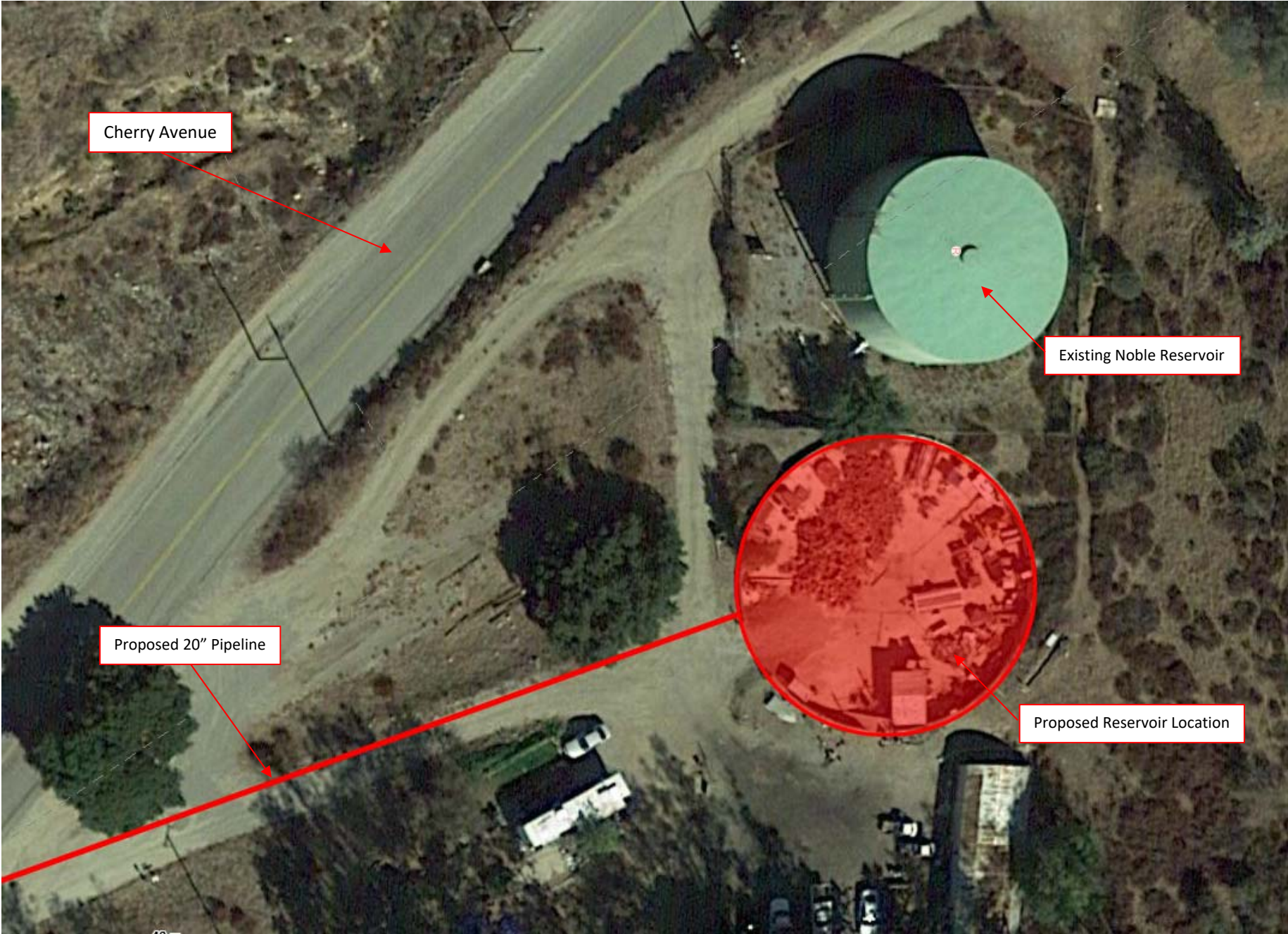
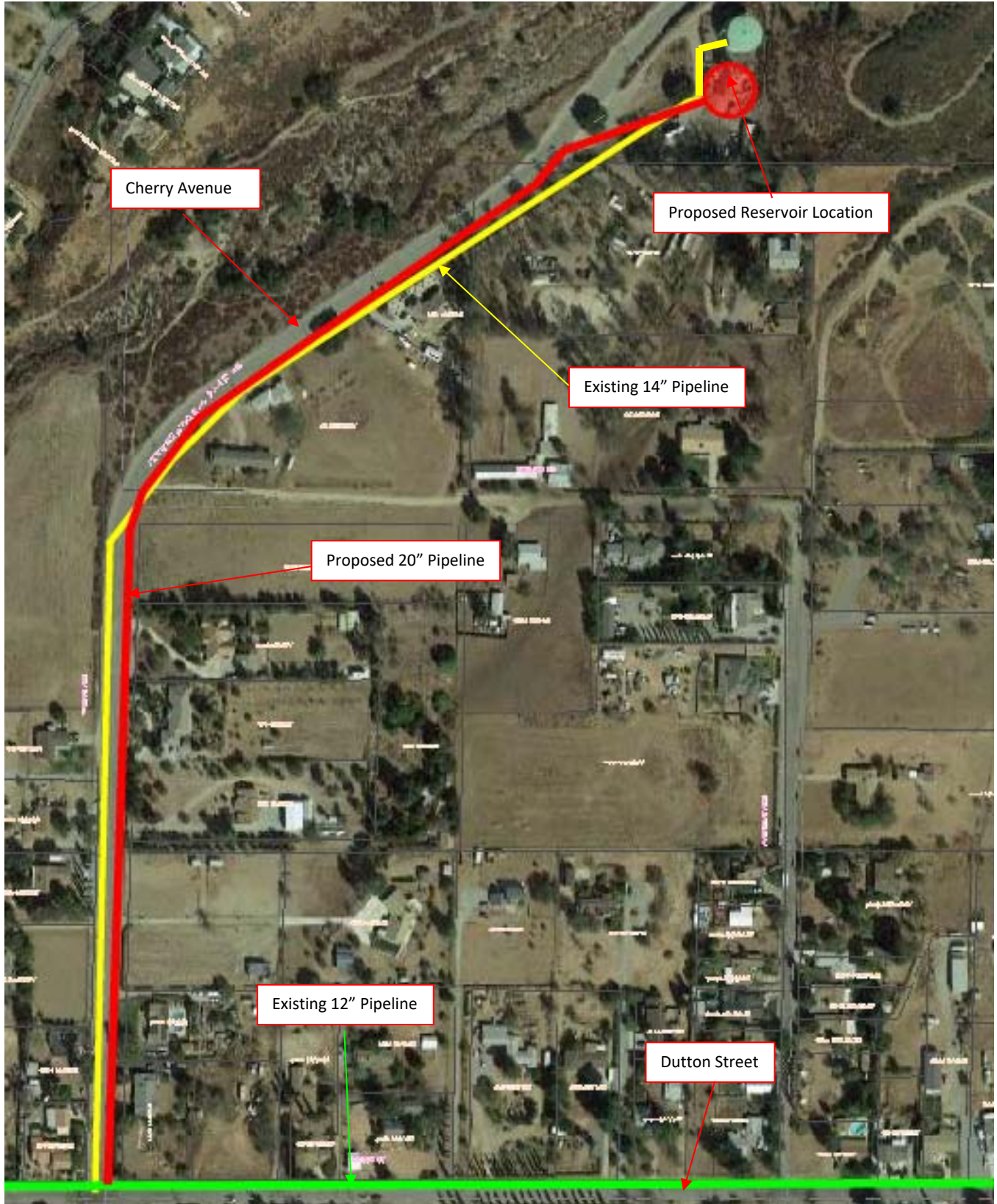


Figure 3: Noble Reservoir No. 2 Transmission Pipeline Map



EXHIBITS

EXHIBIT A: REFERENCES

Proposer shall provide a minimum of three (3) Client References for projects completed by the Proposer within last five (5) years. Local and similar size contract references are preferred.

REFERENCE #1	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	
REFERENCE #2	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	
REFERENCE #3	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	

REFERENCE #4	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	
REFERENCE #5	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	
REFERENCE #6	
NAME OF FIRM	
ADDRESS	
CITY, STATE, ZIP CODE	
TELEPHONE #	()
CONTACT and email	
PROJECT NAME	
COMPLETION DATE	
APPROX. COST	

EXHIBIT B: LIST OF SUBCONTRACTORS or SUBCONSULTANT

NAME	PURPOSE OR FUNCTION	ADDRESS AND PHONE NUMBER OF OFFICE,	PRINCIPAL CONTACT

EXHIBIT C: PROPOSER'S BUSINESS INFORMATION

All proposers shall submit the information as requested below.

1. Length of time your firm has been in business: _____

2. Length of time at current location: _____

3. List types and business license number(s): _____

4. : _____

5. Names and titles of all officers of the firm: _____

6. Is your firm a sole proprietorship doing business under a different name?
YES or NO

7. If yes, please indicate sole proprietorship name and the name you are doing
business under: _____

8. Please indicate your Federal Tax Number: _____

9. Is your firm incorporated? YES or NO

10. Name and remittance address that will appear on invoices: _____

11. Physical Address _____

EXHIBIT D: ADDITIONS, DELETIONS AND/OR EXCEPTIONS

Please state any and all Additions, Deletions and Exceptions that you are taking to any portion of this proposal. If not addressed below, then Beaumont-Cherry Valley Water District assumes that the vendor will adhere to all terms and conditions listed.

EXHIBIT E: STANDARD AGREEMENT

BLANK