



July 9, 2021

To: All Prospective Contractors

RE: IFB DRR21001 Bonzi Sanitation Landfill Closure Construction

**Addendum No. 4
To the Invitation for Bids (IFB), DRR21001**

1. Attached is a list of all businesses who have expressed an interest in the contract to date (Attachment 1).
2. CalRecycle is issuing Addendum No. 4 to respond to the following questions received during the Questions and Answers period.
3. Attached as part of Addendum No. 4 is the "TID Water & Power Irrigation Study Map Bonzi Sanitation Landfill" Turlock Irrigation District Map.

Question		Answer	
Q1	Bidder shall use Attachment 8 to provide the details of at a minimum of three (3) construction projects completed within the last five (5) years in which Bidder was a Prime Contractor and that involved the installation of a LLDPE or HDPE geomembrane liner for a project liner area minimum of 2 acres or more in size, and involved the installation of geomembrane liner on top of soil (i.e. construction of new landfill cells or closure caps, agricultural or wastewater treatment lagoons, tank farms, etc.) Can you please clarify the Following Qualifying Project Experience Statements – Attachment #8 – Does this apply to the General Contractor only?	A1	Yes. Please refer to IFB, Section 2, BID SUBMITTAL ITEMS AND DESCRIPTIONS, 2, Description of Bid Package Forms, Attachment 8, "Bidder shall use Attachment 8 to provide the details of at a minimum of three (3) construction projects completed within the last five (5) years_in which Bidder was a Prime Contractor..."

Question	Answer
<p>Q2 Liner Qualifications, ITEM 6 – QUALIFICATION CERTIFICATION</p> <p>Bidder certifies that Bidder or Liner subcontractor(s) and their employees have the qualifications as described below:</p> <p>INSTALLER (Company): Successfully installed a minimum of 10,000,000 square feet of welded polyethylene geomembrane with documented references.</p> <p>MASTER WELDER: Completed a minimum of 5,000,000 square feet of polyethylene geomembrane seaming work using the type of seaming apparatus proposed for use on this project.</p> <p>OTHER SEAMER'S QUALIFICATIONS: Seamed a minimum of 1,000,000 square feet of LLDPE geomembrane. Can Liner Subcontractor Qualifications be substituted for the General Contractor Qualifications?</p> <p>Can other qualifications, such as multiyear successfully completed contracts with Cal Recycle be substituted for the Attachment #8 Qualifications?</p>	<p>A2 No.</p> <p>Bidder must Certify to the qualifications listed in Attachment 2, ITEM 6, as being met by either the prime contractor (Bidder) or the liner subcontractor. Answer A1 above clarifies the Attachment 8 qualification requirements.</p>
<p>Q3 The current haul route for the landfill to the Borrow Area has a 680' portion that parallels an Almond Tree Orchard. Almonds are typically harvested In August/September.</p> <p>What constraint if any will the contractor need to practice prior to harvest? What constraints will the contractor experience during harvest? How long will harvest last?</p>	<p>A3 Personnel affiliated with the maintenance and monitoring of the landfill do not anticipate any potential conflict with the almond farmers on the adjacent properties during harvest. The contractor will need to coordinate the use of the shared portion of the soil haul route with other entities (if any). The duration of the almond harvest is typically from August through October.</p>

Question	Answer
<p>Q4 What volume of the Foundation Layer Soil in Bid Item #7 was figured for consolidation?</p> <p>Will the Foundation Layer Soil need to be screened to the size stated in Section 02222 Engineered Fill and Foundation Layer 02222.2.2.D "Maximum particle size of 1 inch"? If 90% compaction cannot be achieved on the Foundation Layer Soil because of the yielding trash below, will the engineer consider a method specification for compaction? (so many passes with a specific piece of equipment) ?</p>	<p>A4 Consolidation was not accounted for in the quantity of the Foundation Layer soil. The Foundation Layer soil shall be processed as necessary in order to meet the specifications in Section 02222.2.2. The site is an older shallow landfill containing a substantial amount of inert fill. Additionally, the State installed a minimum 2 feet interim soil cover in 2012 and the last waste placement operation was approximately 12 years ago. There should be limited consolidation of fill material. The bidder is responsible for accounting for consolidation in their bid. If 90% compaction cannot be achieved an alternative specification for compaction will be considered.</p>
<p>Q5 Since the site is a landfill with hazardous waste will the contractor be required to supply 40 hour trained employees per CFR 1910.120?</p>	<p>A5 This site was used for typical Class III municipal solid waste and the State has no knowledge of the site having received hazardous wastes. The State is not requiring 40-hour HAZWOPER training for this project and is not responsible for the contractor's health and safety on the project. All construction personnel need to have the appropriate training and knowledge for working in landfill environments subject to landfill gas exposure (and other hazards) as identified in the Contractor's site-specific health and safety plan (HASP).</p>
<p>Q6 Do any ARCB CARB equipment tier requirements exist for the contractor's equipment on this project?</p>	<p>A6 All requirements for regarding emissions from construction equipment will be in effect for this project. It will be the responsibility of the Contractor to check with the San Joaquin Valley Air Pollution Control District and comply with any requirements.</p>
<p>Q7 Section 01560 Temporary Controls 1.4.E states the requirement of "at least one mobile unit with a minimum capacity of 5,000 gallons shall be available at the site in operating condition for applying water at</p>	<p>A7 For the purpose of preparing the bid, the Contractor should plan for providing one or more water trucks with a total capacity that meets the minimum requirements. If during the project it is determined that a single water truck of a smaller capacity is sufficient</p>

Question	Answer
<p>the Site during construction.” The typical water truck capacity is 3,500 gallons.</p> <p>Does this mean that a minimum of two water trucks are required onsite at all times? Even during Liner deployment?</p>	<p>to meet the demand for dust control and moisture conditioning of the soil, then a single water truck of smaller capacity will be allowed.</p>
<p>Q8 Section 01560 Temporary Controls 1.5.C requires a SWPPP.</p> <p>Who is responsible for the NOI? NOT? storm water monitoring? storm water sampling? storm water reporting? and the annual reports?</p>	<p>A8 The Contractor will be responsible for preparation of the Stormwater Pollution Prevention Plan (SWPPP), obtaining the necessary stormwater-related construction permit, and providing any permit-required notifications to the State. Storm Water Permit requirements after the completion of the construction will revert to the State and the Bonzi Trust, and will not be the Contractor's responsibility.</p>
<p>Q9 Section 02229 Vegetative/Protective Cover - Section 02229.1.B “maximum particle size of 1 inch”.</p> <p>Does the designated borrow source material need to be screened to 1 inch minus to make this specification?</p> <p>Section 02229.2.1.E mentions “15% organic material by volume”</p> <p>Does this organic material exist in the designated borrow area?</p>	<p>A9 The Vegetative/Protective Cover soil shall be processed as necessary in order to meet the specifications in Section 02229.2.1. The design intent is for the Contractor to haul in the organic material. Strippings from the borrow area and landfill closure area may be used as organic material as long as the specifications asserted in Section 02229.2.1.E are met. If the quantity of on-site organic sources are insufficient then off-site material will need to be hauled in to meet the specifications in Section 02229.2.1.E.</p>
<p>Q10 Specification Section 02222 Engineered Fill and Foundation Layer & Specification Section 02229 Vegetative / Protective Cover Section 02222.1.4B & Section 02229.1.4.B require “a workplan for approval to protect, dismantle, salvage and reconstruct to landfill gas collection and flare system such that the system remains operational to the maximum extent possible during construction activities”.</p>	<p>A10 There are no specific requirements for the number of landfill gas (LFG) extraction wells that can be offline or nor the duration for a LFG extraction well-being offline. The contractor shall try to minimize the amount of incidences and duration for which a given number of LFG extraction wells will be taken offline. Shutdown of a portion or the complete LFG extraction wellfield will need to be addressed during the weekly construction meetings. The cost to remove, maintain and perform the required</p>

Question	Answer
At a minimum how many LFG wells are to remain in service at any one point in time? How long can the contractor leave any one well out of service? Where are the cost for remove, maintain, & replace the existing LFG system to be placed in the estimate?	modifications to the existing LFG extraction system is included in bid item 20 as stated in Section 01025.1.9.A.20.
Q11 Can the green waste generated from pruning the trees be left onsite -or- do they become the property of the contractor and need to be disposed as green waste?	A11 The chipped organic material generated from tree pruning may be used as chipped green waste in the top 6-inches of the vegetative/protective cover if it meets the specifications in Section 02229.2.1.E. If it is not used in the cover, the green waste can be stockpiled with the strippings in the borrow area as directed by CalRecycle Project Manager or in an approved alternate location.
Q12 Where are the cost for the 12" diameter ballast tube to be placed in the proposal?	A12 The cost for the 12" diameter ballast tube is provided in the Measurement and Payment Section 01025.1.9.A.9 of the Technical specifications.
Q13 15% organics in the top 6" of Vegetative Material Layer totals near 7,000cy of organics. If this material does not exist onsite does the contract owner know of a local pre-approved source? If not does a specification exist for what would be approved organics?	A13 The design intent is for the Contractor to haul in the organic material. Chipped wood waste from tree removal and pruning and/or strippings may be used as organic material if they meet the specifications in Section 02229.2.1.E. If on-site organic sources do not provide sufficient quantities of material, then off-site material will need to be hauled in to meet the specifications in Section 02229.2.1.E. The offsite organic material source shall be approved by the Construction Quality Assurance (CQA) Engineer.
Q14 In what Bid Item do we place the cost to finish grade the borrow area as shown on Sheet C04?	A14 The cost for grading the borrow area are captured in the measurement and payment Section 01025.1.9.A.7 and 01025.1.9.A.11 in the Technical Specifications. The two bid items that capture the cost of grading the borrow area are in bid item 7 and 11.

Question	Answer
<p>Q15 Sheet C12 Landfill Gas Well Extension. Detail 8 shows a 6" SCH80 PVC Casing. Detail 9 does not show this casing.</p> <p>For extending the LFG well are you wanting the contractor to insert a 2' to 3' long piece of 4" diameter HDPE Pipe with two electro fusion couples? Please advise?</p>	<p>A15 The contractor shall extend the existing 6" SCH80 PVC casing and the 4" HDPE pipe to accommodate construction of the cover at each well. Detail 9 only shows the pipe boot to the 6" SCH80 PVC casing. Refer to Section 02781.3.3 for specifications regarding well casing extensions.</p>
<p>Q16 Sheet C11 Detail B shows a fence on the right hand side of the detail.</p> <p>Sheet C06 "Proposed Fencing Plan" does not show a fence in this area. Please Advise?</p>	<p>A16 There should not be a fence shown on the right-hand side of Section B on sheet C11. The fencing plan on sheet C06 is correct.</p>
<p>Q17 Would CalRecycle allow PYRAMAT® 75 as an alternative to bid item #14 geocell? (attachment included in email question)</p>	<p>A17 For the purposes of bid preparation, the Contractor should plan on the use of geocell.</p>
<p>Q18 Please verify the "Total Approximate Volume of Borrow Area" shown on C04</p>	<p>A18 The borrow area grading plan shows the total volume of soil available from the borrow (» 387,000 cubic yards) which is in excess of the volume needed (» 158,000 cubic yards). The quantity shown on C04 refers to the amount of soil needed for the foundation layer and vegetative/protective cover layer after the excavated soil from the Stormwater Retention Basin 2 (87,200 cubic yards) area has been placed.</p>
<p>Q19 How is the Borrow Area to be left should the quantity of fill for the Foundation and Vegetative layers not require the total area or depth of the Borrow Area be excavated to the grades shown on the plans? Does Calrecycle want the Contractor to stockpile additional material?</p>	<p>A19 The borrow area will not need to be graded to the surface shown on C04, this surface is just a guideline for rough grades and for illustration of the soil capacity of the borrow. The borrow area should only be graded to supply the amount of material needed for the cover system. The borrow area should be graded to have a flat slope on the floor and 3:1 sideslopes. The contractor shall not excavate beyond the depth of the surface shown on C04.</p>

Question	Answer
<p>Q20 Does the payment for Bid Item 14 – Geocell Flood Control Armor and Bid Item 25 Geocell Lined Channel and Spillway, include payment for the Drainage Gravel? Or does Bid Item 15 – Drainage Gravel include the quantity of Drainage Gravel for the Geocell construction of Bid Items 14 and 25? The bid item descriptions in Attachment 1 sheets 28 and 30 do not clearly state where the drainage gravel will be paid for Geocell work.</p>	<p>A20 No, the drainage gravel is a separate bid item. Refer to Measurement and Payment Section 01025.1.9.A.15 in the Technical Specifications. Bid Item 15 – Drainage Gravel includes the quantity for the Geocell construction of Bid Item 14 - Geocell Flood Control Armor. Bid item 25 - Geocell Lined Channel and Spillway is not filled with drainage gravel, it is filled with foundation layer material. Refer to sections G and H in the Construction Drawings.</p>
<p>Q21 Please show plan view detail of the 24" HDPE pipe culvert area shown in Detail D shown on C12. Please show horizontal limits of Rock Slope Protection.</p>	<p>A21 The rock slope protection shall be 5' wide total (1.5' wide on either side of the 24" pipe) at both the culvert inlet and outlet.</p>
<p>Q22 Is the LLDPE to installed on the Landfill and within the Retention Basin to be 60 Mil or 40 Mil? Plans state that it is 40 Mil while Spec Section 02774 states that it is a 60-mil.</p>	<p>A22 The Linear Low Density Polyethylene (LLDPE) to be installed on the landfill and in the second stormwater retention basin should be of 40-mil thickness. The error in the Technical Specifications will be corrected.</p>
<p>Q23 If there is not enough construction water in the existing basis - Who is the agency we contact for use of the hydrant out on Hatch road? What is the GPM on the source? Who is our contact at the district?</p>	<p>A23 The Turlock Irrigation District can provide dust control water to supplement the treatment pond water available at the landfill site. The water can be provided through a canal labeled Lateral 1 on the attached Turlock Irrigation District Map. There is a sump location on Lateral 1 at the southern end of the adjacent Whitmore Property (the same parcel with the soil borrow source) that is accessible from the project site without crossing a public road. The contractor would be responsible for pumping the water. If a drop stand is to be used, it should be placed on the Whitmore property just outside of the TID easement. TID has an overhead power line along the canal bank, so an overhead tank would need to maintain safe clearance from the electric lines. Water will be provided at a fixed</p>

Question	Answer
	<p>charge of \$8265.40, to be paid by the contractor through the contract. Please do not contact the Turlock Irrigation District directly prior to the bid opening for additional details. The selected contractor can make arrangements for the water supply after a contract is awarded.</p> <p>Additionally, there is an existing ID 07690 36" unreinforced cast in place concrete pipeline under the haul road between the borrow site and the landfill. The schematic location is also shown on the Turlock Irrigation District Map. This pipe will need to be protected in place by the contractor during the earthmoving operation.</p> <p>Please see attached "TID Water & Power Irrigation Study Map Bonzi Sanitation Landfill" Turlock Irrigation District Map</p>
Q24 Can the soil from the basin and the borrow area be used both for the foundation layer and vegetative/ Protective cover layer without any blending or special handling or mixing?	A24 The soil from the basin and borrow area shall meet the specifications in Section 02222 (Technical Specifications) for the foundation layer and 02229 for the vegetative/protective cover. The top 6" of the vegetative/protective cover layer will need to be mixed with an organic material to be comprised of 15% organic material as stated in Section 02229.2.1.E.
Q25 Based on the current spec and pay items the excavation is to be paid in the fill. What percentage do you want the contractor to use for subsidence since we are working on a landfill?	A25 See response to Q4.
Q26 Will CalRecycle be providing security for the project (temp fencing/guards etc.) due to the nature of the area?	A26 CalRecycle will not be providing security for the project site. Site security will be the responsibility of the Contractor.

Question	Answer
Q27 Section 4.5 of the Engineered Fill Placement discusses fill keys. Where do these get paid?	A27 Section 4.5 of the Engineered Fill Specification does not exist. Keyways are not applicable to this project.
Q28 The hydrant out on Hatch road? What is the GPM on the source? Who is our contact at the district?	A28 See response to Q23.
Q29 The foundation layer spec calls out 2" minus or protrusions greater than 0.5 in. Does the material need to be screened to meet the spec?	A29 The maximum particle size for the foundation layer is 1-inch per Section 02222.3.3. of the Technical Specifications. The foundation layer shall be processed as necessary in order to meet the specifications in Section 02222.3.3.
Q30 Another question is, where are the stripping's to be stockpiled? Specification Section 02110 Clearing and Stripping 3.2 D. states that "Transport and place all materials in the designated stockpile location as directed by CalRecycle, and in accordance with Section 02221."	A30 CalRecycle is directing the contractor to stockpile the strippings that are not being used in the cover in the borrow area or an approved alternate location within the property.
Q31 Will there be drivable access on the hydroseed area?	A31 The contractor will not be allowed to drive equipment on completed areas. Hand seed where hydroseeding is impractical or is inaccessible to equipment. Refer to Section 02936.3.3 of the Technical Specifications for additional application requirements and procedures.
Sam is the Riverdale's Water System Operator. Sam's cell is (209) 406-6069. When I just spoke to Sam he confirmed that the closest hydrant to the project did belong to the Riverdale Water System. Sam has great concerns for the amount of water we may need for dust control & grading compaction. Sam would like someone to attend a Riverdale Water System Board Meeting this coming Thursday to discuss the project with the board members. Sam is concerned that the amount of water required will over tax the existing system this time of year.	See response to Q23.

All other terms, conditions, and requirements of this IFB remain the same.

For questions related to this solicitation, please contact me by e-mail at
contracts@calrecycle.ca.gov

{Original signed by}

Jennifer Bannon
Contract Analyst
Administrative Services Branch

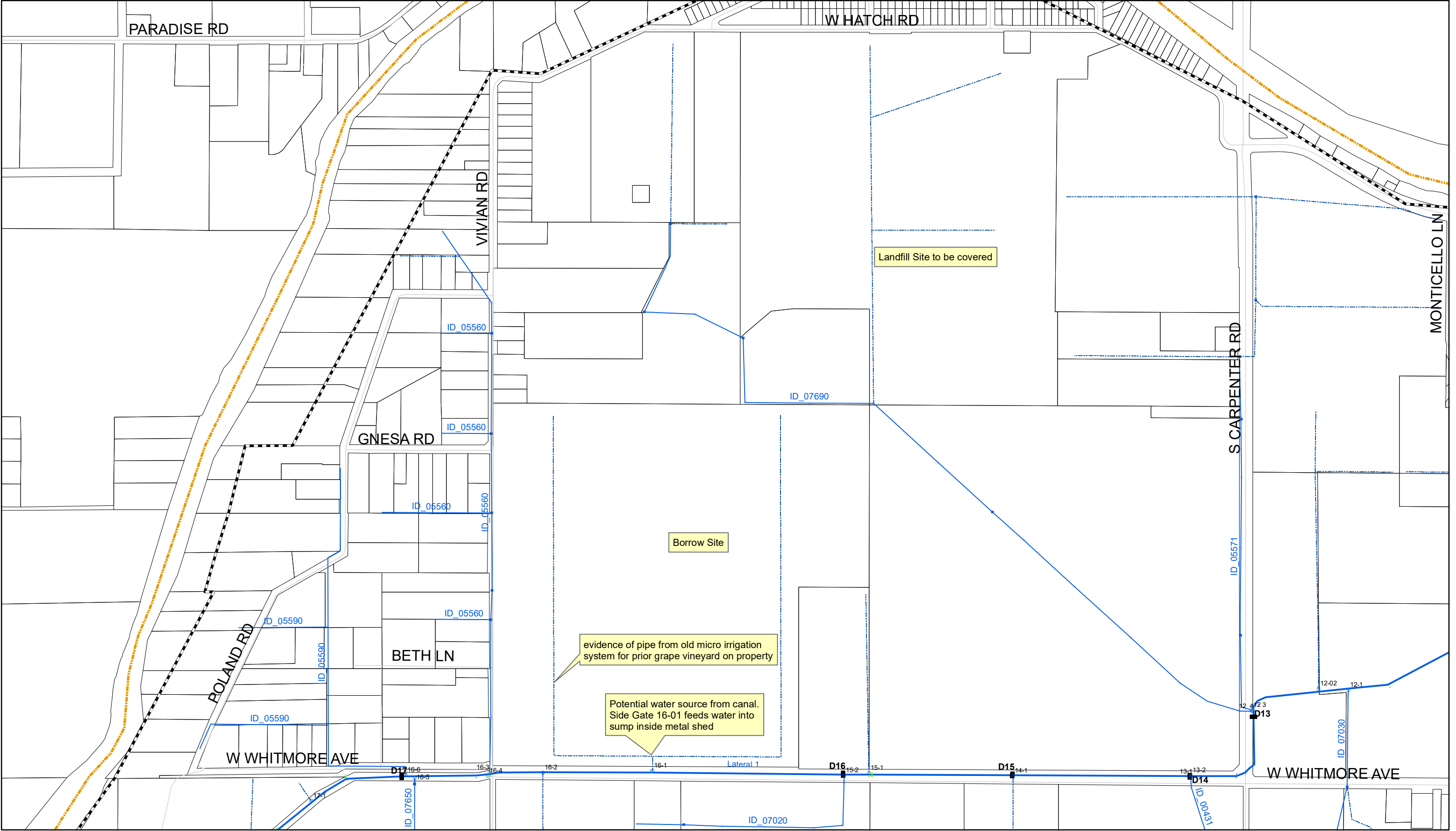
Interested Parties Listing for IFB DRR21001

CalRecycle has not confirmed the certification status of firms who have identified themselves as CA Certified Small Business (SB) or Disabled Veterans Business Enterprise (DVBE).

Contact Name	Company	Address	City	State	Zip	Email	SB	DV BE	Business Description	Prime Interest	Sub-Contract or Interest
Mario Garza	D&E Construction	14175 Ave 344	Visalia	CA	93292	mario@deconst.net	No	No	Liner	No	Yes
Matt Dwyer	ERRG, Inc.	9727 Business Park Drive, Suite A	Sacramento	CA	95827	matthew.dwyer@errg.com	No	No	Prime Contractor for the Landfill Closure project	Yes	No
Jerry Middleton	Ford Construction	300 W. Pine Street	Lodi	CA	95240	est@ford-construction.com	No	No	General Contractor	Yes	No
Jerry Middleton	Ford Construction Company	300 W. Pine Street	Lodi	CA	95240	est@ford-construction.com	No	No	Prime Contractor	Yes	No
Suzanne Grix	Forgen, LLC	6558 Lonetree Blvd	Rocklin	CA	95765	sgrix@forgen.com	No	No	Prime contractor	Yes	No
Suzanne Grix	Forgen, LLC	6558 Lonetree Blvd	Rocklin	CA	95765	sgrix@forgen.com	No	No		Yes	No

Contact Name	Company	Address	City	State	Zip	Email	SB	DV BE	Business Description	Prime Interest	Sub-Contract or Interest
Tyler Hinz	Grassroots Erosion Control	7310 Hwy 49	Lotus	CA	95651	tyler@grassrootserosion.com	Yes #20 056 38	Yes #20 056 38	DVBE Subcontractor for Erosion control applications, Hydroseeding, BMP, Street Sweeping, etc.	No	Yes
Keith Donahue	Pacific States	11555 Dublin Blvd	DUBLIN	CA	94568	kdonahue@pacificstates.net	No	No	General Contractor - Earthwork	Yes	No
Pete Timmerman	Pacific States Environmental Contractors, Inc.	11555 Dublin Blvd	Dublin	CA	94568	ptimmerman@pacificstates.net	No	No	Prime Contractor	Yes	No
Jason PAPICH	Papich Construction Company inc	398 Sunrise Terrace	Arroyo Grande	CA	93420	jason@papichconstruction.com	No	No	General Contractor	Yes	No
Estimating Department	Pronesti Environmental Inc.	6301 Angelo Court, Suite 10	Loomis	CA	95650	estimating@pronestienviro.com	No	No	Hydroseeding, Fiber Rolls	No	Yes

Contact Name	Company	Address	City	State	Zip	Email	SB	DV BE	Business Description	Prime Interest	Sub-Contract or Interest
Mike Blumenstein	Reed & Graham	3121 Evergreen Ave Suite 140	West Sacramento	CA	95691	mblumenstein@rginc.com	No	No		No	No
Nathan Rinaldi	Teichert Construction	5771 S Toyota Ave	Fresno	CA	93725	estimating@teichert.com	No	No	Excavation and Subgrade Preparation	Yes	No
Victoria Ferguson	Valley Builders Exchange	1118 Kansas Ave	Modesto	CA	95351	vmorad@valleybx.com	No	No		No	No
Victoria Ferguson	Valley Builders Exchange, Inc.	1118 Kansas Avenue	Modesto	CA	95351	vmorad@valleybx.com	No	No	Builders Exchange - Please notify us of any addendums/updates to project	No	No
Tim Smith	Wood Bros Inc	PO Box 216	Lemoore	CA	93245	tims@woodbrosinc.com	No	No	General Contractor	Yes	No



Legend

- District Private Pipelines
- District ID Pipelines
- canalcenter
- abandonpipeline



**Irrigation Study Map
Bonzi Sanitation Landfill**

