ADDENDUM NO. 2
TO THE

4S Ranch Neighborhood 1 Sewer Pump Station Replacement Project
For Olivenhain Municipal Water District

December 22, 2021

The following addendum shall be made part of the Bidding Opportunity. **The deadline for submitting proposals REMAINS UNCHANGED at 2:00 p.m. Thursday, January 13, 2022 at 1966 Olivenhain Road, Encinitas, CA 92024.**

ADDENDUM SECTION 1 – BIDDING QUESTIONS

1. Q: Regarding Section 15610 2.1 Flow Meters: On tag# FE/FIT-100, Ceramic materials are not available on meters past 6 inches. Can Toshiba be named as a supplier utilizing Teflon liner as well as Hastelloy-C for the electrodes?
   A: Refer to the Amended Section 15610 Flow Meters. As 'or equals', subject to OMWD approval are allowed per Specification Section 15610.2.1A, please submit an 'or equal' through the contractor via the standard submittal procedure.

2. Q: Would you accept ABS-Sulzer as an 'or equal' for the dry-pit submersibles required in Specification Section 11060?
   A: As 'or equals', subject to OMWD approval are allowed per Specification Section 11060.2.2N, please submit an 'or equal' through the contractor via the standard submittal procedure.

3. Q: Can you please provide the performance requirements for the pumps required in section 11600 (submersible pumps and submersible conditioning pump). Even though you have listed manufacturers for both, things like flow rate, discharge pressure, etc. would be very helpful in bidding these.
   A: Refer to the Amended Section 11600 Submersible Pumps and Motors.

ADDENDUM SECTION 2 – REVISIONS

1. Section 15610 Flow Meters – **REMOVE**
   REPLACE with Section 15610 Flow Meters – Amended

2. Section 11600 Submersible Pumps and Motors – **REMOVE**
   REPLACE with Section 11600 Submersible Pumps and Motors – Amended

3. **ADD** Pre-Bid Meeting Agenda/Minutes and Attendance Sheet

END OF ADDENDUM NO. 2

Attachments: Section 15610 Flow Meters – Amended
Section 11600 Submersible Pumps and Motors – Amended
Pre-Bid Meeting Agenda/Minutes and Attendance Sheet

APPROVED:
OLIVENHAIN MUNICIPAL WATER DISTRICT

Jason P. Hubbard, P.E.
Engineering Manager

SECTION 15610 – FLOW METERS – AMENDED

PART 1 – GENERAL

1.1 SECTION INCLUDES

This section includes materials, testing, and installation of flow meters, totalizers, indicators, and transmitters. All flow meters must be suitable for use in sewage systems.

1.2 RELATED WORK SPECIFIED ELSEWHERE

A. Section 01300 – Record Drawings and Submittals

B. Section 09900 – Painting and Coating

1.3 REFERENCE SPECIFICATIONS, CODES, AND STANDARDS

A. Except as otherwise indicated, the current edition of the following standard applies to the Work of this section.

1. ANSI B16.5 Pipe Flanges and Flanged Fittings, Class 150 only

1.4 QUALITY CONTROL

A. Manufacturer shall provide a two-year warranty on defective workmanship or materials.

1.5 CONTRACTOR SUBMITTALS

A. The Contractor shall furnish submittals in accordance with the requirements of Section 01300. The following submittals are required:

1. Submit Shop Drawings, manufacturer's catalog data certificate of warranty, and detailed construction sheets showing all flow meter parts and describing material of construction by material and specification. Submittal shall include meter dimensions and orientation.

2. Submit certified factory test results, installation instructions, and three (3) sets of operation and maintenance manuals.

PART 2 - MATERIALS

2.1 FLOW METERS

A. Manufacturer: The meter shall be Model FM 656 Tigermag EP as manufactured by Sparling Instruments, or Owner approved equal.

B. Electrodes: Electrodes shall be constructed of 316 SS or Hastelloy C. Sensor shall be suitable for sewage applications.

C. Sensor Cable: The sensor cable shall be a multi-conductor, abrasive resistant, polyurethane jacketed cable flexible to -40°F. The sensor cable shall be permanently bonded to the sensor.

D. The transmitter shall be remote mounted. Transmitter Enclosure: NEMA 4X

E. Pressure/Temperature Limits: -40 to 180°F

F. The flow meter shall operate at pressures up to 300 psi.

G. Power Requirements: 77 - 265 Vac 50/60 Hz

H. The meter shall have flanged connections conforming to ANSI B16.5, Class 150.

2.2 PAINTING AND COATING

A. The interior of the flow sensor shall be FEP lined.

B. The exterior of the flow meter shall be painted in accordance with Section 09900.

PART 3 – EXECUTION

3.1 INSTALLATION

A. The flow meter shall be inspected by the Construction Manager prior to installation. If in the opinion of the Construction Manager there is any damage to the flow meter including interior lining, then the flow meter shall be rejected and replaced at no cost to the Owner.

B. Install flow meters in accordance with all manufacturer's instructions.

****END OF SECTION****

SECTION 11600 – SUBMERSIBLE PUMPS AND MOTORS – AMENDED

PART 1 – GENERAL

1.1 DESCRIPTION

This section includes all labor, material, tools, incidentals, and equipment necessary to furnish and install submersible non-clog pumps and motors as specified herein and as shown on the Contract Drawings.

1.2 RELATED WORK SPECIFIED ELSEWHERE

A. Section 01300 – Submittals

B. Section 01730 – Operation and Maintenance Data

C. Section 09900 – Painting and Coating

D. Section 11000 – Equipment General Provisions

E. Section 15000 – Piping Components

1.3 REFERENCE SPECIFICATIONS, CODE AND STANDARDS

A. Except as otherwise indicated, the current editions of the following standards apply to the work of this Section:

1.	ANSI/ASME B16.1	Cast Iron Pipe Flanges and Flanged Fittings, Class 25, 125, 250, and 800
2.	ANSI/ASME B16.5	Pipe Flanges and Flanged Fittings Dimensions
3.	ANSI/IEEE 112	Test Procedure for Polyphase Induction Motors and Generators
4.	ANSI/IEEE 115	Test Procedure for Synchronous Machines
5.	ANSI/NEMA MG 1	Motor and Generator
6.	ANSI/NEMA MG 12.53	Motor Testing
7.	ASTM A278	Gray Iron Castings for Pressure-Containing Parts for Temperatures Up to 650^{o}F
8.	ASTM A395	Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures
9.	ASTM B62	Composition Bronze or Ounce Metal Castings
10.	ASTM B584	Copper Alloy Sand Castings for General Applications

11. Hydraulic Institute, Inc. (HI) Test Code for Centrifugal Pumps

1.4 SUBMITTALS

A. The following shop drawings and data for all pumps and motors shall be submitted in accordance with Section 01300:

1. Name of manufacturer and type or model. Submit manufacturer's catalog data, dimensions, and materials of construction by ASTM reference and grade and information on linings and coatings.

2. Pump performance curves showing head, capacity, horsepower demand, net positive suction head required, and pump efficiency over the entire operating range of the pump. Pump manufacturer shall indicate the design operating conditions and requirements on the performance curves. The performance curves shall cover maximum diameter, rated and minimum diameter impellers. All performance curves shall show the limits of operation without cavitation or excessive vibration.

3. Manufacturer's catalog data shall include dimensions, motor weight, nominal horsepower, NEMA design, enclosures, frame size, winding insulation class, voltage, phase, and frequency ratings, service factor, full load current at rated horsepower for application voltage, full load speed, minimum full load efficiency, nominal efficiencies at ½ and ¾ loads, power factor at ½, ¾, and full load, and bearing data with recommended lubricants if applicable.

4. Outline drawings showing pump, motor and couplings.

5. Complete electrical schematic diagrams.

6. Installation and check out instructions including leveling, alignment, grouting, lubrication, and initial start up procedures.

7. Wiring, control schematics, and control logic diagrams.

8. The Contractor shall submit signed, dated, and certified factory test data for each pump system prior to shipment of equipment showing that the equipment is in compliance with the Contract Documents.

9. Manufacturer's certification of proper installation shall be submitted.

10. Contractor's certification of satisfactory field testing shall be submitted.

B. Operation and maintenance information shall be submitted on all pumps in accordance with Section 01730.

1.5 QUALITY ASSURANCE

A. The pumps shall be new and of current manufacture. No pump shall be purchased for use on the project prior to the return of approved shop drawings submitted by the Contractor pursuant to the provisions of Section 01300.

B. The Contractor shall be responsible for the satisfactory operation of the pumping units under the specified operating conditions, and all necessary propellers, baffles, vanes, and appurtenances furnished with the pumping units.

C. The pump manufacturer shall be responsible for all components and for the satisfactory installation and operation for a completely assembled unit, including the motor and pump.

PART 2 – MATERIALS

2.1 GENERAL

A. The pump manufacturer shall be responsible for all components and for the satisfactory installation and operation for a completely assembled unit, including the pump, motor and any driven machinery. All components of each pump system provided shall be entirely compatible. Each pumping system shall include all mechanisms, couplings, motors, controls, mountings, appurtenances, and all other items necessary for a complete and operable pumping system in accordance with the Contract Documents.

B. Unless otherwise indicated, the pump and motor shall be provided as one unit from a single manufacturer. Where two or more pump systems of the same type, size, and operating points are required, the systems shall be identical and provided by the same manufacturer. The supplier shall examine the site conditions, intended applications, and operation of the pumping system to verify that the pumping system satisfies the requirements set forth in the Contract Documents.

C. The required horsepower at any point on the specified operating points shall not exceed the rated nameplate horsepower of the motor or engine.

D. The pump rated and normal flows shall straddle the pumps best efficiency point (BEP).

E. All pumps and motors shall be equipped with type 316 stainless steel nameplates indicating serial numbers, manufacturer's name and model number. Nameplates for pumps shall also contain rated head and flow, impeller size, and pump speed. Nameplates for motors shall be engraved with NEMA Standard motor data in conformance with NEMA MG-1-10.40.

F. All equipment weighing 265 pounds or more shall have suitable lifting eyes for installation and removal.

G. All single phase 120, 208, 230 V motors shall have integral thermal overload protection or shall be inherently current limited.

H. All motors greater than 2 hp shall have bearings designed for a minimum rated L-10 life of 10 years or 100,000 hours, whichever comes first. Horizontal motors larger than 2 hp shall be furnished with re-lubricatable ball bearings. Vertical motors larger than 2 hp shall be furnished with re-lubricatable ball, spherical, roller, or plate type thrust bearings. Lubrication shall be per manufacturer's recommendation for smooth operation and long life of the bearings. If water cooling is required for the thrust bearings, cooling water lines shall be provided complete with shut-off valve, strainer, solenoid valve, flow indicator, thermometer, throttling valve and, where subject to freezing, insulation with heat tracing.

I. All motors shall have a temperature switch with normally closed contact. Switch leads can be in the same connection box as the power leads.

2.2 SUBMERSIBLE SUMP PUMP AND MOTOR

A. The Contractor shall provide and install submersible sump chopper pumps with enclosed, submersible electric motors and all appurtenances, controls, control panels, complete and operable, in accordance with the Contract Documents.

B. Construction of sump chopper pumps shall conform to the following requirements:

1. Pump casing: Cast iron

2. Impeller: Ductile iron or bronze

3. Bearings: Permanently lubricated ball and sleeve type

4. Shaft: Stainless Steel

5. Seal: Mechanical, carbon/ceramic

6. Pumps: Lined and coated in accordance with Section 09900

7. Service: Wastewater

8. Pump Operating Conditions: 34 GPM @ 20 feet TDH

C. Bearings and Lubrication: Bearings shall be capable of carrying all radial and axial loads imposed by the pump and motor and shall be rated to provide a minimum bearing life of 25,000 hours at any design operating point within the allowable operating region. Bearings shall be permanently and continuously lubricated.

D. Shaft Seals: For motor frame size 180 and above, the inner mechanical seal shall be constructed with a solid block carbon rotating seal face and a solid block silicon carbide stationary seal face. The outer mechanical seal shall be constructed with a solid block silicon carbide rotating seal face and a solid block silicon carbide stationary face. All metal components of the inner and outer seals shall be stainless steel.

E. Pump: The impeller shall be non-clog vortex, open design and shall have large passages to provide smooth flow transition and unimpeded passage of large spherical solids. Solids passing capability of the impeller offered shall be clearly indicated on the manufacturer's performance curve. The pump shall be capable of passing ½" spherical solids.

F. The motors shall be enclosed, suitable for submerged conditions with armored cable and thermal overload protection conforming to the following requirements:

1. Volts: 480

2. Phase: 3

3. Hertz: 60

4. Horsepower: 2

5. Close-grained cast iron, ASTM A-48, Class 30 or better

G. Manufacturers, or approved equal.

1. Zoeller.

H. Control Panel

1. The Pump manufacturer shall provide a package pumping system including a local control panel.

2. The control panel shall be designed for duplex pump operation in a lead-lag sequence. See drawings for configuration of piping, valves, gages, and appurtenances.

3. The PLC control panel shall be in a NEMA 4X UL Listed wall mounted enclosure. The enclosure shall be mounted near the sump as shown on the Contract Drawings.

4. The level monitoring system shall be designed for wastewater service. The system shall have four (4) switches with weights and stainless steel brackets.

5. The control panel shall connect to the station PLC and the District's SCADA system and provide the same remote monitoring functionality as is available locally at the control panel.

6. See Control Description in Paragraph 3.3.

2.3 SUBMERSIBLE CONDITIONING PUMP AND MOTOR

A. The Contractor shall provide and install a submersible conditioning chopper pumps with enclosed, submersible electric motors and all appurtenances, controls, control panels, complete and operable, in accordance with the Contract Documents.

B. Construction of conditioning pump shall conform to the following requirements:

1. Casing: Shall be of volute design, spiraling outward to the Class 125 flanged centerline discharge. Casing shall be ductile cast iron with all water passages to be smooth, and free of blowholes and imperfections for good flow characteristics. Casing shall include a replaceable Rockwell C 60 alloy steel cutter to cut against the rotating impeller pump-out vanes for removing fiber and debris.

2. Impeller: Shall be semi-open type with pump out vanes to reduce seal area pressure. Chopping/maceration of materials shall be accomplished by the action of the cupped and sharpened leading edges of the impeller blades moving across the cutter bar at the intake openings, with a set clearance between the impeller and cutter bar of 0.015-0.025” cold. Impeller shall be cast alloy steel heat treated to minimum Rockwell C 60 and dynamically balanced. The impeller shall be keyed to the shaft and shall have no axial adjustments and no set screws.

3. Cutter Bar Plate: Shall be recessed into the pump casing and shall contain at least 2 shear bars extending diametrically across the intake opening to within 0.010-0.030” of the rotating cutter nut tooth, for the purpose of preventing intake opening blockage and wrapping of debris at the shaft area. Chopper pumps utilizing individually mounted shear bars shall not be acceptable. Cutter bar shall be alloy steel heat-treated to minimum Rockwell C 60.

4. Cutter Nut: The impeller shall be secured to the shaft using a cutter nut, designed to cut stringy materials and prevent binding using a raised, rotating cutter tooth. The cutter nut shall be cast alloy steel heat treated to minimum Rockwell C 60.

5. Upper Cutter: Shall be threaded into the casing or back pull-out adapter plate behind the impeller, designed to cut against the pump-out vanes and the impeller hub, reducing and removing stringy materials from the mechanical seal area. Upper cutter shall be cast alloy steel heat treated to minimum Rockwell C 60. The upper cutter teeth are positioned as closely as possible to the center of shaft rotation to minimize cutting torque and nuisance motor tripping. The ratio of upper cutter cutting diameter to shaft diameter in the upper cutter area of the pump shall be 3.0 or less.

6. Pump Shafting: Shafting shall be heat treated alloy steel, with a minimum diameter of 1.5 inches in order to minimize deflection during solids chopping.

7. Bearing Housing: Shall be ductile cast iron, and machined with piloted bearing fits for concentricity of all components. Piloted motor mount shall securely align motor on top of bearing housing.

8. Thrust Bearings: Shaft thrust in both directions shall be taken up by two back-to-back mounted single-row angular contact ball bearings, or a matched set of face to face tapered roller bearings, with a minimum L-10 rated life of 100,000 hours. Overhang from the centerline of the lower thrust bearing to the seal faces shall be a maximum of 1.7". A third mechanical seal (two in motor) shall also be provided to isolate the bearings from the pumped media. The third seal, as well as the thrust bearings shall be oil bath lubricated in the bearing housing by ISO Grade 46 oil. Shaft overhang exceeding 1.7 inches from the center of the lowest thrust bearing to the seal faces shall be considered unacceptable.

9. Pump Mechanical Seal: The mechanical seal shall be located immediately behind the impeller hub to maximize the flushing available from the impeller pump-out vanes. The seal shall be a cartridge-type mechanical seal with Viton O-rings and silicon carbide (or tungsten carbide) faces. This cartridge seal shall be pre-assembled and pre-tested so that no seal settings or adjustments are required from the installer. Any springs used to push the seal faces together must be shielded from the fluid to be pumped. The cartridge shall also include a 17-4PH, heat-treated seal sleeve and a ductile cast iron seal gland.

10. Automatic Oil Level Monitor: An oil level switch shall be mounted at the top of the wet well, with a hose feeding down to the side of the bearing housing to monitor oil level and shut off the motor in event of low oil level. A relay shall be included for mounting in the motor control panel.

11. Shaft Coupling: The submersible motor shall be close coupled directly to the pump shaft using a solid sleeve coupling, which is keyed to both the pump and motor shafts. Slip clutches and shear pins between the shaft and the motor are considered unacceptable.

12. Stainless Steel Nameplate: Shall be attached to the pump giving the manufacturer's model and serial number, rated capacity, head, speed and all pertinent data.

13. Submersible Motor: The submersible motor shall be U/L or FM listed and suitable for Class I, Group C & D, Division I hazardous locations, rated at 5 HP, 1800 RPM, 480 Volts, 60 Hertz and 3 phase, 1.15 service factor (1.0 for Continuous In-Air) with Class F insulation. Motor shall have tandem mechanical seals in oil bath and dual moisture sensing probes. Moisture probes must be connected to indicate water intrusion. The lower motor seal shall be exposed only to the lubricant in the pump bearing housing, with no exposure to the pumped media. Motor shall include two normally closed automatic resetting thermostats connected in series and embedded in adjoining phases. The thermostats must be connected per local, state, and/or the National Electric Code to maintain hazardous location rating and

to disable motor starter if overheating occurs. Motor frame shall be cast iron, and all external hardware and shaft shall be stainless steel. Motor shall be sized for non-overloading conditions.

14. Mounting System: Pump shall be provided with mounting stand allowing relocation of pump via a cable chain. The cable chain shall be attached to the wall of the wet well to facilitate removal and relocation.

15. Surface Preparation: Solvent wash and a single coat of Tnemec 431 epoxy applied at 5 MDFT minimum (except motor).

C. Pump Operating Conditions

1. 350 GPM @ 21 feet TDH

D. Manufacturers, or approved equal.

1. Vaughan.

E. See control description in Paragraph 3.4.

PART 3 - EXECUTION

3.1 GENERAL

A. All pumps and motors shall be installed in accordance with the manufacturer's written recommendations submitted and approved with the shop drawings and in accordance with the Contract Documents.

B. The manufacturer's authorized service representative shall visit the site for as long as necessary to complete the following and to certify in writing that the equipment and controls have been properly installed, aligned, lubricated, adjusted, and readied for operation.

1. Witness the proper installation of the equipment.

2. Witness the inspection, checking, and adjusting the equipment.

3. Witness startup and field testing operations.

4. Instruct the District's personnel in the operation and maintenance of the equipment, including step-by-step troubleshooting with necessary test equipment. Instruction and materials shall be specific to the models of equipment provided. The representative shall have at least two year's experience or training with equipment provided.

3.2 PUMP TESTING

A. Inspection and Testing Costs: The Contractor shall be responsible for all costs associated with inspection and testing of materials (including witness testing),

products, or equipment at the place of manufacture. Provide for one District's Representative to visit each factory for factory-witness testing.

B. Field Tests

1. The Contractor shall be responsible for field testing all pumps after installation to demonstrate satisfactory operation without causing excessive noise, cavitation, vibration, and overheating of the bearings. Proper alignment shall also be verified during field tests to ensure freedom from binding, scraping, shaft runout, or other defects. Field testing shall be witnessed by the District Representative. The Contractor shall notify the Owner 5 days in advance of the field tests. After each pumping system has satisfied the requirements, the Contractor shall certify in writing that it has been satisfactorily tested and that all final adjustments have been made. Certification shall include the date of the field tests, a listing of all persons present during the tests, and the test data. The Contractor shall bear all costs of field tests, including related services of the Manufacturer's representative, except for power and water, which the Owner will bear.

2. The Contractor shall be responsible for field testing all motors to check for any deviation from rated voltage, phase or frequency; or improper installation. The motor shall be checked for proper phase and ground connections. The Contractor shall verify that multi-voltage motors are connected for proper voltage. Winding and bearing temperature detectors and space heaters shall be checked for functional operation. Motors shall be tested for proper rotation before connection to the driven equipment. Insulation shall be tested in accordance with NEMA MG-1. The test voltage shall be 1000 VAC plus twice the rated voltage of the motor.

D. In the event of failure of any pump to meet any of the above requirements or efficiencies, the Contractor shall make all necessary modifications, repairs, or replacements to conform to these specifications at no additional compensation from the Owner.

3.3 SUMP PUMP CONTROL DESCRIPTION

A. The PLC shall call the lead pump to start/stop based on the float level sensing system in the sump. The pumps shall operate in a lead/lag sequence. The PLC shall alternate the lead pump based on subsequent stops.

B. The level set points shall be calibrated in the field. Alarms to SCADA shall occur at the high and high-high level set points.

3.4 CONDITIONING PUMP CONTROL DESCRIPTION

A. The control panel shall operate the conditioning pump when the station pumps are not operating (during wet well filling).

B. An HOA switch shall be provided for the pump. When set to 'off', the pump shall not operate. When set to 'hand', the pump shall operate, bypassing control

signals. When set to ‘Auto’, the pump shall operate according to the following control logic.

1. The pump shall turn on after a 30 second delay from the ‘stop’ call to the station’s duty pump group. The pump shall run continuously while the station pumps are off. The pumps shall turn off when the ‘start’ call is sent to the station’s duty pump group.

2. The pump shall stop operation on a station low-low level alarm.

****END OF SECTION****

THIS PAGE LEFT INTENTIONALLY BLANK

OLIVENHAIN
Municipal Water District

4S Ranch Neighborhood 1 Sewer Pump Station Replacement Project

Non-Mandatory Pre-Bid Meeting Agenda

Date and Time:
Thursday, December 2nd, 2021 at 10:00 AM

Location:
Neighborhood 1 Sewer Pump Station (16106 4S Ranch Parkway, San Diego, CA 92127)

Attendees:
Steve Weddle, Engineering Services Supervisor, OMWD
Paul Mochel, Construction Manager, Valley CM

1. **INTRODUCTIONS & SIGN-IN**
   - Sign-in sheet is attached and will be distributed via email with the meeting minutes

2. **THE WORK**
   - Work for this project will involve constructing a new dry well pump room with an above grade electrical/control room, modifications to the existing wet well, relocated yard piping, new generator, demotion of existing facilities, grading and paving, construction sequencing and bypass pumping to keep the existing pump station in operation, and site improvements.

3. **BIDS DUE**
   - Bids must be stamped as received by OMWD staff before **2:00 PM on January 13th, 2022** at OMWD Headquarters, 1966 Olivenhain Road, Encinitas, CA 92024.
   - The bid package shall include the following completed documents:
     - Provide a copy of the Bid Form Checklist (located in contract documents) with all required attachments.
     - Provide one (1) executed original, clearly marked on the cover and acknowledge all addenda.
     - The entire set of Contract Documents is **NOT** required to be submitted for the contractor to be considered responsive.
     - Bids and/or modifications thereto received subsequent to the hour and date specified herein will not be considered.

4. **KEY DATES**
   - Pre-Bid Questions due to prebid@olivenhain.com no later than **5:00 PM on January 7th, 2022.**
   - Consideration of award of contract at the regularly scheduled Board of Directors meeting on **February 16th, 2022.**
   - If awarded, the Notice to Proceed will be issued once the contract documents are fully executed.
     - **Time is of the essence.**

5. BIDDING INFORMATION

- Contractor shall be registered with the California Department of Industrial Relations (DIR) and shall have a valid California Contractor's license.
- Contractor must maintain and provide Certificates of commercial liability insurance, workers compensation insurance, and professional liability insurance to do business in the State of California.
- California Prevailing wage rates apply, and certified payroll records shall be provided to OMWD with each monthly billing
- The bidding documents are posted on OMWD's website at www.olivenhain.com.
    - Select the "Construction Projects" Tab, choose the "Upcoming Projects and Planning Resources" section and scroll down to "Requests for Proposals" to access the document link.

6. BID SCHEDULE

- There is one (1) Bid Schedule
- Construction schedule is anticipated to be 300 calendar days
- Completely fill in the lump sum and/or unit price amount for all items in the Bid Schedule
- Acknowledgement of Addenda is mandatory (if used)

7. ADDITIONAL ITEMS TO CONSIDER

- Hours of Work Monday through Friday - 7:00 AM to 5:00 PM
    - Absolutely no equipment shall be started or warmed up prior to 7:00 AM or after 5:00 PM
    - Saturday, Sunday, and nighttime work requires prior written approval by OMWD
    - No work on OMWD recognized holidays
- Long-Lead Items
    - Submittals within 7 working days of NTP
    - Verified delays due to supply chain issues will be addressed with additional time added to contract, not additional compensation
- Additional Staging
    - Property outside the fenced PS is owned by the 4S Ranch Master Association HOA; OMWD has coordinated use of this property, but Contractor will need to enter into a separate agreement and meet all conditions.
- Bypass Pumping
    - PS to remain in operation during all phased work – Section 01563
        - Pump equipment per Section 2.2; PWW = 840 gpm; TDH (thru 10" FM = 260')
    - Bypass Vault – non-functional PV
    - Bypass Plan – 100% redundant with monitoring and emergency response
    - Spill Prevention and Confined Space Entry plans
- Drywell Excavation
    - 30' deep adjacent to existing wet well to be protected in place/modified per plan; monitoring for wet well.
    - 20' manhole and associated pipes
    - Special attention to Section 02160
- Wet Well Modifications
    - Monitoring and protection during drywell excavation; pre and post survey
    - New wall penetrations; new top slab; new odor control system
    - Demo existing lining to the limit of modifications straight and level around entire perimeter and recoat with Sancon/Zebron per Section 09801

- Existing Building Modifications
  - Demo per sheet D-2; protect air compressor; relocate HVAC unit
  - Build new restroom within existing structure
  - Protect existing solar panel system
- Generator
  - Demo old and replace with new gen
  - Section 16620, included APCD permit applications: Authority to Construct and Permission to Operate
- Special Inspection Section 01453-Minimum 48-hour notice required.
- Two-year guarantee

8. OMWD CONTACT INFORMATION

Engineering Manager
Jason Hubbard
760-632-4640
jhubbard@olivenhain.com

Engineering Services Supervisor
Steve Weddle
760-632-4221
sweddle@olivenhain.com

Engineering Project Administrator
Karen Ogawa
760-632-4642
kogawa@olivenhain.com

Construction Manager – Valley CM
Paul Mochel
858-444-6804
paul.mochel@valleycm.com

Engineering Dept. Assistant
Tess Garnica
760-632-4235
tgarnica@olivenhain.com

9. OPEN AGENDA

- Q: Should the bypass be designed based on wet weather flow?
  - **A: The bypass would need to accommodate the wet weather flow and should be sized per the specifications.**

- Q: How many GPD goes through the wet well?
  - **A: 250,000 approximately.**

OLIVENHAIN
Municipal Water District

Pre-Proposal Meeting Attendance Sheet

FOR THE CONSTRUCTION OF
4S RANCH NEIGHBORHOOD 1 SEWER PUMP STATION REPLACEMENT PROJECT
December 2, 2021 at 10:00 a.m.

Name	Title	Company	Phone	Email
Steven Weddle	Engineering Sup.	Olivenhain MWD	760.632.4221	SWeddle@olivenhain.com
Paul Mockel	CM	Valley CA	8/4446804	Paul.Mockel@Valleycm.com
Gabriel Torres	Estimator	National Coating	(951) 830-3102	gabrielenc-lc.com
Chuck Nevarez	PM	Rice Lake Const.	(760) 505-1376	estimating-cal@ricelake.org
Thomas Mallard	PM	GSE Construction	925-447-0281	estimating@gseconstruct.com
Alan Dahlqvist	Sales	Xylem - Flygt Pumps	951-553-1493	Alan.Dahlqvist@xylem.com
Denis Poclak	Buss. Dev.	Sancon	619-861-3856	Denis@sancon.com
Jacob Brockmeier	Xylem	Sales	310 341 6938	jacob.brockmeier@xylem.com
Brandon Lee	Sales	Orion	7605579770	Brandon.Lee@orionconstruction.com

Name	Title	Company	Phone	Email
Jeff Rangan	Estimator	JR Filanc	760-941-7130	jrangan@filanc.com
FLATIRON WEST	QC MANAGER		760-916-9100	SOCAL-BIDS@FLATIRONCORP.COM
Rich Williams	PM	THARSOS INC	619-464-1261	RWilliams@THARSOSINC.Com
Sam Barclay	Project Engineer	SCW Contracting	760-728-1308	sbarclay@scwcompanies.com
PETER KOGLER	ESTIMATOR	SCW CONTRACTING	(760)728-1308 x15	pKogler@scwcompanies.com
PHIL REED	PM	EIFFEL CONST.	949-533-6682	PHIL@EIFFELINDUSTRIES.com
Adrian Gutierrez	Estimator	Pacific Hydrotech	(951)943-8803	agutierrez@pachydro.com
LISA Laszlo	Inspector	Valley Cm	858-229-1027	LISA.Laszlo@Valley Cm.com