

**CONTRACT FOR CONSULTANT SERVICES BETWEEN  
THE CITY OF WATSONVILLE AND DUDEK**

**THIS CONTRACT**, is made and entered into this \_\_\_\_\_, by and between the **City of Watsonville**, a municipal corporation, hereinafter called "City," and **Dudek**, hereinafter called "Consultant."

**WITNESSETH**

**WHEREAS**, the City needs to obtain certain professional, technical and/or specialized services of an independent contractor to assist the City in the most economical manner; and

**WHEREAS**, Consultant has the requisite skill, training, qualifications, and experience to render such services called for under this Contract to City.

**THE PARTIES HEREBY AGREE AS FOLLOWS:**

**SECTION 1. SCOPE OF SERVICES.** Consultant shall perform those services as specified in detail in Exhibit "A," entitled "SCOPE OF SERVICES" which is attached hereto and incorporated herein.

**SECTION 2. TERM OF CONTRACT.** The term of this Contract shall be from December 13, 2023 to December 31, 2024, inclusive.

**SECTION 3. SCHEDULE OF PERFORMANCE.** The services of Consultant are to be completed according to the schedule set out in Exhibit "B," entitled "SCHEDULE OF PERFORMANCE," which is attached hereto and incorporated herein. Consultant will diligently proceed with the agreed Scope of Services and will provide such services in a timely manner in accordance with the "SCHEDULE OF PERFORMANCE."

**SECTION 4. COMPENSATION.** The compensation to be paid to Consultant including both payment for professional services and reimbursable expenses as well as the rate and schedule of payment are set out in Exhibit "C" entitled "COMPENSATION," which is attached hereto and incorporated herein.

**SECTION 5. METHOD OF PAYMENT.** Except as otherwise provided in Exhibit "C," each month, Consultant shall furnish to the City a statement of the work performed for compensation during the preceding month. Such statement shall also include a detailed record of the month's actual reimbursable expenditures.

**SECTION 6. INDEPENDENT CONSULTANT.** It is understood and agreed that Consultant, in the performance of the work and services agreed to be performed by Consultant, shall act as and be an independent Consultant and not an agent or employee of City, and as an independent Consultant, shall obtain no rights to retirement

benefits or other benefits which accrue to City's employees, and Consultant hereby expressly waives any claim it may have to any such rights.

**SECTION 7. ASSIGNABILITY.** Consultant shall not assign or transfer any interest in this Contract nor the performance of any of Consultant's obligations hereunder, without the prior written consent of City, and any attempt by Consultant to so assign this Contract or any rights, duties or obligations arising hereunder shall be void and of no effect.

**SECTION 8. INDEMNIFICATION.**

To the full extent permitted by law (subject to the limitations of Civil Code section 2782.8 for any "design professional services" performed under this Contract), Consultant will indemnify, hold harmless, release and defend the City (including its officers, elected or appointed officials, employees, volunteers or agents) from and against any and all liability or claims (including actions, demands, damages, injuries, settlements, losses or costs [including legal costs and attorney's fees])(collectively "Liability") of any nature, to the extent arising out of, pertaining to, or relating to Consultant's negligence, recklessness, or willful misconduct in the performance of this Contract. In no event shall the cost to defend charged to the Consultant exceed the Consultant's proportionate percentage of fault. Consultant's indemnification obligations under this Contract are not limited by any limitations of any insurance held by Consultant, including, but not limited to, workers compensation insurance.

**SECTION 9. INSURANCE.**

A. Errors and Omissions Insurance. Consultant shall obtain and maintain in full force throughout the term of this Contract a professional liability insurance policy (Errors and Omissions), in a company authorized to issue such insurance in the State of California, with limits of liability of not less than One Million Dollars (\$1,000,000.00) to cover all professional services rendered pursuant to this Contract.

B. Auto and Commercial General Liability Insurance. Consultant shall also maintain in full force and effect for the term of this Contract, automobile insurance and commercial general liability insurance with an insurance carrier satisfactory to City, which insurance shall include protection against claims arising from bodily and personal injury, including death resulting therefrom, and damage to property resulting from any actual occurrence arising out of the performance of this Contract. The amounts of insurance shall not be less than the following:

(1) Commercial general liability insurance, or equivalent form, with a combined single limit of not less than \$500,000.00 per occurrence. If such insurance contains a general aggregate limit, such limit shall apply separately to each project Consultant performs for City. Such insurance shall (a) name City, its appointed and elected officials, and its employees as insureds; and (b) be primary with respect to insurance or self-insurance programs maintained by City and (c) contain standard separation of insured's provisions.

(2) Business automobile liability insurance, or equivalent form, with a combined single limit of not less than \$500,000.00 per occurrence. Such insurance shall include coverage for owned, hired and non-owned automobiles.

C. Workers' Compensation Insurance. In accordance with the provisions of Section 3700 of the Labor Code, Consultant shall be insured against liability for Workers' Compensation or undertake self-insurance. Consultant agrees to comply with such provisions before commencing performance of any work under this Contract.

D. Proof of Insurance to City before Notice to Proceed to Work. Consultant shall satisfactorily provide certificates and endorsements of insurance to the City Clerk before Notice to Proceed to Work of this Contract will be issued. Certificates and policies shall state that the policy shall not be canceled or reduced in coverage without thirty (30) days written notice to City. Approval of insurance by City shall not relieve or decrease the extent to which Consultant may be held responsible for payment of damages resulting from services or operations performed pursuant to this Contract. Consultant shall not perform any work under this Contract until Consultant has obtained the required insurance and until the required certificates have been submitted to the City and approved by the City Attorney. If Consultant fails or refuses to produce or maintain the insurance required by these provisions, or fails or refuses to furnish City required proof that insurance has been procured and is in force and paid for, City shall have the right at City's election to forthwith terminate this Contract immediately without any financial or contractual obligation to the City. As a result of such termination, the City reserves the right to employ another consultant to complete the project.

E. Written notice. Contractor shall provide immediate written notice if (1) any insurance policy required by this Contract is terminated; (2) any policy limit is reduced; (3) or any deductible or self insured retention is increased.

**SECTION 10. NON-DISCRIMINATION.** Consultant shall not discriminate, in any way, against any person on the basis of age, sex, race, color, creed, national origin or disability in connection with or related to the performance of this Contract.

**SECTION 11. TERMINATION.**

A. City and Consultant shall have the right to terminate this Contract, without cause, by giving not less than ten (10) days written notice of termination.

B. If Consultant fails to perform any of its material obligations under this Contract, in addition to all other remedies provided by law, City may terminate this Contract immediately upon written notice.

C. The City Manager is empowered to terminate this Contract on behalf of City.

D. In the event of termination, Consultant shall deliver to City copies of all work papers, schedules, reports and other work performed by Consultant and upon receipt thereof, Consultant shall be paid in full for services performed and reimbursable expenses incurred to the date of termination.

**SECTION 12. COMPLIANCE WITH LAWS.** Consultant shall comply with all applicable laws, ordinances, codes and regulations of the federal, state and local governments. Consultant shall obtain and maintain a City of Watsonville business license during the term of this Contract.

**SECTION 13. GOVERNING LAW.** City and Consultant agree that the law governing this Contract shall be that of the State of California. Any suit brought by either party against the other arising out of the performance of this Contract shall be filed and maintained in the Municipal or Superior Court of the County of Santa Cruz.

**SECTION 14. PRIOR CONTRACTS AND AMENDMENTS.** This Contract represents the entire understanding of the parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Contract may only be modified by a written amendment.

**SECTION 15. CONFIDENTIAL INFORMATION.** All data, documents, discussions or other information developed or received by or for Consultant in performance of this Contract are confidential and not to be disclosed to any person except as authorized by the City Manager or his designee, or as required by law.

**SECTION 16. OWNERSHIP OF MATERIALS.** All reports, documents or other materials developed or received by Consultant or any other person engaged directly by Consultant to perform the services required hereunder shall be and remain the property of City without restriction or limitation upon their use.

**SECTION 17. COVENANT AGAINST CONTINGENT FEES.** The Consultant covenants that Consultant has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure the Contract, and that Consultant has not paid or agreed to pay any company or person, other than a bona fide employee working solely for Consultant, any fees, commissions, percentage, brokerage fee, gift, or any other consideration contingent on or resulting from the award or making of this Contract, for breach or violation of this covenant, the City shall have the right to annul this Contract without liability, or in its discretion, to deduct from the Contract price or consideration or otherwise recover, the full amount of such fee, commission, percentage fee, gift, or contingency.

**SECTION 18. WAIVER.** Consultant agrees that waiver by City or any one or more of the conditions of performance under this Contract shall not be construed as waiver of any other condition of performance under this Contract.

**SECTION 19. CONFLICT OF INTEREST.**

A. A Consultant shall avoid all conflict of interest or appearance of conflict of interest in performance of this Contract. Consultant shall file a disclosure statement, if required by City Council Resolution, which shall be filed within thirty (30) days from the effective date of this Contract or such Resolution, as applicable.

B. No member, officer, or employee of the City, during their tenure, or for one (1) year thereafter, shall have any interest, direct or indirect, in this Contract or the proceeds thereof and Consultant agrees not to allow, permit, grant, transfer, or otherwise do anything which will result in such member, officer, or employee of the City from having such interest.

**SECTION 20. AUDIT BOOKS AND RECORDS.** Consultant shall make available to City, its authorized agents, officers and employees, for examination any and all ledgers and books of account, invoices, vouchers, canceled checks and other records or documents evidencing or related to the expenditures and disbursements charged to the City, and shall furnish to City, its authorized agents and employees, such other evidence or information as City may require with respect to any such expense or disbursement charged by Consultant.

**SECTION 21. NOTICES.** All notices shall be personally served or mailed, postage prepaid, to the following addresses, or to such other address as may be designated by written notice by the parties:

**CITY**

City Clerk's Office  
275 Main Street, Suite 400  
Watsonville, CA 95076  
(831) 768-3040

**CONSULTANT**

Dudek  
725 Front St Ste 400  
Santa Cruz, CA 95060  
(831) 600-1400

**SECTION 22. EXHIBITS:**

- Exhibit A: Scope of Services
- Exhibit B: Schedule of Performance
- Exhibit C: Compensation

///

///

///

///

**WITNESS THE EXECUTION HEREOF**, on the day and year first hereinabove written.

**CITY**

**CONSULTANT**

**CITY OF WATSONVILLE**

BY \_\_\_\_\_  
Rene Mendez, City Manager

DocuSigned by:  
*Bob Orlando*  
BY \_\_\_\_\_  
Bob Orlando, PE, Vice President

**ATTEST:**

BY \_\_\_\_\_  
Irwin I. Ortiz, City Clerk

**APPROVED AS TO FORM:**

BY \_\_\_\_\_  
Samantha W. Zutler, City Attorney

## EXHIBIT "A"

### SCOPE OF SERVICES

The scope of services is as follows:

#### Scope of Work

##### **Task 1: Project Management, Meetings, and Site Visits**

- **Project Management.** The Dudek project manager is responsible for the following tasks
  - Serves as the point of contact for the City, responsible for assigning work tasks to the project team, quality of deliverables, establishing and tracking the scope, schedule, and budget for the project.
  - Prepares monthly invoices and progress reports
  - Assigns QC reviews for each deliverable.
- **Meetings and Site Visits**
  - Kickoff Meeting: Dudek's project manager and senior engineer will facilitate an in-person kickoff meeting with the City to initiate the project. The kickoff meeting will review the project goals, scope, schedule, key success factors, and discuss preliminary information needs. Immediately following the kickoff meeting, Dudek will complete an initial site investigation to perform measurements, take additional photos, locate connection points, establish project boundaries, and document existing conditions in more detail.
  - Progress Meetings: Dudek recommends a 1-hour progress meeting every 2 weeks for the duration of the project due to the criticality of the system and schedule needs. Progress meetings will be completed via Zoom or Teams (City preference). Dudek will prepare agenda and minutes for each progress meeting.
  - Deliverable review meetings: Dudek will facilitate an in-person deliverable review meeting/workshop following submittal of the preliminary design phase deliverables, 75% design phase deliverables, and 100% design phase deliverables. Each review meeting/workshop is expected to take 1-2 hours.
  - Design-phase site visits: Dudek anticipates that two additional in-person site visits will be required during the design phase to perform additional field measurements, inspections, and confirm existing conditions.

### Task 3: Final Design of Temporary Headworks Facility

- Following completion of Task 2, Dudek will initiate final design of the temporary headworks facility. The final design is expected to include the following tasks and deliverables:
  - Prepare 75% Design drawings, specifications and OPCC.
  - Prepare 100% Design drawings, specifications and OPCC.
  - Prepare Final Design drawings, specifications and OPCC.
    - We anticipate the following design drawings are required for the project:

### Task 2: Preliminary Design of Temporary Headworks Facility

- Preliminary design of the temporary headworks facility will include the following tasks
  - Data collection and review: Dudek will request data and information from the City and review relevant to the design of the temporary headworks facility.
  - Establish basis of design / design criteria: Dudek will prepare design criteria to establish hydraulic flow conditions, operational controls, instrumentation, and alarms requirements.
  - Select equipment and materials of construction: Dudek will provide recommendations and confirm materials of construction and equipment types for the project.
  - Size infrastructure and equipment: Dudek will perform engineering calculations to size pipes, valves, tanks, foundations, and other design features, as applicable.
  - Establish maintenance of plant operation requirements: Confirm shutdown requirements and establish a plan to maintain operations of the headworks during construction.
  - Prepare preliminary design report, 30% design drawings, and opinion of probable construction cost (OPCC). 30% Design drawings are expected to include design criteria and preliminary layouts.
  - Deliverables:
    - Preliminary Design Report
    - 30% Design Drawings
    - 30% Design OPCC

Sheet No.	Dwg No.	Title
1	G-1	Title Sheet, Location and Vicinity Map
2	G-2	Drawing List, General Notes and Abbreviations
3	G-3	Overall Site Plan and Contractor Staging Area
4	D-1	Demolition Plan
5	D-2	Demolition Details
6	C-1	Civil Grading and Paving Plan
7	C-2	Civil Details
8	S-1	Structural Notes and Design Criteria



Sheet No.	Dwg No.	Title
9	S-2	Structural General Notes - 1
10	S-3	Structural General Notes -2
11	S-4	Special Inspections and Notes
12	S-5	Structural Typical Details -1
13	S-6	Structural Typical Details - 2
14	S-7	Temporary Headworks Structural Foundation Plan
15	S-8	Temporary Headworks Top Plan
16	S-9	Temporary Headworks Structural Sections - 1
17	S-10	Temporary Headworks Structural Sections - 2
18	S-11	Structural Details - 1
19	S-12	Structural Details - 2
20	S-13	Structural Details - 3
21	M-1	Mechanical Notes, Symbols, and Schedules
22	M-2	Temporary Headworks Mechanical Plan
23	M-3	Temporary Headworks Mechanical Sections
24	M-4	Mechanical Details - 1
25	M-5	Mechanical Details - 2
26	E-1	Electrical Symbols, Legend & Abbreviations
27	E-2	Hazardous Location Area Classification Plan
28	E-3	Modified Single Line Diagram, Modified Panel Schedule, and Short Circuit Calculations
29	E-4	Headworks Screens Demolition, Power and Grounding Plan
30	E-5	Headworks Screens Lighting Plan
31	E-6	Power and Controls Conduit Block Diagram
32	E-7	Electrical Details
33	I-1	Instrumentation Tagging and Labeling, Symbols and Legend
34	I-2	Headworks Temporary Screen Facility P&ID

#### **Task 4: Bid Phase Support Services (Optional)**

At the City's option, Dudek will provide bid phase support services for the bidding period. These services can include attending the pre-bid meeting, preparing responses to contractor RFI's, and addenda to the bid documents. Dudek will prepare an hours and fee estimate for these services at the City's request.

#### **Task 5: Construction Support Services (Optional)**

At the City's option, Dudek will provide construction support services for the construction period. These services can include attending the pre-construction meeting, attending construction progress meetings, responding to contractor RFI's, submittals, and change order requests. Dudek will prepare an hours and fee estimate for these services at the City's request.

- **See Attachment A – Temporary Headworks Design Proposal**

## **EXHIBIT "B"**

### **SCHEDULE OF PERFORMANCE**

Services shall commence immediately upon execution of this Contract. All services performed under the provisions of this Contract shall be completed in accordance with the following schedule: **December 13, 2023 to December 31, 2024**

**EXHIBIT "C"**

**COMPENSATION**

a. Total Compensation. The total obligation of City under this Contract shall not exceed \$291,586.

b. Basis for Payment. Payment(s) to Consultant for services performed under this Contract shall be made as follows and shall [not] include payment for reimbursable expenses:

c. Payment Request. Consultant shall submit a request for payment for services on a monthly basis by letter to Director, or said Director's designated representative. Such request for payment shall cover the preceding monthly period during the term hereof, shall note the City's purchase order number for this Contract, shall contain a detailed listing of the total number of items or tasks or hours for which payment is requested, the individual dates on which such services were rendered, and invoices for reimbursable expenses, if any. Upon receipt in the Office of Director of said payment request, Director shall cause payment to be initiated to Consultant for appropriate compensation.

November 3, 2023

Ryan Smith  
Wastewater Division Manager  
City of Watsonville  
500 Clearwater Lane  
Watsonville, CA 95076

**Subject: Proposal for Temporary Headworks Relocation Project**

Dear Mr. Smith:

Dudek is pleased to submit this proposal to the City of Watsonville for planning and design of a temporary headworks relocation project. The City contacted Dudek to investigate the extent of concrete degradation in their existing headworks structure over staff concerns about its structural integrity and safety. Dudek visited the headworks site accompanied by City staff and observed severe metallic and concrete deterioration, with multiple safety hazards and structural elements at risk of failure. This highlighted the urgency to develop an interim project to relocate the headworks while design of a permanent new headworks and influent lift station is underway, by others.

Following review of the existing headworks record drawings and observation of the extent of concrete and rebar deterioration in the existing structure, Dudek determined that rehabilitation of the existing structure is likely to be infeasible or cost-prohibitive, given that a new headworks will likely come online in the next 5-10 years. Therefore, the City requires a temporary headworks relocation project with a service life of 5-10 years to maintain safe and effective screenings removal prior to the new system coming online.

Figure 1 reflects a simplified version of what is assumed to be the temporary headworks facility project adjacent to the existing headworks structure. However, this layout will be updated and refined during the preliminary design phase of the project.

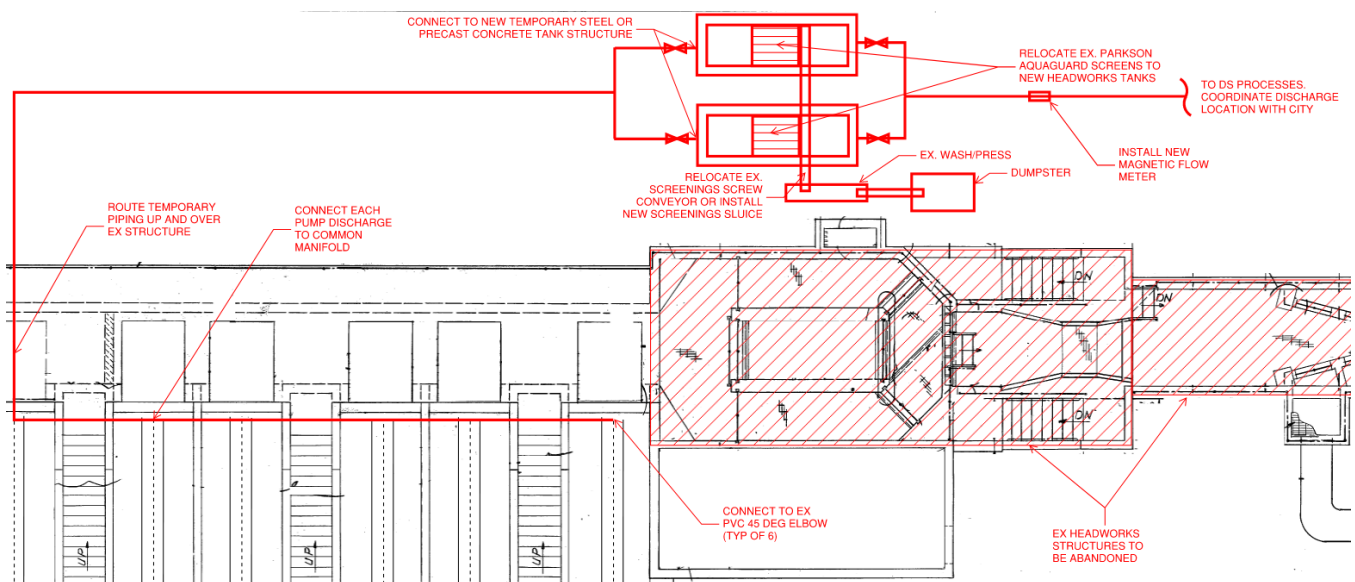


Figure 1. Potential Temporary Headworks Layout

As depicted in the figure, the assumed design will provide connections to the existing PVC influent pump station discharge piping at the top of the existing old screw pump troughs. The existing 45-degree bend would be replaced with a new 45-degree elbow and restrained joint pointed up to connect the individual discharge lines to a common manifold. The common line will be routed up and over the structure to the asphalt area adjacent to the structure, where it will gravity flow and be routed down through the remainder of the temporary headworks. The temporary headworks is assumed to consist of two individual screenings trains which can be isolated by valves (or gates) both on the US and DS side of the tank structures. A fabricated steel tank or precast concrete tank will be provided to house the existing Parkson Aquaguard screens, which will be relocated from the existing headworks to the new temporary headworks facility. The existing screw conveyor and wash/press will also be relocated or reoriented to serve the temporary headworks facility as long as it is compatible with the required layout. If not, a screenings sluice will be provided to convey screenings to the existing wash/press. The ultimate discharge location from the temporary headworks will be coordinated with the City. Piping to and from the temporary headworks will either be high-lined at grade or buried, depending on the presence of existing utilities, access impacts/needs, and City preferences.

It is assumed that existing headworks equipment can be relocated and junction boxes will be provided with new conduits to extend existing electrical and control wiring to new equipment locations. It is assumed that any new electrical or control requirements can be accommodated by existing spare capacity in MCC buckets (480V loads), lighting panels (120V loads), and PLCs (I/O).

## Scope of Work

### Task 1: Project Management, Meetings, and Site Visits

- **Project Management.** The Dudek project manager is responsible for the following tasks
  - Serves as the point of contact for the City, responsible for assigning work tasks to the project team, quality of deliverables, establishing and tracking the scope, schedule, and budget for the project.
  - Prepares monthly invoices and progress reports
  - Assigns QC reviews for each deliverable.
- **Meetings and Site Visits**
  - Kickoff Meeting: Dudek's project manager and senior engineer will facilitate an in-person kickoff meeting with the City to initiate the project. The kickoff meeting will review the project goals, scope, schedule, key success factors, and discuss preliminary information needs. Immediately following the kickoff meeting, Dudek will complete an initial site investigation to perform measurements, take additional photos, locate connection points, establish project boundaries, and document existing conditions in more detail.
  - Progress Meetings: Dudek recommends a 1-hour progress meeting every 2 weeks for the duration of the project due to the criticality of the system and schedule needs. Progress meetings will be completed via Zoom or Teams (City preference). Dudek will prepare agenda and minutes for each progress meeting.
  - Deliverable review meetings: Dudek will facilitate an in-person deliverable review meeting/workshop following submittal of the preliminary design phase deliverables, 75% design phase deliverables, and 100% design phase deliverables. Each review meeting/workshop is expected to take 1-2 hours.

- Design-phase site visits: Dudek anticipates that two additional in-person site visits will be required during the design phase to perform additional field measurements, inspections, and confirm existing conditions.

## Task 2: Preliminary Design of Temporary Headworks Facility

- Preliminary design of the temporary headworks facility will include the following tasks
  - Data collection and review: Dudek will request data and information from the City and review relevant to the design of the temporary headworks facility.
  - Establish basis of design / design criteria: Dudek will prepare design criteria to establish hydraulic flow conditions, operational controls, instrumentation, and alarms requirements.
  - Select equipment and materials of construction: Dudek will provide recommendations and confirm materials of construction and equipment types for the project.
  - Size infrastructure and equipment: Dudek will perform engineering calculations to size pipes, valves, tanks, foundations, and other design features, as applicable.
  - Establish maintenance of plant operation requirements: Confirm shutdown requirements and establish a plan to maintain operations of the headworks during construction.
  - Prepare preliminary design report, 30% design drawings, and opinion of probable construction cost (OPCC). 30% Design drawings are expected to include design criteria and preliminary layouts.
  - Deliverables:
    - Preliminary Design Report
    - 30% Design Drawings
    - 30% Design OPCC

## Task 3: Final Design of Temporary Headworks Facility

- Following completion of Task 2, Dudek will initiate final design of the temporary headworks facility. The final design is expected to include the following tasks and deliverables:
  - Prepare 75% Design drawings, specifications and OPCC.
  - Prepare 100% Design drawings, specifications and OPCC.
  - Prepare Final Design drawings, specifications and OPCC.
  - We anticipate the following design drawings are required for the project:

Sheet No.	Dwg No.	Title
1	G-1	Title Sheet, Location and Vicinity Map
2	G-2	Drawing List, General Notes and Abbreviations
3	G-3	Overall Site Plan and Contractor Staging Area
4	D-1	Demolition Plan
5	D-2	Demolition Details
6	C-1	Civil Grading and Paving Plan
7	C-2	Civil Details
8	S-1	Structural Notes and Design Criteria

Sheet No.	Dwg No.	Title
9	S-2	Structural General Notes - 1
10	S-3	Structural General Notes -2
11	S-4	Special Inspections and Notes
12	S-5	Structural Typical Details -1
13	S-6	Structural Typical Details - 2
14	S-7	Temporary Headworks Structural Foundation Plan
15	S-8	Temporary Headworks Top Plan
16	S-9	Temporary Headworks Structural Sections - 1
17	S-10	Temporary Headworks Structural Sections - 2
18	S-11	Structural Details - 1
19	S-12	Structural Details - 2
20	S-13	Structural Details - 3
21	M-1	Mechanical Notes, Symbols, and Schedules
22	M-2	Temporary Headworks Mechanical Plan
23	M-3	Temporary Headworks Mechanical Sections
24	M-4	Mechanical Details - 1
25	M-5	Mechanical Details - 2
26	E-1	Electrical Symbols, Legend & Abbreviations
27	E-2	Hazardous Location Area Classification Plan
28	E-3	Modified Single Line Diagram, Modified Panel Schedule, and Short Circuit Calculations
29	E-4	Headworks Screens Demolition, Power and Grounding Plan
30	E-5	Headworks Screens Lighting Plan
31	E-6	Power and Controls Conduit Block Diagram
32	E-7	Electrical Details
33	I-1	Instrumentation Tagging and Labeling, Symbols and Legend
34	I-2	Headworks Temporary Screen Facility P&ID

#### **Task 4: Bid Phase Support Services (Optional)**

At the City's option, Dudek will provide bid phase support services for the bidding period. These services can include attending the pre-bid meeting, preparing responses to contractor RFI's, and addenda to the bid documents. Dudek will prepare an hours and fee estimate for these services at the City's request.

#### **Task 5: Construction Support Services (Optional)**

At the City's option, Dudek will provide construction support services for the construction period. These services can include attending the pre-construction meeting, attending construction progress meetings, responding to

contractor RFI's, submittals, and change order requests. Dudek will prepare an hours and fee estimate for these services at the City's request.

## Project Team

Dudek proposes the following team for the proposed project. Resumes for proposed staff are included in Attachment C.

- Project Manager: Phil Giori, PE
- Senior Civil Engineer: Brian Robertson, PE
- Senior Mechanical Engineer: Sam Hawkinson
- Project Engineer: Trishna Chandarana
- Structural Engineer: Dan Isaacs, SE; Matt Stone, SE (Kelsey Structural)
- Electrical Engineer: Joseph Schneider, PE
- QA/QC: Mike Metts, PE

## Schedule

Dudek has prepared a MS Project schedule included in Attachment A based on the above scope of work and our project understanding, however, the schedule can be adjusted depending on the notice to proceed and City needs.

## Fee

Dudek estimates a fee of \$291,586 for the above proposed scope of work. Detailed fee estimate breakdown by task is included in Attachment B.

## Closing

We appreciate the City's consideration of the above proposal. Should you have any questions please reach out to Phil Giori at 510.601.2518 or [pgiori@dudek.com](mailto:pgiori@dudek.com). We look forward to working with the City on this important project.

Sincerely,



Phil Giori, P.E.

Project Manager

Dudek



ID	Task Name	Duration	Start	Finish	Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024			
					Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
1	<b>Watsonville Temporary Headworks Project</b>	<b>170 days</b>	<b>Fri 12/15/23</b>	<b>Thu 8/8/24</b>										
2	Notice To Proceed	0 days	Fri 12/15/23	Fri 12/15/23	◆ <b>12/15</b>									
3	Kickoff Meeting	0 days	Tue 1/9/24	Tue 1/9/24	◆ <b>1/9</b>									
4	<b>Preliminary Design</b>	<b>74 days</b>	<b>Fri 12/15/23</b>	<b>Wed 3/27/24</b>										
5	Data Collection and Review	18 days	Fri 12/15/23	Tue 1/9/24										
6	Establish Basis of Design, Sizing, Materials Selection	10 days	Tue 1/9/24	Mon 1/22/24										
7	Draft Preliminary Design Report	25 days	Tue 1/23/24	Mon 2/26/24										
8	30% Design Drawings	25 days	Tue 1/23/24	Mon 2/26/24										
9	City Review of PDR & 30% Design Drawings	10 days	Tue 2/27/24	Mon 3/11/24										
10	PDR/30% Design Review Meeting	0 days	Wed 3/13/24	Wed 3/13/24	◆ <b>3/13</b>									
11	Final PDR	10 days	Thu 3/14/24	Wed 3/27/24										
12	<b>Final Design</b>	<b>106 days</b>	<b>Thu 3/14/24</b>	<b>Thu 8/8/24</b>										
13	75% Design Plans, Specifications, and EOPCC	40 days	Thu 3/14/24	Wed 5/8/24										
14	City Review of 75% Design	10 days	Thu 5/9/24	Wed 5/22/24										
15	75% Design Review Meeting	0 days	Thu 5/23/24	Thu 5/23/24	◆ <b>5/23</b>									
16	100% Design Plans, Specifications, and EOPCC	35 days	Fri 5/24/24	Thu 7/11/24										
17	City Review of 100% Design	10 days	Fri 7/12/24	Thu 7/25/24										
18	100% Design Review Meeting	0 days	Thu 7/25/24	Thu 7/25/24	◆ <b>7/25</b>									
19	Final Design Bid Documents	10 days	Fri 7/26/24	Thu 8/8/24										



**City of Watsonville**

Design of Temporary Headworks Facility

DUDEK FEE ESTIMATE

11/3/2023

Dudek Labor Hours and Rates									Subconsultant Fees					
		Project Team Role:	PIC - QA/QC	Project Manager	Senior Engineer	Project Engineer	Electrical Engineer	CAD Designer	Admin	TOTAL DUDEK HOURS	DUDEK LABOR COSTS	Structural Engineer	OTHER DIRECT COSTS	TOTAL FEE
		Team Member:	M. Metts	P. Giori	B. Robertson S. Hawkinson	T. Chandarana	J. Schneider	N. Hunter	M. Kinney			Kelsey Structural		
		Billable Rate :	\$290	\$260	\$240	\$190	\$280	\$190	\$150			Fee		
<b>Task 1</b>	<b>Project Management, Meetings, Site Visits</b>													
1.1	Project Management			40					16	56	\$ 12,800	\$4,224		\$ 17,024
1.2	Kickoff Meeting			8	8		8			24	\$ 6,240		\$ 250	\$ 6,490
1.3	Progress Meetings			24	12		5			41	\$ 10,520			\$ 10,520
1.4	Deliverable Review Meetings			24	24					48	\$ 12,000		\$ 750	\$ 12,750
1.5	Design Phase Site Visits			16	16		16			48	\$ 12,480	\$1,496	\$ 500	\$ 14,476
	<b>Subtotal Task 1</b>			<b>112</b>	<b>60</b>		<b>29</b>		<b>16</b>	<b>217</b>	<b>\$ 54,040</b>	<b>\$ 5,720</b>	<b>\$ 1,500</b>	<b>\$ 61,260</b>
<b>Task 2</b>	<b>Preliminary Design of Temporary Headworks Facility</b>													
2.1	Data Collection and Review			1	2	4	2			9	\$ 2,060	\$1,540		\$ 3,600
2.2	Establish Basis of Design / Design Criteria			1	4	4	2			11	\$ 2,540			\$ 2,540
2.3	Select Equipment & Materials of Construction			1	4	4	1			10	\$ 2,260			\$ 2,260
2.4	Size Infrastructure & Equipment			1	2	2	1			6	\$ 1,400			\$ 1,400
2.5	Establish Maintenance of Plant Operation Requirements			2	4	8	2			16	\$ 3,560			\$ 3,560
2.6	Prepare Preliminary Design Report, 30% Design Drawings, and EOPCC	6	8	16	40	16	60			146	\$ 31,140	\$6,424		\$ 37,564
2.7	Incorporate City comments and resubmit PDR			1	2	6	1	8		18	\$ 3,680			\$ 3,680
	<b>Subtotal Task 2</b>	<b>6</b>	<b>15</b>	<b>34</b>	<b>68</b>	<b>25</b>	<b>68</b>			<b>216</b>	<b>\$ 46,640</b>	<b>\$ 7,964</b>	<b>\$ -</b>	<b>\$ 54,604</b>
<b>Task 3</b>	<b>Final Design of Temporary Headworks Facility</b>													
3.1	75% Design Drawings	4	12	40	60	24	160			300	\$ 62,400	\$13,200		\$ 75,600
3.2	75% Design Specifications	4	4	16	24	16				64	\$ 15,080			\$ 15,080
3.3	75% EOPCC	1	1	4	12					18	\$ 3,790			\$ 3,790
3.4	100% Design Drawings	4	8	36	50	16	120			234	\$ 48,660	\$8,800		\$ 57,460
3.5	100% Design Specifications	4	2	8	16	10				40	\$ 9,440			\$ 9,440
3.6	100% Design EOPCC	1	1	2	8					12	\$ 2,550			\$ 2,550
3.7	Final Drawings			1	4	8		24		37	\$ 7,300	\$2,772		\$ 10,072
3.8	Final Specifications			1	1	4	1			7	\$ 1,540			\$ 1,540
3.9	Final EOPCC				1					1	\$ 190			\$ 190
	<b>Subtotal Task 3</b>	<b>18</b>	<b>30</b>	<b>111</b>	<b>183</b>	<b>67</b>	<b>304</b>			<b>713</b>	<b>\$ 150,950</b>	<b>\$ 24,772</b>	<b>\$ -</b>	<b>\$ 175,722</b>
<b>Task 4</b>	<b>Bid Phase Support Services (Optional)</b>													
4.1	TBD										\$ -			\$ -
	<b>Subtotal Task 4</b>										\$ -	\$ -	\$ -	\$ -
<b>Task 5</b>	<b>Construction Support Services (Optional)</b>													
5.1	TBD										\$ -			\$ -
	<b>Subtotal Task 5</b>										\$ -	\$ -	\$ -	\$ -
<b>Total Hours and Fee</b>		<b>24</b>	<b>157</b>	<b>205</b>	<b>251</b>	<b>121</b>	<b>372</b>	<b>16</b>	<b>1146</b>	<b>\$ 251,630</b>	<b>\$ 38,456</b>	<b>\$ 1,500</b>	<b>\$ 291,586</b>	
<i>Percent of Hours:</i>		<b>2%</b>	<b>14%</b>	<b>18%</b>	<b>22%</b>	<b>11%</b>	<b>32%</b>	<b>1%</b>	<b>100%</b>					