



Job: 2612

Request for Change Order

Date work is needed: 01-Oct-26

Project name: Palmyra Westfield - Mixed Use

Description of work: Dewater NW Pond and Install Synthetic Liners is all 3 Phase Ponds

Location of work: NW Pond, South Pond and West Pond

Labor Usage: (Estimated qtys)

Position Description:	Quantity:	Hours:	Rate:	Total:
Operator - Liner Work	2	60.0	\$118.00 /hr.	\$14,160.00
Total Labor:				\$14,160.00

Equipment Usage: (Estimated qtys)

Equipment Description:	Quantity:	Hours:	Rate:	Total:
Generator for Dewatering Needs	2	240	\$33.00 /hr.	\$15,840.00
Small Excavator for Anchor Trench	1	60	\$67.00 /hr.	\$4,020.00
Small Dozer for Anchor Trench	1	60	\$82.00 /hr.	\$4,920.00
Small Pump for Local Water Control	1	6	\$50.00 /day.	\$300.00
Wheel Loader for Liner Deployment	1	60	\$105.00 /hr.	\$6,300.00
Total Equipment:				\$31,380.00

Material Usage: (Estimated qtys)

Material Description:	Quantity:	Rate:	Total:
1/2" Limestone	60 TON	\$17.00 /ton	\$1,020.00
Fabric as needed	500 SY	\$1.75 /SY	\$875.00
Total Labor:			\$1,895.00

Sub-Contractor Usage: (Actual quote)

Work Description:	Total:
Contract Dewatering - Place 11 Deep Wells around the perimeter of the NW Pond	\$63,000.00
Clean Air and Water Systems - Deliver Synthetic Liner and Weld Seams	\$117,600.00
Mobility for Subs	\$6,500.00
Total Sub-Contractor: \$187,100.00	

OH & ADM: \$11,726.75

C.O. Amount: \$246,261.75



September 3, 2026

To: UPI Construction

Attn: Estimating Department – Craig

RE: Public Improvements Westfield Development Phase 1
Palmyra, WI

Craig:

Per your request we are pleased to offer the following estimate covering the costs for the requested dewatering for the above-referenced project. Contract Dewatering Services, Inc. (CDS) will state the work it will perform and the equipment it will provide for this effort. All other costs will be listed in the Terms and Conditions section later in this text.

Contract Dewatering Services (CDS) was contacted for dewatering evaluation for the proposed Public Improvements Westfield Development Phase 1 project in Palmyra. It is our understanding that you may require dewatering to install the proposed sanitary lift station, sewer piping from Lift station to MH 1, and the Northeast wet pond on the project. CDS was provided with a set of plans, specifications, and soil borings for dewatering evaluation.

CDS test bored in the location of the lift station and northeast pond on August 25, 2026. The two borings showed fine sand, silty sand, and clay to 50' below grade. These soil conditions will make dewatering a challenge. The soils that were encountered will not drain as well as coarse sand. Due to the fine soils, CDS has designed the system to utilize PVC casings and screens on 30' well spacing around the proposed lift station and 50' well spacing around the wet pond perimeter.

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CDS reviewed the plans and Google Earth to get an idea of where to discharge water. This site does not appear to have a suitable discharge point. For this estimate, CDS has designed the system to discharge into the nearest wetlands. It is a possibility that discharging into the wetlands, the water could recharge back into the area we are trying to dewater. This may require the owner/GC to obtain an easement offsite for the discharge route to the creek. If this cannot be accomplished and/or an alternate discharge point is required, alternate pricing may apply.

For this estimate, CDS will offer a typical dewatering deep well system. Please keep in mind, even with active dewatering, some of the soils may remain saturated. We anticipate some sump pumping (BY OTHERS) inside the excavations will be required, especially at the Lift Station and sanitary sewer tie ins at MH1. This is typical of sites with fine soils and a combination approach of dewatering pre-drainage and sump pumping as needed is typically successful.

Dewatering System – Lift Station and 74' of Sanitary Sewer

To dewater the sanitary sewer, CDS proposes installing a typical dewatering well system. CDS will furnish and install 5 dewatering wells, install 5 submersible dewatering pumps, install discharge piping, and electrical wire as part of an equipment rental package to complete the dewatering system as indicated on the marked-up drawing.

Included in our dewatering estimate are the following items:

- Necessary freight to and from the job site of the listed dewatering equipment
- One mobilization of drill rig and crew to the site
- Cat 279 skid steer to self-support dewatering crew
- Furnish and install 5 deepwells 35' to 40' deep or refusal to drill whichever occurs first
- Furnish and install 5 +/- 3HP electric submersible pumps with riser piping
- Furnish and install up to 900' of 10" HDPE discharge piping
- Furnish and install up to 200' of 6-4 SOOW electrical ground cords
- Exchange of pumps that may become inoperative

We will provide this service for the lump sum of: \$51,000.00

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For up to 60 days of pumping for the sanitary dewatering system. Add \$110 per day beyond base contract period for use of the dewatering system

Dewatering System – Northeast Wet Pond:

To dewater the Northeast Wet Pond, CDS proposes installing a typical dewatering well system. CDS will furnish and install 11 dewatering wells, install 11 submersible dewatering pumps, install discharge piping, and electrical wire as part of an equipment rental package to complete the dewatering system as indicated on the marked-up drawing.

Included in our dewatering estimate are the following items:

- Necessary freight to and from the job site of the listed dewatering equipment
- Cat 279 skid steer to self-support dewatering crew
- Furnish and install 11 deepwells +/- 35' deep or refusal to drill whichever occurs first
- Furnish and install 11 +/- 2HP electric submersible pumps with riser piping
- Furnish and install up to 700' of 10" HDPE discharge piping
- Furnish and install up to 600' of SOOW electrical ground cords
- Exchange of pumps that may become inoperative

We will provide this service for the lump sum of: **\$63,000.00**

For up to 60 days of pumping for the north pond dewatering system. Add \$185 per day beyond base contract period for use of the dewatering system

PAYMENT: Monthly progress payments will be submitted with payments due in 30 days; retention shall be due 30 days upon the completion of pumping.

RENTAL TIME: Rental time begins upon start-up of the pumping system or a maximum of one week after the completion of Contract Dewatering Services Inc. system installation, whichever occurs first.

Alternate A: Additional mobilizations to and from the construction site of drill rig and personnel for \$15,000.00 (Above and beyond the one included.)

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Alternate B: CDS will return to the site at completion of pumping to disassemble the dewatering system. This includes removal of the submersible pumps, extracting the dewatering well casings, riser piping, discharge piping, and electrical cords. CDS will provide an excavator, skid steer, and telehandler for this effort. Place 2 tons of native clay backfill and / or bentonite grout material BY OTHERS adjacent to each of the dewatering wells for backfilling at extraction. Access and final restoration by others. We will provide this service for the additional sum of:

Lift Station: \$11,750

Northeast Pond: \$19,400

This pricing is for disassembly in one mobilization. This price may be negotiated lower if the GC provides heavy equipment or labor support. To potentially save costs this may be performed BY OTHERS.

EXCLUSIONS: The following items shall be furnished by the General Contractor:

1. Permits, line & grade, finalized location of dewatering wells, and expose underground utilities within 6' of dewatering wells for CDS drill crew. (Provide Vac Truck as needed)
2. Access to well locations, **clearing & grubbing of trees and trimming branches to 50' high at dewatering well locations**, building ramps if necessary, covering wells, traffic protection, and cleaning and removal of drill spoils as necessary.
3. To facilitate drilling wells, contractor to expeditiously provide excavation through concrete, boulders, or rubble when encountered.
4. **If possible, please leave sod and mow vegetation in the work area. Please do not strip topsoil, bench, or sub cut excavations before CDS drill rig arrives to install dewatering wells to improve access, drainage, and faster dewatering installation time. Additional costs will apply to a site that is subcut or poor access.**
5. **Provide a front-end loader with operator to load and unload CDS trucks. Estimated 13 loads of semi-truck freight to the site. Provide laydown area as indicated on project plans, or operated loader to advance dewatering equipment to work area. CDS can unload our semi-trucks for the additional sum of \$3,000 per day.**
6. **Cover, insulate, or relocate overhead power lines if required. CDS drill rig is 50' tall and cannot be within 15' of power lines or within tree branches.**
7. **Provide a 3-phase 480-Volt electrical generator or commercial power service equivalents to operate the dewatering pumps at locations indicated**

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on the marked-up drawings. Provide operation, fuel, rental, and maintenance of 480 Volt generators. Initial pumping to start at onset of dewatering well installation.

Lift Station Generator - 25KW

Pond Generator – 40KW

8. Provide labor and equipment to remove pumps, discharge piping, extract well casings, electrical wire, etc. at completion of pumping unless utilizing CDS disassembly option.

9. Installation and maintenance of sumps, pumps, and stone as needed to complete the dewatering inside the excavation.

10. Provide and stockpile “Birdseye” and “Torpedo Sand” as shown on the marked-up drawing. Gravel must be natural round washed material. Limestone or crushed stone will not work.

Lift Station: 75 tons

Northeast Pond: 165 tons

11. Surface water, erosion control, **earth retention systems**, and slope control.

12. Access to and secured storage area for CDS equipment and/or work trailer along easement (job site.)

13. Provide maintenance and operation of dewatering system, including replacing pumps that may become inoperable during use. CDS will supply back-up pumps stored on site.

14. If payment/performance bond is required, contractor to pay bond premium.

15. Contractor to provide adequate discharge location, weir pits, treatment of discharge water, silt bags, and any required plugging of wells.

16. Protection of CDS installed dewatering equipment.

17. Contractor is responsible for damages, theft, **flooding**, or loss of CDS pumping equipment on job site. If equipment is damaged beyond reasonable repair and therefore must be disposed of and replaced, GC shall pay for replacement cost at sole discretion of CDS. Instructions on how to use and operate rental equipment will be provided.

18. Equipment usage charge terminates at the time equipment is available to be loaded on CDS truck.

19. Provide personnel to monitor dewatering system and process reports as necessary.

20. Quality assurance program.

21. Option for PE stamp of the dewatering plans for the additional sum of \$7000.

NOTE: These items are listed in the interest of clarification of responsibilities and do not necessarily reflect cost to the contractor.

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CONDITIONS:

Our dewatering system should be sufficient to lower the ground water level below the sub-grade elevations except where **silts**, peat, marl, **clays**, **rock**, **fine sands**, refusal, or other impervious material is encountered. Where impervious material is encountered, it is expected that some ground water will remain trapped above these materials. Due to the provided shallow test soil borings and fine sand expected, CDS cannot guarantee a completely dry excavation. Some sump pumping by the contractor may be required to complete the dewatering.

This contract is limited to the furnishing and rental of the pumping equipment for this project and expressly excludes us from a liability from water flowing from or under existing structures, manholes, or pipe.

Our proposal is conditioned on proof of a performance bond sufficient to cover our work on the project and proof of liability insurance sufficient to protect us from claims resulting from the use or operation of the pumping equipment or lowered ground water.

We shall not be held liable for any costs due to strikes, delays, changed soil conditions, or other unforeseen conditions. If conditions arise for installing more equipment from, but not limited to, any of these conditions, a mutually agreed upon price shall be negotiated before such additional work commences.

Trusting the above meets your needs and assuring you of our utmost cooperation, we look forward to hearing from you.

Sincerely,

CONTRACT DEWATERING SERVICES INC.



Ryan Jackson
Estimator / Project Manager
Cell (616) 902-1241
ryan@contract-dewatering.com

ACCEPTED BY:

DEWATERING DONE RIGHT.

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Name

Title

DEWATERING DONE RIGHT.

SINCE 1979



PROJECT: Westfield Development Wet Ponds

LOCATION: Palmyra, WI

REVISION: 1

DATE: 8-25-26

Clean Air And Water Systems, LLC (CAAWS) appreciates the opportunity to provide the following proposal for your consideration. CAAWS scope of work includes supply and installation of the following materials based upon our Pricing Information and in accordance with the terms, conditions and prices set forth in the attached pages.

Item	Description	Est. Qty.	Units	Unit Price	Amount
1	40 mil HDPE Geomembrane Liner for 3 Wet Detention Ponds - Northeast liner terminates in anchor trench at elev 827.10 - North liner terminates in anchor trench at elev 821.50 - Southwest liner terminates in anchor trench at elev 822.30	112,000	SF	\$1.05	\$117,600.00

PRICING DETAILS:

- CAAWS complete proposal shall be incorporated within any contract or purchase order.
- Pricing excludes performance/payment bonds. Bonds can be provided for an additional charge of 2% of contract value.
- Prices include sales tax on materials.
- **Prices are valid for 14 days from the date of proposal with material FOB jobsite.**
- **Contractor is to supply CAAWS heavy equipment and operator(s) per Section 2.0.**
- CAAWS proposal is based upon open shop/non-prevailing wage rates.
- CAAWS shall provide all needed supervision, QC personnel, technicians and labors to complete the project in an efficient and quality conscious manner.
- CAAWS used partial bidding information and reserves the right to modify this proposal upon review of complete plans and specifications for this work.
- Measurement and payment shall be based on actual measured in place quantities including material in anchor trenches.

Section 1.0 - Scope of Work Performed by CAAWS

- 1.1 Prepare and submit shop drawings/submittals to be approved by the Project Engineer in advance of installation.
- 1.2 Materials will be deployed from high end to low end on subgrade approved by CAAWS. Subgrade approval is a visual inspection ONLY for conditions relating to our scope of work. At the conclusion of each day's work, CAAWS will execute a subgrade acceptance form accepting the surface of the subgrade lined that day.
- 1.3 Field seams will be visually inspected, non-destructively tested and destructively field tested by the CAAWS QC technician in accordance with the manufacturers QA/QC guidelines and/or project specifications. Upon completion of CAAWS work, post installation submittals will be provided if required by the project specifications. As-built panel layout drawing for geomembrane liner only will be based on field sketches and measurements.
- 1.4 Low ground pressure equipment will be allowed to operate on the geosynthetic material surfaces during installation and repair operations.
- 1.5 Manufactures standard material certifications will be provided in accordance with their standard MQA procedures.
- 1.6 Supply and Installation of 6 EA. standard pipe penetration boots have been included. Any additional penetration boots (24" or less in dia.) will be provided at \$350.00/EA. Flared End Sections or flanges must be removed by others prior to mobilization of CAAWS for pipe boots to be properly installed.

Section 2.0 - Scope of Work Performed by Others

- 2.1 Subgrade preparation and maintenance in a condition suitable for the installation of geosynthetics utilizing standard installation methods. The subgrade must have the ability to support heavy rubber tire deployment equipment without damaging the subgrade surface. The subgrade must be free of rocks, sticks, roots, vegetation, sharp objects and debris of any type which may damage the liner.
- 2.2 Unloading and storage of all geosynthetic materials (maximum roll weight being 6500 pounds) within 250' of the work area. The storage area must also be secured from theft, vandalism, mud, and other sources of damage.
- 2.3 Excavation, backfilling, and compaction of all anchor trenches with spoil piles leveled off for safe walking access.
- 2.4 Provide secure on-site area within a reasonable distance to the work area for CAAWS equipment.
- 2.5 Continuous dust control including any needed watering of subgrade or haul roads.
- 2.6 Continuous removal of any rainwater, groundwater, snow, and ice from the liner surface, anchor trenches or subgrade to permit uninterrupted installation and quality control procedures by CAAWS.
- 2.7 Sufficient access and operating room around the area to be lined to permit handling and deployment of materials.
- 2.8 All CQA activities including but not limited to:
 - a. As-built survey for geosynthetics panel layouts.
 - b. Independent laboratory destructive seam testing, material conformance testing and friction angle testing.
 - c. On-site third-party QA inspectors.
 - d. Water leakage testing and/or electrical leak location survey.
 - e. Final documentation not listed under Section 1.0 that maybe required.
- 2.9 All appurtenances such as, but not limited to, pipe work, concrete, and steel structures.
- 2.10 Access to portable restrooms and dumpsters near the work area for use CAAWS employees.
- 2.11 Clean fine sand for sandbags.
- 2.12 Heavy equipment and operators for use in deploying the geosynthetic materials. Deployment is estimated to be completed in 4 to 5 good weather working days. This will require one machine and operator fulltime for deployment.

Section 3.0 - General Conditions / Special Conditions

- 3.1 All invoices will be due upon receipt. Invoices not paid within 30 days from the date of issue may be subjected to a finance charge of 1½% per month (18% annual percentage rate) or at the maximum rate allowed by law on the unpaid balance from the date of issue until payment is received.
- Materials will be invoiced upon shipment and must be paid in full with no retainage withheld.
 - Installation charges will be invoiced monthly as the project progresses. Retainage shall not exceed the percentage required within the project specifications. Final payment of any retainage withheld must be paid within 60 days of CAAWS substantial completion of each phase or final completion of the project.
- 3.2 CAAWS will provide purchaser with our standard certificate of insurance. Sample certificate is available upon request.
- 3.3 CAAWS will indemnify the purchaser, the owner, and other appropriate parties from claims of loss, damage, or destruction of property or injury to persons that arise from or is in connection with the work of CAAWS to the extent of CAAWS negligence. No liquidated, indirect, incidental, or consequential damages shall be assessed to CAAWS.
- 3.4 The prices quoted herein are based on the current resin and freight pricing along with market conditions at the time of this quote. CAAWS reserves the right to pass along resin and freight increases and/or market conditions including non-market adjustments. Non-market adjustments (NMA) are implemented on rare occasions when it is determined that the level of a price assessment has become insufficiently representative. The NMA does not represent any actual market price movement.
- 3.5 Force Majeure: In any event and in addition to all other limitations stated herein, CAAWS shall not be liable for any act, omission, result or consequence, including but not limited to any delay in delivery or performance of any government order, any order bearing priority rating or order placed under any allocation program (mandatory or voluntary) established pursuant to law, industry skilled labor shortage, fire, flood, or other casualty, governmental regulation or requirement, shortage or failure of raw material, supply, fuel, power or transportation, breakdown of equipment or any cause beyond CAAWS's reasonable control whether of similar or dissimilar nature to those above enumerated, or due to any strike, labor dispute, or difference with worker, regardless of whether or not CAAWS is capable of settling any such labor problem. CAAWS shall not be liable for any breach of this contract by an act of God, civil insurrection or disobedience, pestilence, war, or acts of third parties not under direct control of CAAWS.
- 3.6 Manufactures will provide a five (5) year prorated liner material warranty per their standard terms and conditions. CAAWS will provide a one (1) year non-prorated installation warranty per our standard terms and conditions.
- 3.7 Survey measurements to determine payment quantities will only be accepted if conducted prior to any soil cover placement. In case of quantity disputes, CAAWS as-built panel layout quantities shall prevail.
- 3.8 Changes to the scope of work must be authorized by the owner/contractor in writing with agreed to pricing before additional work will commence.
- 3.9 CAAWS will not be responsible for any damages to the liner from work performed by others, ground water and/or gases that accumulate beneath the liner.
- 3.10 Unless otherwise specified in CAAWS proposal, this proposal is based on work being performed under standard Health and Safety Level "D" protective conditions. CAAWS will provide any necessary hardhats, safety vests and safety glasses for its employees. Soft soled safety shoes will be worn by all employees working on the liner.
- 3.11 Overall safety of the job site and safety of individuals not employed by CAAWS will be the responsibility of the client. The client should be aware that the liner installed by CAAWS may be very slippery, particularly when wet. Care must be exercised when walking on all the geosynthetics.
- 3.12 CAAS Systems has made no provisions for stainless steel battening since none were indicated on the drawings. Standard stainless steel batten is \$50.00/LF.

Section 4.0 - Scheduling of Work

- 4.1 CAAWS has included one (1) mobilization/demobilization in our pricing. Any additional mobilizations will be invoiced for an additional \$3,500.00.
- 4.2 Material delivery is subject to availability at the time of award and delivery shall be coordinated with the client.
- 4.3 CAAWS requires four (4) weeks written notice prior to mobilization or each remobilization. If project schedule is delayed, CAAWS will work in good faith to accommodate the revised schedule based on crew and material availability with respect to other commitments.
- 4.4 CAAWS proposal is based upon completing this project within favorable weather conditions between March 15th and November 1st. CAAWS reserves the right to renegotiate pricing if the project is delayed or accelerated into a non-favorable season.
- 4.5 CAAWS requires 80,000 sf of approved subgrade available for deployment at the beginning of each workday.
- 4.6 Once project is commenced, installation must proceed in a continuous and uninterrupted fashion. CAAWS personnel will work 6 days per week/10 hours per day to meet project deadlines.

Limit of Liability and Waiver of Consequential Damages:

The liability of Subcontractor on all claims of any kind, including Identification, for all losses or damages arising out of or resulting from this project shall in no case exceed the amount of its available and collectible insurance. In no event shall Subcontractor be liable for any special, indirect, or consequential damages under any cause or form of action whatsoever. This provision shall prevail over any conflicting provision of this proposal and any project contract entered by Subcontractor.

Acceptance of this proposal, Owner/Contractor hereby agree to these terms and conditions including the attached clarifications to specifications, if any and shall constitute a contract and included within any additional project's contract.

Clean Air And Water Systems, LLC

Acceptance

Approved by:



Roger Krabel

Company: _____

By: _____

Title _____

Date: _____