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February 5<sup>th</sup>, 2025

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From: *Gina Pannoni*  
E-mail: [Gina.Pannoni@layfieldgroup.com](mailto:Gina.Pannoni@layfieldgroup.com)  
Mobile: 206-473-0776  
Project Code: 25E136\_V3  
Project Name: Astoria Floating Covers Repairs  
Project Estimator: Josue Rodriguez

**DAILY RATE PROPOSAL LETTER:**

Layfield USA Corporation is pleased to present our proposal for the Astoria Floating Covers Repairs project. Our proposed scope of work, pricing, conditions, inclusions, exclusions, and clarifications are detailed below for your information. Layfield’s proposal is subject to the standard terms and conditions as stipulated in the attached “Appendix A”.

**A. SCOPE OF WORK:**

Replace damaged floating cover panels C12 through C16 (5 each) and perform repair tears/holes found in panel C10 at Reservoir #2. Layfield found delamination, tears and holes on panels C12 through C16. Layfield deduces more holes, and delamination will continue to occur. Therefore, Layfield’s recommendation is to replace these panels.

Replacing panels C12 through C16 involves removing the slope trough floats, sandtubes, and walkway step floats. Layfield will remove and reinstall these. It is assumed sandtubes, floats, and skin floats are in good condition and can be reused.

Furthermore, after looking at the as-built plans, Layfield observed panels C12 through C16 extend beyond the floor trough. Layfield will attempt to cut and weld the replacement panels 3-5 ft before the floor trough to reduce additional costs involving removal and reinstallation of floor trough floats & sandtubes, sump pump floats, and vents. This plan assumes the geomembrane panels are in good shape near the floor trough. If unsuccessful, Layfield will have no other choice than to remove the floor trough, sump floats, and vents. Cost for removing the floor trough is shown as an add-on pricing.

Geosynthetic installation is in accordance with the following:

- Record As-Built Plans and Cover Layout for Astoria Reservoir No. 2
- Site visit inspection
- Communication between Layfield and customer
- Repair Plan (See Appendix B below)

Layfield is offering a daily rate for installation. This proposal shows 4 days to complete the work. It is assumed repair work is continuous and there will be no stand down time. All work will be done in one single mobilization. The duration might reduce or extend if we experience interruptions, access to deploy the cover is difficult, additional repairs are found or bad weather conditions. Project shall be billed on actual days worked on site, rounded to the next full day.

**B. PRICING:**

Description	Unit Rate	Quantity	Unit	Extended Amount
Mobilization	\$ 7,879.00	1	each	\$ 7,879.00
Materials	\$ -	1	lsum	\$ -
Material Freight	\$ 6,000.00	1	lsum	\$ 6,000.00
Fabrication	\$36,913.00	1	lsum	\$ 36,913.00
Daily Labor Rate	\$ 8,190.00	4	day	\$ 32,760.00
<b>Estimated Total @ 4 Days</b>				<b>\$ 83,552.00</b>

**Add-On Pricing (if needed) - Removal & Reinstallation Floor Trough**

Description	Unit Rate	Quantity	Unit	Extended Amount
Daily Labor Rate	\$ 8,190.00	5	day	\$ 40,950.00
<b>Estimated Total @ 5 Days</b>				<b>\$ 40,950.00</b>

**C. CONDITIONS OF THE PROPOSAL:**

- Bid proposal is good for 30 days from date above.
- Delivery of all materials to site within 60 days of award and payment of materials net 30 days after delivery, upon approved credit.
- Final payment net 30 days upon Layfield's completion, upon approved credit.
- Current lead time for Layfield personal to be on site is **6-8 weeks** upon notice.
- State OR prevailing wages are applied to this job. Layfield USA Corp. is not a union contractor.
- Sales tax is not included in this proposal.
- The work shall be permitted to continue up to 10 hours per day and 6 days per week, at Layfield's discretion (subject to compliance with legislated limits).
- Bonds are not included in this proposal (to add bonds see attachment A, Item 7).
- Disposal bin(s) and portable bathroom(s) are to be located within 200' of the work area.
- Contractor to provide subgrade surface prepared to + or - 1/2" from proposed contours. Subgrade is to be free of rocks, debris and any other foreign materials that might perforate the liner. Contractor is responsible for superficial inspection of the fine grade work prior to liner installation to ensure integrity of the liner
- Layfield assumes the Buy American or AIS clauses do not apply to this project. If this is incorrect, please let us know as soon as possible to adjust our pricing.
- Standby days are defined as a suspension of uninterrupted work due to severe weather, delays or interruptions by other trades for an unreasonable period of time. Standby days will be charged at the rate shown on section B.
- Layfield is providing a full crew 4 technicians + 1 supervisor to take care of installation work
- Installation area to be free of obstructions to allow for continuous installation of geotextile, liner, penetration boots, and batten bar.
- Client to unload the delivered material onsite before Layfield mobilization. Material to be stored and staged within 200' of installation area.
- For bidding purposes, Layfield assumes the following. If any of the assumptions are wrong, please inform Layfield so we can adjust our pricing:
  - *There will be adequate fair access onsite to deploy materials.*
  - *Trees and shrub removal by others.*
  - *Subgrade preparation by others.*
  - *Any leftover material not used will be left on site to be utilized for future use.*

**D. INCLUDED IN THE PROPOSAL:**

1. Removal of damaged CSPE panels. Disposal of floating cover panels by owner.
2. Furnish and install 5 new CSPE panels (C12, C13, C14, C15 & C16). See Appendix B for details
3. Removal and reinstallation of slope trough (sandtubes & floats) & step walkways. See appendix B for details
4. Removal and reinstallation of floor trough is included as an **add-on**.
5. Our quote has included the cost of one mobilization/demobilization. For additional mobilization cost please request price.
6. Freight of materials to jobsite is included in this proposal.
7. Onsite testing of field seams with tensiometer is included in this proposal.
8. Forklift for unloading and deployment of materials is included in this proposal.

**E. EXCLUDED FROM THE PROPOSAL:**

Layfield has not included the following allowances in our proposal pricing, all of which shall be extra to the contract; or **shall be provided by others at no cost to Layfield.**

1. (Dumpster) On-site disposal bin(s) per local regulation are not included in this proposal.
2. (Bathroom) On-site portable bathroom(s) per local regulation are not included in this proposal.
3. (Testing) Third party testing of geomembranes is not included in this proposal.
4. (Survey) Survey of the worksite to establish benchmark coordinates is not included in this proposal.

5. (Utilities) Location and protection of underground utilities is not included in this proposal.
6. (Anchor Trench) Earthworks for anchor trench excavation and backfill is not included in this proposal.
7. (Earthworks) Earthworks costs as spoils removal, sub grade preparation, utilities and structural excavation are not included in this proposal.
8. (Dewatering) Dewatering for the purposes of maintaining the geo-membrane installations work area dry and free from standing water is not included in this proposal.
9. (Disinfection) Disinfection of reservoir is not included in this proposal.
10. Replacement of any hardware (batten bar, vents, hatches) are not included in this proposal.

**F. PROPOSAL CLARIFICATIONS:**

- Layfield offers a **1 year warranty on labor** (limited Installation Warranty to geo-membrane installation workmanship). The manufacturer of the geo-membrane shall offer a **5 years warranty on materials** (Pro-Rated Material Weathering Warranty).
- Layfield reserves the right to modify our proposal to reflect any material increases in costs incurred by resin and freight after the quotation expiration time limit.
- Safe, complete and clear worksite access at all times during prosecution of the Work including, but not limited to, unobstructed access for installation equipment around the entire top perimeter of the Work.
- Layfield will require a minimum (3-5) three to five weeks, notice in order to procure materials and to schedule the arrival of our Installation crew at the site. Project final design drawings shall be issued to Layfield, prior to Layfield procurement of materials so that the quantities stipulated in our quotation can be reconciled.
- Layfield's standard QA/QC testing program shall be the exclusive testing program used on this project.
- \*Layfield defines the neat area as the area inclusive up to the top of slope including slope allowances.
- Layfield defines fair weather days as temperatures between 40-100 °F during working hours. Installations cannot take place in winds over 15-20 MPH, in the presence of moisture, of any kind (fog, rain, high humidity, etc.), or in temperatures below freezing without a major impact on seam quality and work productivity. If unsuitable conditions exist, Layfield will need an extension to the schedule due to work loss caused by these conditions at a possible additional charge.

*There shall be an increase to the proposal sum or extension of the time for completion due to any erroneous descriptions or omissions, etc. in the contract documents which are clearly necessary to carry out the intent of the contract and are customarily performed or furnished by contractors performing work similar to the proposed.*

**G. CONTRACTOR'S LICENCE:**

CA # 837614

**H. ATTACHMENTS:**

Appendix A

If you require more information or clarification to evaluate Layfield's proposal, please contact the undersigned.

Regards from Layfield USA Corporation,

Gina Pannoni  
 206-473-0776  
[Gina.Pannoni@layfieldgroup.com](mailto:Gina.Pannoni@layfieldgroup.com)

**Acceptance of Price Quotation:**

I (the undersigned) accept this Price Quotation and authorize Layfield USA Corporation to proceed with the entire scope of work stated herein.

Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name and Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Purchase Order No.: \_\_\_\_\_

## Appendix A

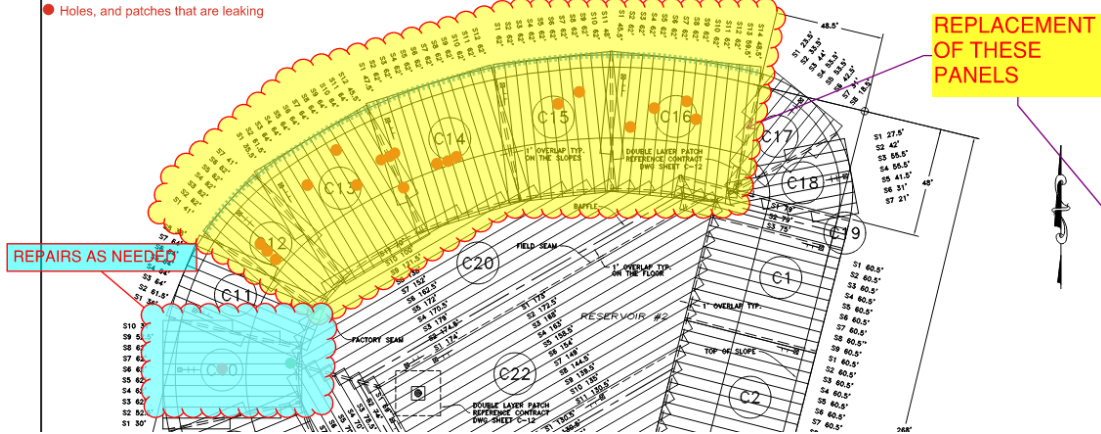
### Standard Terms and Conditions:

1. Union or prevailing wages (per Davis-Bacon) are applied to this job. Layfield USA Corp. is not a union contractor.
2. Layfield USA Corporation reserves the right to exercise privileges related to lien rights and notices based on state law, which includes but does not limited to standard Preliminary 20-Day Notices.
3. Others shall ensure that release(s) of the work site to Layfield, complete with subgrade and contiguous works by others prepared in accordance with the Specifications & liner manufacturer's recommendations, are conducted in a timely manner such that the Work may proceed continuously without interruption or delay, fully utilizing Layfield's designated crew. Costs of interruptions or delays, including but not limited to additional mobilization and demobilization cycles, standby, dewatering assistance, and diminished productivity resulting from actions or inactions of others that are beyond the control of Layfield, shall be extra to the Contract.
4. Quality of the Work shall conform to Layfield's Quality Assurance / Quality Control (QA/QC) program and to the standards in the Contract Documents subject to any exceptions or clarifications in Layfield's Proposal.
5. Terms: Prices do not include Sales Tax, unless otherwise noted
  - i. Prices are F.O.B. Jobsite, unless otherwise noted
  - ii. Prices presented are based on the scope of work stated herein, in its entirety
  - iii. Payment net 30 days O.A.C.
  - iv. Interest charged on overdue accounts at 1.5% per month (18% per annum)
6. The prices quoted are based on plastic resin prices on the date of the Proposal and are subject to adjustment at Layfield's discretion to account for resin price increases after the date of the Proposal. All prices are F.O.B. the Seller's plant and unless otherwise specified, exclude all local, state, or federal sales taxes. Proposal prices apply only in the quantity and on the shipping schedule, named in the proposal and unless the Seller expressly agrees to the contrary in writing, such proposals are subject to change without notice. Prices are subject to change in the event of increases in customs duty, sales, excise, or other similar taxes, or increases in freight, insurance, of variation in foreign currency exchange rates, or in the costs of manufacture.
7. Layfield's senior on-site representative has sole discretion to temporarily to stop work if, in the representative's opinion, weather conditions inhibit the safe and proper prosecution of the Work. Layfield will not be responsible for any costs, claims or damages, including but not limited to crew downtime, standby, subsistence, mobilization, consultant fees and liquidated damages incurred by others as a result of weather delays in Layfield's Work.
8. Layfield has not included in its price the costs of any Bonds. We will, upon reasonable notice, supply the same as an extra to the Contract, at Layfield's cost plus ten percent (10%). The bond is an AIA standard document if a bond is required.
9. Layfield's warranty obligations shall apply only to the installation of the geosynthetic components. The manufacturer of materials shall provide any warranty of the geosynthetic materials to be installed or supplied hereunder, and Layfield shall have no obligations with respect to the same.
10. Layfield's installation warranty shall commence upon acceptance of the geosynthetic components by the Owner or its representative as such components are completed. The installation warranty period shall be 1 year warranty on labor and shall only cover geosynthetics installation workmanship. The installation warranty shall cover only the cost of replacement or repair, at Layfield's discretion, of the defective workmanship and only to the standards specified in the Contract Documents. Layfield shall not be liable for any damages, including without limitation, any special, direct, indirect or consequential damages arising from the loss of integrity of a part or all of the geosynthetics installation, howsoever caused.
11. Layfield shall not be responsible or held liable for defects, damage and/or deficient materials and installations, either in whole or in part, should these arise or result from the use of poor quality, inappropriate or unsuitable earthworks material, including the use of inappropriate methods employed to construct the earthworks in contact with the completed geosynthetic installation, or from misuse, vandalism or force majeure.
12. Layfield's installation warranty is limited to repair or, at Layfield's discretion, replacement of defects that are demonstrated to Layfield's satisfaction to be the result of substandard workmanship by Layfield. Such warranty work shall be performed only to the same standards and Scope of Work as set out in the Contract Documents. Layfield shall not be liable for any damages, including without limitation, any special, direct, indirect, consequential or incidental damages arising from the use of the geosynthetics installation, howsoever caused.
13. All additional costs incurred by Layfield to accommodate "Extreme Weather Conditions" installation, shall be added to the Contract Price. Further information can be provided upon request.
14. Layfield agrees that the Owner or Contractor may maintain a holdback pursuant to Builder's or Mechanic's Lien legislation applicable to the place of the Work until forty-five (45) days following Total Performance of the Work hereunder. Release of any holdback shall be made at that time, notwithstanding that the Contractor may not have received or be entitled to receive holdback release from the Owner.
15. Layfield's Proposal is based on using the *Associated General Contractors Subcontract Form 650* as the Form of Agreement between Layfield and the Contractor. Layfield reserves the right to modify its proposal, to negotiate acceptable terms and conditions with the Contractor, or to refuse to execute the subcontract in its entirety if the Contractor imposes any other form of agreement.

## Appendix B

### Panel Replacement Plan

- Float has pulled away from liner
- Holes, and patches that are leaking



ASTORIA RESERVOIR NO. 2 GEOMEMBRANE PANEL SIZES			
MATERIAL TYPE: 45 MIL BLACK/WHITE HDPE/LLDPE COVER			
TOTAL ROLL MATERIAL REQ'D: 75,000 SQFT			
PANEL	GROSS SF	NET SF	PANEL WT
C1	3688	3507	1217
C2	3688	3507	1217
C3	3785	3599	1249
C4	2278	2185	752
C5	3360	3195	1109
C6	3647	3468	1204
C7	2860	2719	844
C8	2471	2349	815
C9	2245	2135	741
C10	2735	2599	902
C11	2514	2200	764
C12	1919	1825	633
C13	3650	3470	1205
C14	3706	3524	1225
C15	3363	3206	1100
C16	4244	4035	1401
C17	1554	1449	503
C18	1554	1459	506
C19	1184	1126	391
C20	8199	7796	2706
C21	2670	2539	851
C22	8573	8151	2829
C23	5225	4985	1724
<b>TOTAL</b>	<b>78590</b>	<b>75008</b>	

### Floating Cover Appurtenances to be Removed

