

15/03/2024

Quote Reference Number: Q23-6494

Revision 4

Recipient Name: [REDACTED]

Company: Costa

E: [REDACTED]

M: [REDACTED]

Dear Madam,

RE: Costa Pond 2&3 Liner replacement

The undersigned submits this proposal for the above-mentioned project subject to the conditions and exclusions detailed below.

TENDER SCHEDULE

Item	Description	Quantity	Units	
Lining Works				
1	Mobilisation	2	each	
2	Supply and Installation of 2mm HDPE Liner to 2 ponds	2,472	m2	
3	Connection to Pond 1	34	lm	
4	Installation of battening to concrete wall	70	lm	
TOTAL				
Discount				
4	Discount if mobilisation is at the time of Cwise job	2	each	
5	Discount if Client provides Excavator for works	1	item	
TOTAL				
Provisional items				
6	Variation works on daily hire for a crew	TBA	day	

Conditions and exclusions:

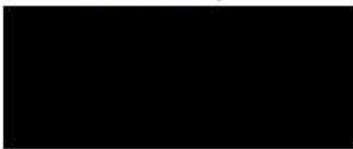
- 1) This proposal is a schedule of rates, based on the measured installed surface area, including material placed in anchor trenches. Waste and overlaps are included in the unit rates. If the area changes by 2% we reserve right to reprice the project.
- 2) We have assumed that the subgrade under existing liner is in good condition and the new liner will be placed over the existing liner with no need for removal of the liner.

- 3) Quantities are based on the following
 - a) 2 x ponds measurement during site inspection
 - b) Assumption that the anchor trench will be dug out 0.5m past the current anchor trench.
Allowed anchor trench dimensions 1.5m from crest x 0.5m x 0.5m.
- 4) Client is to free-issue the following
 - a) All earthworks and civil works, including but not limited to
 - i) Removal of all instruments/ concrete blocks/ pipes present in and around the ponds.
 - ii) Removal all items (including concrete blocks and a tree) between Ponds 2&3.
 - iii) Removal of fences around ponds
 - iv) Emptying ponds and removal of the sludge from all ponds
 - v) Excavation and backfill of anchor trenches (both temporary and permanent)
 - vi) Preparation and maintenance of subgrade for the duration of the construction period
 - vii) Rain, storm, and groundwater management including dewatering and rectification of the effects thereof
 - viii) Clean from excessive dirt of the existing liner from Pond 1 ready for welding of a new liner.
 - b) Site amenities including but not limited to
 - i) Crib and ablution facilities for staff and craft personnel
 - ii) Office facilities as required for onsite management
 - c) Unloading of goods and bulk material (delivered prior to mobilisation to site)
 - i) Storage of materials in accordance with requirements of the technical specification and the manufacturer's recommendations
 - ii) We assumed storage for materials will be located in the shaded area out the back (photo#1 attached). The access road to the laydown must be suitable for driving with excavator.
 - iii) Where unencumbered access within a reasonable distance is not provided, the Client is to transport materials to the work front on an as-required basis.
 - d) Construction waste disposal (provision of suitable 20m³ skip bins or an onsite disposal facility)
 - e) Survey (internal or independent) for as-constructed drawings and models as required
 - f) Material for construction ballast (sandbags)
 - i) Washed sand, or
 - ii) General fill passing a 4mm sieve
- 5) If the Client is not able to prepare the site to the required conditions, we reserve the rights to install the liner on hourly hire basis with rate [REDACTED] + GST (for a crew of 5 with an Excavator). We will charge then for each day while being on site.
- 6) Included in this quote:
 - a) 2 x mobilisation of 5-person crew
 - b) Accommodation and messing
 - c) 14T excavator
 - d) Supply and installation of 2mm smooth HDPE Liner compliant with GRI-GM13. Materials are currently in Perth stock, subject to prior sell.
 - e) Connection with the Liner from Pond 1 (anchor trench).
 - f) Temporary ballast of the Pond 3 Liner between mobilisation, ready for connection with Ponds 2.

- g) Anchor batten of the liner (with chemical anchors @ 300mm centres as per MLS standard design) to the concrete wall along Pond 3.
- 7) We will provide a discount for:
 - a) Mobilisation if we can plan works around C-Wise project with Pond 3 immediately installed before the C-Wise dam and Pond 2 immediately after the C-Wise dam.
 - b) Supply of 14T Excavator if the Client will provide us with appropriate machinery for the works.
- 8) Construction and procurement activities shall be performed in accordance with Merit Lining Systems management plans and their referenced documents including but not limited to
 - a) MLS-OP-PLN-002 HSE Management Plan
 - b) MLS-OP-PLN-003 Quality Management Plan
 - c) MLS-OP-MAN-001 Field Quality Control Manual
- 9) Construction and procurement activities shall be performed in accordance with Merit Lining Systems standard process and procedures and the below listed GRI Specifications
 - a) GRI GM13 – Test Methods, Test Properties and Testing Frequency for High-Density Polyethylene (HDPE) Smooth and Textured Geomembranes
 - b) GRI GM19a – Seam Strength and Related Properties of Thermally Bonded Homogeneous Polyolefin Geomembranes/Barrier
- 10) The following conditions apply to the installation, seaming and quality assurance of materials
 - a) Geomembrane Destructive Testing – ASTM D6392 shall be used, including the method of calculating peel separation, and Locus of Break Code definitions. The passing criteria shall be as per the GRI-GM19 Standard Specification for Seam Strength
 - b) Connection between Pond 1 existing liner to Pond 2 new liner will be done with the introduction of the anchor trench of between 2 ponds: (Pond 2 Liner to be cut and peeled back, anchor trench to be dug out in between ponds, Pond 1 liner to be placed in the AT with temporary ballast (by others). New Liner from pond 2 to be anchored in the new AT and backfilled (by others).
- 11) Material supply items include the cost of freight to site, not including unloading activities subject to the below
 - a) An allowance of 1 hour per trailer for unloading, with additional time charged at \$160/hour
 - b) Geomembrane shall be supplied with two slings, pre-slung
- 12) The proposal is based on the Building and Construction General On-site Award
 - a) Working hours of 0630 to 1700 (10 hours), Monday to Saturday
 - b) Day shift only, if night shift is required, additional labour and equipment costs shall apply
- 13) The proposal is based on unencumbered access to the work area (from all sides) and assumes that cranes are permitted to traffic the subgrade to deploy materials.
 - a) The client is responsible for maintaining and rectifying subgrade as required following deployment activities, notably when excavators are utilised as the crane
 - b) We require access to the ponds from all sides for deployment purposes. We allowed not to drive on top of existing liner.
- 14) The following general exclusions apply
 - a) Additional mobilisations, inductions, and training above the quantity listed in Q23-6494-BD-TEN-001 Tender Schedule
 - b) Medicals, Drug and Alcohols and Police Checks
 - c) Offsite training including but not limited to

- i) Site-specific 3rd party or in-house, offsite training
 - ii) Working at Heights/Rope Access
 - iii) Confined Space
 - iv) Labour hours shall be charged at [REDACTED]
 - v) Training courses shall be charged at cost plus 15%
 - d) Unproductive time (stand down) due to
 - i) Unavailable earthworks and earthworks rectification activities
 - ii) Inclement weather and the effects thereof (fog, rain, wind, windblown dust, or sand)
 - iii) Time spent waiting for inspection and hold point release, or permitting procedures when appropriate notice has been provided
 - iv) Stand-down time shall be charged as per the schedule of rates Q23-6494-BD-TEN-001 Tender Schedule
 - e) Independent or laboratory testing of destructive weld samples
 - f) Independent or laboratory testing of supplied or free-issued materials including sampling, packaging, and freight of samples to the laboratory
 - g) Any works with fixing subgrade/existing liner or removal of sludge from the liner. If required works involve any additional works rather than installation of the liner, then the rate is based on daily hire of [REDACTED]
 - h) Any cushion geotextile to protect liner.
- 15) Pipe Boots (MLS standard detail) - [REDACTED]
- 16) Sealing Batten (chemical anchors at 150mm centres) - \$320 per lineal metre
- 17) Additional Extrusion Welding - [REDACTED]
- 18) Invoice for the supply of all materials shall be issued upon delivery to site. Should delivery be delayed unreasonably by the client, the materials shall be invoiced when available for delivery, and additional storage and handling charges may apply
- 19) No allowance has been made for bank guarantees or retention
- 20) No allowance has been made for liquidated damages
- 21) The proposal is conditional on applicable COVID-related directions from a Federal, State or Regional Government, or governing bodies, not impacting the ability to adequately resource the project with appropriately skilled personnel
- 22) All prices in this proposal and attached documents exclude GST
- 23) Validity period – 7 calendar days from date of proposal

Yours Sincerely,



Business Development Manager
MERIT LINING SYSTEMS PTY LTD