

## **COLUMBIA IRRIGATION DISTRICT GEOMEMBRANE AND GEOTEXTILE REQUEST FOR QUOTATIONS**

The Columbia Irrigation District (CID) is soliciting quotations to supply geomembrane and geotextile for installation in their Main Canal and Lateral 1 Canal. The Columbia Park Trail segment of the Main Canal and Lateral 1 Canal to be lined are trapezoidal in shape with approximately 1.5 horizontal to 1 vertical side slopes. The quantities shown are based on installation of the membrane with the narrow dimension installed parallel to the canal centerline. Suppliers proposing materials with different roll widths, installation orientation, joint overlap requirement or other changes that impact the quantity of material required, must adjust the quantity of material provided accordingly. The quantity of material supplied, and prices quoted by the supplier must provide sufficient material to line the following areas of canal.

- 1) Lateral 1 Canal, 16 ft wide by 1,250 ft long = 20,000 sq ft
- 2) Columbia Park Trail, 48 ft wide by 1,700 ft long = 81,600 sq ft

The areas shown include the anchor trench requirements along each side of the canal.

The geomembrane and geotextile will be installed by CID personnel and will be placed directly on prepared ground in existing earthen lined canals.

All material supplied must be suitable for installation and provide a long life when installed in direct sunlight.

Roll lengths are not to exceed 250 feet.

### **Geomembrane and Geotextile Specifications**

The geomembrane supplied shall be Aquamaster's ArmorGrip 40. Alternate materials may be supplied but must meet or exceed the strength, durability and other physical features of the ArmorGrip 40.

The geotextile supplied shall be an 8 oz/SY non-woven, needle-punch polypropylene fabric. If the geotextile is provided separately sufficient material shall be provided to allow for minimum 1 ft overlaps between panels.

Preference will be given to geocomposite products where the geotextile is laminated to the back of the geomembrane.

The manufacturer must provide submittals with their quote detailing the physical properties of the geomembrane and geotextile being quoted. The submittal must also describe installation and seaming requirements and methods for the material.

### **Warranty**

The geomembrane provided shall have a minimum 20 year prorated warranty when installed exposed on an earthen subgrade. A copy of the manufacturer's standard warranty shall be included with the quote.

## **Other Requirements**

The CID reserves the right to reject any and all quotes and to select the geomembrane manufacturer whose product is in the best interests of the CID.

No Bid may be withdrawn within 60 days of the Bid due date.

The price quoted above shall be FOB Kennewick, Washington. Delivery will be required within 4 weeks of the manufacturer receiving notification that their geomembrane and geotextile was selected by the CID.

The price quoted shall exclude any applicable sales tax.

Payment to the supplier will be made within 45 days of delivery of the material to the site.

Quotes for the geomembrane and geotextile must be received by the CID on or before 3:00 PM on October 1, 2024. Quotations may be mailed, or hand delivered to Columbia Irrigation District at the following address:

Columbia Irrigation District  
10 East Kennewick Ave  
Kennewick, WA 99336

Bids may also be emailed to Curt Strifert, District Manager at, [CID@columbiairrigation.com](mailto:CID@columbiairrigation.com)

**Bid Schedule  
Geomembrane and Geotextile**

Item No	Description	QTY	Unit Price	Total Price
1	Geomembrane*	1 LS		
2	8oz/SY Geotextile	1 LS		
	<b>Total</b>			

\*If a geocomposite material that includes the geotextile is Bid only complete Item 1.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Date: \_\_\_\_\_

Modifications to the Specifications: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Quantity of Geomembrane to be Provided: \_\_\_\_\_ Square Feet

Roll Width to be Provided: \_\_\_\_\_ Feet

Roll Length to be Provided: \_\_\_\_\_ Feet

Seam Overlap Width: \_\_\_\_\_ Inches

Quantity of Rolls to be Provided: \_\_\_\_\_

Quantity of Geotextile to be Provided: \_\_\_\_\_ Square Feet

(If provided separately)