

Bellevue Municipal Golf Course Barrier Netting Replacement  
**Scope of Work**  
Contract is with SeaWest Construction, Inc.

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**Brief Scope of Work:** The contractor shall provide all labor and materials necessary to replace and install new barrier netting on fairways and back of driving range as outlined in the specifications.

**Qualifications:** Contractor's company shall have a minimum of five (5) years demonstrated experience of successful design, fabrication and installation of golf course barrier net systems, and shall have successfully completed a minimum of five (5) projects similar in scope.

**Scope of Work:** Contractor shall provide all labor and materials necessary to replace and install new barrier netting on fairways 3, 9, 10, 15 and back of driving range. Also install new 3' high chain link fence on back of driving range.

**Project Conditions:** Golf course operation, scheduling and safety; Golf course shall remain in operation during construction. Driving range to remain open during construction with limited capacity. Contractor shall work with Golf Course Superintendent with scheduling.

**Installation:**

1. Fairway 3
  - A. Remove existing netting and install new netting system approximate size 24'H x 70'L
  - B. Repair bent railing on top section
  - C. Attach lower netting to fence
2. Fairway 9
  - A. Remove existing netting and install new netting system approximate size 20'H x 200'L
  - B. Repair bent railing on top section
  - C. Trim obstructing tree branches
3. Fairway 10
  - A. Remove existing netting and install new netting system approximate size 56'H x 190'L
  - B. Trim obstructing tree branches
4. Fairway 15
  - A. Remove existing netting and install new netting system approximate size 33'H x 270'L
  - B. Trim obstructing tree branches
5. Back of Driving Range
  - A. Remove existing netting and install new netting system approximate size 90'H x 500'L
  - B. Install 1'mesh x 3'H x 500'L galvanized fencing along lower portion of netting system
  - C. Attach netting system to top of new fencing

Height and Length of existing netting are all estimates, contractor to verify actual dimensions.

**Products:** The following products set the minimum standard for new products to be provided for this project. Any portion of a contractor's delegated design that do not meet these minimum standards must be approved by the City.

Netting System:

- A. Netting shall be LFS #930 Polyester Barrier Netting or approved equal. Netting shall have a minimum 116.7 lb. average single mesh breaking strength, 2 ½ stretched mesh; 1" single bar measure, four needle raschel knotless construction, manufactured with U.V. treated yarn and additionally coated with a black resin dye and bonding treatment. Mesh break strength determined per ISO 1806.
- B. Netting shall have 3/8" braided black perimeter rope, minimum 3,500 lbs. Breaking strength and snapped to a steel cable with 9/32" or ¼" galvanized steel carabineers minimum 1,140 lb. breaking strength on maximum 3' centers. Perimeter rope shall be #48 braided polyester twine, minimum 375 lbs. tensile strength, treated black. The attachment twine shall continually encompass the netting component and be tied to the rope component via a clove hitch knot +/-6 inches on center, never to exceed 8 inches on center.
- C. Cable and Wire Rope: Cable to be 3/8" 1x7 galvanized steel strand cable, minimum breaking strength 15,400 lbs. And installed at the top, middle, and bottom of the net barrier. ¼" cable to be 1x7 galvanized steel minimum cable breaking strength 6,650 lbs. and installed vertically at the face of each pole.
- D. Earth Anchors: Minimum 20,000 lb. tensile strength cross plate or screw anchors to be installed as required.
- E. Guy Wires: Shall be extra high strength strand wire.

Fencing: 11 ga. X 1" galvanized mesh chain link 3' high, top and bottom rail to be 1-5/8" Sch. 40 pipe, posts to be 1-7/8" Sch. Pipe.

Warranty:

- 1. Netting, ten (10) year manufacturer's warranty for material defects and outdoor life expectancy.
- 2. Installation, one (1) year labor and materials warranty for the complete barrier net installation for all portions of the system including but not limited to hardware, wire, rope, twine, guys, anchors, netting, clips and attachments from the date of project acceptance.