The sprinkler shall be of the gear-driven rotary type, capable of covering a \_\_\_\_\_\_\_\_ foot (meter) radius at \_\_\_\_\_\_\_\_ PSI (bars; kPa) with a discharge rate of \_\_\_\_\_\_\_\_ GPM (m3/hr; I/min).

The sprinkler shall have available nine (9) interchangeable, color coded, primary nozzles discharging 7.7 to 32.3 GPM (1,75 to 7,34 m3/hr; 29,1 to 122,3 I/min).

The sprinkler shall be an adjustable part-circle and non-reversing full-circle in one rotor. The adjustment range shall be minutely adjustable from 50° to full-circle in all phases of installation (i.e., before installation, after installation while static, and after installation while in operation). The sprinkler’s short/mid-range nozzle shall have a pressure and velocity reduction system to ensure even short/mid-range water distribution efficiency through the creation of large water droplets. This pressure reduction system shall minimize wind drift while protecting newly planted seeds from washout.

The sprinkler shall have a minimum 3” (8 cm) pop-up stroke that raises the rotating nozzle above normally maintained turf grass heights and protects the water distribution profile. The riser of the sprinkler shall have a shock absorbing bumper device to protect riser during the winterization process. The sprinkler shall have a 1¼” female ACME inlet. The sprinkler shall be constructed such that all internal body components can be serviced from the surface and through-the-top of the sprinkler without disturbing the turf grass. The sprinkler shall be equipped with a check valve that will prevent system drainage caused by elevation changes up to 10 feet (3 m).

The sprinkler shall be equipped with a flanged body for stabilization and protection from heavy equipment. The flange shall have a recessed area for installation of yardage marker placard. The body of the sprinkler shall be constructed of corrosion-resistant, impact resistant, heavy-duty A.B.S. plastic. Sprinkler shall have optional identification for reclaimed water applications via a field-installed purple upper snap ring assembly.

The sprinkler shall be manufactured by Hunter Industries Incorporated, San Marcos, California.