

Rain Water Solutions SPECIFICATIONS

50 gallon Ivy Rain Barrel

The specifications herein describe the minimum acceptable features and performance requirements for rain barrels. All proposals shall be submitted on the form provided below. Bidders must review all specifications for compliance. By checking “No”, the bidder states that its product does not conform to the written specification and therefore takes an exception. Any exceptions should be detailed on a separate page titled “Exceptions”. If the City determines that exceptions do exist which were not identified by the bidder, then the proposal will be deemed non-responsive and the bidder disqualified. If no exceptions are taken, it will be inferred that the bidder’s product meets all specifications.

1. CORPORATE INFORMATION

	SPECIFICATION	Yes	No
1.1	Manufacturer must be a wholly-owned and operated U.S. corporation.		
1.2	All barrel and lid manufacturing must be conducted within the United States.		
1.3	Manufacturer must provide details of any current or past litigation in the past ten (10) years involving its rain barrels or contractual obligations.		

2. RAIN BARREL SPECIFICATIONS

	SPECIFICATION	Yes	No
2.1	PROCESS: All containers shall be manufactured utilizing the blow molding process. Injection molded and rotational molded products shall be deemed unacceptable.		
2.2	CAPACITY: Containers shall have a capacity of 50 gallons (+/-1%). State capacity in gallons _____		

2.3	MATERIAL: Plastic resin for the cart body and lid shall be high-density polyethylene supplied by a national petrochemical producer. The bidder must submit a technical data sheet from the resin producer.		
2.4	PCR CONTENT: Rain barrels shall be manufactured using a minimum of 30% post-consumer resin (PCR). State percentage of PCR to be utilized in the manufacture of carts: _____ %		
2.5	RECYCLABILITY: Barrel and lid must be 100% recyclable.		

2.6	RESIN ADDITIVES & UV INHIBITOR: Resin must be enhanced with color pigment and UV inhibitor that is formulated to prevent color fading and ultraviolet damage for 5 years. Additives must be uniformly distributed throughout the container.		
2.7	COLOR: Barrel color shall be ((green)) Lid color shall be ((green)).		
2.8	BARREL INTERIOR: The interior surface must be smooth and free from obstructions that would cause water to become trapped.		
2.9	WALL THICKNESS: The rain barrel must have a wall thickness between 0.175 and 0.185 throughout the body of the rain barrel. The barrel must have a minimum wall thickness of .185” for the bottom of the container.		
2.10	DIMENSIONS: The exterior dimensions of the completely assembled containers from cart bottom to top of the lid shall be as follows (+/- 1%): 42.5” Height / 22.5” Top Diameter / 17.50” Bottom Diameter Please state dimensions: _____” Height / _____” Width / _____” Depth		
2.11	ASSEMBLED WEIGHT: Assembled container shall weigh a maximum of 25 pounds. State assembled weight: _____		
2.12	RAIN BARREL STABILITY: BARREL shall be stable whether empty or full in the upright position.		
2.13	LID FIT: Lid should be designed to fit snug onto rain barrel. There should be no gaps between lip of lid and lip of rain barrel when attached.		
2.14	LID LOCK: Each lid shall have integrally molded lock holes protruding on each side of lid allowing locking device to attach lid and barrel for safety.		
2.15	LID INLET: The lid must have a round 7.25” diameter inlet hole with cross bar to support screen and four (4) snap points so screen ring snaps into place and holds down screen.		
2.16	LID SCREEN AND SCREEN RING: The lid’s inlet shall be recessed to hold screen and allow screen ring to snap and lock into inlet circle. Lids may not be attached with metal hinges, brackets, bolts or other means other than releasable zip ties. Lids shall include be pre-assembled with screen and screen ring at the factory prior to shipment.		
2.17	BARREL LOCKING HOLES AND HOOK: Each barrel shall have integrally molded holes located above the overflow ports allowing locking device to hold lid and barrel together and for the hanging of literature and informational materials.		
2.18	BARREL OVERFLOW: Barrel should have two (2) overflow ports 1 ¼” diameter that protrude from the upper sidewalls of the container. Spigot port should be located at lowest point of barrel		

	and should be no more than 2” from the bottom of the barrel.		
2.19	BARREL SPIGOT PORT: Spigot port should be located at lowest point of barrel and should be no more than 2” from the bottom of the barrel and recessed 1 ½”.		
2.20	RAIN BARREL COMPONENTS: Each rain barrel should include ¾” ball valve, 1 ¼” diameter x 6’ long expandable overflow hose, two (2) releasable locking zip ties, and instructions.		
2.21	BARREL DRILL STARTS: The barrel has two (2) side areas with drill start indicators located at bottom of barrel directly under overflow ports for optional self-leveling connection.		
2.22	BARREL NESTING: All barrels are designed with -5” diameter at bottom of barrel to allow for maximum ability to stack and nest.		

3. MARKINGS

	SPECIFICATION	Yes	No
3.1	RAIN BARREL LOGO: The barrel has a 6” x 6” front indented area that will have a post mold logo sticker.		
3.2	RAIN BARREL BRANDING: ((OPTIONAL)) The barrel can be branded with a 6” x 6” post molded sticker with the City’s logo.		
3.3	RAIN BARREL USE INSTRUCTIONS: Instructions for the safe use and care of the rain barrel shall be post molded into the back of the barrel and must be a 7”x 9” size.		

4. EXPERIENCE

	SPECIFICATION	Yes	No
4.1	MANUFACTURING EXPERIENCE: Bidder must have demonstrated rain barrel manufacturing experience in the United States a minimum of 10 years. State years of experience: _____ years		
4.2	REFERENCES: Bidder must submit a reference list of five (5) references currently using the exact product(s) being bid. Reference shall have used products for no less than two (2) years. Failure to include references will result in immediate disqualification of bid.		

5. WARRANTY

	SPECIFICATION	Yes	No
5.1	TERMS: Bidder must warrant its rain barrel from functional failure due to defects in plastic materials or faulty workmanship or insufficient resistance to weathering while in normal use for a period of three (3) years (36 months) from the date of shipment from the manufacturing facility to any purchaser. For purposes of this warranty, “normal use” of a rain barrel is considered to be the collection and reuse of rainwater.		

5.2	OWNERSHIP: If bidder is owned by another business entity, the owning entity must also accept full financial responsibility for the warranty of the bidder. If owned by another business entity, the bidder must submit with its bid, a letter from the owning entity which clearly states its obligation and commitment to honor the warranty of the bidder should the bidder ever be in a position to not do so. Such letter will be signed by the owning entity's top officer and notarized.		
5.3	WARRANTY STATEMENT: Bidder shall submit a copy of the exact warranty offered with the bid.		

6. PRICE ADJUSTMENTS

	SPECIFICATION	Yes	No
6.1	RESIN ADJUSTMENTS: Prices quoted in response to this bid solicitation shall be firm for the first ninety (90) days of the contract period. After ninety (90) days, prices may be subject to revision and such changes will be based on resin fluctuation during that period. The index published as of the bid date will be used as the baseline and the pursuant quarterly adjustments will be based on the average index for the previous quarter. Requests for price adjustments must be submitted in writing at least 15 days prior to the effective date.		
6.2	CONTRACT EXTENSIONS: Contract extensions will be based on the mutual written agreement between the successful bidder and the City.		