

DIVISION 11 - EQUIPMENT

11 12 00 – Parking Control Equipment

1. Fixed and mobile LPR (License Plate Reader) systems will be Genetec.
2. Parking software and programming will be T2 Flex.
3. Frontrunner is sole vendor to install/maintain items from Genetec.

11 52 00 – Audio/Visual Equipment

1. Classrooms: Designer is to meet with FMS Project Manager and Teaching and Learning Services (TLS) Classroom Technology Consultant to coordinate classroom technology infrastructure.

11 82 13 – Solid Waste Bins

1. Purchase Requirements
 - a. Containers shall meet Rochester Institute of Technology design requirements
 - b. Alternative (custom) containers shall meet Rochester Institute of Technology guidelines for appearance, functionality, and custodial service standards. Alternative containers can be purchased only upon prior approval by RIT Sustainability and Custodial Services.
 - c. All costs associated with the purchase and placement of required recycling and solid waste containers shall be included as part of the project construction or renovation costs
2. General Container Requirements
 - a. All receptacles (landfill, recycle and compost) shall meet or exceed the EPA's most recent guidelines for post-consumer recycled content for receptacles.
 - b. Receptacles shall be co-located into waste stations. Single unit systems shall have the ability to collect a **minimum of 3 separate streams**. Individual containers shall have the ability to be interconnected or anchored in place.
 - c. All receptacles (landfill, recycle, and compost) shall be the same or similar in design, but differentiated by lid color to indicate the appropriate stream. Landfill: Black, Recycle: Blue, Compost: Green
 - d. All landfill receptacles shall have a recycling receptacle next to it.
 - e. Interior stations shall, at a minimum, have signage at eye level (either on the wall or attached to the container). Signage shall be approved by the recycling department and have the ability to be changed with relative ease and minimal expense.
3. Exterior
 - a. Not for new construction; replace in kind only. RIT waste stream interior in lieu of exterior.
 - b. Landscape Forms SCARBOROUGH LITTER RECEPTACLE – with liner 25 inch x 40 inch high, side opening, vertical strap panel, freestanding. Powder coat: Grotto (Black). Wording across top of lid to read "Landfill".
 - c. Landscape Forms SCARBOROUGH LITTER RECEPTACLE – with liner 25 inch x 40 inch high, side opening, vertical strap panel, freestanding. Body of receptacle powder coat: Grotto (Black). Lid of receptacle powder coat: Ocean (Blue). Wording across top of lid to read "Recycle".
 - d. <https://cleanriver.com/product/transition-trh/>
4. Main entryways and lobbies (Transition® TIM Configurable Recycling Container)
 - a. Single unit system with the ability to collect a minimum of 3 separate streams for centralized collection
 - b. Must have affixed backboard for signage
 - c. Minimum of two sets per floor within public spaces (entrances and/or reception areas and elevator lobbies) is required for basic level of coverage
 - d. Set dimensions: 47.50" x 18.00" x 48.75"
 - i. Lid opening – Landfill
 1. Shape: square/rectangular
 2. Color: black
 - ii. Lid opening – Recycle
 1. Shape: circle inside of long slot
 2. Color: blue
 - iii. Contact RIT Sustainability for 3rd collection stream.
 - e. Serviced by custodians, who transport material to containers located behind buildings or at loading areas
5. Athletic Facilities (GreenDrop)
 - a. Single unit system with the ability to collect a minimum of 3 separate streams for centralized collection



- i. GreenDrop Recycling <http://www.greendroprecycling.com/stations-2/>
- b. Must have affixed backboard for signage
- c. Must include front advertising panels
- d. Minimum set dimensions: 42.50" x 22.8" x 43.7"
 - i. Lid opening – Landfill
 - 1. Shape: square/rectangular
 - 2. Color: black
 - ii. Lid opening – Recycle
 - 1. Shape: circle inside of long slot
 - 2. Color: blue
 - iii. Lid opening – Compost
 - 1. Shape: circle
 - 2. Color: green
- e. Serviced by custodians, who transport material to containers located behind buildings or at loading areas



- 6. Classroom Bins (“Waste Watcher” 23 gallon)
 - a. Collection bins for 2 streams: Landfill (black lid) and Single Stream Recycling (blue lid), including sign frames and connectors.
 - b. Blue lid: (single stream) with 5” diameter circle inside a slot that is 1.75”W x 16.25”L
 - c. Black lid (Landfill) with rectangle opening (12.5”W x 7.5”L)
 - d. Custom label graphic for sign frames provided by RIT sustainability
 - e. Serviced by custodians into rolling collection carts
 - f. Placed within large classrooms, large meeting spaces, lunch rooms/break rooms, and kitchens
 - g. Container dimensions: 20”L x 11”W x 30”H (42”H with lid), 23 Gallon capacity, Weight: 6.3 lbs (with lid 7.2 lbs)
 - h. Set dimensions: 26” wide, 20” deep, 42” high
 - i. Busch Systems waste watcher series



- <http://www.buschsystems.com/recycling-waste-container-bin-cart-products/waste-watcher-series-recycling-container>
- 7. Conference Room Bins (“Waste Watcher” 16 gallon)
 - a. Collection bins for 2 streams: Landfill (black lid) and Single Stream Recycling (blue lid), including sign frames
 - b. Blue lid: (single stream) with 5” diameter circle inside a slot that is 1.75”W x 16.25”L
 - c. Black lid (Landfill) with rectangle opening (12.5”W x 7.5”L)
 - d. Custom label graphic for sign frames provided by RIT sustainability.
 - e. Placed within small and medium sized conference rooms and meeting spaces
 - f. Container dimensions: 20”L x 11”W x 24”H (36”H with lid); 16 gallons
 - g. Set dimensions: 26” wide, 20” deep, 36” high

- 8. Desk-Side Recycling and Waste
 - a. Personal desk-side recycling container with companion waste container for administrative workstations and/or desks
 - i. <https://www.rubbermaidcommercial.com/wastebaskets-accessories/deskside-recycling-containers/?sku=FG295673BLUE>
 - ii. <http://www.buschsystems.com/products.html>
 - iii. Dimensions: 14.5” wide, 10” deep, 15” high; 28 quart
 - b. Mini waste container hangs on the side of the recycling container
 - i. <https://www.rubbermaidcommercial.com/wastebaskets-accessories/side-bin-deskside-recycling-containers/>
 - ii. Dimensions: 8” wide, 6” deep, 7” high; 3 quart



END OF DIVISION 11