

Document Summary

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Revision History

Bid Spec	Rev Level	Revision Date	Author	Summary of Changes
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1.0 SCOPE

The requirement herein describes Remanufactured Print Cartridges (Toner and Ink). All cartridges provided shall match and inter-member to the intended printing equipment and meet or exceed Original Equipment Manufacturer (OEM) specification requirements for form, fit, function and performance.

2.0 APPLICABLE LAWS and INDUSTRY STANDARDS

Specifications, standards and regulations referenced in this document in effect on the opening of the invitation for bid, form a part of this specification.

2.1 LAWS and REGULATIONS

None listed.

2.2 INDUSTRY STANDARDS

2.2.1 ASTM F1856-98

2.2.2 ASTM F2036

2.2.3 American National Standard Institute (ANSI) IT2. 17-95

2.2.4 International Safe Transit Association (ISTA) 1A

3.0 TECHNICAL REQUIREMENTS

3.1 REMANUFACTURED TONER CARTRIDGES

Shall meet or exceed the following requirements:

(NOTE: Cartridges that are only refilled or recharged do not meet these specifications and are not acceptable.)

3.1.1 Remanufactured cartridges shall adhere to specifications equal to or exceeding OEM cartridge specifications and approved remanufactured toner cartridge industry standards established by the Standardized Test Methods Committee (STMC). Currently accepted standardized testing certifications include ASTM F1856-98, ASTM F2036, American National Standard Institute (ANSI) IT2. 17-95, and International Safe Transit Association (ISTA) 1A.

3.1.2 The remanufactured cartridge shall include, but are not be limited to, the following:

- 3.1.2.1 Assessment to determine if the cartridge can be remanufactured and a reliable method to measure reusability of parts.
- 3.1.2.2 Complete disassembly of cartridge to thoroughly clean and check all internal and external components against the original manufacturer's specifications. Worn, damaged or end of life cycle components shall be replaced.
- 3.1.2.3 Replacement of the following: drum, all seals with an OEM-type shipping seal or pressure sensitive seal, primary charge roller (PCR) with a re-coat or new PCR, smart or kill chip (resetting is

also acceptable if applicable), corona wire assembly (chemically cleaning is acceptable if applicable), wiper blades.

- 3.1.2.4 Filling all cartridges with toner that meets or exceeds OEM toner performance.
- 3.1.2.5 Providing with each cartridge one fuser wand (where applicable) with high temperature resistant felt wiper and one cotton swab.
- 3.1.2.6 Other components may be replaced at different intervals, based upon component part or longevity standards.

3.2 REMANUFACTURED INK CARTRIDGES

Shall meet or exceed the following requirements:

(NOTE: Cartridges that are only refilled or recharged do not meet these specifications and are not acceptable.)

- 3.2.1 Remanufactured cartridges shall adhere to specifications equal to or exceeding OEM cartridge specifications.
- 3.2.2 The remanufactured cartridge shall include, but are not be limited to, the following:
 - 3.2.2.1 Assessment to determine if the cartridge can be remanufactured.
 - 3.2.2.2 Disassembled cartridge/components shall be cleaned and checked against the original manufacturer's specifications. Worn, damaged or end of life cycle components shall be replaced.
 - 3.2.2.3 Replacement of the following: print head (if damaged or does not perform equivalent to OEM), smart or kill chip (resetting is also acceptable if applicable), sponge (if applicable).
 - 3.2.2.4 Filling all cartridges with ink that meets or exceeds OEM ink performance.
 - 3.2.2.5 Print head seal tape after assembly and fill.
 - 3.2.2.6 Other components may be replaced based upon component part or longevity standards.