

STATE OF MISSISSIPPI
OFFICE OF PURCHASING AND TRAVEL

Specification
No. 207-00-00

SPECIFICATIONS

Effective
Date: 03/05/93

FOR

LASER PRINTER TONER CARTRIDGES - TYPE II

Revised
Date: 02/16/17

REMANUFACTURED

1. SCOPE AND CLASSIFICATION

- 1.1 Scope. These specifications cover the normal requirements for miscellaneous laser printer toner cartridges as described herein.
- 1.2 Classification. The laser printer toner cartridges covered by these specifications shall be furnished in the first quality characteristics required of each item. The cartridges shall be classified as Type II - Remanufactured Cartridges.

2. REQUIREMENTS

- 2.1 Standards. The laser printer toner cartridges specified shall conform to the highest quality of materials and shall be manufactured in accordance with the industries best recognized production standards.
- 2.2 Workmanship. The laser printer toner cartridges shall be made in accordance with reasonable industry practice.
- 2.3 Dependability. The laser printer toner cartridges shall function properly when used in the manner intended.
- 2.5 Type II Cartridges. Type II shall be Remanufactured Cartridges. The remanufacturing of Laser Printer Toner Cartridges shall include a minimum of the following requirements. **A written copy of your remanufacturing process must be submitted with your bid or your bid may be rejected.**
- A. The cartridge shall be completely disassembled for thorough cleaning and all parts replaced with new parts. When used, alcohol must be anhydrous.
 - B. Lubricate as required.
 - C.
 - 1. The corona wire: (on cartridges using a corona wire) a new corona wire shall be installed to maintain a quality level equal to or better than the original cartridge.
 - 2. The data chip: (on cartridges using data chips) a new data chip will be installed to maintain Original Equipment Manufacturer (OEM) specification.
 - D. Toner chamber shall be filled with premium grade (virgin/unused) toner and sealed to prevent leakage during shipment. The minimum quantity and quality of toner shall provide printing capability in quantity and

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quality equal to or better than the OEM product. Toner leakage during shipment of cartridges will not be acceptable.

- E. Type II, Remanufactured Cartridges, shall include the installation of a new long life aftermarket photoconductor drum. The average drum life for the new drum shall be 40,000 copies. Prior to shipment, the contractor **must** indicate the date of the installation of the new photoconductor drum. The label shall include spaces for indication of date and vendor performing up to five recharges. An example of an acceptable label would be as follows:

This cartridge was remanufactured under the terms of
Contract _____ (contract number)
on _____ (date)
by _____ (vendor's name)

This cartridge was recharged on the following dates by the vendors indicated.

	Date	Vendor
1.	_____	
2.	_____	
3.	_____	
4.	_____	
5.	_____	

A new cleaning blade shall be installed with each new drum installation.

- F. All cartridges shall have the spacing of the toner bar set as required.
- G. The relative humidity in the remanufacturing area shall not exceed 55%.
- H. Cartridge shall be sealed in an anti-static poly foil or mylar bag (silver outside and black inside). The bagging and sealing process shall be performed in a humidity controlled environment.
- I. Vendor shall supply a refurbished or new felt cleaning rod (not required with EP-L and EP-N cartridges).
- J. The vendor shall furnish a cartridge return kit with all cartridges, including instructions advising user to save and return cleaning rods and save packaging materials, i.e., polystyrene encasement and/or end caps for return shipment use. The kit must include a preprinted return shipping label.
- K. The vendor shall accept spent cartridges and cleaning rods in any condition.

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- 2.6 Bidder References. All bidders of Type II cartridges shall supply with the bid at least three references of accounts which currently use the cartridges being proposed. The telephone number and contact person must be included. The referenced users must have been using the proposed cartridges for a period of at least 90 days. Any contact person referenced should be proficient in the use and performance of the cartridges. Failure to supply this information with your bid, may be cause for rejection of your bid.
- 2.7 Warranty. All cartridges purchased under the terms of this bid will be guaranteed for a period of one year from date of purchase and shall perform without streaks, smudges, faded print, or any other problems which would detract from the quality of the printed product. Any cartridge failing to meet this performance requirement will be replaced by the vendor at no cost to the using agency. The vendor must prove the cartridge to be not at fault to subdue any claims under this section.
- 2.8 Empty Cartridge Return/Buy Back Policy. Vendors bidding on Type II cartridges shall include with their bid a copy of their procedure for agencies to submit empty cartridges for the purpose of remanufacturing or recharging. All costs associated with this procedure will be the responsibility of the awarded vendor. If this procedure includes a buy back option on returned cartridges, the dollar amounts and the associated cartridge model number shall also be included with your bid.

3. SAMPLING, INSPECTION AND TEST PROCEDURES

- 3.1 Tests. Unless otherwise specified, evaluation for the required characteristics shall be based on the performance at the time of actual use.
- 3.2 Bid Samples. The successful bidder shall be required to submit not more than three samples of each cartridge as called for, within five (5) days after written or verbal notification is received by the bidder. It is the bidder's responsibility to ensure that samples are delivered and that identification on all delivered bid samples are identical to that referred to in the Bid. Samples shall be furnished at no expense to the State of Mississippi. Failure to deliver samples within five (5) days after notification will result in rejection of the bid.
- 3.3 Random Samples. Samples of delivered commodities may be randomly selected and tested for compliance with bid award specifications. If it is found that laser printer toner cartridges delivered are not as specified, the Office of Purchasing and Travel may proceed as stipulated in General Conditions 7.1.
- 3.4 The test inspection procedure will be as follows:
- A. Check to determine if packaging adequately contains and protects the cartridge and is in compliance with Section 4.1 of the Specifications.
 - B. Check for presence of cartridge return kit, including instruction sheet, plastic bag with tie, and preprinted return shipping label.

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- C. Check for presence of cleaning rod (not required for EP-L).
- D. Check for presence of anti-static poly foil bag.
- E. Remove poly bag and observe for presence of loose toner denoting leakage of toner during shipment.
- F. Check cartridge for vendor identification.
- G. For Type II cartridges, the conductor surface of the cartridge drum will be inspected for color. The drum must be a long life aftermarket grade.
- H. Remove seal and run test sheets in laser printer. Review test sheets for adequacy of printing. Test will be performed with laser density setting at mid-range, using manufacturer's test pattern resident in printer.

4. PREPARATION FOR DELIVERY

- 4.1 Packaging. All Type II, Remanufactured Cartridges, shall be packaged to ensure safe delivery to the destination. Reuse of the original packaging is encouraged whenever practical.

5. NOTES

- 5.1 Commodities procured under these specifications shall not deviate from those originally contracted for without written approval from the Office of Purchasing and Travel.
- 5.2 This specification shall, until revised or rescinded by the Office of Purchasing and Travel, apply to each future purchase and contract for the commodities described herein.
- 5.3 It is the intent of the specifications to establish a contract whereby the buying entity could initially purchase a Type II Remanufactured Cartridge.

Upon completion of use of the original Type I product, the buying entity will have the option of turning in the empty cartridge to the original vendor and buying another Type I cartridge, or the buying entity could turn in the empty cartridge to the vendor awarded the Type II Remanufactured Cartridge and purchase a remanufactured cartridge.

- 5.4 It is the intent of the specifications to obtain a commodity that will adequately meet the needs of the user while promoting the greatest extent of competition that is practicable. It is the responsibility of the prospective bidder to review the entire Request for Bids packet and to notify the Office of Purchasing and Travel if the Specifications, Instructions, General or Special Conditions are formulated in a manner which would unnecessarily restrict competition. Any protest or question concerning the specifications or bidding procedures must be received by the Office of Purchasing and Travel not less than 72 hours prior to the time and date set for the bid opening.