

No.	Functional Requirement Statement
FR1	The ePurchase system must allow authorized buyers to create a new vendor . Each vendor has a unique vendor identification number, vendor name (this is a company name), corporate address (street, city, zip code, country) where the purchase order is sent, contact person (first name and last name), phone number and email address of the contact person. The system automatically assigns a unique vendor number and sets the status for the vendor to "preferred."
FR2	The ePurchase system must allow authorized buyers to update an existing vendor.
FR3	The ePurchase system must allow authorized buyers to create a new item in the item master. Each item contains a unique item number, description, minimum order quantity, purchase price, effective date, and preferred vendor.
FR4	The ePurchase system must allow authorized buyers to update an existing item in the item master.
FR5	The ePurchase system must allow authorized buyers to create a new PO to buy one or more items from a preferred vendor. Each PO contains a unique PO number, PO date, vendor id, vendor name and complete address. Each PO may contains one or more line items and each line item contains an item number, description, purchase price, order quantity, calculated line item total and a grand total for the PO. The system automatically assigns a unique PO number and sets the PO status to "created."
FR6	The ePurchase system must allow authorized buyers to update a previously created PO that has the "created" status.
FR7	The ePurchase system must allow authorized buyers to submit a previously created PO for approval.
FR8	The ePurchase system must allow authorized buyers and managers to approve a PO. A buyer is authorized to approve a purchase order with an amount less than \$3,000.00. If the total purchase order amount is \$3,000.00 or more, only authorized managers may approve. After approved, the system must update the PO status to "approved," record the approver's name, and date and time of approval. The system must also notify the buyer via email.
FR9	The ePurchase system must allow authorized buyers to submit one or more "approved" POs to associated vendors. After the submission, the system must notify the buyers (via email) that the orders have been submitted. In addition, the AP and AIP systems must be notified of the submitted purchase orders.
FR10	The ePurchase system must allow authorized buyers to run a PO status report. The buyers must be able to specify a date range (such as from March 1, 2018 to March 31, 2019). The report must be contain useful information and easy to locate information quickly.

Non-Functional Requirements	
NF1	The ePurchase System can be accessed only by authorized employees, who have login ids and passwords. (<i>Security</i>)
NF2	The ePurchase System must be available 24 hours per day, seven days per week. (<i>Availability</i>)
NF3	The ePurchase System must be able to interface with the Inventory Management (IM) and the Accounts Payable (AP) systems. The system must have active connections with the AIP and AP systems. (<i>Accessibility</i>)
NF4	The ePurchase System must be effective and robust. (<i>Performance</i>)
NF5	The ePurchase System must be written in an Object Oriented Programming language. (<i>Standards</i>)
NF6	The ePurchase System must be easy to use. (<i>Usability</i>)
NF7	The ePurchase System must be easy to maintain. (<i>Maintainability</i>)