**iBidPharma**

**Business Requirement Specification**

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# 1. Introduction

# Document Purpose

This document communicates the business requirements and scope for developing Indian Pharmaceutical Bidding System. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# Project Background

There is no such system for the manufacturers to sell their products online to distributors all over India through bidding. Currently, the designed websites sells medicines to the distributors on their demand of quantity for a fixed price and also the delivery time is given by the manufacturer which does not fulfill the emergency requirements of the some distributors. Sometimes manufacturers falsify their stocks just to get orders from distributors. So distributor has to wait for the production and order gets delayed. There is no transparency. No facility for distributors to know stocks as well as per day production of the manufacturers in advance so they can bid only on those products which are ready to be delivered.

# Goals of the project

The main objective of this web application is to help manufacturers to sell their products all over India through bidding which will help the distributors to order the required medicines in precise time. Manufacturers can register and display their products and with the bidding range. They can select the order with the highest bid and supply their product within the given time. Distributors can register and view the listing details such as manufacturer’s details, product details, stock details. Distributors can also place a bid on the products.

# Customers and Stakeholders

Customers:

* + Manufacturer
  + Distributor

Stakeholders:

* + Medical Industry
  + Medical Research Institute
  + Health Organization
  + Government

# 2. Business Requirements Overview

* Indian Pharmaceutical Bidding System is public web application.
* This system is covers the manufacturers of all types of medical products.
* There are mainly two types of users : manufacturer and distributor.
* Manufacturer can search for distributor according location.
* Distributor also can search for manufacturers by location and product.
* Indian Pharmaceutical Bidding System provides the functions which connect the manufacturers and distributors efficiently and effectively.
* Indian Pharmaceutical Bidding System could be maintained by Administrator.

# **3. Functional Requirements Overview**

Indian Pharmaceutical Bidding System consists of three modules described as below.

1. Manufacturer Module
2. Distributor Module
3. Admin Module

3.1 Manufacturer Module

* Manufacturer can register and create his own account with nominal account opening charges.
* Indian Pharmaceutical Bidding System provide the functionality which allows manufacturer to publish his product information.
* Manufacturer will be able to see all bids from distributors for every product listing.
* Manufacturer can delete already created product listing.
* Manufacturer can sort and filter product bids for more desired bids.
* Manufacturer can choose best bid and will fulfil the distributor’s order requirements.
* Manufacturer can search for distributors by location.
* Manufacturer can see all his successful orders.
* Manufacturer can see reports related to his product’s sale.

3.2 Distributor Module

* Distributor can register and create his own account with nominal account opening charges.
* Indian Pharmaceutical Bidding System provide the functionality which allows distributor to place his bids on products published by manufacturers.
* Distributor can browse through all listings of products published by manufacturers.
* Distributor can delete already placed bids.
* Distributor can place multiple bids for specific product.
* Distributor can sort and filter products listings for more desired products.
* Distributor can search for manufacturers by location.
* Distributor can see all his successful transactions.
* Distributor can see reports related to his product’s purchase.

3.3 Admin Module

* Indian Pharmaceutical Bidding System should provide all functions to admin how to handle the System.
* Admin can see all manufacturers and distributors using this system.
* Admin can grant registration requests by manufacturer as well as distributors.
* Admin can generate reports on the basis of successful transaction details.
* Admin can see revenue generated by registration process of new users.

**4. Non-functional Requirements**

* The website should have professional design, look and feel and color scheme.
* Maximum number of users should be able to access the website through internet.
* The whole process of completing the steps in application should be minimum.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The functionalities provided by website should be easy to understand.