EduBridge

A Project

Report On

Online Tender Management System

By

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Introduction:

This Project **Tender Management System** has been developed on **Java, Servlet, JSP and MySQL**. Tendering System (or Electronic Tendering System) facilitates the complete tendering process from the advertising of the requirement through to the placing of the contract. This includes the exchange of all relevant documents in electronic format. Similar terms: RFQ(request for quotation). So what is tender management? In today's competitive business world, many potential projects and services are put out to tender. That is numerous potential companies are provided with the opportunity to bid for the work. In their bids, they will describe how their company will solve a business problem, provide the service required or supply the goods requested. They will also need to provide a competitive price for this work. The process of designing and writing these proposals or tenders, complete with the competitive pricing, is called tender management, proposal management or bid management.

Software Requirements:

Front end: Java/J2EE technologies (Servlet, JSP), HTML,

CSS, Bootstrap, JDBC.

Back end: MySQL.

Server: Apache Tomcat v8.0V

IDE: Eclipse IDE for Java EE Developers

Browser: Best result on Google Chrome / Opera Mini

Operating System: Window 7/8/10.

Data Dictionary:

DataBase:

create database onlinetendersystem;

use onlinetendersystem;

• Admin: (Table name: `tbladmin`)

1.) Create Table with name `tbladmin`.

CREATE TABLE `tbladmin` (

 `id` bigint NOT NULL AUTO_INCREMENT,

 `uname` varchar(100) DEFAULT NULL,

 `upass` varchar(100) DEFAULT NULL,

 `email` varchar(100) NOT NULL,

 `admin_create` timestamp NULL DEFAULT CURRENT_TIMESTAMP,

 `admin_update` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON
UPDATE CURRENT_TIMESTAMP,

 PRIMARY KEY (`id`),

 UNIQUE KEY `email` (`email`)

) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4;

2.) Insert Values into `tbladmin`.

INSERT INTO `tbladmin` VALUES
 (
'admin','admin','admin@gmail.com','2021-03-18 13:58:18','2021-03-19
   15:13:10');

• Bilder (Table name: `tblbilder`)

```
CREATE TABLE `tblbilder` (
  `bid` varchar(45) NOT NULL,
  `vid` varchar(45) DEFAULT NULL,
  `tid` varchar(45) DEFAULT NULL,
  `bidamount` int DEFAULT NULL,
  `deadline` date DEFAULT NULL,
  `status` varchar(100) DEFAULT NULL,
  `bid_create` timestamp NULL DEFAULT
CURRENT_TIMESTAMP,
  `bid_update` timestamp NULL DEFAULT
CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  PRIMARY KEY (`bid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tblbilder`.

```
INSERT INTO `tblbidder` VALUES
('B20201103045607','V20201010051058','T20190725022124',120000,'2019-07-
19','Accepted','2020-11-03 11:26:07','2020-11-03 11:27:27')
```

• Captcha: (Table name: `tblcaptcha`)

1.) Create Table with name `tblcaptcha`.

```
CREATE TABLE `tblcaptcha` (
  `captcha` varchar(100) DEFAULT NULL,
  `captcha_create` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `captcha_update` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON
UPDATE CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tblcaptcha`.

```
INSERT INTO `tblcaptcha` VALUES ('10403','2020-10-18 13:59:37','2020-11-03
13:45:39');
```

• Contact: (Table name: `tblcontact`)

1.) Create Table with name `tblcontact`

```
CREATE TABLE `tblcontact` (

 `cid` int NOT NULL AUTO_INCREMENT,

 `name` varchar(45) DEFAULT NULL,

 `email` varchar(100) DEFAULT NULL,

 `message` varchar(300) DEFAULT NULL,

 PRIMARY KEY (`cid`)

) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tblcontact`.

```
INSERT INTO `tblcontact` VALUES (1,'Kishor
Kadam','kadamk33@gmail.com','Awesome tender website.');
```

• <u>Notice</u>: (Table name: `tblnotice`)

1.) Create Table with name `tblnotice`.

```
CREATE TABLE `tblnotice` (

 `id` int NOT NULL AUTO_INCREMENT,

 `title` varchar(100) DEFAULT NULL,

 `info` varchar(300) DEFAULT NULL,

 `notice_create` timestamp NULL DEFAULT CURRENT_TIMESTAMP,

 `notice_update` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON
UPDATE CURRENT_TIMESTAMP,

 PRIMARY KEY (`id`)

) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tblnotice`.

```
INSERT INTO `tblnotice` VALUES (6,'Kalyan Highway Flyover.','Project will
start on 21st-January-2021.','2020-10-19 13:22:22','2020-10-19
13:44:18'),(7,'Gandhi Setu Construction','Construction is going to be started
December 2020.','2020-10-19 13:30:11','2020-10-19 13:45:54');
```

• <u>Tender</u>: (Table name: `tbltender`)

1.) Create Table with name `tbltender`

```
CREATE TABLE `tbltender` (

  `tid` varchar(45) NOT NULL,

  `tname` varchar(100) DEFAULT NULL,

  `ttype` varchar(45) DEFAULT NULL,

  `tprice` int DEFAULT NULL,

  `tdesc` varchar(300) DEFAULT NULL,

  `tdeadline` date DEFAULT NULL,

  `tloc` varchar(70) DEFAULT NULL,

  `tender_create` timestamp NULL DEFAULT CURRENT_TIMESTAMP,

  `tender_update` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON
UPDATE CURRENT_TIMESTAMP,

  PRIMARY KEY (`tid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

2.) Insert Values into `tbltender`.

INSERT INTO `tbltender` VALUES ('T20190725022124','Gandhi Setu
Highway','maintainence',50000,'lkjhgfd','2019-07-19','Patna, Bihar','2020-10-18
14:06:41','2020-10-18 14:06:41'),('T20190725022416','MEGA CITY
CONNECTING ROAD CONTRUCTION','construction',100000,'mega city road
contruction','2019-09-14','Delhi','2020-10-18 14:06:41','2020-10-18
14:06:41'),('T20190725022601','KOKATA HALDIA BRIDGE
CONTRUCTION','construction',5000000,'bridge contruction from kolkata to
haldia','2019-07-28','KOLATA-HALDIA','2020-10-18 14:06:41','2020-10-18
14:06:41'),('T20190725101239','Game Development','software',150000,'We are
going to start a project on game development using GPS specification. Interested
condidates are required to bid as soon as possible','2019-07-19','Banglore,
India','2020-10-18 14:06:41','2020-10-18 14:06:41'),('T20190725101322','Game
Development','software',150000,'We are going to start a project on game
development using GPS specification. Interested condidates are required to bid as
soon as possible','2019-07-19','Banglore, India','2020-10-18 14:06:41','2020-10-18
14:06:41'),('T20201020094530','Java Development','Software',1450000,'Banking
regarding web based application.','2020-10-31','Ahmednagar','2020-10-20

04:15:30','2020-10-20 04:15:30');

Tender Status: (Table name: `tbltenderstatus`)

1.) Create Table with name `tbltenderstatus`.

```
CREATE TABLE `tbltenderstatus` (

 `tid` varchar(45) NOT NULL,

 `bid` varchar(45) DEFAULT NULL,

 `status` varchar(45) NOT NULL,

 `vid` varchar(45) DEFAULT NULL,

 `tstatus_create` timestamp NULL DEFAULT CURRENT_TIMESTAMP,

 `tstatus_update` timestamp NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,

  PRIMARY KEY (`tid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tbltenderstatus`.

```
INSERT INTO `tbltenderstatus` VALUES
('T20190725022124','B20201103045607','Assigned','V20201010051058','2020-11-03 11:27:27','2020-11-03
11:27:27'),('T20190725022416','B20201103053232','Assigned','V20201010051058','2020-11-03 12:30:25','2020-11-03
12:30:25'),('T20190725022601','B20201103051227','Assigned','V20201010051058','2020-11-03 11:43:11','2020-11-03
11:43:11'),('T20201020094530','B20201103051011','Assigned','V20201010051058','2020-11-03 11:40:50','2020-11-03 11:40:50');
```

• Vendor: (Table name: `tblvendor`)

1.) CREATE TABLE `tblvendor` (

 `vid` varchar(45) NOT NULL,

 `password` varchar(45) DEFAULT NULL,

 `vname` varchar(100) DEFAULT NULL,

 `vmob` varchar(100) DEFAULT NULL,

```
  `vemail` varchar(100) DEFAULT NULL,

  `company` varchar(45) DEFAULT NULL,

  `address` varchar(300) DEFAULT NULL,

  `vendor_create` timestamp NULL DEFAULT
CURRENT_TIMESTAMP,

  `vendor_update` timestamp NULL DEFAULT
CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP,

  PRIMARY KEY (`vid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ;
```

2.) Insert Values into `tblvendor`.

```
INSERT INTO `tblvendor` VALUES ('V20190725100730','shashi','Shashi
Raj','9547462319','shashi@gmail.com','Wipro','Jain , Colony Belhariya More,
Tekari, Gaya, (Bihar) ','2020-10-18 14:03:07','2020-10-18
14:03:07'),('V20201010051058','java@1991','Kishor
Kadam','7276763516','kadamk33@gmail.com','Cyborg System Nebula
Studios','Bhalawani, Ahmednagar, Maharashtra.','2020-10-18 14:03:07','2020-10-19
07:16:52'),('V20201019093457','java@123','Javed
Tamboli','8369651475','javed.tamboli@gmail.com','Apostal Infotech Pvt
Ltd','java@123','2020-10-19 04:04:58','2020-10-19
04:04:58'),('V20201019093722','mayur@12345','Mayur
Mahale','8869351425','mayurmahale12@gmail.com','Sunsoft Technology','New
Sangavi, Pune','2020-10-19 04:07:22','2020-10-19
04:07:22'),('V20201103073214','raju@123','Raju
Kadam','9404308607','rajukadam@yahoomail.com','Paras Engineering Ltd,
Ahmednagar','Bhalawani, Ahmednagar','2020-11-03 14:02:15','2020-11-03
14:02:15'),('V20201103073611','arun@123','Arun
Pandit','9335648551','arunpandit@gmail.com','Kukut Palan','Kharwandi,
Newasa,Ahmednagar','2020-11-03 14:06:11','2020-11-03
14:06:11'),('V20201103074049','govind@123','Govind
Raut','9858563214','govindraut780@yahoomail.com','Nihalant
Software,Pune','Gevrai, Beed.','2020-11-03 14:10:49','2020-11-03
14:10:49'),('V20201103074458','kalu@123','Sagar
Kharmale','8456571542','sagarkharmale@gmail.com','Sahyadri Milk
Agro','Bhandgaon, Ahmednagar','2020-11-03 14:14:58','2020-11-03
14:14:58'),('V20201103074909','arun@000','Arvind
```
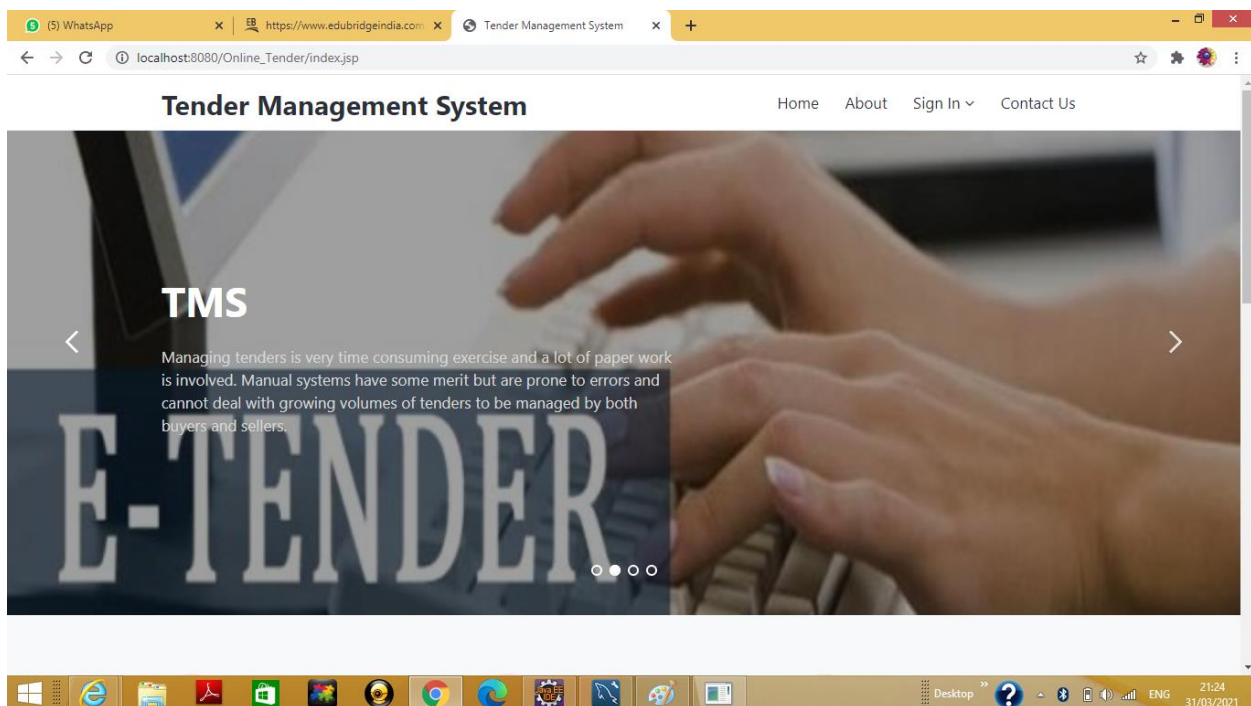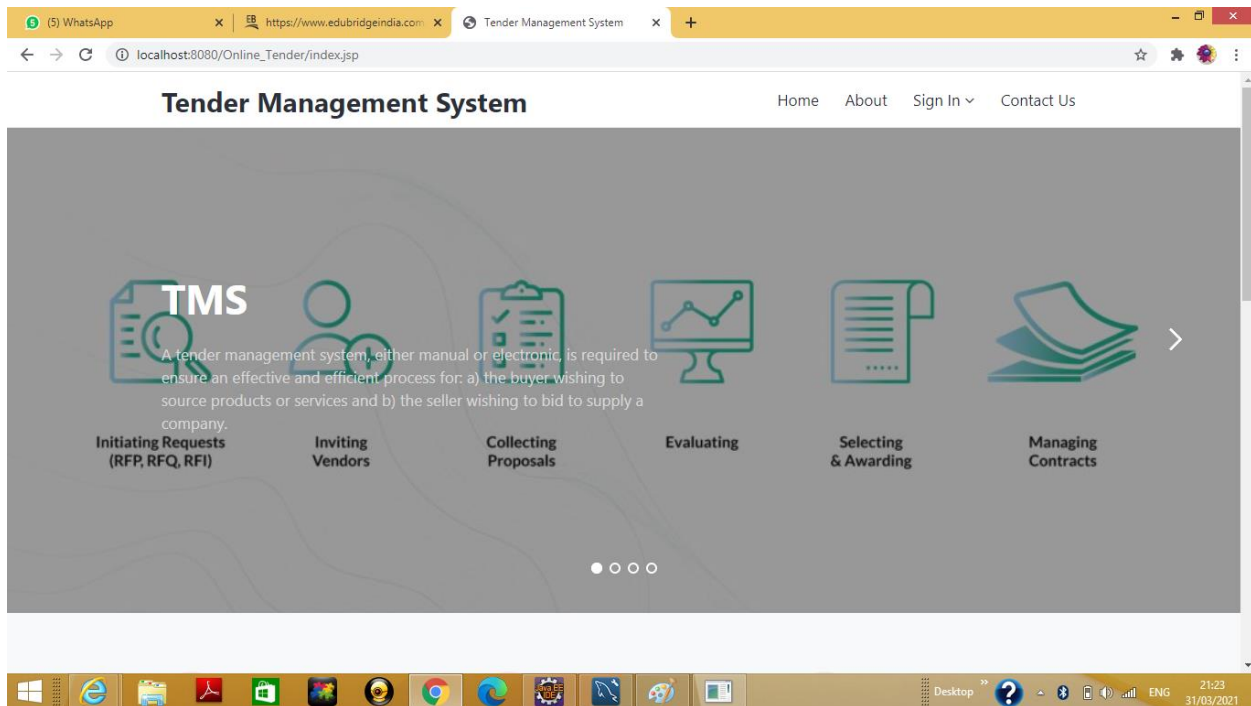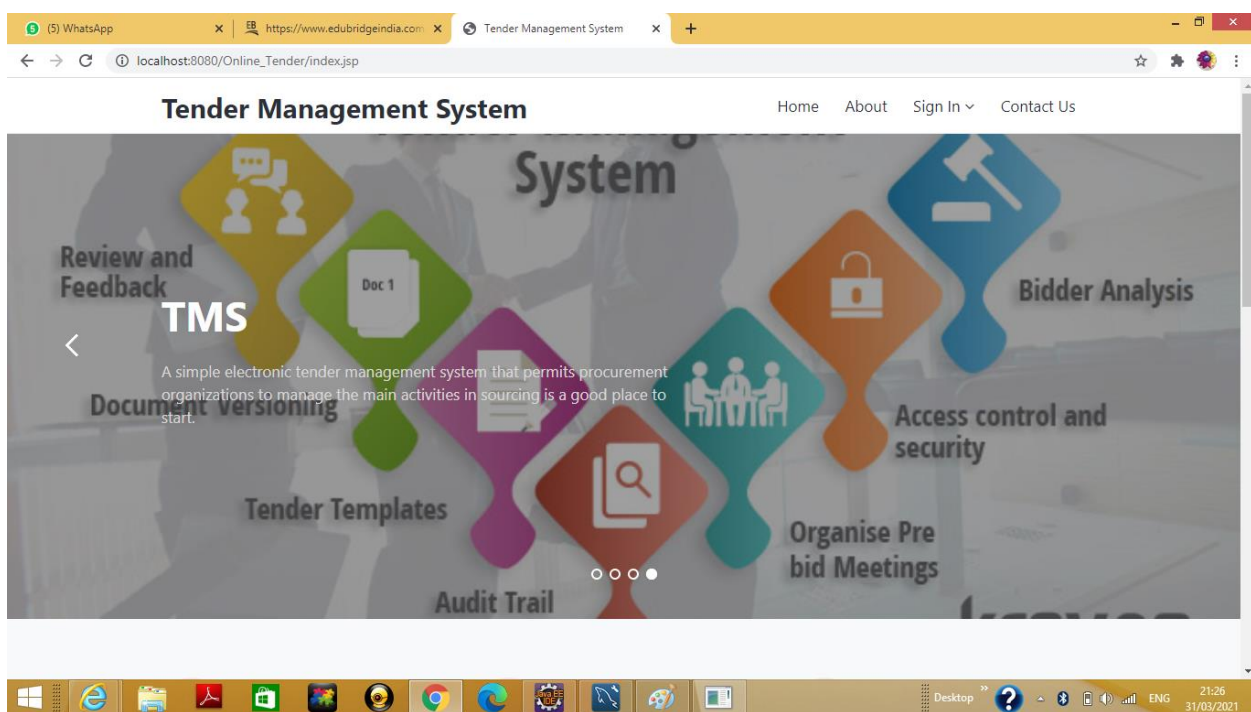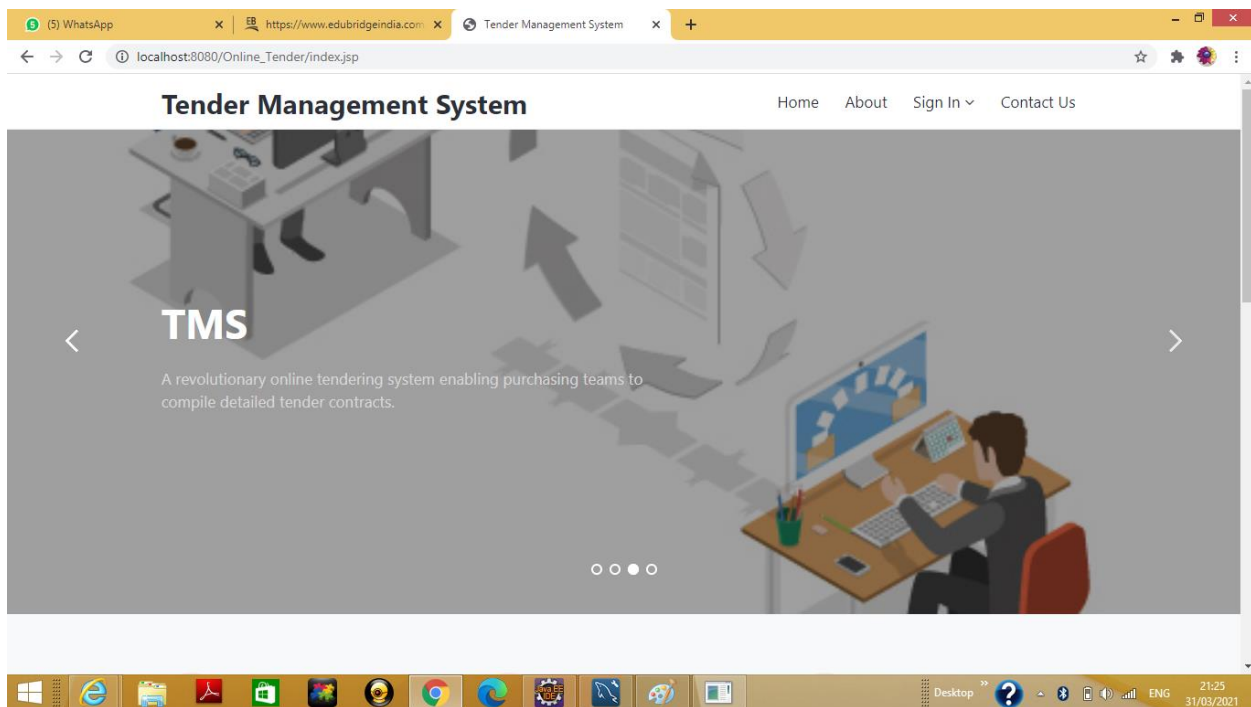
Kadam','8969352147','arvindkadam89@gmail.com','Yash Furniture Services','Belwandi, Srigonda, Ahmednagar','2020-11-03 14:19:09','2020-11-03 14:19:09'),('V20201103075231','gaurav@123','Gaurav Wakchaure','8825471235','gauravwakchaure@gmail.com','Apostal Infotech Pvt Ltd','Dattawadi, Pune.','2020-11-03 14:22:31','2020-11-03 14:22:31');
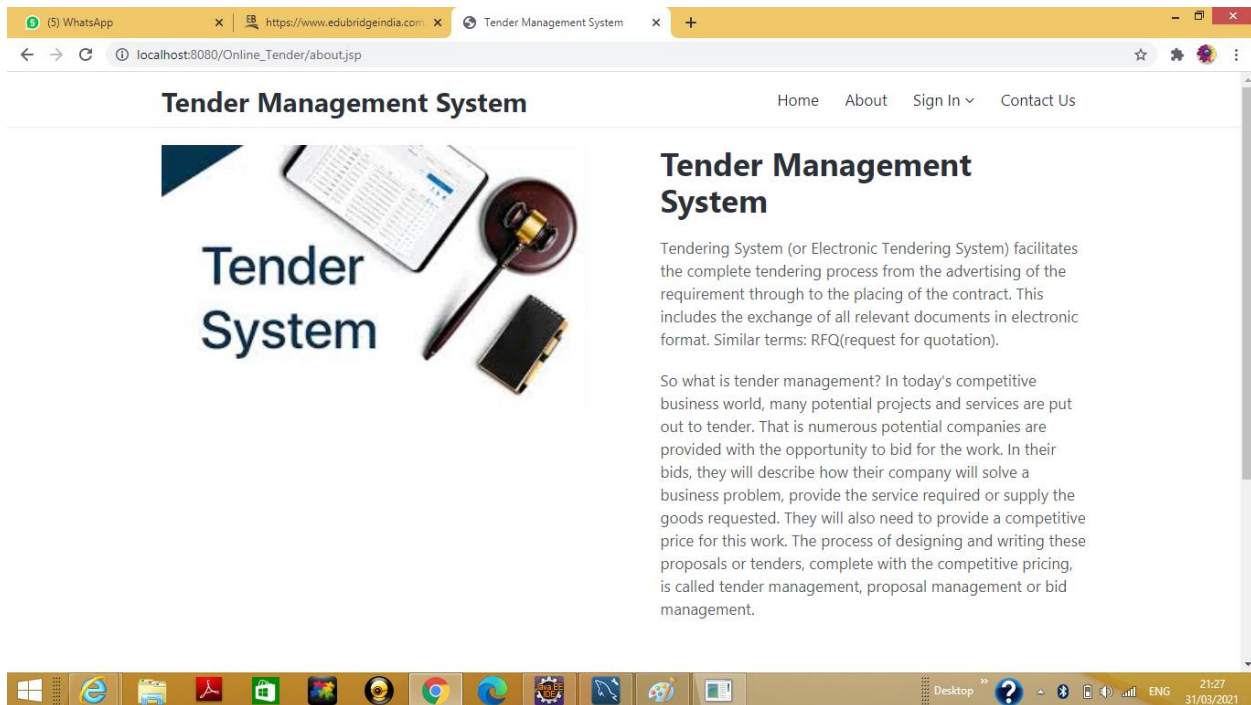
<u>Description and Modules of "ONLINE TENDER MANAGEMENT SYSTEM" Project</u> :

- Description:

  "ONLINE TENDER MANAGEMENT SYSTEM" is an Website which Provides an Information related to the tenders and vendors. It guides the user about the tender. The Website contains User and Admin pages respectively. In the upcoming pages I will show it in detail.

- **Main Modules / Menu Columns :**

  1. Admin Login
  2. Vendor Register
  3. Vender Login
  4. Vendor change password
  5. Vendor Profile
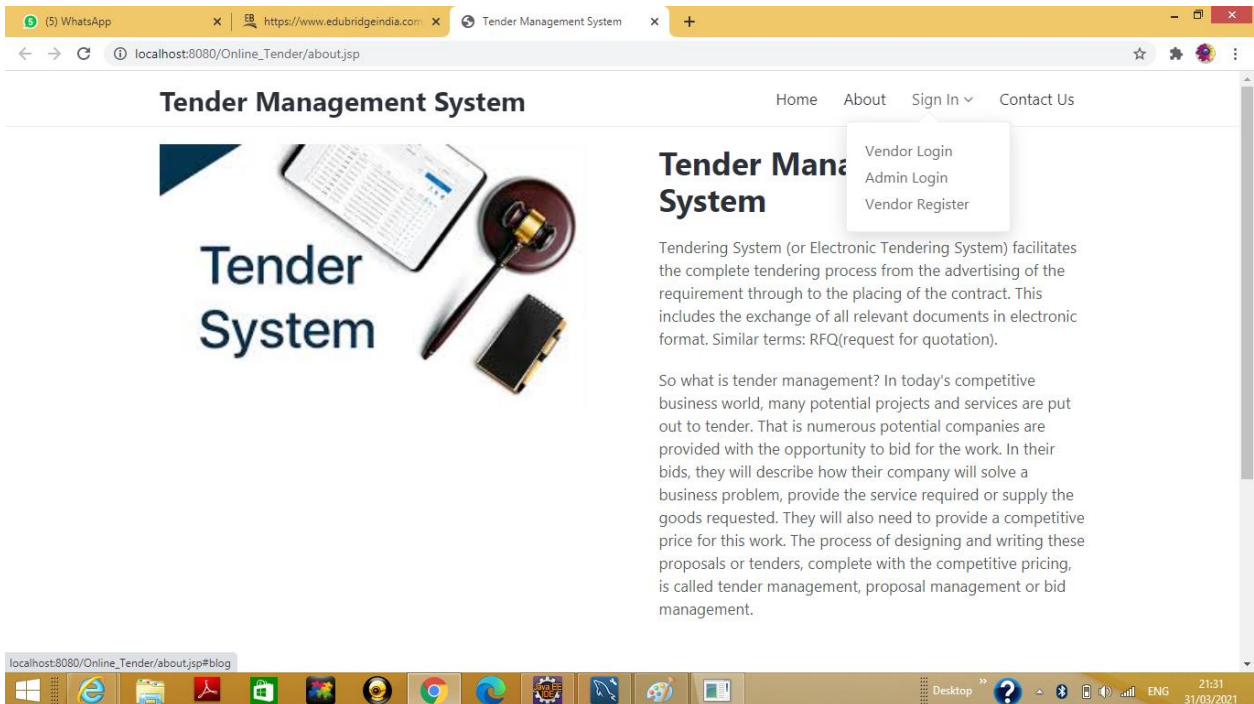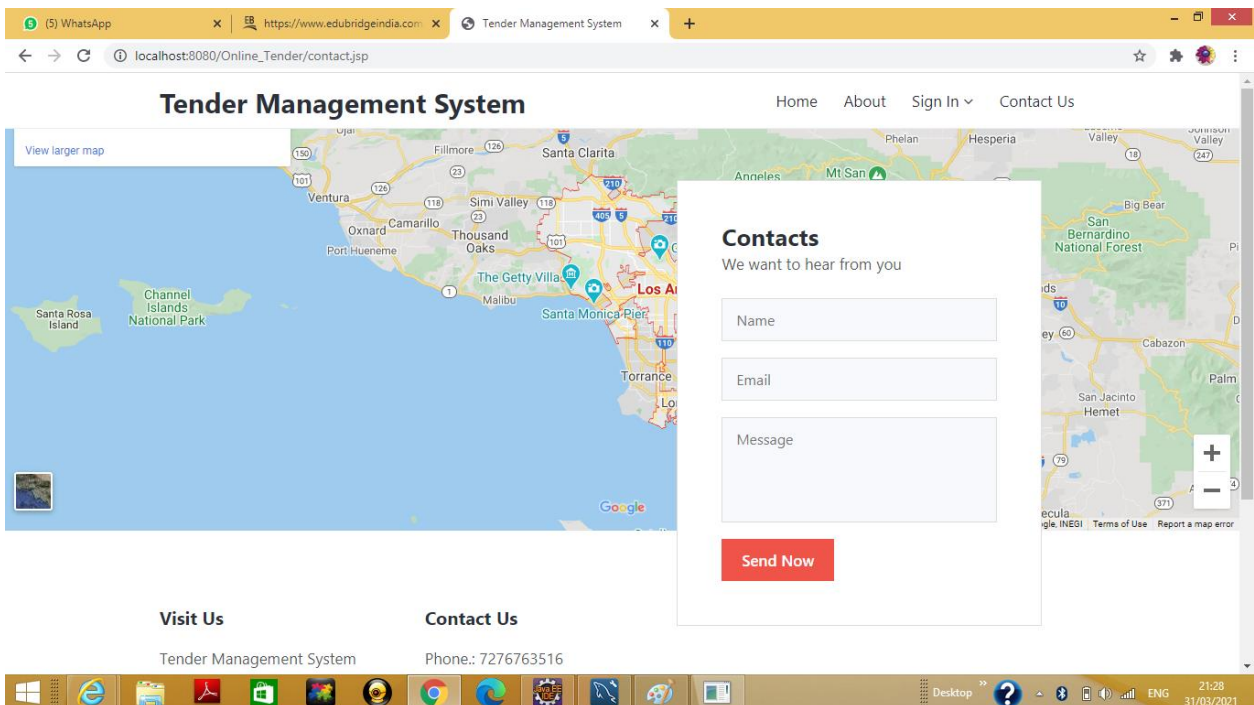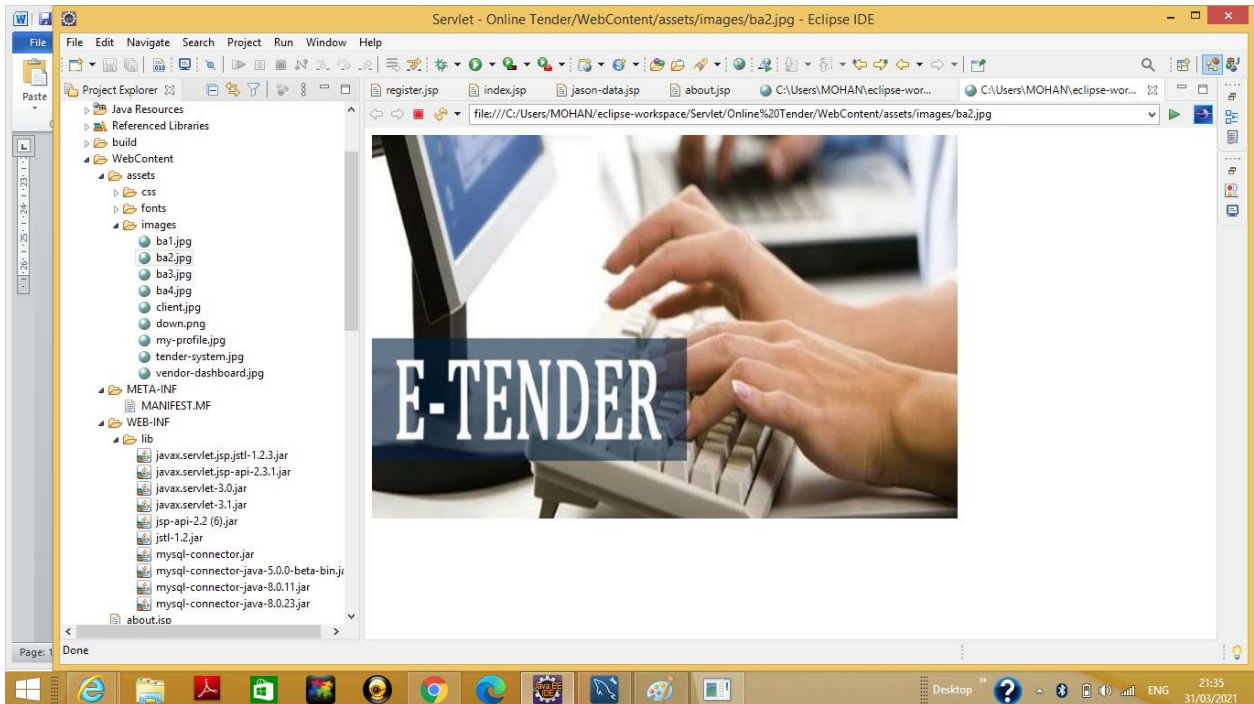 6. Contact
  7. Logout
  8. Gallery

Tender Management System

Home   About   Sign In ⌄   Contact Us

Tender Management System

Tendering System (or Electronic Tendering System) facilitates the complete tendering process from the advertising of the requirement through to the placing of the contract. This includes the exchange of all relevant documents in electronic format. Similar terms: RFQ(request for quotation).

So what is tender management? In today's competitive business world, many potential projects and services are put out to tender. That is numerous potential companies are provided with the opportunity to bid for the work. In their bids, they will describe how their company will solve a business problem, provide the service required or supply the goods requested. They will also need to provide a competitive price for this work. The process of designing and writing these proposals or tenders, complete with the competitive pricing, is called tender management, proposal management or bid management.

About Us Page.

Contact Page.

Gallery Page.

Modules /Columns of User Profile in "ONLINE TENDER MANAGEMENT SYSTEM" Project :

- **Main Modules / Menu Columns:**

    1. User Registration
    2. User Login
    3. User Dashboard Page.
    4. Search Tenders

- **Sub Modules / Menu Columns :**

    1. My Profile.
    2. Update Profile.
    3. Change Password.

<u>Modules / Columns of Admin Profile in "ONLINE TENDER MANAGEMENT SYSTEM" Project</u> :

- **Main Modules / Menu Columns :**

  1. Admin Login Page.
  2. Admin Dashboard Page.
  3. Add Password.
  4. Tenders.
  5. View Users.

- **Sub Modules / Menu Columns :**

  1. Change Password.
  2. Vendor Profile Update.
  3. Create New Tender.

Online Tender Management System Project has been completed.