

Project Proposal Document E-Commerce Website

Submitted to Website Owner

Prepared by Itplot Technologies LLP

02nd March 2015

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The contents of this document are provided to the client in confidence solely for the purpose of evaluating whether the contract should be awarded to Itplot Technologies LLP.



CONTENTS 1 EXECUTIVE SUMMARY

1.1 PROJECT BACKGROUND

1.2 PRICE

2 SCOPE OF THE PROJECT

2.1 SCOPE
2.1.1 Design Goals
2.1.2 High level Requirements
2.1.3 Front-End
2.3 Back-End
2.4 Design Goals
2.5 EXCLUSIONS FROM SCOPE
2.6 ASSUMPTIONS

3 PROJECT ESTIMATION SCHEDULE

3.1 COST ESTIMATION3.2 SCHEDULE

4 TECHNICAL OVERVIEW

- 4.1 PRODUCTION ENVIRONMENT
- 4.2 DEVELOPMENT ENVIRONMENT
- 4.3 BROWSER COMPATIBILITY
- 4.4 External Interface Requirements
- 4.5 User Interface

5 GENERAL TERM AND CONDITIONS

6 PROJECT EXECUTION MODEL AND DELIVERABLES

- 6.1 EXECUTION MODEL
- **6.2** ACTIVITIES AND DELIVERABLES
- 6.3 ACCEPTANCE CRITERIA AND PROCEDURE

7 QUALITY CONTROL AND PROJECT MANAGEMENT PROCEDURES

7.1 QUALITY

8 COMPANY PROFILE

8.1 COMPANY HIGHLIGHTS8.2 QUALITY POLICY



8.3 INFRASTRUCTURE8.4 TECHNICAL EXPERTISE8.5 OUR SERVICES8.6 DELIVERY METHODOLOGY8.7 PARTNERSHIP MODELS8.8 WHY Me

Introduction

1.1 Background

The purpose of this document is to define the features of the Window Blind E-Commerce Website. Here Visitors can see the publicly available features such as browse products, view details of products (Size, Color and Cost), and view other static contents of site. Registered User can view all publicly available features and in addition to this they can purchase the products by adding them into shopping cart. Admin can manage all the contents and Orders from the Backend (admin side)

Types of Users of the website are:

Visitors Customers (Registered Member) Admin

1.2 PRICE

I proposes a Fixed Price engagement model for the development Window Blind E-Commerce Website based on the document provided, we propose following detailed in the section Fixed Price of development of Window Blind E-Commerce Website stated in scope section is [Private] The pricing details associated with this engagement are detailed in the section Project Estimation Schedule

ITPLOT^{*}

SCOPE OF THE PROJECT

The objective of this project proposal is to define the project scope of Window Blind E-Commerce Website and to provide the Estimation.

The advantage would be simple user interface that is easy to understand by all type of users.

2.1 SCOPE

The scope document is defined after discussing with the Client

2.1.1 Design Goals

The application consists of following main things: **Visitor Features**

View Home Banners or Slide Show Gallery Browse Products View Product Details View FAQs Become a Member through Registration process View Static Pages

Registered Member Panel

Login to site Manage Account My Profile My Orders Buy Product (Checkout) Logout

Admin Panel

Login Dashboard Administrator User Management Site Member (Customer) Management Blind Type Management Product Attribute Management Product Management Price Chart Management Banner Manager Order Manager Shipping Management



2.1.2 High level Requirements

System Block Diagram

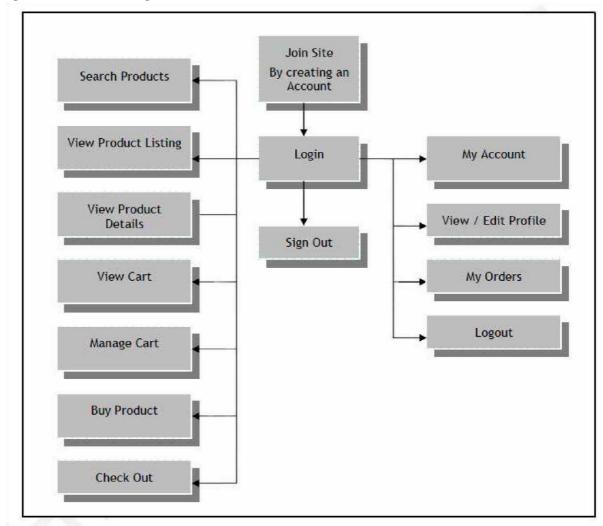


Fig. 1: Basic Components of the Window Blind E-Commerce Website

Join Site

2.1.3 Front-End

Home Page

• Views Website Logo, Banners or Slideshow which are integrated with Home Page

- View list of Latest Products available with details like
 - Product Title
 - Image
- View links for Login and Sign Up
- Clicking on any link, User will navigate that particular Page

Product Display

- Displays products
- Click on image will display information of product as well as choice of different sizes if available
- View the details of the products, with Image on Product Detail page
- View listing of all Related Products
 - Product Name
 - Product size
 - Image
- Clicking on Image, User will navigate to "Product Detail" Page

Product detail Page

Views Product details as follow

- Product Title
- Product Image
- Features of the selected Product

Option for "Add to Cart", User can add the Product to Cart with the specified Preference

View Cart

• Displays products added to the shopping cart with a small product image, subtotal, shipping amount Link to "Update! And "checkout! Link to "See entire shopping Cart!

Can view its shopping cart (if purchased anything will show list of items that are being purchased with the quantity and the total price of those buying) Remove Product from the Cart

Update Quantity and Recalculate Sub Total

User Login

This section allows User to enter the website by adding login details created during registration

Enter authenticated Email Address and Password to login Forgot Password Link Recover password through mail New User? Sign up link available

Registration: This section allows New Users to create new registration account on the Site

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Fill the registration form with all required fields Enter Profile details like name, email id, password Enter address details like Country, State and Zip Code Submit Form

After creating login, the Customer enters the account with authenticated username and password and can perform the following tasks:

My Account Personal Information Change Name, Login, E-mail Address, or Password Manage Address Information My Orders View all Orders View order no/ order date/ amount/ quantity View Status (In Process, Shipped, Open, Rejected) History/Receipts View Details of all the orders made View order id, status, date ordered Link to re-Order Last Order Displays the last order made Link to reorder and reset quantity View Order Tracking Enter Order Number View Shopping Cart Delete Account Sign out

Checkout

Proceed to Shipping Details View/ Edit Shipping Details Select Shipping Method Proceed to Billing Details View/ Edit Billing Details Review Order View Total Order Summary, with Shipping and Billing Details Proceed to Payment Details PayPal Payment Gateway Integration Order Confirmation Show confirmation of order with order details on the screen

FAQ

Displays a list of frequently asked Questions

Shipping Information



Details regarding Shipping information and collaboration with any partners which will be confirmed with client for more details

Static Pages

Contact Us About Us Privacy Policy Disclaimer Terms & Conditions

2.3 Back-End

Admin panel is the back end of the application from where the admin can manage the whole site and its contents as well.

Login

Administrator may login into the admin panel with the authorized username and password to get access to this panel.

Site Map

View Summary of the whole Admin panel

Administrators Users Management

The administrator user section shows the list of admin users accessing the panel. The admin can search and sort the list. The admin can even edit and delete the existing record.

View Admin Search / Sort Admin users Change the Status of admin user (Active / Inactive) Add / Edit / Delete Admin Users

Customer Management

The Customer Management section shows the list of customers who have registered themselves on the site.

View All Customers of the site Search / Sort Customers Change the Status of Customer (Active / Inactive) Add/ Edit / Delete Customers Send mail to the Customers

Product Attribute Management (Like Sizes and Colours)

View All Product Attribute Change the status (Active / Inactive) Sort Product Attribute Add Attribute Enter Attribute Name Edit / Delete Product Attribute

Product Management

The Admin can view all the products that are being displayed on the site.

Admin has full rights to add/ edit the particular product once placed on the site.

View all products Search / Sort Products Alphabetical Search Change the Status (Active / Inactive) Add Product Add General Information about the product like Name, Blind Type, Attribute Upload Image and Video Edit / Delete Product Product categories (Category management)

Price Chart Management

The Price Chart Management section allows Admin to manage all Price Chart available for Pleated / Venetian / Roller on the Site View all Price Charts Change the Status (Active / Inactive) Add new Chart Select Blind Type Title Upload Chart File Edit / Delete Chart details

Country Management

View All Countries Search / Sort Countries Change the Status (Active / Inactive) Add / Edit / Delete Countries Search / Sort States Change the Status (Active / Inactive) Add / Edit / Delete States



Tax Management

View All Tax percentage with the countries Search / Sort Taxes Change the Status (Active / Inactive) Add / Edit / Delete Taxes

Shipping Management

View all methods of Shipping with the amount Search / Sort Shipping Methods Change the Status (Active / Inactive) Add / Edit / Delete Shipping Methods

Order Management

View all Order Detail View Order Information View Billing/ Shipping/ Payment View/ Change Order Status (In Process, Shipped, Open, Rejected) Search / Sort Orders Alphabetical Search Edit / Delete Orders Print Order Confirmation Print Invoice

FAQ Management

View all FAQs Search / Sort FAQs Alphabetical Search Change the Status (Active / Inactive) Add/ Edit / Delete FAQs

Email Template

There will be different templates available for different occasion like Welcome Mail, Forgot Password

System Settings (General Site Settings)

View / Edit all Setting of Website General Settings Name of Site Main Site Title URL Meta Tags Information Settings Site Copyright Text Site Control Panel Title Administrator Email ID

Static Pages Management

View List of Static Pages FCK Editor provided



Log out

The Administrator can log out of the admin panel from the log out link given in the panel.

2.4 Design Goals

The application consists of following main sections:

Visitor Features

View Home Banners or Slide Show Gallery Browse Products View Product Details View FAQs Become a Member through Registration process View Static Pages

Registered Member Panel

Login to site Manage Account My Profile My Orders Buy Product (Checkout) Logout

Admin Panel

Login Dashboard Administrator User Management Site Member (Customer) Management Blind Type Management Product Attribute Management **Product Management Price** Chart Management Banner Manager Order Manager Shipping Management **FAQ Management Email Templates** Static Page content Management Tax Management Location Management (Country/State/City) System Settings Logout



2.5 EXCLUSIONS FROM SCOPE

The following is a list of activities that are clearly excluded scope of development for this proposal.

Development of Detailed Functional Specification

Detail functional specification is not included in this timeline. Scope document will be the base document for the requirements.

2.6 Assumptions

We have developed our estimate based on the following assumptions.

3rd Party Tool

Client will pay for 3rd party tools, if required

Client will provide Sample Data to test the entire web site.

Based on data based on organizational assets, we believe that sample set of values for data base elements having impact on business rules and business work flows, are critical from development as well as testing stand point.

User Acceptance Testing

Client will prepare business scenario and test entire website once I delivers the website.

Signoff and Acceptance of Deliverables

During the course of the project, I will make relevant deliverables avail- able to Client. I expects these deliverables to be reviewed, accepted and signed-off by in the timeframe mentioned against each deliverable. If Client finds defects in the deliverables, I will rework the defects and re-present the deliverables for acceptance.

Documentation

The responsibility of creating / updating any other documents / technical documents such as user manuals, online help etc. shall be with client and in case if any documentation required, it will be charged extra and will not be part of this contract.

3.1 COST ESTIMATION

Cost Estimation: Items	Cost (INR)	
Delivery (Development + QA)	60000/-	
User Acceptance Test Support – Beta Release		
Itplot Technologies LLP		
F 126, 127 Dhanshree Tower II		
Central Spine, Vidyadhar Nagar, Jaipur - 302023		
info@itplot.com, ktrmnjt@gmail.com		
+91-141-2233930, +91-88 9000 8484		

www.itplot.com



(Post Delivery – 4 weeks)	
Total Cost of Project	60000/-

Milestone of payment	Item	% of price
<u>schedule</u>		
Milestone 1	Award of Project	50%
Milestone 2	After First Demo on Development	30%
	Server	
Milestone 3	After Final Demo on Development	20%
	Server	

3.2 SCHEDULE

Schedule and Time line

The project schedule is based on the project start date. Any change in start date would amount to changes in all subsequent delivery dates. The actual project schedule and detailed planning inclusive of Client reviews and feedback will be made based on inputs from Client once requirements analysis is completed.

Delivery (Design + Development + QA + Beta Release): <u>15 days</u> User Acceptance Testing: <u>2 days</u> Total duration including Delivery and UAT: <u>20 days</u>



4 Technical Overview

4.1 Production Environment

The final tested version of the application will be deployed in the production environment and will be available to the end users. This will also serve as the staging/QA environment before the first release/Beta of the application.

4.2 Development Environment

The development environment will be used for developing and testing future releases of the application. The version of the application deployed in the development environment will not be available to the end users and will be accessible only to the developers.

The development environment will also serve as the staging/QA environment for subsequent releases of the application but will not be used for any performance related testing since the server configurations in the development environment are not intended to replicate the production environment and thus will not give an accurate measure of how the application would perform in the production environment.

Technology Stack Software	Product
Database Server	My SQL 5.x
Operating system	Linux
Web Server	Apache
Development Environment	PHP 5.2.x, Magento, AJAX

4.3 BROWSER COMPATIBILITY

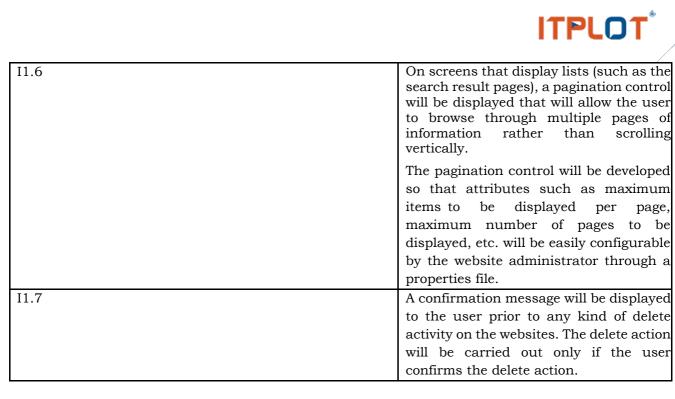
Supported Browser		
Internet Explorer 7.0, 8.0, 9.0,10.0		
Firefox 3.x		
Google Chrome		
Safari (Windows)		



4.4 External Interface Requirements

4.5 User Interface

This section describes some specific requirements regarding the intended user interface for the application. The details of the user interface design for each screen would be covered during the prototyping phase of the project. Seq. No.	
I1.1	GUI standards followed for all the websites under consideration will be based on the creative inputs.
11.2	All websites will be developed for a screen resolution of 1024 x 768 and higher
I1.3	All websites will be completely functional in the following web browsers: Microsoft Internet Explorer (IE) 7.0 and IE 8.0 Mozilla Firefox 3.x Google Chrome Apple Safari (Windows)
I1.4	Popup windows will be used only in places where it is important to keep the user on the main screen such as the Details screen. If the user has a popup blocker enabled, a message will be displayed asking the user to disable the popup blocker before continuing.
I1.5	Client side scripting, AJAX controls will be used wherever required but without making the pages too heavy to load.



5 GENERAL TERMS AND CONDITIONS

The efforts estimation and planning is based on high level Business. Any reduction/addition to this will be considered during requirement analysis and knowledge transition phase and re- estimation will be carried out.

Any change in scope during the project execution of the project will be handled through the Change Management process

Cost (in both the option) will not include cost of domain registration, hosting, payment gateway charges, data migration from old/existing site to new site and server management charges etc.

Cost Estimation is valid for 6 days from the date of proposal has been sent. Then after the cost is subject to be varied as per the change of the company policy & other terms.

I expects that Client will provide timely input/feedback for all reviews and queries raised during the project execution. It is expected that Client will resolve queries in rea- sonable time frame. Any delay can result in slippage of the schedule.

I assumes that all sign-offs from Client will be provided within agreed and specified timeframe. Such time frame can be decided at the beginning of each key mile-stone/activity

All the documentation will be provided in English



It is requested to the clients provide confirmation/approval as & when required within $\underline{2}$ <u>business days.</u>

Estimation does not include any data entry or templates work as a part of this contract.

This proposal is valid for 6 days unless extended by Itplot Technologies LLP.

In case Client requires any extension of the proposed acceptance schedule, the associated effort and cost of such extension can be mutually reviewed.

My team will require a lead-time of 2 days_to start the project after the project is awarded.

In case if there are delay from client with regards to response of queries or feedback longer than a week additional 10% cost of entire project will be imposed on the final payment or delivery of the project.

For any circumstances if project needs to be put on Hold / Stop it requires minimum request no- tice period of 1- 2 weeks along with duration for which request will be addressed by management and final decision on the request will be based on that.

Source code will only be delivered or uploaded on the live server once the due payment is made.



6 PROJECT EXECUTION MODEL AND DELIVERABLES

6.1 EXECUTION MODEL

Design layout and prototype based on Clients input. Demo and deliver design layout and finalize the same with Client. Prepare Scope document and finalize same with Client. Design database and architecture for the web site. Develop and test high risk and high priority features early in development life cycle to ensure verification of risk before major investment are made Quality assurance team will test entire sites and report defects. Development team will fix defects and ensure quality of website. Finally demo and deliver website to Client for the final review.

These best practices in turn will help meet the objectives of a high quality and optimal solution in the specified timelines.

6.2 ACTIVITIES AND DELIVERABLES

The table below lists the in- puts, deliverables and the responsibilities for the various phases of RUP and data migration activities to be carried Out. Inputs	Deliverables	Responsibility	Client's Responsibility
Ince	<u>ption (P hase I)</u>		
Accepted Work Order Study and Analyze requirements	Refine scope document Design Layouts Prototypes in UI	Analyze requirements and HTML UI Provide queries and feedback on requirements. Work with Client to baseline scope Document and prototype.	Knowledge transfer on business logic Approve and base- line delivered artifacts Resolution for queries
Elaboration (Phase II)			
Approved artifacts Approved prototypes (GUI)	Intermediate web- site progress and demo which in-	Develop basic features based on priority if any. Demo to Client	Review and provide feedback Resolution of inter- mediate queries



			/
	cludes basic fea-		
	tures		
Construction			

Approved artifacts Approved prototypes GUI	Finalize Co bas sou	e Irce	Design cha any. Code cons QA(Unit integration Fixing of de detected in Acceptance	truction and testing) efects testing	Resolution mediate Carry ou based on intermed delivery.	t review
All Source and binaries		Review tested code	ed and	Provide s to Client defects du acceptanc	for fixing uring	Carry out final acceptance testing Provide acceptance on final deliverable

6.3 ACCEPTANCE CRITERIA AND PROCEDURE

The Client will perform acceptance testing of the deliverables on their systems. My team will assist the acceptance-testing phase. Any issues reported during the Acceptance Testing will be analyzed and categorized as "Defects" or "Change Requests (CRs)". Problems arising due to the defects in the realization from the starting points will be categorized as Problem Reports and rectified by me. My team will attempt to solve the problems reported at the earliest. In case the estimated time for solving the problems is going to be significant, it will be communicated to Client.

Formal Acceptance Testing will start after my team sends the final delivery. I will make out a formal Delivery Note to the Client. Client will acknowledge, review the work and approve the delivery as complete and acceptable or incomplete and unacceptable, within the number of days of delivery being made as mentioned below. If rejected, I will rework the software to requirements.

I uses following defect classification:

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Type Of Error	Description		
PO	Fatal Error. Runtime error occurs which causes		
	the application to crash.		
P1	No Fatal Error, but functionality differs from the		
	specification.		
P2	Error wherein the software works but a degree of		
	in- convenience is caused. Correction is not		
	deferrable and an easy work around exists.		
РЗ	Cosmetic errors like navigational errors, object		
	positioning on the screen etc.		

7 QUALITY CONTROL AND PROJECT MANAGEMENT PROCEDURES 7.1 QUALITY

With a view to providing client work products of high quality, without compromising on timeliness, Quality Processes and Controls will be prepared for the development activity. These Processes and Controls cover all activities from receipt of specifications to delivery of the work product.

The following controls are in place to ensure that projects deliver quality products on schedule and within budgets.

Contract Reviews to ensure clear understanding and identification of customer requirements, mutual roles, responsibilities and risks.

Preparation, Review and Approval of Project Related Plans.

Team Allocation using Project Management System to ensure the best possible fit between project needs and the available manpower resources.

Periodic Project Status/Progress Reviews to monitor progress against the plans and take corrective actions where necessary.

Preparation, Review and Approval of Test Plans to ensure quality of the testing process.

As part of our Quality Management System, all work is audited and reviewed at various levels.

Quality Objectives

Deliver a product that meets and exceeds client expectations

No schedule slippage



No P0 defects are found during the Acceptance testing phase

8 COMPANY PROFILE

8.1 COMPANY HIGHLIGHTS

Founded in year 2012 by thought leaders with vast experience in academia & industry. Achieved total financial stability since inception and grown solely on internally generated funds Service oriented and consulting firm with focus on high quality IT value Global clientele (US, Europe & Asia Pacific)

Long term client relationship with large clientele.

As preferred application development outsourcing vendors, we have delivered significant benefits to our global customers.

Maintained a phenomenon growth over years and have reached at an inspiring stage Open Source Exposure with Experience: Joomla, Drupal, Magento, wordpress,

woo-commerce, CakePHP, Os-Commerce, Zen Cart, X- Cart, AspDotNetStoreFront, DotNetNuke, SugarCRM

The fundamental company values stem from understanding that our success is tied with success of our clients.

We work closely with our customers to ensure that we meet the service levels on the most critical parameters of 'on time', 'within budget' and 'defect free' application development.

Strong Security mechanism to protect Customer Data and Information

8.2 QUALITY POLICY

We are committed to provide improved, effective quality solutions and services to our customers by meeting their requirements and achieving continual excellence in all our products & services through our youthful, committed, motivated and dynamic team. We achieve this by

Ensuring continual improvements in our processes & operations.

Providing growth oriented & satisfying work environment for our Team Members.

Establishing and maintaining a symbiotic relationship with the stakeholders.

8.3 INFRASTRUCTURE

Our highly secure, robust and agile infrastructure has been rated 'best in class' during client audits.

Vast facility space with scalability option



Internet and email access to all employees

Advanced 24*7 Security Monitoring System

Branded workstations with latest configurations & Licensed Software

Well-structured CAT6 Gigabit cabling for all workstation with CISCO Switches.

High-end servers on various platforms (UNIX, Linux, Windows)

High Speed Bandwidth with dedicated leased lines

Automated Back up System with multiple 2MBPS Broadband Connection
3-tier security for IPR protection
Network security by Firewall (Software and Hardware)
Well Equipped Server Room
CCTV Surveillance
Separate VLANs as per client requirements
Conference Room with Wi-Fi and other Advanced equipment's
1 IBM Server - Local Development Server
2 HCL Servers - Online Development Server (1 Linux + 1 Windows).
3 IBM Online Latest configuration Server for production and Demonstration

8.4 TECHNICAL EXPERTISE

Web Technologies: PHP, .NET, RoR, ColdFusion, Java Open Source Customization: AspDotNetStoreFront, DotNetNuke, Joomla, Drupal, Os-Commerce, Zen Cart, X-Cart, SugarCRM Rich Internet Application: Flex, AJAX, Adobe AIR, Microsoft Silverlight Database: MySQL, MSSQL, SQL Server, Pervasive DB, Oracle Framework: CakePHP, Symphony, Smarty, enterprise Suite SDK Design Tools: Flash, Adobe Photoshop, Corel Draw, Illustrator, FireWork Documentation Tools: MS Visio, Rational Rose, Robo Help, Adobe Captivate.

8.5 OUR SERVICES

1. Web Development Services

Web Application Development Web & Enterprise Portals Website Design / Development Web based Database Programming Webenabling Legacy Applications Open source Software Integration

2. Software Development Services



Software Analysis and Design Software Upgrade Client Server Applications Distributed Applications Component Development Complex GUI applications Embedded Systems Data Conversion Systems Programming E-Commerce Solutions Database Maintenance

Web Design Services

Flash Design Photo Restoration & Image Processing Website Design Flyer Design Business Cards Design Logo Design Graphics Design Marketing Collateral (envelopes, visiting cards, letterheads, etc)

4. Mobile & iPhone Application Development

Application development for Mobile Social Networking and Wireless Communication. Mobile Game Development including 2D and 3D graphics for single, two and multi-player. Solutions based on mobile and handheld platform leveraging Maps, GPS and GPRS technologies Applications with GPS enabled location mapping, and Geographical map based routing with latest updates through GPRS based sync with server

IPhone Application, IPad Applications

Mobile brokerage Travel booking with Search options

5. Multimedia Solutions

Flash Games & Animations Logo Animations Brochure Designs Graphics Corporate Presentation / CD ROM Development Computer Based Training & e-learning Online Product Presentation Animation for Banner Designs Animation for Virtual Product Character design Template Design service Flash 2D & 3D Animations



6. Internet Marketing & Search Engine Optimization

Link Building /Link Popularity Services Pay Per Click (PPC) SEO Consulting services Content Writing / Webcopy Online marketing Website Analytics

7. IT Enabled Services

Back office Services Site Administrator Chat Support Email Support Data Conversions

8.6 WHY ME

Skilled IT Professionals State-of-art infrastructure Proven offshore outsourcing model Multi culture and multi-location understandings Quick Turnaround time Satisfied clients globally Proximity to skilled manpower source Establishment work execution and delivery process 24 X 7 Services High quality and cost effective solutions Rapid communication Flexible in adopting to the clients! Need

Vast experience from system implementation, integration and migration for some really Competitive customers.

Thank you and Regards.

Manjeet Kataria CEO- Itplot Technologies