**IT request for proposal *„ChocolateCustomizer“***

UAS Technikum Wien

Roland Priebernig, MSc.; Dr. Sylvia Geyer

Vienna, 13th September 2011

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| **Bodies of contract:** | | |
| **contracting bodies (client):** | | UAS Technikum Wien  Roland Priebernig, MSc.  Dr. Sylvia Geyer |
| **contracting authority:** | | UAS Technikum Wien  FH-Prof. DI Helmut Gollner |
| **Conditions of contract:** | | |
| **Participation in/ formation of a consortium:** | The participation in or the formation of consortiums is inadmissible, in any case. Of course the cooperation within the project team is requested. | |
| **Obligation of secrecy:** | There is the obligation of secrecy about all project relevant details. | |
| **Award criteria/ principles:** | The award decision is based on the ranking. The supplier with the highest ranking, with regard to the fulfilment of the qualification criteria, receives the award. | |
| **Amendment offer:** | Change offers are expressly prohibited and will not be accepted. | |
| **Deadlines:** | | |
| **Deadline for participation:** | | Monday, 31st October 2011  Up to the above mentioned date the application participation, for the present IT project, has to be communicated to the contracting bodies. If the deadline for participation will be exceeded, applications will no longer be accepted. The participation has to be communicated via moodle platform. |
| **Deadline for offer:** | | Wednesday, 17th November 2011  If the deadline for the offer is exceeded, offers will no longer be accepted. |
| **Award period:** | | Friday, 18th November 2011 |
| **Project description:** | | |
| **Specification/ detailed description of the scope of work**: | | In the course of the IT project "ChocolateCustomizer" a complete system should be implemented for a chocolate factory. This system has to consist of a frontend application (web application), as well as a backend application (core application).  Detailed description of the frontend application  (web application):  The frontend application has to be available for visitors and customers as a web-based platform.  Visitors can enroll/register themselves as customers on the platform, to search afterwards for interesting chocolate creations.  A customer can update its customer data in case of changes (e.g. marriage).  After a customer has found an interesting chocolate creation or has created his/ her own individual chocolate, he/ she can order the chosen or created chocolate. The customer can pay the chocolate via credit card. The payment itself is done by an external billing system. When the customer has ordered a chocolate and the payment was successful, an order confirmation is sent via mail, by an external email system, to the customer.  Furthermore a customer is also able to order a chocolate voucher, which is paid in the same way, as described above for the individual created or chosen chocolate.  When the customer has received the ordered chocolate, he/ she can rate the chocolate on the platform.  A further user group of the frontend are corporate customers. A corporate customer can order three different types of chocolate gifts, which are customer chocolate gifts, staff chocolate gifts and supplier chocolate gifts. The chocolate of the gift can be created individually and also the packaging is customized to the individual needs of the corporate customer.  A corporate customer will pay in the same way, as a single/ individual customer (as mentioned before).  Furthermore the employee of the chocolate factory has to be able to perform all steps of the customer and corporate customer.  Detailed description of the backend application  (core application):  In the backend system of the “ChocolateCustomizer”, the employee can administrate chocolate ingredients. Furthermore employees are able to order ingredients from the supplier, if the reorder point of the inventory will be reached. When the employee has ordered the needed ingredients, the order will be automatically forwarded to an external supplier system (by an interface).  When a chocolate voucher or a chocolate gift has been ordered from a customer or corporate customer, the employee has to create the chocolate voucher or the packaging of the chocolate gift. After finishing, the chocolate voucher will be sent via email to the customer. The packaging of the chocolate gift will be printed out by the printer and sent to the production department, where the chocolate will be packed.  Furthermore, the administrator maintains the user data of both applications, in the backend application. |

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| **Technical conditions/ system and implementation requirements:** | Frontend application/ web application:  For the implementation of the system, the contractor can use the following systems (but it could be, that the contracting body prefers one of the systems):   * Typo3 * Joomla * Drupal   Additionally, the developed frontend must be prepared and optimized for the use with classical browsers and mobile devices.  Backend application/ core application:  The backend application has to be development with Powerbuilder. Furthermore, the data of the backend application has to be stored and administered in a Sybase database.  Interface between the frontend application and backend  application:  The interface between the two databases of the frontend and backend application has to be developed and implemented manually.  Therefore, the contractor is not allowed to use a tool for the implementation of the interface.  General conditions/ backup:  The contractor receives only the access data for the virtual server. These servers have to be used for the system implementation of the IT project.  The contractor is responsible for the installation of the requested systems/ tools, as well as for the continuous backup! |
| **Partial deliverables:** | **Partial deliverables delivery dates**  Proposal presentation 17/11/2011  PM Book, Proposal presentation 21/11/2011  Software Requirements Document V1 28/11/2011  Software Requirements Document V2 05/12/2011  Protocol/ Status report 12/12/2011  Protocol/ Status report 19/12/2011  Protocol/ Status report 09/01/2012  Protocol/ Status report 16/01/2012  Final deliveries: 24/01/2012   * Project Management Book * Software Requirements Document * Implementation Web Application   Final/ sales video 29/01/2012  (Presentation on 26th January 2012) |

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| **Scope of the partial deliverables** | In the end of June 2012 (detailed date is to be announced), the whole software system as described in the section “specification/ detailed description of the scope of work” has to be implemented.  The contracting bodies expect the frontend as well as the web and mobile device readiness to be implemented until the 29th January 2012 (including all relevant frontend use cases).  The backend as well as the interface between frontend and backend are therefore scope of the second part of the project with the code name “Case Study 4”. A detailed list of appointments, deliverables and the final delivery dates will be released in February 2012. |
| **Project deadline:** | Sunday, 29th January 2011  If the whole achievement of the frontend part of the order was not delivered up to this day, penalty payments have to be expected. |
| **Application and project documents:** | |
| **Document format:** | The application documents have to be transmitted to the contracting bodies in the .pdf format.  Written project documents have to be also transmitted in the .pdf format. Software packages and the completed software product have to be deployed on the respective servers, according to the requirements of the contracting bodies. |
| **Document transmission:** | The transmission of the application documents and the written project documents occurs only via the Moodle course.  Software packages and the completed software product have to be deployed on the respective servers, according to the requirements of the contracting bodies. |
| **Documentation language :** | All application relevant and project relevant documents have to be provided in english. |
| **Documentation currency:** | Euro (€) |
| **Communication:** | |
| **Communication:** | The communication between the contracting body and the contractor will occur at the predefined appointments.  If the contractor would not be able to attend one of the online conference appointments, he/she has to inform the contracting body at the latest one week before the respective appointment. If the contracting body will not be informed in time, none alternate date can be arranged for the missed on-line conference, because of the high business volume on contracting body-side. |