

**Improving the quality of life of PcD in Palestine,  
optimizing the management and services of the  
PRCS rehabilitation program.**

**Contracting web design, UI, usability and  
translation jobs**

# PRESENTATION

BIG DATA - BUSINESS INTELLIGENCE - MACHINE LEARNING

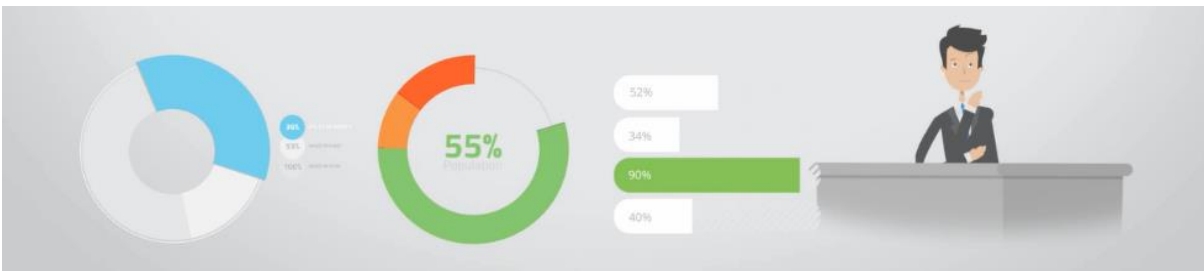
**strate**bi  
open business intelligence



# 1. DESCRIPTION

At Stratebi we offer a **wide range of analytical solutions** for a **fast growing** company, innovating in the technological areas of greatest development today: **Business Intelligence, Big Data and Social Intelligence**, many of them based on **Open Source Pentaho** solutions.

In addition, we are **Certified Partners in Microsoft PowerBI and Vertica**, with a large number of projects with both technologies.



We develop new analytical solutions based on Open Source, for the generation of dashboards in real time, with IoT technologies for SmartCities, machine learning, etc...



## **A) PROJECT DESCRIPTION**

Improving the quality of life of PcD in Palestine, optimizing the management and services of the PRCS rehabilitation program.

The project will contribute to the improvement of quality in the management of social rehabilitation services for people with disabilities in Palestine, provided by the Palestine Red Crescent Society (PRCS) under the agreement signed with the Ministry of Social Affairs (MoSD), through the improvement of its ongoing Rehabilitation Programme in 14 centres in the West Bank and Gaza Strip.

An information management system will be implemented with digitized systems, data collection applications on mobile devices and the development of business intelligence tools, both open source, thus reducing the digital divide of the PRCS...

The information and evidence generated will allow the development of new rehabilitation techniques to strengthen the capacity to care for children and youth with cerebral palsy. The project will improve the follow-up of at least 7000 users, the monitoring of activities and accountability to the population and to MoSD.

## **B) SCOPE OF WORK**

The work requested of the contractor shall cover the following scope as well as the detail of tasks indicated:

- We need to contract the design of Business Intelligence, Big Data and Machine Learning systems on Business Intelligence Open platforms.
- Historical and updated information of five modules of Medical Services would be analyzed, with their respective activities and diagnoses.
- Source and cutting-edge technologies such as Pentaho, LinceBI and Vertica
- Among the tasks to be performed are the following:
- Adaptation and customization of all web components (both desktop and mobile) at UI level.
- Creation of the color design, code modification for platform adaptation of each report and dashboard.
- Internationalization (translation of the platform into Arabic and English) of both the technical components (modules) and visual elements
- Elements of project visibility including donor and partner logos will be required.
- Possibility that the different reports, dashboards and modules can be integrated HTML to the PRCS application in the Home Page of the same.
- Creation of formulas, ratios and 'custom aggregates', necessary for its exploitation by each of the visual elements, according to the established design guidelines, as well as its adaptation to the requested languages: English, Arabic...
- Adaptation of tags, labels and search results in the system logs for use by end users.

## **C) EXPECTED RESULTS AND DELIVERABLES**

As a result of the work and tasks indicated above, the following results should be obtained in the deliverables listed below:

- Design development and modification on the development environment (Host Server, with sufficient capacities of the following components):
  - o UI/UX
  - o Internationalization
  - o Mobile Adaptation
  - o Fonts
  - o Logos, images, etc...
  - o Integration into existing frameworks
- Creation and implementation of the new UI on both web platform and mobile app.
- Creation of ad hoc reports, predefined reports and ad hoc dashboards, customised according to the design of the platform for Palestine
- Definition of fonts and topography, as well as aesthetic alignment with the application.
- Customization of predefined reports, OLAP reports and Dashboards, according to the needs and requirements of the project once the data is loaded and modeled.
- The deadline for the completion of these tasks is 4 months.

## **D) INSTITUTIONAL ARRANGEMENTS**

PRCS has 14 centres under its Rehabilitation Programme for Persons with Disabilities (PcD), as part of a larger, cross-cutting community programme in different delegations. It has served more than 7300 persons in 2018 in the different services of physiotherapy, deaf education, speech and hearing therapy, occupational therapy, special education for minors with intellectual disabilities, vocational workshops for persons with intellectual and/or physical disabilities, community-based special education (including awareness and advocacy)

Stratebi collaborates with the Spanish Red Cross (which holds the international agreements mentioned here).

Ministry of Social Affairs (MoSD), through an agreement signed in 2010 for the care of PwDs, which includes the delegation of rehabilitation services and education of children and youth with intellectual and hearing disabilities to the PRCS, with the Ministry guaranteeing the sustainability of the services. Currently, the reduction in funding faced by Palestinian institutions makes it difficult to cover all program needs. Within this institutional framework, the role of the PRCS will consist of: 1. Technical adequacy of the server architecture of its IT department for the implementation of the applications and information management solution to be developed.

## **E) WORKING HOURS**

The total duration of the work will be 4 months approx.

Deliverable /Products	Estimated Time to Complete Task	Due Dates
Customization and Design of all modules	One month	TBD
Creation and application of new UI to the web application on Pentaho and LinceBI modules, translation, etc...	One month	TBD
Design and creation of UI for web applications and mobile apps.	One month	TBD
Report customization, OLAP analysis and Dashboards	One month	TBD

## **F) PLACE OF DESTINATION**

The development work will be done against hosting server in Cloud, being able to perform the development work remotely.

Subsequently, in later phases, staff of the project team (not included in these developments) will move to Palestine for the installation and deploy of the production environment.

## **G) QUALIFICATIONS OF A SUCCESSFUL CONTRACTOR**

To be considered successful, a contractor must meet the following requirements

- Dedication of a specialist in design, UI, code customization, as a minimum who must have more than 10 years of experience with Open Source Business Intelligence systems.
- Have more team members with UI, web, mobile app development training in Pentaho/LinceBI.
- Have implemented 3 projects with Pentaho technologies plus LinceBI in the internationalization of applications to different languages.
- Demonstrable knowledge of Pentaho Mondrian, Pentaho Data Integration, Pentaho Metadata and customization of LinceBI tools.
- Have completed LinceBI Certification courses on Pentaho platform.
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## **H) SCOPE OF THE FINANCIAL PROPOSAL AND PAYMENT SCHEDULE**

The contract price shall not exceed 13.000€ (VAT included), for all the concepts indicated in the scope and payments shall be made in half and at the end of the works (according to the amount and schedule proposed).

## I) RECOMMENDATIONS FOR THE PRESENTATION OF THE OFFER

Proposals should include the following information:

- Brief description of the contracting company
- Description of the experience with the mentioned technologies
- Methodology to be used in the works
- Proposed dates, project deliverables
- Economic/financial proposal and method of invoicing/payment

## J) CRITERIA FOR THE SELECTION OF THE BEST OFFER

The bids will be selected according to the following criteria:

- 40% methodology applied, definition of the processes and tasks to be carried out that best fit the scope.
- 30% contractor's equipment and experience
- 30% financial offer

Send your proposals to [info@stratebi.com](mailto:info@stratebi.com)

**Deadline for submission: 27/09/2021**

**Vendor selection date: 01/10/2021**