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BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Supply and Installation of a Safe Room for
the Center of Corporate Data Processing.
General Management of Innovation
and Technological Development

Programa Operativo de Illes Balears

Año 2018

Fondo Europeo de Desarrollo Regional

SUPPLY AND INSTALLATION OF A SAFE ROOM FOR THE CENTER OF CORPORATE DATA PROCESSING

Basic description of the project

The General Management of Innovation and Technological Development is the organ responsible for providing the infrastructures with technologies of the information to the distinct applications of the Government of the Balearic Islands.

The co-financed practice consists in the supply and installation of a prefabricated and self-supporting Safe Room so it can be moved somewhere else without losing its functionality and protection properties. This would allow the allocation of the teams of the Data Center as well as the modernization of the basic infrastructures necessary to obtain a Data Center with the maximum protection against all types of risks. It also counts on optimized energetic consumption and a complete and integrated monitoring of the essential parameters of the aforementioned infrastructures in a way the appropriate quality and security levels are guaranteed.

A Data Center is a building or large room to maintain a big amount of computer and electronic equipment. They are usually created and maintained by big organizations aiming to have access to the information necessary for their operations.

The Safe Room has been made up of prefabricated components resistant to fire, vandalism, electromagnetic emissions, water, corrosive gasses, etc. This space has also been installed considering the strategic and functional environment of the building.

The civil work consists in adapting the spaces for the installation of the Data Center incorporating a system of fire extinguishing, refrigeration, wiring, general lighting, and emergencies.

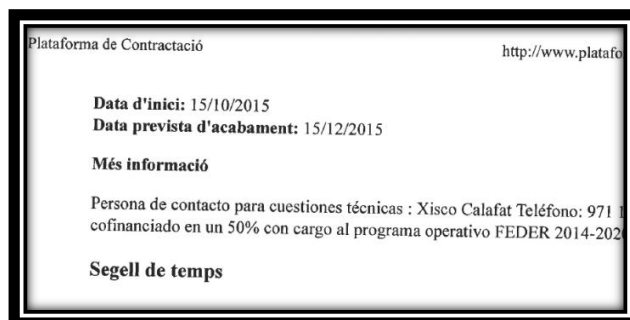
This practice costs €865,150, the 50% of which (€432,755) is co-financed by the European Regional Development Fund. The installation of the Safe Room in the Data Center will allow a total of 32,820 public users of the electronic Administration to benefit from this service.

The following are the arguments that make this action a Good Practice, in accordance with the criteria defined for this purpose.

Criterion 1. High diffusion among the beneficiaries and the general public.

This action has been widely disseminated through the different information and advertising measures developed.

First, the publication of the tender for the work in the Platform for Contracting of the Autonomous Community of the Balearic Islands has referred to the co-financing of the contract by the EU through the ERDF.



The co-financing by the ERDF is also announced, both in the announcement of the Official State Gazette and in the Official Gazette of the European Union.

Image of the publication in the Official State Gazette and in the Procurement Platform of the tender announcement

BOLETIN OFICIAL DEL ESTADO

Martes 18 de julio de 2017

V. Anuncios

A. Contratación del Sector Público

COMUNIDAD AUTÓNOMA DE LAS ILLES BALEARS

44454 Anuncio de la Consejería de Innovación, Investigación y Turismo por el que se hace pública la rectificación del error de los anuncios de contrato de suministro de instalación de una caja cofre basada en la normativa EN 107-2 para el CPD corporativo de Sant Pere.

Advertido error por omisión en el anuncio de licitación del BOE núm. 151, de 25 de junio de 2015, y en el de formalización del BOE núm. 282, de 25 de noviembre de 2015, del contrato de referencia, se procede a añadir la información siguiente:

"Este contrato está cofinanciado en un 50 % con cargo al programa operativo FEDER 2014-2020 de las Illes Balears".

CPV:44421721

Cajas fuertes

En lugar de:

II.1.1) Denominación del contrato

Suministro de instalación de una caja cofre basada en la normativa EN 107-2 para el CPD corporativo de Sant Pere.

Léase:

II.1.1) Denominación del contrato

Suministro de instalación de una caja cofre basada en la normativa EN 107-2 para el CPD corporativo de Sant Pere.

Este contrato está cofinanciado en un 50 % con cargo al programa operativo Feder 2014-2020 de las Illes Balears.

The documentation relating to the contracting file includes the European Union logo and the reference to the European Regional Development Fund—as well as the mention of co-financing under the 2014-2020 ERDF Operational Program of the Balearic Islands—in the sheets of administrative clauses, the Report justifying the need for the contract, Reception Acts, among other documents.

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B.2 Lotes

Año	Lotes	Total (IVA incluido)	Partida presupuestaria
2.....	Lote 1		
2.	Lote 2		
2.	...		
2.			

B.3 Financiación conjunta

El programa será financiado en un 50 % en el programa operativo FEDER 2014-2020 de las Islas Baleares

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Es calcula que el present contracte suposarà una despesa màxima de 825.000 €, més un IVA de 173.250 €, totalitzant 998.250 €, amb càrrec a la partida 33101/1261.01/63600/11/31110.

Aquest contracte està cofinançat en un 50% amb càrrec al Programa Operatiu Fons Europeu de Desenvolupament Regional (FEDER) 2014-2020 de les Illes Balears dins l'Objectiu Temàtic 2 "Millorar l'ús i la qualitat de les TIC i l'accés a les mateixes", prioritat 3 "Alfabetització digital, e-govern, e-aprenentatge, e-inclusió, e-cultura, e-salut" dins l'apartat " Incrementar l'eficiència en la prestació del serveis públics" degut a que l'objecte del mateix és promoure els projectes tecnològics de modernització i consolidació d'infraestructures, equipament, aplicacions i serveis TIC a les Administracions Públiques que permeten augmentar la seva eficiència i garantir els nivells apropiats de qualitat i seguretat.

Per tot l'esmentat anteriorment, sol·licitam, si ho estimam oportú, que ordeneu l'inici de l'expedient corresponent a l'ampliació dels equips relacionats.

Govern de les Illes Balears
Vicepresidència i Conselleria d'Innovació, Recerca i Turisme

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EXPEDIENT DE CONTRACTACIÓ NÚM.: CONTR 2015 2830

TIPUS DE CONTRACTE: Subministrament

OBJECTE: Subministrament i instal·lació d'una caixa cofre basada en la normativa EN 107-2 per al CPD corporatiu de Sant Pere

ÒRGAN DE CONTRACTACIÓ: Conselleria d'Innovació, Recerca i Turisme

Import total del contracte: 865.150,00 Euros

ACTA DE RECEPCIÓ TOTAL

Image of the documents of the public procurement file

Once the action has been completed, an information plaque identifying the action developed, as established in the Application Regulation, has been placed at the entrance of the passenger compartment where the Data Processing Center is located, as it is an investment with a public contribution higher than €500,000.



Information plate of the Corporate Data Processing Center

This visibility has been reinforced by the information contained on the website of the General Directorate of Technological Development on the different projects it promotes within the framework of the 2014-2020 Balearic FEDER PO, among which is this project:

http://www.caib.es/sites/actuacionsdesenvolupament/ca/actuacions_cofinanciades-86474/

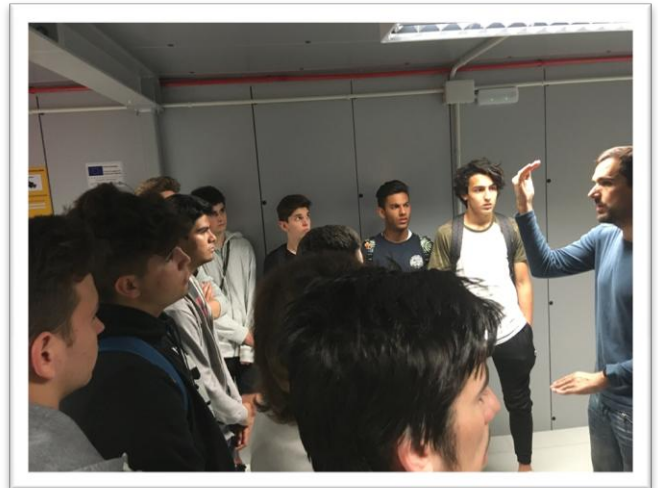


Information on the DGTIC website about the Corporate Data Processing Center

In addition and in order to disseminate the action to groups interested in knowing the infrastructure, during the month of April 2018 have been organized visits aimed at groups of students of the Middle Level Training Course of the specialty of Electrical Installations

where a technician of the General Directorate of Information Technology has made a presentation of the performance.

Special classes of technologies are also carried out at the request of the educational centers, as well as guided visits to the professional training centers of the Balearic Islands in their technology specialties.



Visit of students to the DGTIC facilities

Another means of dissemination is the mapping system for co-financed projects of GD European Funds, located on its website (http://www.caib.es/sites/fonseuropeus/ca/portada_2016/?campa=yes). This online application, which is accessible to anyone, allows you to visualize, not only the geographical location of the investment, but also provides systematized data on the name, scope of intervention, co-financing fund, EU aid, total eligible cost and even images of the investment made.

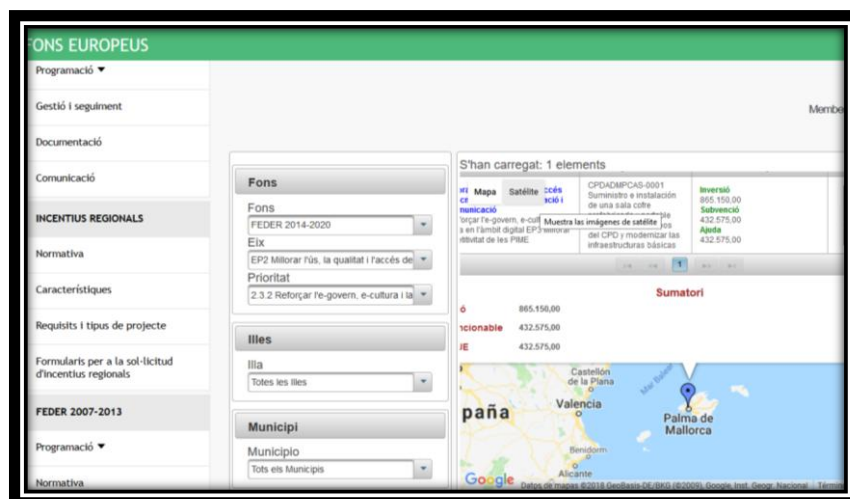


Image of the location system for co-financed projects of the Balearic Islands

Finally, the second issue of the Bulletin of European Funds in the Balearic Islands has also included information on the project and the ERDF contribution in its execution, paying special attention to the results achieved thanks to this investment.



Bulletin of European Funds in the Balearic Islands (No. 2, April 2018)

All these actions have allowed all the target groups of the investment to have first-hand information about the development and results of the project.

Criterion 2. Incorporation of innovative elements.

The design of the CP is based on a modular concept, so that its growth beyond the indicated limits is possible by adding new modules that make the most of existing infrastructures.

A PUE (Power Usage Effectiveness) monitoring system has been set up to measure the energy efficiency of data centers. It should also be noted as an innovative element that the electrical and cooling installation is duplicated and free of single points of failure.

On the other hand, a DCIM (Digital Camera IMages) has also been incorporated, with the aim of being able to remotely monitor all the infrastructure elements of the installation, and to be able to act preventively against the incidents presented, considerably reducing the time of lack of service of the installation.



Image of the Facilities of the Data Processing Center

Criterion 3. Adaptation of the results obtained to the established objectives.

Before making this investment and to cover the technological needs of the regional Administration, two Data Processing Centers (DPC) were maintained. This investment has allowed its unification.

The proper functioning of the CPD is of great importance to be able to provide all corporate services without degradation in performance or functionality, but the age of the same (about 25 years,) before making this investment caused circumstances to occur that harm the operations and significantly increase the risk of incidents.

The expected results of the action are related to the provisions of the European Digital Agenda and will allow obtaining a better quality public service.

Criterion 4. Contribution to the resolution of a regional problem or weakness.

Although at the national level the use of ICT exceeds the national average in the Balearic Islands, the use of ICT for interacting with the Public Administrations is lower than the average. This action will allow us to confront this weakness and strengthen the possibilities of communication between citizens and the Administration, as well as solving the problems arising from insularity through the use of telematic channels for access to public services.



Image of the Facilities of the Data Processing Center

Therefore, any service provided by the Balearic Government to citizens, companies or their own workers is based on the information systems that reside in their CPDs. In this way, this investment has made it possible to provide the Regional Administration with the necessary infrastructure that houses the equipment that processes, stores and distributes all the information processed by the information systems of the different departments, agencies and public companies of the CAIB.

Criterion 5. High degree of coverage of the target population.

The number of internal users who have access to or are covered by the Electronic Administration applications or services is 32,820.

Specifically, a total of 4,789 employees of the Government of the Balearic Islands, 14,423 employees of the SERVEI IB SALUT, 144 of the Tax Agency (ATIB), and 14,423 of the Educational Administration, among others, are favored directly from this project.

Likewise, it also benefits the whole population of the Islands, since when a citizen receives, for example, medical care in a hospital or in his health center, this information system, the digital medical image, or the application with your medical record is stored in this co-financed facility.

However, not only the health system, but also the educational community, the tax system of the Treasury, and any service or activity carried out by the Balearic Government is born from an information system that is in this CPD that protects the installed safe. There are, therefore, all the data generated by any citizen, company or entity in its relationship with the regional Administration.

Criterion 6. Consideration of the horizontal criteria of equal opportunities and environmental sustainability.

The installed equipment incorporates an air conditioning system of high energy efficiency, a fire protection system and the doors and panels that form the perimeter of the room are designed to be fireproof and intrusive. On the other hand, the technology of EC fans allows adapting the installation to the just need and save energy.

In addition, the infrastructures have been designed to support the future growth of the CPD during the next 10 years.

From the point of view of equal opportunities between women and men, due to the characteristics of the Project, there are no direct repercussions in this area.



Image of the Facilities of the Data Processing Center

Criterion 7. Synergies with other policies or instruments of public intervention.

This action is in line with the Strategic Plan for the Implementation of Electronic Administration in the Balearic Islands to make the Balearic Islands a technologically advanced community through the development of technological solutions that make life easier, more comfortable and more secure in important areas such as education, health, leisure, or administrative procedures, as well as the ANIBAL Plan (Action Plan for the implementation of Electronic Administration to the Balearic Islands in accordance with Law 11/2007) .

In addition, this action contributes to the objectives of the European Digital Agenda.

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