

**SESTAOBERRI 2010, SA**

**PUBLIC PROCUREMENT - OPEN PROCEDURE, DIVIDED INTO TWO LOTS FOR THE SUPPLY OF INNOVATIVE SOLUTIONS FOR THE OPAQUE ENVELOPE AND WINDOWS TO REDUCE ENERGY LOSSES IN WINTER AND SOLAR GAINS IN SUMMER FOR THE RESIDENTIAL BUILDING IN THE MUNICIPALITY OF SESTAO (TXABARRI 33 AND 35 STREET)**

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**MINUTE OF THE ASSESSMENT OF THE TECHNICAL BIDS**

The 15<sup>th</sup> of June 2015 at 9.30 a.m in Sestao, at Txabarri Street, 16, head quarter of SESTAO BERRI 2010, SA the Joint Cross-Border Evaluation Team (hereafter the *Commission*) was held for the procurement of the supply above described.

**Commission Member n. 1**

- Olga Macias Juez, Senior Researcher of the Tecnalia Research and Innovation Company, based in Bilbao, (Spain), the Coordinator for *Papyrus* project, acting as the President;

**Commission Member n. 2**

- Flemming Idsoe, Technical coordinator of the Municipal Undertaking for Social Service Building in Oslo (Norway), partner, acting as member;

**Commission Member n. 3**

- Ana Garbisu Buesa, Technical expert of the Sestao Berri 2010 S.A., in Sestao (Spain), partner, acting as member;

**Commission Member n. 4**

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- Jodien Bauer, Architect of Landratsamt Enzkreis (Germany), partner, acting as member;

**Commission Member n. 5**

- Arch. Paola Leto, employed at Agenzia Territoriale per la Casa del Piemonte Centrale di Torino (Italy), partner, acting as member.

Is also part of the Commission, without the right to vote, Ms. Ana González Parcha, employee of SESTAO BERRI 2010, SA, acting on behalf of the entity as legal expert. The latter also fulfils the functions of drafting the minute.

**Whereas:**

- On the 8<sup>th</sup> of May 2015 six bids were submitted for Lots 1 and 2 and on the 11<sup>th</sup> of May 2015 the first public session for above described tender supply was held about the opening of the separate and independent envelope A. The Tenders who submitted bids were the next:

- VIPEQ HISPANIA
- PERFIL THERMIK, SA
- TABIQUES Y TECHOS REVESTIMIENTOS, SL
- AISLAMIENTOS KODAXTER
- CONSTRUCCIONES BIO ETXE, SL
- CARPINTERÍA METÁLICA GIROA, SL

- The Tendering Committee required all the tenders for complete their bids within three days with the exception of AISLAMIENTOS KODAXTER who submitted its bid with all the documents required in the Tender Specifications.

- On the date fixed to complete the bids, VIPEQ HISPANIA, PERFIL THERMIK, SA and CARPINTERÍA METÁLICA GUIROA, SL sent the documents required, but TABIQUES Y TECHOS REVESTIMIENTOS, SL and CONSTRUCCIONES BIO ETXE, SL did not send any document to complete their offers. In that sense, on 26<sup>th</sup> of May 2015 the Tendering Comitee decided to exclude the TABIQUES Y TECHOS REVESTIMIENTOS, SL and CONSTRUCCIONES BIO ETXE, SL offers.

- Nowadays there are 2 bids for Lot 1 (VIPEQ HISPANIA and AISLAMIENTOS KODAXTER) and 2 bids for Lot 2 (PERFIL THERMIK, SA and CARPINTERÍA METÁLICA GUIROA, SL).

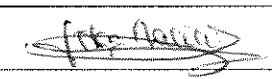
- The public opening of the separate and independent envelope B was on 21<sup>st</sup> of May 2015.

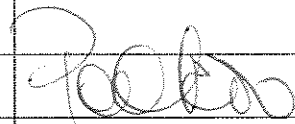
- The project *Papirus* rules that the technical bids are evaluated by an international Commission, the Joint Cross Border Evaluation Team (JCBET) composed as provided for in section 25 of the tender specification;

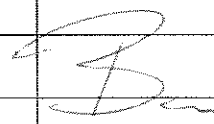
**Therefore:**

The JCBET begins to read the submitted technical offers of the bidders at 9:30 a.m. of the 15<sup>th</sup> of June 2015. It is checked the conformity, for each subcriteria, between the documentation required by the tender specification and the documentation submitted by each bidder.

The Commission states that:











**LOT 1**

**SUBCRITERIA A.2 – Thermal bridges – Weight 15**

According to point 21. A.2 of tender specification, the proposed solution has to deal with following thermal bridges at least: (*“slab edges, columns in façade, junctions with windows, joint between roof and vertical walls, particular joints in case of modular facades and possible mechanical fasteners penetrating and insulation layer”*).

The bidders had also to attach documentation regarding present criteria:

**1. Specific section in the technical document including:**

- a. *Detailed description of the solution*
- b. *Detailed drawing of section of each critical node of the building and special joints (scale 1:20)*
- c. *Detailed drawing of section (scale 1:20) of joints between standard window and insulation giving indication of profiles and special elements if required*
- d. *Calculation of linear thermal transmittance coefficient (optional).*

The evaluation of each bid regarding thermal bridges will be performing according the following rating:

*“- Very good (maximum score): Best linearity of the solution, complete continuity of the insulation layer is reached and good treatment of special joints. Justification includes simulation models for the calculation of the linear thermal transmittance coefficient ( $\psi$ ) according to the standard EN ISO 10211 “Thermal bridges in building construction. Heat flows and surface temperatures. General calculation methods” (Therm modelling or similar)*

*Good (2/3 of score): Medium linearity of the solution and medium treatment of special joints. Justification includes values of  $\psi$  from abacus (similar to EN ISO 14683 Thermal bridges in building construction. Linear thermal transmittance. Simplified methods and default values.*

*Sufficient (1/3 of score): Standard complexity of the solution and basic treatment of special joints. Justification includes values of linear transmittance ( $\psi$ ) from abacus or commonly admitted percentage of reduction of thermal bridges.*

*Insufficient (0 points): Standard complexity of the solution and basic treatment of special joints. No values of linear transmittance ( $\psi$ ) or percentage of reduction are included”*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**VIPEQ HISPANIA:** All the member of the JCBET states that VIPEQ HISPANIA does not include the linear value and its offer gives some details but these details are not sufficient. All the members value this offer as insufficient.

**AI SLAMIENTOS KODAXTER:** KODAXTER justifies the requirements asked in the tender about fire resistance and sound proofing. They present the linear value. In fact they present all the documentation required but its proposal is not the better solution. All the members value this offer as good.

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COMPANY	member 1	member 2	member 3	member 4	member 5	Final score (media)
VIPEQ HISPANIA	0	0	0	0	0	0
AISLAMIENTOS KODAXTER	10	10	10	10	10	10

COMPANY	SCORE
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VIPEQ HISPANIA	0
AISLAMIENTOS KODAXTER	10

**SUBCRITERIA C.2 – Installation process and method – Weight 10**

According to point 21. C.2, of the tender specification: *“The aspects to be evaluated for the installation include:*

- *Easiness of installation process*
- *Proposed timing*
- *Requirements of special skilled labor*
- *Requirement of special auxiliary tools and machinery*
- *Possible disturbances to the main building constructor*
- *Need of special weather conditions that could affect to the programmed schedules of installation or the final quality of the product.*
- *Proposed action plan in order to minimize disturbanceto the main construction of the rest of the building and the rest of workers.*

The evaluation of each bid regarding installation process will be performed according to following rating:

- *“Very good (maximum score): When the installation process meets high standards regarding above mentioned general aspects to be evaluated*

and the description is well proved and justified (the description includes the indication of number of junctions needed, indication of installation method including tools required, type of capability of the main contractor, capability to integrate other solutions for windows replacement, number of passages needed, time to install the solution, requirement for crains or scaffolding, amount of debris).

- *Good (1/2 of score): When the installation process meets medium standards regarding above mentioned general aspects to be evaluated and the description is well proved and justified as explained before.*

- *Sufficient (0 points): When the installation process meets basic standards regarding above mentioned aspects to be evaluated and the description of the process of installation is general.*

- *Not sufficient (excluded): When any of the above mentioned aspects to be evaluated is considered not acceptable and/or when the description of the installation process is not complete”.*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**VIPEQ HISPANIA:** All the members of the JCBET state that there is a little explanation regarding to how to use the product. It is a general explanation about how install the product, but they don't show the proposed time or nothing about specially tools or something similar. The VIPEQ solution is referred to a part of the wall and it is necessary another contractor to the total solution of the façade. The installation process is not innovative. It is a very common process. All the members value this offer as sufficient.

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**AISLAMIENTOS KODAXTER:** All the members state that the AISLAMIENTOS KODAXTER solution has high standards and it is an innovative installation model. They present all the documentation with a lot of details and they have an integrated solution for all the wall. The installation with AISLAMIENTOS KODAXTER is easy and quick. All the members value this offer as very good.

COMPANY	member 1	member 2	member 3	member 4	member 5	Final score (media)
VIPEQ HISPANIA	0	0	0	0	0	0
AISLAMIENTOS KODAXTER	10	10	10	10	10	10

COMPANY	SCORE
VIPEQ HISPANIA	0
AISLAMIENTOS KODAXTER	10

**SUBCRITERIA C.3 – Maintenance requirements – Weight 10**

According to point 21, C3 of the tender specification: *“The documentation required to bidders regarding present criteria includes:*

- 1) *Specific section in the technical document including:*
  - a. *Detailed description of the maintenance requirements including timing, justification of works needed to be carried out by any type of workmanship, products and machinery required, price, etc.*
  - b. *Maintenance plan or manual”*



The evaluation of each bid regarding maintenance requirements will be performed according to following rating:

- *“Very good (maximum score): When it is not required maintenance until at least ten years from the installation, and its cost is considered acceptable, then the maintenance requirements meet high standards regarding above mentioned aspects to be evaluated. It is included the maintenance plan.*

- *Good (1/2 of score): When the maintenance requirements meet medium standards regarding above mentioned aspects to be evaluated. It is included the maintenance plan.*

- *Sufficient (0 points): When the maintenance requirements meet basic standards regarding above mentioned aspects or no maintenance plan is provided.*

- *Not sufficient (excluded): When any of the above mentioned aspects to be evaluated is considered not acceptable and no maintenance plan is provided”.*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**VIPEQ HISPANIA:** This offer does not provide the required documentation about the installation process and method. In fact, there is not any documentation about this point in its offer. Therefore, regarding the rules described above, the offer must be consider not acceptable and not complete in this point and shall be excluded of the tender.

**AI SLAMIENTOS KODAXTER:** All the members states that this offer show the maintenance requirements and comply with all the requirements

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fixed in the tender. Its product is very easy to repair and for Sestao its solution is really innovative. All the members value this offer as very good.

COMPANY	SCORE
AISLAMIENTOS KODAXTER	10

## LOT 2

### SUBCRITERIA A.3 – Solar gains – Weight 15

According to point 21, A3, of the tender specification, bidders had to attach the following documentation:

*“Specific Section in the technical document including:*

- a. Detailed description of the properties of the window*
- b. Detailed drawing of Section 1:20*
- c. Calculations of demands reduction (optional)*
- d. Laboratory test reports to justify windows thermal parameters”.*

The evaluation of each bid regarding solar gains will be performed according to following rating:

*“Very good (maximum score): When proposed system has the capacity of maximizing solar gains in winter and also minimizing in summer in such a way that heating and cooling demands are reduced by more than 20% respect to standard windows. The justification of the reductions is well proved by means of energy simulation model performed by any recognized software (Energy Plus or similar).*

*Good (2/3 of score): When solar gains are maximized in winter and minimized in summer in such a way that heating and cooling demands are reduced by more than 10%. The justification of the reductions is proved by means of dynamic calculus.*

*Sufficient (1/3 of score): When solar gains are maximized in winter or minimized in summer in such a way that heating or cooling demands are reduced by more than 10%. The justification of the reduction is proved by means of static calculus.*

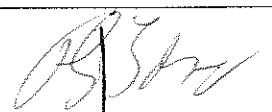
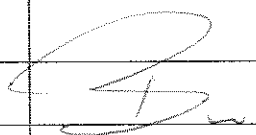
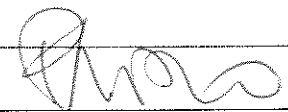
*Insufficient (0 points): When solar gains are maximized in winter or minimized in summer but no calculus are provided”.*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**PERFIL THERMIK, SA:** All the members of the JCBET state that there is no documentation about this point in the offer. This offer present basic calculus about energy savings but they are not calculus for solar gains. All the members value this offer as insufficient.

**CARPINTERIA METÁLICA GUIROA,SL:** All the members of the JCBET state that there is no documentation about this point in the offer. This offer present basic calculus about energy savings but they are not calculus for solar gains and they are for another solution different to the solution proposed. All the members value this offer as insufficient.

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COMPANY	member 1	member 2	member 3	member 4	member 5	Final score (media)
PERFIL THERMIK, SA	0	0	0	0	0	0
CARPINTERIA METÁLICA GUIROA, SL	0	0	0	0	0	0

**COMPANY SCORE**

PERFIL THERMIK, SA	0
CARPINTERÍA METÁLICA GUIROA, SL	0

**SUBCRITERIA C.4 – Darkening system – Weight 10**

According to point 21, C4, of the tender specification, bidders had to attach the following documentation:

- *Detailed description of the solution*
- *Detailed drawing of section 1:20*

Aspects to be evaluated include:

- *Integration with the window*
- *Darkening of the room in which it is located*
- *Easiness installation on the façade or in the window*
- *Minimize the possible thermal bridges*
- *Maintenance periods*
- *Cleaning requirements*
- *Easiness of maintenance works*
- *Durability (lifetime) of the materials*

The evaluation of each bid will be performed according the following rating:

*“Very good (maximum score): When proposed system has the capacity of darkening completely the room in which is located, has an easy simple handling and the interrogation with the façade or with the window avoids thermal bridges. It is included maintenance plan.*

*Good (1/2 of score): When the proposed system meet medium standards regarding above mentioned aspects to be evaluated is considered not acceptable”.*

*Sufficient (excluded): When any of the above mentioned aspects to be evaluated is considered not acceptable”*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**PERFIL THERMIK, SA:** All the members of JCBET state that this offer show a detailed drawing of section but it is not a detailed description of the solution. However, everybody knows this system and the members can assume the solution with the detailed title provided. It is a medium standard. It is not specially innovative and all the members value this offer as good.

**CARPINTERIA METÁLICA GUIROA,SL:** This offer does not provide the required documentation about darkening system. In fact, there is not any documentation about this point in its offer. Therefore, regarding the rules described above, the offer must be consider not acceptable and not complete in this point and shall be excluded of the tender.

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**COMPANY**

**SCORE**

PERFIL THERMIK, SA

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**SUBCRITERIA C.2 – Installation process and method – Weight 5**

According to point 21. C.2, of the tender specification: *“The aspects to be evaluated for the installation include:*

- *Easiness of installation process*
- *Proposed timing*
- *Requirements of special skilled labor*
- *Requirement of special auxiliary tools and machinery*
- *Possible disturbances to the main building constructor*
- *Need of special weather conditions that could affect to the programmed schedules of installation or the final quality of the product.*
- *Proposed action plan in order to minimize disturbance to the main construction of the rest of the building and the rest of workers.*

The evaluation of each bid regarding installation process will be performed according to following rating:

- *“Very good (maximum score): When the installation process meets high standards regarding above mentioned general aspects to be evaluated and the description is well proved and justified (the description includes the indication of number of junctions needed, indication of installation method including tools required, type of capability of the main contractor, capability to integrate other solutions for windows replacement, number of passages needed, time to install the solution, requirement for crains or scaffolding, amount of debris).*

- *Good (1/2 of score): When the installation process meets medium standards regarding above mentioned general aspects to be evaluated and the description is well proved and justified as explained before.*

- *Sufficient (0 points): When the installation process meets basic standards regarding above mentioned aspects to be evaluated and the description of the process of installation is general.*

- *Not sufficient (excluded): When any of the above mentioned aspects to be evaluated is considered not acceptable and/or when the description of the installation process is not complete”.*

The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**CARPINTERÍA METÁLICA GUIROA, SL:** This offer does not provide the required documentation about the installation process and method. In fact, there is not any documentation about this point in its offer. Therefore, regarding the rules described above, the offer must be consider not acceptable and not complete in this point and shall be excluded of the tender.

**PERFIL THERMIK, SA:** All the members of JCBET state that it is a very complete and good description and also a very easy installation process. They have given a very good and detailed documentation in this point. All the members value the offer as very good.

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COMPANY	SCORE
PERFIL THERMIK, SA	5

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**SUBCRITERIA C.3 – Maintenance requirements – Weight 5**

According to point 21, C3 of the tender specification: *“The documentation required to bidders regarding present criteria includes:*

*2) Specific section in the technical document including:*

*a. Detailed description of the maintenance requirements including timing, justification of works needed to be carried out by any type of workmanship, products and machinery required, price, etc.*

*b. Maintenance plan or manual”*

The evaluation of each bid regarding maintenance requirements will be performed according to following rating:

- *“Very good (maximum score): When it is not required maintenance until at least ten years from the installation, and its cost is considered acceptable, then the maintenance requirements meet high standards regarding above mentioned aspects to be evaluated. It is included the maintenance plan.*

- *Good (1/2 of score): When the maintenance requirements meet medium standards regarding above mentioned aspects to be evaluated. It is included the maintenance plan.*

- *Sufficient (0 points): When the maintenance requirements meet basic standards regarding above mentioned aspects or no maintenance plan is provided.*

- *Not sufficient (excluded): When any of the above mentioned aspects to be evaluated is considered not acceptable and no maintenance plan is provided”.*



The JCBET, with regard to the documentation submitted by each bidder, asserts the following:

**CARPINTERÍA METÁLICA GUIROA, SL:** This offer does not provide the required documentation about the installation process and method. In fact, there is not any documentation about this point in its offer. Therefore, regarding the rules described above, the offer must be consider not acceptable and not complete in this point and shall be excluded of the tender.

**PERFIL THERMIK, SA:** All the members of the JCBET state that PERFIL THERMIK has guarantee certificates for 12 years and 10 years. Also it is very easy and cheap the maintenance and the window can be repaired very easy. All the members value this offer as very good.

COMPANY	SCORE
PERFIL THERMIK, SA	5

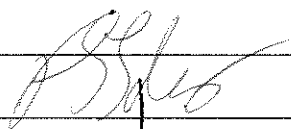
The JCBET ends the evaluation work at 12:30 a.m.. All the technical offers are locked in a closet by the secretary of the JCBET.

Read, confirmed and signed by

Commission Member 1



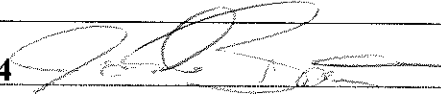
Commission Member 2



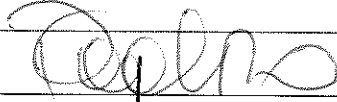
Commission Member 3



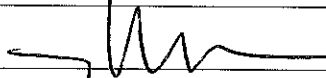
**Commission Member 4**



**Commission Member 5**



**Technical expert**



**Legal expert and secretary**

