



Annex J – Useful information

***“Cod. 63_18 – OPEN PROCEDURE FOR THE
SUPPLY, TEST AND INSTALLATION OF A
BIOLOGICAL REACTOR FOR CO₂
METHANATION”***

CIG: 75581552D1

CUP: G73D16000410006



This document reports some useful information and the translation of some parts of the CSA (special tendering specifications) as to better understand the tender documentation.

Please note that the present document does not represent a complete translation of the CSA (special tendering specifications). IT IS RECOMMENDED TO READ THE ITALIAN VERSION OF SPECIAL TENDERING SPECIFICATIONS (CAPITOLATO SPECIALE D'APPALTO- CSA).

IMPORTANT

In case of any dispute in the interpretation of the documents, the Italian version will prevail
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- **From pag 8 of CSA-ART. 3 - EVALUATION CRITERIA. CONTRACT AWARD PROCEDURE**

The tender will be awarded according to the to “the most economically advantageous offer criterion” (Article 95 of Legislative Decree No. 50/2016 and subsequent amendments). Temporarily grouped companies may also participate in the tender.

This tender will be awarded to the legal entity that will have achieved the highest overall score, resulting from the sum of the score attributed to the technical offer and the economic offer.

The score will be attributed considering the following criteria:

Technical offer: For the technical offer up to a maximum score of 85 can be attributed, such a score is divided as follows (it is worth to note that if the minimum requirements of the technical datasheet – Annex C - Technical data sheet of requested product – are not fulfilled the proposal will be excluded):

Table A– Technical evaluation

N	CRITERION	Evaluation / Coefficient		Maximum score
1	Quality and clarity of the description of the proposed system	Maximum level	$0.81 > \text{coeff} \geq 1$	15
		More than adequate	$0.61 > \text{coeff} \geq 0.8$	
		Partially adequate	$0.31 > \text{coeff} \geq 0.6$	
		Partially inadequate	$0.01 > \text{coeff} \geq 0.3$	
		Totally inadequate	0	
2	Accuracy and clarity of the realization plan for the requested supply realization	Maximum level	$0.81 > \text{coeff} \geq 1$	2
		More than adequate	$0.61 > \text{coeff} \geq 0.8$	
		Partially adequate	$0.31 > \text{coeff} \geq 0.6$	
		Partially inadequate	$0.01 > \text{coeff} \geq 0.3$	
		Totally inadequate	0	



3	Qualitative characteristics of the proposed sensors	In addition to the required characteristics in the data sheet, a score will be assigned associated with the quality of the proposed sensors. For each of the 10 sensors (Temperature, dissolved O ₂ , dissolved CO ₂ , pH, mass, pressure, flow rate of the gases entering the reactor, output gas mixture flow rate, level) a maximum score of 3 points will be assigned based on the following characteristics: <ul style="list-style-type: none"> • Measurement range • Accuracy (in the measurement range specified in the data sheet) • Response time The scores are assigned on the basis of the breakdown identified by the following grid:		30
		Maximum level	$0.81 > \text{coeff} \geq 1$	
		More than adequate	$0.61 > \text{coeff} \geq 0.8$	
		Partially adequate	$0.31 > \text{coeff} \geq 0.6$	
		Partially inadequate	$0.01 > \text{coeff} \geq 0.3$	
		Totally inadequate	0	
4	Additional trimesters of the guaranteed functionality of the proposed system to respect to the 4 mandatory trimesters (corresponding to 12 months). Only whole numbers of trimesters are allowed	Maximum score of 10 will be attributed to the proposal with longer time of guaranteed functionality of the system. Other scores will be determined according with the following formula: $\frac{\text{incremental time of the proposal}}{\text{maximum incremental time}} * 10$		10
5	PLC screen size.	Maximum score of 5 will be attributed to the proposal with greater size of PLC screen. Other scores will be determined according with the following formula: $\frac{\text{screen size of the proposal}}{\text{maximum size}} * 5$		5
6	PLC storage system capacity in GB.	Maximum score of 5 will be attributed to the proposal with maximum PLC storage size. Other scores will be determined according with the following formula: $\frac{\text{storage size of the proposal}}{\text{maximum size}} * 5$		5
7	PLC supervision and control software.	Maximum level	$0.81 > \text{coeff} \geq 1$	5
		More than adequate	$0.61 > \text{coeff} \geq 0.8$	
		Partially adequate	$0.31 > \text{coeff} \geq 0.6$	
		Partially inadequate	$0.01 > \text{coeff} \geq 0.3$	
		Totally inadequate	0	



8	PLC expansions.	Maximum score of 1 will be attributed to the proposal with maximum number of communication and signal expansion modules. Other scores will be determined according with the following formula: $\frac{\text{number of modules of the proposal}}{\text{maximum number of modules}}$	1	
9	PLC working memory	Maximum score of 1 will be attributed to the proposal with maximum size of working memory. Other scores will be determined according with the following formula: $\frac{\text{working memory of the proposal}}{\text{maximum working memory}}$	1	
10	PLC connected sensors	Maximum score of 1 will be attributed to the proposal with maximum number of sensors connectable with the PLC. Other scores will be determined according with the following formula: $\frac{\text{number of sensors of the proposal}}{\text{maximum number of sensors}}$	1	
11	PLC acquisition speed	Maximum score of 1 will be attributed to the proposal with maximum acquisition speed of the PLC. Other scores will be determined according with the following formula: $\frac{\text{acquisition speed of the proposal}}{\text{maximum acquisition speed}}$	1	
12	Dedicated software for continuous recording and processing of PLC	Maximum level	$0.81 > \text{coeff} \geq 1$	1
		More than adequate	$0.61 > \text{coeff} \geq 0.8$	
		Partially adequate	$0.31 > \text{coeff} \geq 0.6$	
		Partially inadequate	$0.01 > \text{coeff} \geq 0.3$	
		Totally inadequate	0	
13	Execution time expressed in days (no longer than 300 days)	Maximum score of 8 will be attributed to the proposal with the minimum execution time. Other scores will be determined according with the following formula. $\frac{\text{minimum proposed execution time}}{\text{execution time of the proposal}} * 8 * \text{coeff assigned to criterion 2}$	8	
Maximum Total			85	

Regarding criteria 1, 2, 7 and 12, the tender commission will proceed to express a summary judgment, corresponding to one of the five pre-determined judgments (Maximum level, More than adequate, Partially inadequate, Partially adequate, Totally inadequate) reported below in the “Evaluation grid”.

Each of these judgments corresponds to a range of coefficients to be used for the definitive attribution of the scores, in accordance with the following mathematical formula:

$$P_c = \text{Coeff} \times P_{\text{max_crit}}$$

Where:

P_c = the score attributed to the criterion under examination



Coeff = coefficient corresponding with the pre-determined judgment

Pmax_crit = maximum score obtainable for the criterion under examination

Table B: EVALUATION GRID

EVALUATION GRID	
EVALUATION LEVEL	COEFFICIENTS
Maximum level: The proposal presents a mix of elements, requirements and conditions that guarantee quality standards for what concerns objectives and expected results defined in the tender documents.	$0.81 > \text{coeff} \geq 1$
More than adequate: The proposal presents elements, specifications and conditions that guarantee the achievement of a more than adequate level for what concerns objectives and expected results defined in the tender documents.	$0.61 > \text{coeff} \geq 0.8$
Partially adequate: The proposal presents elements, specifications and conditions that appear partially adequate to guarantee the pursuit of objectives and expected results defined with the tender documents.	$0.31 > \text{coeff} \geq 0.6$
Partially inadequate: The proposal presents elements, specifications and conditions that appear partially inadequate to guarantee objectives and expected results defined with the tender documents.	$0.01 > \text{coeff} \geq 0.3$
Totally inadequate: The proposal appears to be totally inadequate to guarantee objectives and expected results defined with the tender documents.	0

It is specified that the assignment of the scores according to the criteria 3, 4, 5, and 6 of the table above will take place in the public session.

Economic offer- For the Economic offer up to a maximum score of **15** can be attributed.

The attribution from **0 to 15 points** will be calculated according to the following mathematical formula (bilinear):

$$C_i \text{ (for } A_i \leq A_{\text{threshold}}) = X * A_i / A_{\text{threshold}}$$

$$C_i \text{ (per } A_i > A_{\text{threshold}}) = X + (1,00 - X) * [(A_i - A_{\text{threshold}}) / (A_{\text{max}} - A_{\text{threshold}})]$$

Where

C_i = Coefficient, variable from 0 to 1, attributed to the bid offer of the i-th competitor

A_i = value of the offer (reduction) of the i-th competitor



A_{soglia} = **arithmetic average** of values of offers (reduction on the price) of competitors

X = **0,90**

A_{max} = **Value of the most convenient offer (reduction)**

The product will be multiplied by the score attributed to the economic offer (15 points).

-From pag 12 of CSA-ART. 4 CONTRACTING ADMINISTRATION, COMMUNICATION AND DOCUMENTATION

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Complementary information on the specifications and on all tender documents may be requested up to the **mandatory deadline of 12 (twelve) days before the deadline established for the receipt of tenders.**

Any questions placed beyond this limit will not be taken into consideration. Provided that they have been requested in good time, the additional information on the tender procedure shall be communicated, at least 6 (10) days before the deadline established for the receipt of tenders. Starting from the date of publication of the call for tenders, any clarifications regarding the tender procedure will be published by Sardegna Ricerche on its website <http://www.sardegna ricerche.it>, section Gare e Appalti, cod. 37_18.

Considering the complexity of the good that is going to be acquired as well as the international distribution of economic operators specialized in the type of plants that are requested in the present tender, in order to facilitate a maximum participation in the tender procedure, foreign operators may submit the declarations indicated above by using the following models translated in English:

ANNEX A – Application for admission to the tender;



ANNEX B – Standard form for the European Single Procurement Document (ESPD)¹ ;

ANNEX C – Technical data sheet of requested product;

ANNEX D1 –Technical offer for criteria 1, 2, 3, 7 and 12;

ANNEX D2 – Technical offer for criteria from 4, 5, 6, 8, 9, 10, 11 and 13;

ANNEX E – Bid form;

ANNEX H- Integrity Pact (Italian version);

ANNEX K – Availing;

FAQ

-From pag 15 of CSA- Requirements for foreign economic operators

Regarding the citizen of another member state of European Union or of non-European countries, who is not resident in Italy, the proof of registration, in accordance with the procedures in force in the State of residence, in one of the professional or commercial registers, reported in the Annex A, is required. Such a proof can be presented by means of affidavit or in accordance with the procedures in force in the country of establishment or by attesting, under its own responsibility, that the certificate produced has been issued by one of the professional or commercial registers established in the country in which the citizen is resident.

-From pag 20 of CSA-

Receipt related to the payment of the contribution of € 20 to be paid in favor of the National Anti-corruption Authority

The payment must be made according to the below-mentioned methods of collection, contained in the Resolution of the Authority of 15.02.2010, in the instructions set out in the notice of 31.03.2010 in force since 01.05.2010 (NB The instructions can be found on the website of the Authority www.anticorruzione.it, " Servizio Riscossione Contributi " section in the " Servizi " section) and in the Authority Resolution of 22 December 2015 (GU n.49 of 2016 February the 29th):

¹ Only sections II, III, IVa, and VI need to be completed



For foreign economic operators only, it is also possible to make the payment via an international bank transfer, to the bank account no. 4806788, opened at the Monte dei Paschi di Siena IBAN IT 77 O 01030 03200 0000 04806788 – (BIC: PASCITMMROM) registered to the Authority for the Supervision of Public Contracts for works, services and supplies. In the reason the competitors must indicate exclusively:

- the identification code for tax purposes used in the country of residence or place of residence of the participant;

Note

The deadline for making the payment coincides with the deadline for the submitting the offer.

The economic operators are required to pay the contribution as a **condition of admissibility to the selection procedure of the contractor**. They are required to show, **at the time of submission of the offer**, to have paid the sum due as a contribution.

The missing demonstration of the payment of this sum causes exclusion from the selection procedure of the contractor pursuant to art. 1, paragraph 67 of Law 266/2005 and of the Resolution of the ANAC of 22 December 2015.

If the receipt is not presented, the contracting authority shall verify the payment by consulting the AVCPass system.

If the payment is not registered in the system, the non-presentation of the receipt can be remedied pursuant to art. 83, paragraph 9 of the Code, provided that the payment has already been made before the deadline for submitting the offer.

In case of failure to demonstrate the payment, the contracting authority excludes the competitor from the procedure.

-From pag-22 of CSA – “PASSOE” Document “PASSOE” Document issued by the AVCPASS utility proving registration to the utility for the verification of the possession of the requirements available at the ANAC (formerly the Supervisory Authority for Public Works, Services and Supplies Contracts). The entities interested in participating in the procedure must register with the system by accessing the appropriate link on the portal www.anticorruzione.it at the ANAC (Services with restricted access - AVCPASS) according to the instructions contained therein.

-From pag 22 of CSA-Annex H - Integrity Pact - It is an agreement between Sardegna Ricerche and economic operators bidding for public contracts with whom they will abstain from corrupt practices and will



conduct a transparent procurement process. The competitors are required to sign and comply with the Integrity Pact reported in Annex H. The aforementioned "Integrity Pact" establishes the reciprocal obligation created between Sardegna Ricerche and the economic operators in order to base their respective behaviors on the principles of transparency and integrity. This integrity pact is an integral part of the tender documentation and the subsequent contract. As explicitly provided for by the National Anti-Corruption Plan, it is emphasized that failure to comply with the integrity agreement will result in exclusion from the tender and termination of the contract.

-From pag 23 of CSA– Provisional guarantee - Provisional guarantee to be presented in accordance with what is established by art. 93 of Legislative Decree n. 50/2016. The offer must be accompanied by a surety guarantee, called a provisional guarantee, equal to 2 percent of amount at the base of auction (€ 181.500,00). in the form of a deposit or surety, at the option of the tenderer.

-From pag 33 of CSA-ART. 9 – DEFINITIVE GUARANTEE

In accordance with Article 103 of Italian Legislative Decree 18 April 2016, no. 50, the contractor, in order to sign the contract, must constitute a guarantee, denominated "final guarantee", equal to 10 percent of the contract amount. The deposit is provided to guarantee the fulfillment of all the obligations included in the contract and the compensation for damages deriving from any failure to fulfill the obligations, as well as to guarantee the reimbursement of sums paid in excess to the executor with respect to the results of the final liquidation and in any case the reimbursement of the greater damage to the contractor can be requested. The guarantee ceases to have effect only on the date of issue of the certificate of regular execution. The failure of the final guarantee determines the cancellation of the assignment and the award of the contract to the competitor that follows in the ranking. The final guarantee is progressively released with the progress of the execution, up to a maximum of 80 percent of the initial guaranteed amount. The residual amount of the final deposit must remain until the date of issue of the certificate of regular execution, or up to twelve months from the date of completion of the service.