

No. Regist. 15234 / 15.11.2021

TECHNICAL SPECIFICATIONS

Aquisition of equipment related to a special ceramic products production line

Project "*Investment in a new, eco-friendly ceramic coating production line at Cemacon*"

Funding: *EEA and Norway Grants (2014-2021),*

Programme: "SME Development in Romania",

Call: "Increasing the competitiveness of Romanian enterprises"

COMPETITIVE PROCEDURE

according to the Order of the Minister of European Funds no. 1284/2016

on approving the competitive procedure applicable to private applicants/beneficiaries for the award of supply, services or works contracts financed by European funds

Approved,
Tudor DIACENCO
Project Manager

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SECTION I: INFORMATION ON THE PROCUREMENT PROCEDURE

1.1. General data about the beneficiary

<i>Beneficiary name</i>	CEMACON S.A.
<i>Trade Register registration number</i>	J12/2466/2012
<i>Unique Registration Code / URC</i>	RO677858
<i>Headquarters address</i>	Cluj-Napoca, Calea Turzii nr. 178K, etaj 1, Cluj county, Romania
<i>Contact person</i>	Tudor DIACENCO
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1.2. General data about the project

<i>Project name</i>	Investment in a new, eco-friendly ceramic coatings production line at Cemacon
<i>Grant contract</i>	No. 4751/09.04.2021
<i>Source of funding</i>	EEA and Norway Grants (2014-2021), Programme: "SME Development in Romania", Call: "Increasing the competitiveness of Romanian enterprises"

1.3. General information on the acquisition

<i>Type of contract</i>	Supply contract
<i>Contract name</i>	Aquisition of equipment related to a special ceramic products production line
<i>Object of the contract</i>	The object of the contract is the supply of equipment that together form a special ceramic elements production line (ceramic coating for lintels and decorative brick tiles), as well as the provision of related services for the assembling, installation, commissioning of the equipment and personnel training.
<i>Location of installation and commissioning</i>	Strada Fabricii, numărul 1, sat Recea, Comuna Vârșolt, Sălaj county, Romania
<i>Place of delivery</i>	Strada Fabricii, numărul 1, sat Recea, Comuna Vârșolt, Sălaj county, Romania

<i>Duration of the contract / Period of validity of the contract</i>		<p>The supply of equipment, installation, commissioning and provision of the necessary adjacent services, respectively technological tests, trials and personnel training, are to be carried out within 14 months from the signing date of the contract.</p> <p>The contract will be valid from the signing date until the date of full performance of the obligations of both parties including, without limitation, until the expiry of the warranty and maintenance periods bidded.</p>			
<i>Estimated contract value</i>		<p>The <i>total estimated value</i> of the contract is 6,814,650.00 euro excluding VAT, taking into account the details below.</p> <p>The bids that exceed the estimated value with more than 10% will be rejected.</p>			
No. Crt.	Product name	MU	Quantity	Estimated unit price (euro excluding VAT)	Estimated value product category (euro excluding VAT)
1.	Dosing and mixing line	pcs	1	2,748,300.00	2,748,300.00
2.	Extrusion and cutting line	pcs	1	458,400.00	458,400.00
3.	Drying line	pcs	1	678,800.00	678,800.00
4.	Glazing and digital printing line	pcs	1	339,500.00	339,500.00
5.	Burning line	pcs	1	878,650.00	878,650.00
6.	Transport and storage line	pcs	1	429,200.00	429,200.00
7.	Sorting line	pcs	1	420,200.00	420,200.00
8.	Palletizing line	pcs	1	252,300.00	252,300.00
9.	Services related to delivery, installation and commissioning (packaging, engineering, technological tests, trials and personnel training, technical assistance)	pcs	1	609,300.00	609,300.00
TOTAL					6,814,650.00
The Inforeuro exchange rate for November 2021 will be used (1 Euro = 4.9495 Ron)					

1.4. General information on the applicable procedure

<i>Selected procedure</i>	COMPETITIVE PROCEDURE governed by the Order of the Minister of European Funds no. 1284/2016 on the approval of the Competitive Procedure applicable to private applicants/beneficiaries for the award of supply,
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	services or works contracts financed by European funds.
<i>Applicable legislation</i>	<ul style="list-style-type: none"> Order of the Minister of European Funds No 1284/2016 approving the Competitive Procedure applicable to private applicants/beneficiaries for the award of supply, services or works contracts financed by European funds; G.E.O. no. 66/2011 on the prevention, detection and sanctioning of irregularities in the acquisition and use of European funds and/or related national public funds;

1.5. Qualification requirements and supporting documents

Requirements	Supporting documents
a) <i>Not falling under any of the situations of exclusion provided in Form no. 3 - Eligibility of bidder</i>	Affidavit on eligibility - Form no. 3.
b) <i>Not falling under any conflict of interest situation</i>	<p>Statement on the not falling under any conflict of interest situations provided in art. 14 and 15 of GEO 66/2011 - Form no. 4.</p> <p>For the analysis of a possible conflict of interest, please note that:</p> <p>1) The decision-makers within the purchaser are: Mr. Liviu Ionel STOLERU - General Manager; Mr. Daniel ȘOLOGON - Financial Manager.</p> <p>2) The persons who are part of the Evaluation Committee according to Decision no. 14872 of 05.11.2021 are: - Tudor Diacenco - President; - Gheorghe Cuciureanu – Member; - Bogdan Cojocaru-Lungu - Member; - Daniel Ioan Costea- Member; - Bogdan Puscaș - Member.</p>
c) <i>Capacity to exercise the professional activity (registration)</i>	<p>(i) <i>As regards Romanian legal entities</i></p> <ul style="list-style-type: none"> Certificate issued by the Trade Register Office, which will contain, at least, information on the identification data of the bidder, the authorised persons (administrator/administrators), the state of operation (with reference to the information provided in art. 21 letter e-h) of Law 26/1990), the object of activity of the bidder.

	<p>Note:</p> <ul style="list-style-type: none"> ○ The object of the contract must be included in the bidder's object of activity as stated in the certificate issued by the Trade Register Office. ○ The information contained in the certificate must be true/current at the date of submission of the bid. <ul style="list-style-type: none"> • Certificate of registration for VAT purposes, in certified copy (according to the original) (if applicable) <p><i>(ii) As regards foreign legal entities</i></p> <ul style="list-style-type: none"> • Documents proving a form of registration/certification or professional membership in accordance with the legal provisions of the country in which the bidder is a resident, accompanied by an authorized translation into Romanian / English. <p>Note:</p> <ul style="list-style-type: none"> ○ The object of the contract must correspond to the list of registered activities of the bidder.
d) Professional capacity	<p>Professional experience</p> <p>The bidder must prove that it executed in the last 5 years (2016 - 2021) a minimum of 3 (three) contracts for the supply, installation and commissioning of equipment in extrusion areas (min. 45t/day) and/or drying (min. 45t/day) and/or burning (min. 45t/day) related to a thin-walled ceramic elements production line (max. 15 mm) obtained by extrusion, rapid drying (roller dryer) and rapid burning (roller oven).</p> <p>If it has executed contracts in partnership, in order to be taken into account in the bid evaluation process, the share executed by the bidder must exceed 50% of the contract value and the goods supplied must be related to equipment in the extrusion and/or drying and/or burning areas of a thin-walled ceramic elements production line (max. 15 mm) obtained by extrusion, rapid drying (roller dryer) and rapid burning (roller oven).</p> <p>To meet this criteria, the bidder:</p>

	<p>(i) will fill in Form no. 5 (<i>Statement on the list of main works performed in the last 5 years</i>) where it will include the contracts which prove it meets the minimum qualification requirement.</p> <p>(ii) will provide the supplying contracts, reception and commissioning Minutes and/or other documents showing compliance with the requirement for the production line in which the supplied equipment was installed, namely <i>the thin-walled ceramic elements production line (max. 15 mm) obtained by extrusion, rapid drying (roller dryer) and rapid burning (roller oven)</i>.</p>
e) Quality assurance and environmental protection standards	<p>1. ISO 9001 or equivalent certification attesting the implementation of the quality management system by the bidder, valid at the deadline for submission of bids. It is not accepted “under accreditation”. This certificate must be provided in legible copy.</p> <p>In the case of a partnership, this condition must be met by all members of the partnership.</p> <p>2. ISO 14001 or equivalent certification attesting to the implementation by the bidder of the environmental management system, valid at the deadline for submission of bids. It is not accepted “under accreditation”. This certificate must be provided in copy.</p> <p>In the case of a partnership, this condition must be met by all members of the partnership.</p>
f) Information on partnerships (if the bidder is a partnership)	<p>If the bidder is a partnership, the bidder must submit the original Partnership Agreement signed by all members of the partnership.</p> <p>The partnership agreement will include at least the following information:</p> <ul style="list-style-type: none"> • Indication of the members of the partnership, with their identification data and nomination of the leader of the partnership; • Authorisation of the leader of the partnership to sign the bid on behalf of the partnership and to communicate with the purchaser on behalf of the partnership during this procurement procedure;

	<ul style="list-style-type: none"> • The parts of the contract to be performed by each member of the partnership; • The fact that the members of the partnership are jointly and severally liable to the purchaser for the full performance of the contract under the conditions specified in the contract. <p>During the performance of the contract, the contractor will not be entitled to change the structure of the partnership without the approval of the beneficiary.</p> <p>The professional and technical capacity will be demonstrated by taking into account the resources of all members of the partnership.</p> <p>Form no. 3 (<i>Affidavit on eligibility</i>) and Form no. 4 (<i>Statement on not falling within the situations provided in art. 14 of GEO 66/2011</i>) will be filled in by each member of the partnership.</p> <p>The other forms will be signed and submitted on behalf of the partnership by the partnership's leader.</p>
g) Information on subcontractors	<p>Without diminishing its liability for the performance of the contract, the bidder is entitled to subcontract the provision of services under the contract. If the bid includes the possibility of subcontracting part of the contract, the bidder must specify the parts of the contract to be subcontracted.</p> <p>At the conclusion of the contract, the beneficiary will request the presentation of the contracts concluded between the future contractor and any potential nominated subcontractors. During the performance of the contract, the contractor will not be entitled to replace the nominated subcontractors without the approval of the beneficiary.</p> <p>In order to fulfil this requirement, the bidder will fill in Form no. 6 (<i>Statement on the part/parts of the contract to be performed by subcontractors and their specialisation</i>). Nominated subcontractors will also fill in Form no. 3 (<i>Affidavit on eligibility</i>) and Form no. 4 (<i>Statement on the absence of conflict of interest situations provided in art. 14 and 15 of GEO 66/2011</i>).</p>

	<p>Note:</p> <p>If the bidder does not subcontract the services, Form no. 6 will be attached with the mention "Not applicable".</p>
<p>Comments:</p> <p>1. Pursuant to the provisions of Order 1284/2016, bidders have the right to prove compliance with the requirements by any type of verifiable means.</p> <p>2. Documents for which no period of validity is provided in their contents or by law, will not be issued with more than 120 days before the date of opening of bids.</p> <p>3. The bid that does not meet the qualification requirements will be rejected.</p>	

1.6. How to submit the bid

<i>Language in which the bid is to be drafted</i>	<p>Romanian and/or English language.</p> <p>Note:</p> <ul style="list-style-type: none"> Any bids drafted in another language will be provided together with a certified translation into English.
<i>Period of validity of the bid</i>	60 days from the deadline for submission of bids
<i>Good performance of the contract guarantee</i>	<p>The successful bidder will provide a good performance guarantee of the contract of minimum 5% of the contract value. The good performance guarantee will be provided within 5 working days from the signing date of the commissioning Minutes, by one of the following alternative means:</p> <p>a) bank transfer;</p> <p>b) a guarantee instrument issued by a banking or insurance company under the terms of the law.</p> <p>If the good performance guarantee is in the form of a bank letter of guarantee, this bank letter of guarantee will specify that the payment of the guarantee will be made unconditionally, respectively at the first request of the purchaser, on the basis of the purchaser's statement on the successful bidder's fault, established on the basis of the provisions of the contract and its annexes concluded between the parties, and will have a minimum validity period of the minimum warranty period for the bidded production line (minimum 12 months). The guarantee must be irrevocable.</p> <p>The beneficiary will release/return the value of the performance guarantee, within 5 days from the date of expiry of the warranty period for the bidded production line, if it has not raised claims on it by that date.</p> <p>The purchaser has the right to make claims on the good performance guarantee at any time during the performance of the procurement contract, up to the limit of the damage created, if the contractor fails to fulfil its obligations under the contract through its own fault. In the event of partial or total enforcement of the good performance guarantee, the contractor will be obliged to replenish the guarantee in question.</p>

<p><i>How to submit the technical proposal</i></p>	<ul style="list-style-type: none"> • The technical proposal will be prepared in such a way as to meet the minimum technical requirements specified in Section II (Technical characteristics). All these requirements are mandatory. Failure to comply with any of these requirements will trigger the rejection of the bid. If a bid deviates from the minimum requirements in the Technical Characteristics section, it will only be taken into consideration if the technical proposal involves ensuring a higher quality level than the minimum requirements. • The bidder is obliged to comply with the minimum requirements specified in Section II (Technical Characteristics) of these technical specifications. • The bidder will include in the technical proposal (Form no. 9), where appropriate, justifications, calculations and other documents of a technical nature, so that the fulfilment of any requirement in Section II (Technical Characteristics) of these technical specifications can be clearly demonstrated and easily verified. The bidder may also include other information that the bidder considers relevant for establishing the compliance of the technical proposal with the technical specifications or for highlighting the advantages of the bid over the minimum requirements in the Technical Specifications. • If the contract is to be performed together with subcontractors or if the bidder is a partnership, information on the distribution and interaction of tasks between the economic operators involved in carrying out the project will be provided. The bidder may include any other information it considers relevant to establish the compliance of the technical proposal with the minimum technical requirements specified in Section II (Technical Characteristics) or to highlight the advantages of the services bidden over the minimum requirements in the Technical Characteristics. • No alternative proposals will be accepted.
<p><i>How to submit the financial proposal</i></p>	<ul style="list-style-type: none"> • Bidders will fill in Form no. 7 (Bid Form), which will include the total price of the goods to be delivered as per the documentation. The price bidden for each equipment/line will be specified by filling in Form no. 8 - Product price list. • The price to be bidden will be expressed in lei/euro (values to two decimal places), exclusive of VAT. • If the bid is expressed in euro, the Inforeuro exchange rate for November 2021 will be taken into account, respectively 1 Euro = 4.9495 Lei (exchange rate communicated by the European Commission https://ec.europa.eu/info/funding-tenders/procedures-guidelines-tenders/information-contractors-and-beneficiaries/exchange-rate-inforeuro_ro will be taken into account for the evaluation/comparison of the bids. The price remains fixed for the duration of the procurement contract (no price adjustment is possible). • The price remains fixed for the duration of the procurement contract (no price adjustment is possible). • Any arithmetical errors contained in the bidder's financial proposal may be corrected by the bid evaluation committee only with the written approval of the bidder. Correction of arithmetical errors will be made by applying the following rule: if there is a discrepancy between words and figures, the value expressed in words will be taken into account and the value expressed in figures will be changed accordingly.
<p><i>How to submit the bid</i></p>	<ul style="list-style-type: none"> • Bids must be submitted or sent to the address of the beneficiary's headquarters in Cluj-Napoca, Calea Turzii, nr. 178K, etaj 1, Cluj county.

	<ul style="list-style-type: none"> • Further information can be obtained by e-mail at tudor.diacenco@cemacon.ro, contact person Tudor DIACENCO. • The qualification documents and the bid itself (technical proposal and financial proposal) must be submitted by the bidders in one original. Qualification documents must be submitted in a separate envelope from the bid itself. • Bidders will submit an outer envelope containing the documents listed below, as well as two inner envelopes, one containing the qualification documents and the other the bid itself: <ul style="list-style-type: none"> ○ The outer envelope will contain the following documents (in addition to those contained in the two inner envelopes): <ul style="list-style-type: none"> ▪ cover letter - Form no. 1; ▪ the power of attorney for submission/signing of the bid, if the bid documents are signed by a person other than the legal representative of the bidder (as per Form no. 2 - Power of Attorney). ○ Inner envelope marked <i>Qualification Documents</i> containing the qualification documents required under this documentation; ○ The inner envelope marked <i>Bid</i> containing the documents relating to the bid (technical proposal and financial proposal). <p>Note: The outer envelope will be properly sealed and non-transparent and will bear the following mention: To CEMACON S.A For the acquisition of equipment related to a special ceramic products production line procedure. NOT TO OPEN BEFORE 29.11.2021, HOUR 15:00.</p> <ul style="list-style-type: none"> • Failure to submit the technical and/or financial proposal will result in disqualification of the bidder. <p>Note: If the bidder does not meet the qualification requirements requested in this procedure, its bid will be rejected as unacceptable.</p> <p>The bid will be rejected as non-compliant if it does not adequately meet the minimum technical requirements specified in the Technical Characteristics section.</p> <p>WARNING!!! It is NOT accepted for the bids to be sent by any other means (e.g. e-mail, fax) or to any other address than the one mentioned above, under penalty of not being taken into consideration.</p>
Timetable of the procedure	<ul style="list-style-type: none"> • Date of publication of the notice on the website https://beneficiar.fonduri-ue.ro:8080/anunturi: 15.11.2021; • Deadline for receiving the requests for clarification from bidders (by e-mail or at the beneficiary's headquarters): 19.11.2021, hour 15:00; • Deadline for providing the response to clarification requests (by posting on www.fonduri-ue.ro): 23.11.2021, hour 15:00; • Deadline for submission of bids (at the beneficiary's headquarters): 29.11.2021, hour 15:00; <i>Bids may be submitted from Monday to Friday between 09:00 and 16:00 (observing the date and time limits for submission of the bids).</i>
Clarifications	<ul style="list-style-type: none"> • Any interested economic operator has the right to request clarifications on the procurement documentation. If the economic operator has not submitted the

	<p>request for clarification by 19.11.2021, 15:00, the request for clarification will not be taken into consideration.</p> <ul style="list-style-type: none"> • The responses to requests for clarification will be published by the beneficiary on the website https://beneficiar.fonduri-ue.ro:8080/anunturi. • In the event that requests for clarification leading to changes/adjustments to the technical specifications occur, the beneficiary may extend the deadline for the submission of bids in order to allow sufficient time for their preparation. • If it deems it necessary, the beneficiary/bid evaluation committee appointed by the beneficiary may request clarification of the content of the bid submitted, and the bidder must respond to the request for clarification within the deadline specified in the request for clarification.
<i>Means of communication</i>	Requests for clarification or any other communication in connection with the development of the procurement procedure will be made in writing to the e-mail address or to the headquarters of the beneficiary (as specified in section I.1), except for the bid (which will be submitted to the headquarters of the beneficiary).
<i>Possibility to withdraw or change the bid</i>	<p>Bids may be changed/withdrawn prior to the date and time limits for their submission.</p> <p>Bids will be declared late if they are submitted to an address other than that stated in the notice, or if they are submitted after the date and time limits for submission of bids and will be returned unopened.</p>
<i>Contestations / appeals</i>	Any economic operator may address to the competent courts of law regarding the development of the competitive procedure.
<i>Other information</i>	The bidder will bear all costs associated with the preparation and submission of its bid, including accompanying documents, and the beneficiary will not be liable in any way for such costs.

1.7. Award of contract

<i>Bids tie-breakers</i>	<p>The beneficiary will evaluate all bids received against all requirements published in these technical specifications and will select the winning bid.</p> <p>The supply contract will be awarded to the most advantageous bid from a technical and economic point of view (the bid with the most advantages for the achievement of the project purpose).</p> <p>Under the principle of transparency, the beneficiary will identify the most advantageous bid from a technical and economic point of view on the basis of the following tie-breakers, taking into account the share indicated in the table below:</p> <ul style="list-style-type: none"> • Technical competitiveness of the bid; • Bid price; • Warranty period additional to the minimum warranty period requested, related to the bidden production line. 		
Crt. no.	Tie-breakers	Share	Maximum score
1.	Technical competitiveness of the bid	45%	45
2.	Bid price	40%	40

3.	Warranty period additional to the minimum warranty period requested, related to the bidded production line.	15%	15			
TOTAL		100%	100			
Algorithm for the calculation of the bids tie-breakers	1. Technical competitiveness of the bid					
	Technical competitiveness of the bid is established following the application of the following evaluation scale:					
		1	2	3	4	5
	1.1. Quantity and quality of information provided in the technical proposal					
	1.2. Quality of the bidded equipment					
	1.3. Level of accessibility (user friendly) of the software programs for managing the areas of the bidded production line.					
	1.4. Warranty conditions and technical assistance bidded					
	1.5. Quality of the proposed training program					
	The score will be awarded to the extent that the proposal in the bid corresponds to the needs of the beneficiary, the grades awarded will have the following meaning: 5 - excellent, 4 - very good, 3 - good, 2 - satisfactory, 1 - unsatisfactory.					
	The final score represents the weighted average of the scores awarded for each of the 5 criteria above, taking into account the following weights:					
	1.1. Quantity and quality of information provided in the technical proposal - weighting factor 1;					
1.2. Quality of the bidded equipment - weighting factor 2;						
1.3. Level of accessibility (user friendly) of the software programs for managing the areas of the bidded production line - weighting factor 0.5;						
1.4. Warranty conditions and technical assistance bidded - weighting factor 1;						
1.5. Quality of the proposed training program - weighting factor 0.5;						
In order to evaluate the bids based on this tie-breaker, the score will be awarded as follows:						
<ul style="list-style-type: none">For the highest score obtained based on the scale, the maximum score allocated to the evaluation factor will be awarded - 45 points;For the other scores obtained, the score will be calculated on pro-rata basis, based on the following formula:						
P1(n) = [Awp (n) /Awp (max)] x 45 where						
P1(n) = the score for the price tie-breaker related to the technical competitiveness of the bid;						

	<p>PG (n) = the score obtained by the bidder; PG (max) = the maximum score obtained.</p> <p>2. Bid price</p> <p>The score for the price tie-breaker will be awarded as follows:</p> <ul style="list-style-type: none"> For the lowest price will be awarded the maximum score allocated to the evaluation factor - 40 points; For the other prices bidden, the score will be calculated on pro-rata basis, based on the following formula: <p>$P2(n) = [Price (min) / Price (n)] \times 40$ where</p> <p>P2(n) = the score for the price tie-breaker; Price (min) = lowest price bidden; Price (n) = price bidden by the bidder.</p> <p>3. Warranty period additional to the minimum warranty period requested, related to the bidden production line.</p> <p>In this technical specifications for the special ceramic elements production line, a warranty period of minimum 12 months and maximum 60 months from the signing date of the reception and commissioning Minutes is provided, during which period the supplier will provide warranty for the bidden special ceramic elements production line, free of charge.</p> <p>The warranty period bidden will be expressed in months.</p> <p>The score for the additional warranty tie-breaker will be awarded as follows:</p> <ul style="list-style-type: none"> For the bid offering the longest warranty period in addition to the minimum requirement in the technical specifications (maximum 48 months) - 15 points; For the other warranty periods bidden (in the range 12 - 60 months), the score will be calculated using the following formula: <p>$P1(n) = [Awp (n) / Awp (max)] \times 15$ where</p> <p>P1(n) = the score for the additional warranty period tie-breaker; Awp (n) = additional warranty period for the evaluated bid Awp (max) = highest additional warranty period bidden.</p> <p>For a bidden warranty period of 12 months (minimum warranty period required by these technical characteristics) no score is awarded.</p> <p>For a bidden warranty period of less than 12 months (minimum warranty period required by these technical characteristics) the bid is rejected.</p> <p>For a bidden warranty period greater than 60 months, the score for the 60 months period will be awarded (15 points).</p> <p style="text-align: right;"><u>Total score</u></p>
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	<p>The total score for a bid will be obtained by adding together the scores for each of the tie-breakers:</p> <p>Total score = the score for technical competitiveness of the bid P1(n) + the score for bid price P2(n) + the score for the warranty period additional to the minimum warranty period requested for the bidden production line P3(n).</p> <p>Note:</p> <ul style="list-style-type: none"> • If a bid has an apparently unusually low price in relation to market prices, the beneficiary will request the bidder to explain whether the contract can be fulfilled under the quality conditions imposed in the technical specifications. The bidder may submit any documents it deems necessary to justify the price bidden. • The beneficiary reserves the right to reject the bid when the justifications offered by the bidder for the apparently unusually low price are judged as unsatisfactory.
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1.8. Payment details

Payment of the price will be made as follows:

*a) **Payment of the advance**, which will be paid in instalments as follows:*

*- maximum 20% of the total value of the contract less the value of the services related to the delivery, installation and commissioning, within **10 days** from the signing date of the contract and issuing the invoice;*

*- maximum 80% of the value of each line, respectively dosing and mixing line, extrusion and cutting line, drying line, glazing and digital printing line, burning line, transport and storage line, sorting line and palletizing line - within **10 days** from receipt of confirmation from the manufacturer that the line is ready for delivery and issuance of the invoice for the advance.*

*If the bid requires an advance payment, the bidder must provide a guarantee in the form of a Bank Letter of Guarantee (BLG) or Insurance Policy in value equal with the advance payment, within **5 days** from the date of issuing of the invoice. The advance guarantee shall be valid as follows:*

- Advance payment I: the guarantee will cover the time interval between the date of issuing the invoice for the advance and the date of taking over the goods for transportation, considering the delivery condition according to INCOTERMS 2020, FCA - Free Carrier at the supplier's premises.

- Advance payment II: the guarantee will cover the time interval between the date of issuing the invoice for the advance, informing the beneficiary that the goods are "ready for delivery" and the date of taking over the goods for transportation, considering the delivery condition according to INCOTERMS 2020, FCA - Free Carrier at the supplier's premises.

*b) **Payment of the price difference** will be paid as follows:*

*The price difference, respectively at least the value of the Services related to the delivery, installation and commissioning (packaging, engineering, technological tests, trials and personnel training, technical assistance) within **10 days** based on the invoice and the commissioning Minutes accepted by both parties and the guarantee of good performance.*

WARNING! The value of the final payment must be at least 10% of the value of the bid, otherwise the bid will be rejected.

If no advance is requested by the bid, the payment terms will be considered as described above, respectively **10 days** based on the invoice and the quantitative receipt Minutes for each line, respectively dosing and mixing line, extrusion and cutting line, drying line, glazing and digital printing line, burning line, transport and storage line, sorting line and palletizing line, and **10 days** based on the invoice and the installation and commissioning Minutes at the completion of both assembly works and installation, as well as technological tests and trials and personnel training for services related to delivery, installation and commissioning (packaging, engineering, technological tests, trials and personnel training, technical assistance.

The detailed prices for each category of goods/services are those included in the bid. The contract price is firm and not adjustable. Therefore, the price will not be indexed and will not be subject to any increase during the performance of the works, regardless of inflation and possible increases in costs, prices and tariffs due to the market, exchange rate variations or legislative changes.

1.9. Contract implementation schedule

The supply of equipment, assembly, installation, commissioning as well as the performance of technological tests and personnel training are to be carried out within **14 months** from the signing of the contract taking into account the following intermediate stages:

N o. Cr t.	Object name	Mon th 1	Mon th 2	Mon th 3	Mon th 4	Mon th 5	Mon th 6	Mon th 7	Mon th 8	Mon th 9	Mon th 10	Mon th 11	Mon th 12	Mon th 13	Mon th 14
1	Equipmen t supply (productio n line)														
2	Assembly and installatio n														
3	Commissi oning														
4	Technolog ical tests and trials														
5	Personnel training														

1.10. Information on transport, performance of technological tests and trials and training of beneficiary's personnel

a) Transport

If there are deliveries of materials from outside Romania, the price for these deliveries in the Bid is considered under the delivery condition, according to INCOTERMS 2020:

- FCA - Free Carrier at the supplier's premises for deliveries within the EU;
- FCA - Free Carrier at the supplier's premises for deliveries outside the EU;

b) Technological tests and trials

Prior to signing the commissioning Minutes, the supplier has the obligation to perform technological tests and trials to prove compliance with the performance and technical specifications required by this documentation (Section II - Technical characteristics).

c) Personnel training

The bidder must provide training to the beneficiary's personnel for operating the bidded production line.

The training program will include at least the following modules, persons and duration:

- Technological training, min. 1 person and a duration of min. 10 working days;
- Mechanical training, min. 1 person and a duration of min. 10 working days;
- Electrical and electronic training, min. 1 person and a duration of min. 10 working days;

1.11. Warranty information

The supplier must provide warranty for the production line assembled, installed and commissioned. The period of warranty will be **minimum of 12 months** from the signing date of the commissioning Minutes.

The bidder has the possibility to bid different warranty periods, but not less than 12 months, for the equipment/areas of the bidded production line, aspect that will be evaluated under Criteria no. 1 **Technical competitiveness of the bid**, Subcriteria 1.4. The warranty conditions and technical assistance bidded;

The general warranty period for the bidded production line will be evaluated under Criteria no. 3. **Warranty period additional to the minimum warranty period requested, related to the bidded production line.**

During the warranty period, the supplier will ensure the repair and/or replacement of the warranty items that have failed under normal conditions of use of the production line, at no additional cost.

The equipment provided will be new and unused.

1.12. Related services information

a) Packaging services

The supplier must ensure that the equipment forming the special ceramic products production line is properly packaged so that they can be transported safely to their destination.

The packaging must meet the following conditions:

- minimize the risk of the packaged good being damaged or affected in any way by mechanical actions, chemicals and environmental agents during handling, transport and storage;
- to facilitate the fixing, lifting and loading of the packaged goods on appropriate means of transport (trucks, containers, etc.);

- to protect the packaged good against shocks when the means of transport is in motion; packaged goods must be securely fastened and secured to prevent slipping inside the package.

The reference standard for the provision of packaging services is UNI EN 9151 or equivalent (for packages up to 10000 kg).

b) Engineering services and technical documentation

The supplier must provide the engineering services related to the bidded production line respectively, without limitation to:

- assembly drawings (elevation and plan view) of the areas related to the bidded production line;
- drawings for concrete foundations optimally dimensioned for the equipment and the metal frames related to the bidded production line;
- drawings indicating the dimensions and location of the channels and pits for technological water drainage;
- drawings indicating the metal elements to be placed in the walls and/or floor to support the metal structures and the foundations of the equipment foundation;
- general layout;
- drawings for the metal structures related to the bidded production line;
- drawings with electrical installations including values relevant to the total electricity required, water, compressed air and gas;
- drawings showing the location of control panels and electrical cabinets, motors and, in general, of all parts to be connected to the electrical cabinets themselves, including keep in mind that power requirements are also indicated;

The drawings will be made available to the beneficiary in editable electronic format (.dwg).

At the same time, the supplier must make available to the beneficiary the technical documentation including the user manual related to the bidded production line, in Romanian in paper and digital format.

c) Technical assistance services

The supplier must provide technical assistance services for the installation and commissioning of the bidded production line by providing the beneficiary with qualified personnel properly sized to the extent of the works to be performed.

1.13. Information relating to excluded items from the supply and which remain the responsibility of the beneficiary (exclusions).

If necessary, the bidders have the obligation to specify in the Technical proposal any supply exclusions such as, without limitation, metal platforms, access stairs to equipment, equipment foundations, metal supports for equipment, air pipes, etc. which are not included in the technical proposal. The exclusion list must not contain equipment related to the production line.

Note:

By submitting a bid, the bidder accepts in full and without restriction the conditions of these technical specifications which will govern the contract to be awarded under this procurement procedure,

irrespective of the bidder's own conditions for the provision of services. Bidders must carefully examine the technical specifications and prepare the bid in accordance with all instructions, forms and technical characteristics contained in these technical specifications.

SECTION II: TECHNICAL CHARACTERISTICS

a) Context

The object of the contract is the supply of equipment that together form a line of production of special ceramic elements (ceramic coating for lintels and decorative brick tiles).

b) Location

Coordinates: 47°12'45.1"N 22°57'26.9"E (47.212525, 22.957465).

The site is located at Str. Fabricii, Nr. 1, Sat Recea, Com. Vârșolț, Sălaj County, Romania.

c) Functional layout of the rooms:

Due to technical reasons, the technical documentation of the building that will host the special ceramic elements production line could not be uploaded on the site. <https://beneficiar.fonduri-ue.ro:8080/anunturi> therefore it can be made available to interested economic operators in electronic format, free of charge, on the basis of a request following the signing of a confidentiality agreement, within a maximum of 24 hours from the date of the request. Therefore, the interested economic operators will send by e-mail (to the address tudor.diacenco@cemacon.ro), the signed request together with the confidentiality agreement made available by the beneficiary together with these Technical Specifications, and within a maximum of 24 hours they will receive the link from where the technical documentation can be downloaded in electronic format.

d) Technical requirements and functional parameters related to the special ceramic elements production line that is the subject of this acquisition;

The bidden production line must meet the following minimum technical requirements:

			Product type		
Crt. no.	Area	Minimum capacity	Ceramic element for lintel (500mm, 250mm)	Decorative brick tiles (base mark 240mm x 71mm x 14mm)	Additional requirements

0	Special ceramic elements production line	Minimum capacity/day	5000 linear meters	950 sqm	The technical parameters of the products can be consulted in the technical data sheets below*
1	Mixture preparation line	Minimum processing capacity of the mixture at a rolling distance of 0.8 mm/h	25 cubic meters	25 cubic meters	The line will be provided with a weighing system for the raw materials introduced in the recipe
		Minimum storage capacity of the prepared raw material	180 cubic meters	180 cubic meters	
3	Extrusion line	Minimum extrusion capacity/h	3.5 t	3.5 t	
4	Rustication system	Minimum capacity / day	n/a	950 sqm	
5	Drying line (roller dryer)	Minimum capacity / day	5000 linear meters	950 sqm	
6	Buffer area between the oven and dryer (minimum capacity)	Minimum storage capacity	1500 pcs/500 mm respectively 3000 pcs/250 mm	4900 pcs	
7	Glazing and digital printing line	Minimum glazing and digital printing capacity / day	n/a	950 sqm	
8	Burning line (roller oven)	Minimum capacity / day	5000 linear meters	950 sqm	Nominal operating temperature 1250°C
9	Buffer area between the oven and palletizing area	Minimum storage capacity	n/a	4900 pcs	
10	Palletizing line ceramic element for lintel	Minimum capacity / day	6000 linear meters (pallet placement - 9 pcs / row x 2 rows x 15 floors) reference product L = 500mm)	n/a	

11	Automatic packing line of decorative brick tiles	Minimum capacity / day	n/a	1400 sqm	The line will be provided with an automatic product quality verification system; Packing will be done automatically in cardboard boxes; The line will be equipped with a barcode printing system on the boxes
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*Book of Specifications Ceramic lintel

1) Product name:

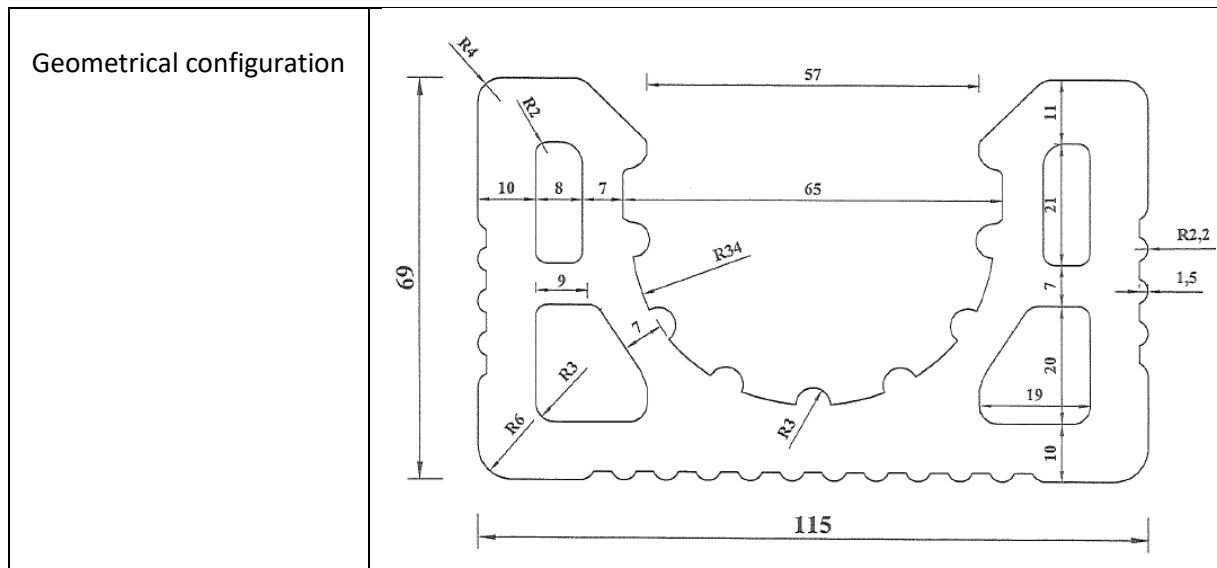
- Ceramic lintel

2) Description:

- Ceramic coating for prefabricated lintel

3) Technical specifications:

Characteristics	UoM	Value/Range	Max. deviation	Standard / Norms
Width (mm)	mm	115	±0,5mm	EN 846-11:2002
Length (mm)	mm	500 & 250	±0,5mm	EN 846-11:2002
Height (mm)	mm	69	±0,5mm	EN 846-11:2002
Flatness by length (concave/convex)	mm	0	±0,5mm	
Flatness by length (concave/convex)	mm	0	±0,5mm	
Volume weight of the shaped block (kg/m3)	Kg/m3	1400	±50 kg/m3	
Volume weight of the brick shard (kg/m3)	Kg/m3	1700	±50 kg/m3	
Holes volume	%	16	±2 %	
Water absorbtion	%	18	±2 %	
Load	kN	180	±5	



*Book of Specifications Klinker brick-slips

- 1) **Product name:**
 - Klinker
- 2) **Description:**
 - Klinker brick-slips for facade application with low water absorbtion
- 3) **Usage:**
 - facade
 - external walls, unprotected
- 4) **Klinker textures:**
 - Rustiq design
 - Flat surface
 - Glazed products
- 5) **Color range:**
 - From grey/white to red and black
- 6) **Technical specifications:**

Characteristics	UoM	Value/Range		Max. deviation	Standard / Norms
		Min	Max		
Water absorbtion:	%	0,5	3	Class A1b (0,5% <Eb ≤ 3%)	EN 10545-3
Length:	mm	100	350	±1,0 % or max. 2mm	EN 10545-2
Width:	mm	45	200	±1,0 % or max. 2mm	EN 10545-2
Thickness:	mm	9	15	±10 % or max. 4mm	EN 10545-2
Straightness of sides	%			±0,5 %	EN 10545-2

Deviation from rectangularity	%			±1%	EN 10545-2
Surface flatness measurement	%			±0,5 %	EN 10545-2
Surface quality	Min 95% of the plates should not present visual defects.				EN 10545-2
Breaking strength	N	≤ 1100			EN 10545-4
Tensile Strength	N/mm2	> 23 N/mm2 (average) > 18 N/mm2 (individual)			EN 10545-4
Abbrasion resistance	mm3	Max. 275			EN 10545-6
Thermal expansion (22-100°C)		≤ 7 x 10 ⁻⁶ /°C			EN 10545-8
Frost resistance		Passes, according to the EN 10545-1			EN 10545-12
Chemical resistance		Min. class B			EN 10545-13

Note:

The technical characteristics in this documentation represent the minimum conditions to be met by the successful bid. The technical specifications which appear to indicate a specific origin, source, production, a particular process, a trademark, a patent, a manufacturing licence or the like, are mentioned only for the purpose of easily identifying the type of product and do not have the effect of favouring or eliminating certain economic operators or certain products. These specifications will be taken into consideration with the mention "or equivalent".

All specifications, services and requirements mentioned and requested in the Technical Specifications (award documentation) will be accompanied by the words "or equivalent".

SECTION III: FORMS

Attached to these technical specifications there are forms intended, on the one hand, to facilitate the preparation and submission of the bid and accompanying documents and, on the other hand, to enable the beneficiary to examine and evaluate all bids submitted quickly and correctly.

Each bidder participating in the procedure for the award of the supply contract is required to submit the forms provided in this section, duly filled in and signed by authorised persons.

SECTION IV: CONTRACT CLAUSES

The contract will be signed only with the economic operator designated in the supporting award notice.

The technical specifications, any clarifications and the successful bid will be attached to the contract between the parties. The contract cannot change the technical specifications and the successful bid which will be the basis for the award of the contract.

The contract will state the identification data of the two signatory parties, the object, value and duration of the contract. Conditions relating to the provision of services, reception, good performance guarantee, advance payment, etc. will be expressly provided in accordance with the applicable legal provisions.

The technical-financial offer declared the winner will be constituted as an annex to the supply contract.

The contract price is firm and not adjustable. Therefore, the price shall not be indexed and shall not be subject to any increase, regardless of inflation and possible increases in costs, prices and tariffs due to market, exchange rate variations or legislative changes.

The total term for the delivery, installation and commissioning of the bidden production line, including technological tests, trials and personnel training, certified by the commissioning Minutes is 14 months from the signing date of the contract.

The commissioning Minutes will be signed after reaching the performances and the technical specifications provided in the technical-financial offer and the training of the personnel.