

I acknowledge receipt of the request

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(Date and signature, company stamp)

In connection with the implementation of the research and development project entitled “The implementation of the results of the R&D work involving the production of ecological sandwich panels characterized by low heat transfer coefficient and high fire resistance” within the Sub-Measure 3.2.1 “Market Research” of the Smart Growth Operational Programme (POIR), 2014-2020. Smart Growth Operational Programme (POIR) Project No. 03.02.01-12-0008/17. Guidelines on Eligibility of Costs within the European Regional Development Fund, the European Social Fund and the Cohesion Fund for the years 2014-2020 apply to this procedure.

The Contracting Entity invites to submit bids for the manufacturing of the complete, new process line for the production of wall sandwich panels between steel skin sheets with a PIR core and mineral wool elements with transport and installation in Gorlice (Małopolskie Province, Poland). The Request for Quotation is carried out according to the competition rules.

I.

Gór – Stal Sp. z o.o., ul. Przemysłowa 11, 38-300 Gorlice, NIP: 7381945154.

II.

1. The subject of the procurement is the manufacturing of the complete, new process line for the production of wall sandwich panels between steel skin sheets with a PIR core and mineral wool elements with transport and installation in Gorlice (Małopolskie Province, Poland).
2. The new process line consists of 5 sections:
 - ✂️ Decoiling, guiding, centring, purification, protection, joining, feeding of steel skin sheets to the profiling section - in short called the SKIN SHEET FEEDING SECTION
 - ✂️✂️ Profiling of sheets consisting of: devices profiling an external and internal steel skin sheet and longitudinal sides of the steel skin sheet to obtain the desired shape of the sandwich panel lock - in short called the SKIN SHEET PROFILING SECTION

)(X)(X) The preparation of the plate core with mineral wool consisting of the automatic drawing of wool from a palette, cutting, gluing, and milling devices which reverse the elements of the core, guiding and feeding the core elements to the central section - in short called the MINERAL WOOL SECTION

X)❖ The central section consisting of: units early heating of the skin sheet, feeding table to heat the skin sheet and guide the skin sheets, units feeding glues connecting MIWO and PIR cores with the skin sheet, a foaming portal together with mixer heads feeding the PIR blend and a set of equipment used to prepare a PIR blend, a 30 m long heating furnace - in short called the CENTRAL SECTION

❖ The reception section consisting of devices to: cross-cut sandwich panels, dispose of defective (second class) products, cool panels, mill longitudinal sides, pile plates and pack - in short called the RECEPTION SECTION.

3. Other elements which are the subject of the procurement:

- Dust extraction system produced in the MINERAL WOOL SECTION with a solution for storage and reception of the MIWO dust;
- Dust extraction system produced in the RECEPTION SECTION while cutting and milling sandwich panels with a solution for storage and reception of the PIR and MIWO dust;
- Equipment for feeding chemical materials from the existing Gór-Stal tank park, i.e. polyol, isocyanate, pentane and other components of the PIR blend;
- Complete system of the electricity and gas supply of the line;
- Complete system of the electronic control of the process line;
- System of production data collection and devices monitoring the production process;
- Transport to Gorlice, ul. Przemysłowa 11, 38-300 Gorlice, Małopolskie Province, Poland - the Supplier shall submit the delivery time and the conditions of transport. Required delivery date: not later than 12 months from the date of signing of the agreement and transferring an advance;
- Installation and starting - the Supplier shall submit the installation and starting conditions;
- Employee training - the Supplier shall submit the detailed training conditions;
- Documentation and manuals:
 - ✓ Complete documentation, in compliance with the relevant requirements of the CE directive shall be provided in Polish;
 - ✓ Manuals for each section and device provided in Polish;
 - ✓ List of spare parts needed during the installation and after starting provided in Polish;
 - ✓ Supply of source programmes of the PLC drivers (after installation and starting of the process line);
 - ✓ Copy of the parameters of all devices;
 - ✓ Backup copies of computer programmes used in the process line.
- Warranties - the Supplier shall ensure the conditions concerning the warranties detailed in the standard agreement (Annex No. 5)

- Price and payment conditions - the Supplier shall submit the price and payment conditions for the complete delivery of the above mentioned process line together with other conditions.

4. The dimensions of the products:

- Wall panel:

Thickness:	40 - 250 mm
System width standard connector:	900 - 1 140 mm
System width hidden connector:	900 - 1 100 mm
System width cooling connector:	900 - 1 150 mm
Length:	1 500 – 18 000 mm
Thickness of the internal skin sheet:	Sheet 0.40 - 0.70 mm
Thickness of the external skin sheet:	Sheet 0.40 - 0.70 mm
Maximum weight of a single panel:	800 kg
Maximum pile height:	1 200 mm
Maximum weight of a panel pile:	3 000 kg
Model of panel profiling:	to be agreed
Model of panel locks:	currently used

- tolerances:

Panel thickness:	$\leq 100 \text{ mm} \pm 2 \text{ mm}$
	40-50 mm $\pm 1 \text{ mm}$
Panel length:	1 500 - 6000 mm $\pm 2 \text{ mm}$
	6 000 - 15 000 mm $\pm 3 \text{ mm}$
	15 000 - 18 000 mm $\pm 5 \text{ mm}$

- Type of mineral wool as the insulating core element: wool rock with a density of no less than 100 kg/m³

5. Process line speed:

- Mechanical to 15 m/min for the PIR core panel
- Mechanical to 8 m/min for the MIWO element panel

6. Certificate of conformity of the process line equipment with the CE standards;

7. Process line designed for the size of the production and storage hall;

8. Main parameters of the process line for the production of wall sandwich panels between steel skin sheets with a PIR core and mineral wool elements.

The Contracting Entity below reserves the required devices for the process line. The individual solutions of the Supplier that make the basic functions of the line fulfilled shall be evaluated on the stage of the comparison of bids.

- A.** The skin sheet feeder for decoilers to feed the steel skin sheet on the panel decoilers - 4 pcs
- Maximum weight of the panel coil - 12 t;
 - Width of the panel coil- from 700 to 1 250 mm;
 - Minimum external diameter of the panel coil - 700 mm;
 - Maximum external diameter of the panel coil - 1 300 mm.
- B.** Decoilers - to decoil skin sheets in the form of steel sheet - 4 pcs
- Maximum weight of the panel coil - 12 t;
 - Width of the panel coil- from 700 to 1 250 mm;
 - Maximum external diameter of the panel coil - 1 300 mm;
 - Internal diameter of the panel coil - 508 mm.
- C.** Units of connecting sheets for external and internal skin sheet. Devices of automatic or semi-automatic connection of panel stripes in the course of production without stopping. Intended place in the line for the accumulation of panel stock - 2 pcs.
- D.** Protection units for securing the sheets with a protective film, the application of protective film on the surface of the external and internal sheet of the sandwich panels - 2 pcs.
- E.** Sheet corona treatment panel - a device to improve the adhesion of foam to the sheet. Device for external sheet (bottom sheet during the production of panels on the process line) and internal sandwich panel - 2 pcs.
- F.** Units of longitudinal profiling of internal and external skin sheets - profiling shape according to the Gór-Stal drawings -
- G.** Profiling units of sandwich panel locks for internal and external skin sheets - lock shape according to the Gór-Stal drawings -
- H.** System of feeders, guides, platforms for the feeding and profiling section according to the Supplier's solutions.
- I.** Systems of automatic, electrical, and electronic control for the entire feeding and profiling section according to the Supplier's solutions with the automatic guiding of the sheet edge
- J.** Hydraulic equipment for the feeding and profiling section according to the Supplier's solutions.
- K.** Security set for the feeding and profiling section according to the Supplier's solutions.
- L.** System of electrical and electronic control for the whole central section.
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- A.** Preparation of the panel core elements with mineral wool consisting of the automatic drawing of wool from a palette, cutting, gluing, and milling devices which reverse elements of the core, guiding and feeding the core elements to the central section - according to the Supplier's solutions. The final shape of the side mills shall be determined on the basis of detailed specification provided by the Contracting Entity at the request of the Bidder no later than 90 days before the production line delivery to the Contracting Entity.
- B.** System of feeders, guides, platforms for the mineral wool section according to the Supplier's solutions.
- C.** Systems of automatic, electrical, and electronic control for the entire mineral wool section according to the Supplier's solutions.
- D.** Hydraulic and pneumatic equipment for the mineral wool section according to the Supplier's solutions.
- E.** Security set for the mineral wool section according to the Supplier's solutions.

- A. The unit of the early heating of sheets - heating of external and internal skin sheets to the set temperature before feeding the sheets to the foaming portal. If the unit is to be provided with a thermal insulation cab, the drawing of such a cab should be provided, whereas the materials shall be provided by the Contracting Entity - 1 pc.
- B. Feeding table with the air extraction system - the application of a thermal-insulating material on the external skin sheet and the preparation for connecting it with the skin sheet. Table fitted with the air extraction system outside the production hall - 1 pc.
- C. Foaming portal with mixing heads for the oscillating or stationary application of the PIR blend to the external tin skin sheet. 2 pcs of mixing heads. Electrical control for the Foaming Portal.
- D. Unit of dosing the polyol and isocyanate blend under high pressure - designed for mixing and feeding polyol, isocyanate, additives and pentane to mixing heads. Machine for the 9-element system.
- E. Unit of dosing pentane on the high pressure side - dosing of pentane to the polyol blend.
- F. Unit of dosing air under high pressure - additional dosing of air to the polyol blend under high pressure. The unit shall be equipped with a separate compressor (compressed air generator).
- G. Pentane safe processing system conforming with the standards and requirements in Poland in order to ensure the explosion protection. Extractor system from the foaming portal together with fans.
- H. Units of temperature control of the feeding material on the low pressure side - the possibility to control the temperature of the polyol blend.
- I. Heating furnace of length of 30 m - 30 m (thirty) heating furnace with a solution of a side sealing according to the arrangements with the Contracting Entity (a similar system is currently used in the Gór-Stal factory in Gorlice - sealing chains + sealing blocks over the entire length of the heating furnace). Heated panels for the upper and lower skin sheet. Possibility of production of panels with a thickness of 40 to 250 mm with the automatic height adjustment of the upper belt of the panels in the heating furnace. Preferred heating system of the heating furnace: gas (heating oil and applying heat exchangers).

The Contracting Entity shall provide the thermal insulation of the furnace in the form of sandwich panels on the basis of the guidelines and drawing of the Supplier.

- J. System of side feeding of the panel sealing to stop and secure the insulation core between steel skin sheets during the production of sandwich panels.
- K. Shelves for containers for activator additives dedicated for the storage of additives and activators (total 6 additives and activators kept in 1000 l containers) to enable feeding the material to pumps using a buffer tank. The design of the shelves for an easy replacement of containers.
Note! One of the components may be flammable, the explosion protection must be provided.
- L. System of electrical and electronic control for the whole central section.
- M. System of production data collection and devices monitoring the production process for the smooth production management of sandwich panels. Monitoring and data collection for components (polyol blend, isocyanate, additives, activators) inter alia: rate of flow (set value/ current value), deviations in %, pressure, temperature, production speed, total production at a given time period, etc. Alarm signals,

consumption records, statistics, trends etc. Formulation management of the foaming system. Backup/Restoring data.

Set of roller, tape, and chain conveyors - adapted to the following sections according to the Supplier's conceptual solutions and project.

Cross-cut saw - adapted to the production of panels in all set lengths at the speed of 15 m/min and higher.

Note!: Sound absorbing cab supplied by the Contracting Entity according to the Supplier's design of the extraction system of dust produced while cutting sandwich panels with a solution of storage and reception of the PIR dust.

Special attention should be given to the use of cleaning devices of the panel surface after cutting i.e. removal of filings destroying the sheet on further stages of the production process and transport.

Scrap reception unit - located before the cooling section.

Cooling section - device used for vertical cooling of panels with a maximum length of 18 m. Parameters:

- Length of the sandwich panels: 1 500 – 8 000 mm;
- Thickness of the sandwich panels: 40 – 250 mm;
- Panel weight: approx. 50 kg/mb;
- Panel width: up to 1 200 mm.

Unit of longitudinal milling of the insulating core of the sandwich panel for cooling panels.

Milling knives supplied by the Contracting Entity according to the Supplier's design of the extraction system of dust produced while cutting sandwich panels with a solution of storage and reception of the PIR and MIWO dust.

Panel piling unit - unit for preparing panels for packaging together with the unit feeding polystyrene blocks under the piles of panels.

Packaging unit for panel piles - covering the panel piles with a stretch film and securing the panels before loading on commercial vehicles.

A device for manual application of protective film on the fronts of panel piles must be provided. In addition, the unit should be able to stop the pile after lowering it from the "stacker" in order to clean the pile fronts and apply the protective film.

Systems of automatic, electrical, and electronic control for the entire reception section according to the Supplier's solutions.

Hydraulic and pneumatic equipment for the reception section according to the Supplier's solutions.

Security set for the reception section according to the Supplier's solutions.

System of electrical and electronic control for the whole reception section.

Gór-Stal is currently using the tank park existing in the factory in Gorlice for the production of sandwich panels with the PIR core. A bid for equipment for devices delivering the material from the existing tank park to the location of the feeding table and foaming portal should be submitted. Approx. 80 m should be taken as the distance, considering a curve on the way to the newly designed process line. The detailed guidelines in this regard shall be determined on the basis of the specification provided by the Contracting Entity at the request of the Bidder.

The tank park consists of:

- 5 Polyol tanks;
- 6 isocyanate tanks;
- 1 TCCP tank;
- 1 pentane tank.

An independent system of electronic control for the storage section of Polyol, Isocyanate and Pentane should be provided.

When designing the supply system for the chemical material to the process line, the design must take into account the insertion of 2 intermediate working tanks for polyol with mechanical stirrers together with the connection from the TCCP tank.

Concerning all of the above sections, the Supplier shall present the brands of the used equipment (engines, pump, controllers, etc.), which will be the basis to estimate the quality of the used equipment.

9. The detailed conditions of cooperation and payment have been settled in the standard agreement -

The Contracting Entity the submission of partial bids.

III.

The task involves the construction work related to the creation of production and storage space, in whole intended for the needs of the process line for the production of new types of sandwich panels i.e. panels with skin sheet of galvanized steel sheet filled with the new PIR foam core which shall be produced using innovative Polyol containing up to 50% of terephthalic acid and primer glue on the basis of terephthalic acid.

IV.

1. The closing date for the performance of subject of the procurement was set as 31.01.2019.

V.

42990000-2 Miscellaneous special-purpose machinery,
51540000-9 Installation services of special-purpose machinery and equipment.

VI.

The bid shall be drawn up in a single copy on a form which is attached to this request for quotation as

The bid shall be in accordance with the description of the subject of the procurement.

The bid shall be signed by a person authorized to represent the Contractor in accordance with the form of representation referred to in the court register or other document, appropriate for the particular form of organizational structure of the Bidder or by a person authorized by the person entitled, and the power of attorney must be annexed to the bid.

The Contractor shall draw a quotation on the bid form.

The Contractor shall attach the layout of the complete line (matching Contractor's production factory hall's dimensions and parameters) to the bid form with the references to the items of the bid. Contractor's factory hall building documentation shall be available to Bidders on their request.

Description and specifications of all offered components.

If necessary, the Applicant reserves the right to request the Bidder to come in person to the Applicant to supplement or clarify the bid.

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- The Bidder's full name, address or registered office, phone number;
 - the date of issue,
 - the flat fee for the performance of the service in the net/gross/ amount (in PLN);
 - the duration of the warranty for the subject of the procurement (number of months);
 - the implementation deadline of the procurement;
 - refer to the Request for Quotation number;
 - the annexes and the documents showing compliance with the criterion.

Incomplete bids and bids received after the expiry of the deadline in this Request for Quotation shall not be considered.

Each Contractor may submit only one bid.

The Contracting Entity corrects a tender in terms of:

- obvious typographical errors,
- obvious arithmetical errors, taking into account the arithmetical consequences of made corrections,
- other errors of non-compliance with the specification of relevant terms and conditions of the procurement of no or little significance to the content of the bid,
- immediately notifying the Contractor whose bid has been corrected.

VII.

1. The Contracting Entity shall reject the bid if:

- its content is incompatible with the subject of the procurement;
- its submission is an act of unfair competition as defined in the provisions of unfair competition;
- it contains an abnormally low price in relation to the subject of the procurement;
- it has been submitted by the Contractor excluded from the participation in the procedure for the award of the procurement;
- the bid has been signed by a person who is not authorized to represent the Contractor in accordance with the form of representation referred to in the court register or other document, appropriate for the particular form of organizational structure of the Bidder or by a person authorized by the person entitled, and the power of attorney must be annexed to the bid.
- it contains errors in the calculation of the price
- the Contractor within 3 days from the receipt of the notification has not agreed to the correction of the errors, referred to in Art. 87 (2) (3) of the law of procurement law.
- it is void on the basis of separate provisions.

VIII.

1. The Contractor who intends to participate shall meet the following conditions:

- A. be in the economic and financial situation which ensures the performance of the subject of the procurement;
- The condition with regard to the financial situation is satisfied, if the Contractor demonstrates that he is insured from liability in respect of his business activity related to the subject of the procurement for an amount not less than Euro 5 000 000 and the insurance protection in this respect will include the date of conclusion

of the Agreement and for at least three years from the date of signing of the Final Report by the Contracting Entity.

- The condition with regard to the financial situation is satisfied if the

2. The length of the warranty period is the quantity in whole months in which the subject of the procedure is under warranty. The minimum required warranty period is 12 months.
3. The Contractor is obliged to provide the contractual price (flat fee), which shall meet all the requirements of the Request for Quotation and include all the costs incurred by the Contractor for due performance of the subject of the procurement in accordance with the applicable provisions. In determining the contractual price, the rate of tax on goods and services shall be applicable.
4. The contractual price indicated in the bid for the performance of the services covered by the subject of the procurement is fixed for the duration of the implementation of the procurement.
5. The evaluation of bids shall be carried out according to the following rules:

where:

C min - lowest gross Price for the service of the bids that were not rejected
C n - gross Price for the service of the evaluated bid
where 1 % = 1 point

where:

Go - length of the warranty period of the evaluated bid (in months),
Gmax - longest warranty period proposed in the bids that were not rejected
where 1% means 1 point

where:

T min - shortest implementation time limit of the bids that were not rejected
T n - time limit for the implementation of the evaluated bid
where 1%=1 point

$$O = C + G + T$$

where:

O - final score of the bid
C - the point value obtained by the evaluated bid for the criterion of price,
G - the point value obtained by the evaluated bid for the criterion of warranty,
T - the point value obtained by the evaluated bid for the criterion of implementation date

If the most advantageous bid cannot be selected due to the fact that two or more bids show the same balance of price and other criteria for the bid evaluation, the Contracting Entity shall select a bid with a lower price.

X.

1. The bid shall be prepared on the bids form which is _____ to this Request for Quotation. Bids in response to the request shall be submitted electronically in the form of a scan signed by the Bidder to the e-mail address: tadeusz.jurczak@gor-stal.pl or in a paper form sent to the address: Gór – Stal Sp. z o.o., ul. Przemysłowa 11, 38-300 Gorlice.
2. The deadline for the submission of the bids:

XI.

Tadeusz Jurczak and Mirosław Stokłosa were designated to contact the Bidders in matters of formal and substantive nature concerning the procedure e-mail contact tadeusz.jurczak@gor-stal.pl, miroslaw.stoklosa@gor-stal.pl

XII.

Contractors/Bidders shall be excluded from the participation in the procedure if:

- They have a personal or capital ties with the Contracting Entity Gór – Stal Sp. z o.o., ul. Przemysłowa 11, 38-300 Gorlice. The capital or personal ties are understood as interactions between the Beneficiary or persons authorized to enter into commitments on behalf of the Beneficiary, or persons performing activities related to the preparation and implementation of the procedure of selecting the Contractor on behalf of the Beneficiary and the Contractor, in particular through:
 - ✓ participation in the company as a partner of a civil law partnership or another partnership,
 - ✓ possessing at least 5% of shares, unless a lower threshold is not legally defined or has not been defined by the Managing Authority (MA) in the programme guidelines,
 - ✓ acting as a member of the supervisory or management board, proxy, or attorney,
 - ✓ remaining in a marriage relationship, in a family relationship or affinity in a straight line, relationship or affinity in the collateral line to the second degree, or in a relationship of adoption, guardianship or custody.In order to confirm the compliance with the above mentioned condition the Contractors shall submit the completed _____ this bid.
- They do not comply with the conditions for participation in the procedure listed in the Request for Quotation No. 6/2017 or have not attached the necessary documents proving the compliance of the above mentioned conditions.
- The bid includes significant errors in the calculation of the price.
- They submit their bid after the deadline.

XIII.

1. The winning bids shall be selected immediately after the deadline for submitting bids.
2. The bid validity period of _____ shall start with the expiry of the deadline for submitting bids.

3. The Contractor himself or at the request of the Contracting Entity may extend the bid validity period, however, the Contracting Entity may only once, at least 3 days before the expiry of the bid validity period, ask the Contractors to agree to an extension of the period by the limited period, but not longer than 60 days.
4. The Contracting Entity reserves the right to withdraw from the Agreement with the successful Bidder throughout the whole bid validity period.
5. The Contracting Entity shall draw up a written report of the bid selection.
6. After the selection of the bid, the Contracting Entity shall inform the Bidders involved in the tender procedure of the results via the website: [Http://www.gor-stal.pl](http://www.gor-stal.pl) and website PARP [Https://www.parp.gov.pl/](https://www.parp.gov.pl/).
7. After the selection of the bid, the Contracting Entity shall inform the successful Bidder of the date of signing of the Agreement.
8. If the successful Bidder refrains from the conclusion of the Agreement, the Contracting Party may reject the bid of this Bidder and select the best bid from the remaining bids without re-evaluating them.
9. The procedure is carried out in keeping with the principles of fair competition, efficiency, openness and transparency.
10. The procedure is carried out in Polish.
11. Bidders are not entitled to remedies (protest, appeal, complaint) referred to in the provisions of the public procurement law.

XIV.

1. The Contracting Entity reserves the right to change the content of the Request for Quotation. If the changes may influence the content of the submitted bids, the Contracting Entity shall extend the deadline for submission of the bids via the website. Made changes will be presented on the website and [Http://www.gor-stal.pl](http://www.gor-stal.pl) [Https://www.parp.gov.pl/](https://www.parp.gov.pl/).
2. The Contracting Entity reserves the right to cancel this procedure without any justification and not to select any bid.