



Appendix 2 to the Contract Awarding Regulations

Dąbrowa Górnicza, on 23.04.2018

REQUEST FOR REQUEST FOR QUOTATION no. 1/ 0238 /2018

In connection with the performance of project called *"Innovative high-silicon steel with controlled low content of impurities and non-metallic inclusions of controlled morphology and appropriate level of AIN inhibitor, intended for high-quality transformer plates"* (project no. POIR.01.01.01-00-0238/17), co-financed from the European Regional Development Fund and within the Operational Programme Intelligent Development 2014-2020, sub-measure 1.1 1 (competition organised by the National Centre for Research and Development no. 2/1.1.1/2017) and in relation to the obligation to make acquisitions based on the most economically advantageous offer, while observing the principles of fair competition, effectiveness, openness and transparency, the **Company ArcelorMittal Poland S.A.** hereby makes a request for quotation for **design, manufacture and DDP delivery acc. to INCOTERMS 2010 ArcelorMittal Poland S.A., installation, assembly, testing, technical acceptance and commissioning of the VTD Vacuum Tank Degasser.**

I. BUYER:

ArcelorMittal Poland S.A.

Al. J. Piłsudskiego 92

41-308 Dąbrowa Górnicza

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hereinafter referred to as the 'Company' or the 'Buyer'.

II. MODE / PROCEDURE:

- II.1. This procedure is not subject to the provisions of the act of 29th January 2004 on Public procurement law (i.e. J.o.L. of 2017, item 1579 with further changes).
- II.2. This procedure is awarded in a mode consistent with the principle of competitiveness.
- II.3. This procedure is performed in accordance with the principle for fair competition, effectiveness, openness, transparency and equal access.
- II.4. The Buyer shall make every effort to avoid any conflict of interest understood as the absence of impartiality and objectivity.
- II.5. The present procedure shall be carried out in accordance with the Contract Awarding Regulations (hereinafter: Regulations) which is in effect at the Buyer's company.
- II.6. The Contract Awarding Regulations are available at the Buyer's headquarters (Al. J. Piłsudskiego 92 Dąbrowa Górnicza) and on the Buyer's website.
- II.7. The Buyer reserves the right to:
 - a) change the content of the request for quotation inclusive of a change of the procedure conditions;
 - b) close the procedure without the selection of any of the bids or cancellation of the procedure at any of its stages, without the indication of cause.
- II.8. The changes introduced in the request for quotation shall be communicated by the Buyer to the Bidders in each of the manners specified as a form of publication specified in the Regulations.



- II.9. The Buyer reserves itself the right to ask the Bidders at each stage of the procedure for additional information, documents or explanations. The Buyer shall contact the Bidder via electronic means specified in the content of the bid sent by the Bidder.
- II.10. The Buyer reserves itself the right to undertake negotiations with all Bidders, who submitted a bid that meets the access conditions (i.e. the conditions for participation in the procedure) specified in the content of the request for quotation. The negotiations shall be run according to the following rules:
- a. after the lapse of the bids submission deadline, the Buyer shall notify all of the Bidders, who submitted their non-rejectable bids about the possible execution of negotiations and shall invite those Bidders for negotiations, whereby the meeting dates shall be arranged individually with each Bidder.
 - b. the arrangements concerning the date of negotiations shall be run via electronic mail;
 - c. the negotiations shall solely cover those parameters which constitute the bids evaluation criteria.
 - d. the flow of the negotiations shall be documented in the form of a written report signed by the negotiation teams of the Buyer and of the Bidder.
 - e. within up to 7 days as of the day of completion of negotiations the Bidder submits a modified bid which takes into account the arrangements from negotiations. The modified bid may not contain conditions which are less beneficial than the original bid.
 - f. in case the Bidder refuses to take part in the negotiations, the negotiations fail to lead to binding arrangements or the Bidder fails to submit a modified bid, then the originally submitted Bidder's bid shall be subject to evaluation.
 - g. The Buyer shall, within up to 60 days as of submission of the last modified bid, evaluate the bids and select the Contractor whose bid is the best.
 - h. The Buyer may ask the Bidders to give their consent to an extension of the bid validity period for a period of up to 60 days.
- II.11. In case of closing of the procedure without a selection or cancellation of the procedure, the Buyer shall immediately inform the Bidders, who submitted the bids and publish a relevant information.
- II.12. This request for quotation does not oblige the Buyer to conclude an Agreement.
- II.13. **The Buyer does not allow the possibility of submitting the partial bid.**
- II.14. **The Buyer does not allow the possibility of submitting the variants bids.**
- II.15. The submission of a bid is equal to the acceptance, without reservations, of the contents of this request for quotation together with its appendices as well as the Contract Awarding Regulations.
- II.16. The Bidders are entitled to means of legal protection in the form of a protest concerning the bids evaluation which is performed in accordance with the Contract Awarding Regulations.
- II.17. The documentation related to this request for quotation (together with appendices) is prepared in the Polish and English language. In case of discrepancies in the contents of the indicated documentation, the Polish version of the bid shall be binding.



III. DESCRIPTION OF THE CONTRACT SUBJECT MATTER (TOGETHER WITH AN INDICATION OF THE CPV CODES):

Code / CPV codes¹: 42942000-1 Piece i akcesoria / 42942200-3 Piece próżniowe / 71323000-8 Usługi inżynierii projektowej w zakresie przetwarzania przemysłowego i produkcji przemysłowej

The subject-matter of the contract is to **design, manufacture, delivery (DDP acc. to INCOTERMS 2010), installation, assembly, testing, technical acceptance and commissioning of the VTD Vacuum Tank Degasser.**

Due to the fact that a full description of the subject of the contract is a company secret, the Buyer reserves the right that the full description of the Request of Quotation will be forwarded after the Bidder has sent the signed confidentiality declaration. The electronic access of the Bidders to a full content of the contract subject matter (i.e. the full version of the technical specification together its appendices) shall be granted through the Bidder who sent back a signed confidentiality declaration. The logins and access passwords shall be transmitted by the Buyer via electronic means within max. 7 days as of receiving of a signed confidentiality declaration. The confidentiality declaration must be signed by persons authorised in this respect by the Bidder in the registration document or in a power of attorney. A template of the confidentiality-declaration is included in appendix no. 3 to this request.

The date of the visual inspection shall be arranged after signing and sending of the confidentiality declaration by the bidders. Due to the fact that the bids submission deadline expires on 24th of May 2018 at 16:00 Polish time the Bidders will be entitled to perform a single visual inspection. The date of the visual inspection shall be agreed with the Bidder via electronic mail.

Deadline for contract completion max 91 weeks from the moment of signing the contract.

IV. CONDITIONS FOR AWARDING OF A CONTRACT, PARTICIPATION IN THE PROCEDURE AND DESCRIPTION OF THE BIDS EVALUATION METHOD:

- IV.1. The awarding of a contract may be pursued by the Bidders who:
- a. have the licences for execution of a certain activity or action, if the regulations impose an obligation to have such licences - a condition confirmed with a statement;
 - b. run an activity which is consistent with the description of the contract subject matter - a condition confirmed with a statement;
 - c. have the necessary knowledge and experience as well as the technical potential and people able perform the contract - a condition confirmed with a statement together with credentials -it is required to submit at least 1 credential issued by the entity for whom a system of vacuum degassing vessel system - VD - was manufactured as a General Contractor with min. heat size 70t from the last 10 years (name of the purchaser, location, value, year, description of process, system parameters, performance time);
 - d. are in a financial and economic situation which ensures the performance of the contract - condition confirmed with experience;

¹ Pursuant to the Commission Regulation (EC) no. 213/2008 of 28th November 2007 amending the Regulation (EC) no. 2195/2002 of the European Parliament and of the Council on the Common Procurement Vocabulary (CPV) and the Directives 2004/17/EC and 2004/18/EC of the European Parliament and the Council on public procurement procedures as regards the revision of the CPV



- e. are neither in a state of liquidation nor have they announced their bankruptcy; a condition confirmed with a statement;
- f. are not in arrears with the payment of public & legal fees, taxes, or premiums for social or health insurance - the Bidder shall present a declaration / certificate, that it is not in arrears with the above-mentioned payments public & legal fees ,taxes, social insurance premiums;
- g. will have third-party liability insurance policy concerning their business activity - the Bidder shall submit a declaration that within 60 days from the contract signing date it will hold a relevant third-party liability insurance policy for the value of min. 5 mln EUR for one event with the annual accumulation to 15 mln EUR. The policy shall be valid/extended for the entire contract term for the value indicated above- if applicable;
- h. were not validly sentenced for an offence committed in connection with a contract award procedure, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits - as a partner of a registered partnership, a partner or management board member of a professional partnership; a general partner of a limited partnership as well as a limited joint-stock partnership; a member of the management body of a legal person;
- i. signed the declarations in accordance with the template specified by the Buyer, which has been attached to this request, and with the purpose of receiving of a full description of the contract subject matter;
- j. signed the Work Health & Safety Agreements (within its all attachments which are integrated part of agreement) according to a template attached to the present request.

IV.2. The Buyer shall verify the compliance of the presented bid with the requirements of the description of the contract subject matter through examination of the completeness of the presented descriptions. A failure to fulfil one of the below mentioned requirements by the bidder will mean that the bid was rejected and will not be subject to further evaluation. The verification shall be performed in the form of a checklist:



Item	<p>List of criteria admitting to the next stage of bids evaluation in the procedure regarding VTD</p> <p>NOTE: All purchases, services and supplies that are subject of this request must be included and cooperate with the existing infrastructure and equipment in the Company and must meet the same technological standards. In connection with the above, the need to preserve the same technological conditions and the need to maintain unification of devices resulting from the extension of the existing infrastructure determined the records in this specification. The applied records are justified by the necessity of ensuring efficient performance of the project in question. The records do not impose on the Bidders an obligation to apply indicated solutions, but are to provide information about minimum parameters and standards only. The use of certain types of solutions shall not be obligatory, but solely exemplary. The indications with regard to the expected technical parameters as well as the indications with regard to the specified types and producers' names shall be general and refer solely to exemplary indications of equivalent products and shall not constitute the only acceptable solution. On this basis the Buyer allows for equivalent solutions.</p>	Confirmation (YES/NO)	Description of task feasibility	Remarks of the bidder! Please fill in the column	Reference to the bid: Page no.: Point no.:
1	Declaration of the Bidder on the acceptance of Health & Safety Agreement applicable in AMP				
2	Submission of at least 1 credential issued by the entity for whom a system of vacuum degassing vessel system - VD - was manufactured as a General Contractor with min. heat size 70t from the last 10 years (name of the purchaser, location, value, year, description of process, system parameters, performance time).				
3	The Bidder shall submit a declaration / certificate that it is not in arrears with the payment of public & legal receivables (taxes, social insurance premiums)				
4	The Bidder shall submit a declaration that within 60 days form the contract signing date, it shall hold a relevant third-party liability insurance policy for the value of min. 5 mln EUR for one event with the annual accumulation to 15 mln EUR. The policy shall be valid/extended for the entire contract term for the value indicated above				
5	Design and implementation of the Vacuum Tank Degasser VTD consisting of: Two stations working independently (except for a common vacuum pump) for heats 150t				
6	OB-type lances, capable of preheating the heat by min. 3 degrees Celsius per 1 minute (submerged ceramic lance)				
7	Vacuum Tank covers equipped with inner covers - splash shield (including additional thermal protection from heat radiation)				



8	Equipping each main cover with: monitoring cameras, system for the supply of ferrous alloys with vacuum locks, system for the supply of loose material, essential technological openings, guideways for supplying wire, cooling system, working platform, travelling unit, drive unit, lifting and lowering system.				
9	Equipping each main cover with a device for automatic measurement of: temperature and oxygen, hydrogen activity (before and after vacuum treatment).				
10	Equipping each main cover with a device for automatic sampling (before and after vacuum treatment).				
11	Equipping VTD system with pneumatic mail for sending samples to the existing laboratory at the Steelmaking Plant.				
12	Site plan: installation of two VTD stands, one for each bay in the area indicated in the AMP technical specification, included in the existing structures of hall and overhead cranes, installation of ferroalloys with full unloading of cars inside the Hall. Installation of new facilities for vacuum pumps, filters, water systems in the area outside the hall specified in the technical specification. In addition is necessary to implement to the project the weighting system for Ferroalloys , Isolation powder.				
13	Two six-strand wire feeding machines, one for each VTD stand along with necessary guideways and racks				
14	Efficient dedusting system comprising vacuum treatment filter				
15	Efficient system dedicated to dedusting of ferroalloys feeding line from the area where the car is unloaded to the place where ferroalloys are supplied to the ladle located in the tank, and designed for other technological operations.				
16	Cooling system – water circuits necessary for the proper operation of VTD system.				
17	Emergency pits using shared buffer zones for easy evacuation of skull				
18	Implementation of visualization software for all devices and processes along with automatic transmission of information on all performed operations to existing system operating in the Converter Plant along with a model of vacuum treatment processes				
19	Process monitoring along with registration of technological process of the entire system, including monitoring of process occurring in vacuum vessels and monitoring of the facility				
20	Vacuum generation system with the necessary fittings and associated equipment with the use of mechanical pumps.				
21	Ferroalloys feeding system with the installation of twelve tanks including the weighting system.				
22	Automatic system for unloading and dosing casting powder including the weighting system.				



23	Automatic system for steel argon blowing through 2 porous plugs situated in the ladle bottom and three transfer cars cooperating with Oxygen Converters; - on two VTD stands; and on reserve transfer car - in 16 steel teeming ladles				
24	Installation of new control desk for the operation of VTD system				
25	Design and commissioning of 16 new steel ladles for the required heat weight of 140 tonnes of steel and freeboard at least 75 cm				
26	Design, manufacture and start-up of 5 transfer cars (and 1 as a reserve) with all accompanying systems (argon stirring, electric power supply, automation)				
27	Modernisation of existing overhead cranes in the Steelmaking shop in order to adapt them to the operation of new VTD system and change of shape of CCM turret arms: changes in the working height (rope length) and installation of new longer hooks - 14pcs for 7 cranes				
28	Design and manufacture of additional equipment due to the new shape of steel ladles: new 2 sets of CCM turret arms with a complete weighing system, similar to already existing one				
29	Design and manufacture of 4 covers for off-furnace treatment				
30	Design and manufacture of 6 covers for the ladle during transport to the CCM turret				
31	Design and manufacture of covers for dryers: 5 horizontal and 5 vertical				
32	Design and execution of racks: 15 vertical and 10 horizontal				
33	Modifications of the metacon trolley designed for ladle service employees for safe and ergonomic operations of replacement of the ladle closure system, ladle nozzle and exchange of gas-permeable fittings in the ladle				
34	Design and preparation of electrical systems (including modernisation of P-72 substation, supply of two 6/0.4kV transformers, execution of two cable lines between 6kV P-72 switching station and newly designed transformers) and power systems as well control and measurement equipment				
35	List of the necessary utilities, along with the assumed consumption and parameters needed to operate the system				
36	Design and installation of the facility control system using Siemens S7 400 PLC controllers or equivalent				
37	Preparation of complete designs: - technical, - construction, - detailed (working), - as-built in full scope and for all disciplines in accordance with national and UE requirements				



38	Construction appraisals and agreements, Execution of all required designs, obtaining Building Permit and other intermediate permits in line with the requirements of the construction law, and any other permit required by Polish rules (UDT - Office of Technical Inspection, fire regulations etc.) in accordance with AMP technical specification				
39	Preparation and submission - along with the bid - of a detailed schedule broken down by weeks, taking into account max. lead time of 83 weeks from the contract signing date until the manufacture of the first heat				
40	Commissioning of new steel ladles (first 6 units), transfer cars, replacement of CCM turret arms, racks, covers, replacement of wires, hooks of cranes within max. 5 calendar days of Steelmaking shop technological downtime in Kraków.				
41	Performance of all construction/modification works involving the complete scope of the project in accordance with AMP technical specification				
42	Performance of any assembly-installation works resulting from design documentation developed by the Contractor and from possible conflicts with existing systems, structures, bridges				
43	Performance of start-ups of the system (cold and hot), trainings, bringing the system to full production capabilities.				
44	Performance of all disassembly works resulting from developed and approved by the Buyer design documentation and requirements specified in the AMP technical specification				
45	The vacuum treatment time shall permit smooth production on the CCM, assuming that casting of electrical steels: - casting time: 50 minutes; - number of heats in the sequence: 5				
46	Confirmation of capability of heat desulphurisation by VTD system to the content of S max. - 0.0020%				
47	Confirmation of obtaining carbon content by VTD system to C max. - 0.0040 % after casting on CCM.				
48	Confirmation of obtaining nitrogen content by VTD system below N2 - 0.0040 % after casting on CCM.				
49	Confirmation of obtaining hydrogen content by VTD system below H2 - 0.00015% after casting on CCM.				
50	Confirmation of obtaining oxygen content by VTD system below O2 - 0.0012 % after casting on CCM.				
51	Meeting the requirements of BAT for the dedusting system of VTD device together with associated equipment (allowable emissions: < 10 mg /Nm ³)				
52	Meeting the requirements for pressure in the vacuum vessel - 0.67 mbar (deep vacuum)				



- IV.3. The following Bidders shall be excluded from the contract awarding procedure:
1. bidders who do not meet the conditions specified under IV.1 and IV.2 of this request for quotation;
 2. bidders who over the last 3 years before initiation of the procedure caused a damage by not performing a contract or by performing it in an improper manner, whereas the said damage was not voluntarily remedied by the day of initiation of the procedure, unless the non-performance or improper performance results from circumstances for which the Bidder is not liable. Therefore the Buyer will exclude from the procedure such bidder who will jointly meet all of the following premises:
 - (1) within the last 3 years before initiation of the procedure the Bidder caused a damage by not performing a contract or by performing it in an improper manner;
 - (2) the damage was not voluntarily remedied by him until the day of initiation of the procedure;
 - (3) a contrario the non-performance or improper performance of a contract results from circumstances, for which the Bidder is liable.
 3. natural persons, who have been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
 4. registered partnerships whose partner has been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
 5. professional partnership whose partner or member of the management board has been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
 6. limited partnerships and limited joint-stock partnerships whose general partner has been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
 7. legal persons whose active member of the managing body has been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
 8. collective entities, with respect to whom a court has issued a decision prohibiting them from competing for contracts under the provisions concerning the liability of collective entities for tort under the liability to penalty;



IV.4. The Bidders with capital or personal links with the Buyer shall be excluded from the contract awarding procedure (mutual connections between the Buyer or persons authorized to enter into obligations on behalf of the Buyer or persons performing - on behalf of the Buyer - activities associated with carrying out the procedure to select the Contractor and the Bidder) - a condition confirmed with a statement.

Capital or personal links mean any mutual connections between the Contracting Party or persons authorized to enter into obligations on behalf of the Contracting Party or persons performing - on behalf of the Contracting Party - activities associated with preparation and carrying out the proceedings to select the Supplier, and the Supplier, in particular:

- participation in a company as a partner of a general partnership or a partnership,
- possession of at least 10% of shares or stock,
- performing the function of a supervisory or management authority, legal proxy or representative,
- being married, in a direct kinship or relationship, kinship of the second degree or secondary relationship of the second degree in relation to the adoption, care or guardianship.

V. BIDS EVALUATION CRITERIA TOGETHER WITH AN INFORMATION ABOUT POINT OR PERCENTAGE WEIGHTS ASSIGNED TO THE INDIVIDUAL BIDS EVALUATION CRITERIA:

V.1. The evaluation consists of two parts: the financial & trade evaluation as well as the technical evaluation.

Item	Criterion	Weight of the criterion	Evaluation method
1	C - net price	70%	$C = (C_{mn} / C_{nob}) \times 70$, where C - number of points for a price C _{mn} - lowest bid price, net C _{nob} - the examined bid price, net
2	TP - Technical parameters	30%	1) 0 - =< 75% - TP = 0 2) 75 - =< 77,5% - TP = 5 3) 77,5 - =< 80% - TP = 10 4) 80 - =< 82,5% - TP = 15 5) 82,5 - =< 85% - TP = 20 6) 85 - =< 87,5% - TP = 23 7) 87,5 - =< 90% - TP = 25 8) 90 - =< 95% - TP = 27 9) 95 - =< 100% - TP = 30

Price - weight: 70 points

1. Please specify the prices in net values (without VAT) as well as in gross values.
2. The price should be quoted in EUR.
3. Request for quotation of the price in another currency shall result in the Buyer's conversion of the price into EUR using the exchange rate tables (Table A - Average exchange rates for foreign currencies) of the National Bank of Poland as of the date specified in item VII.1 (final date for submission of offers).
4. In case of negotiations with the Bidders and submission of final bids by them, the Buyer's conversion to the EUR currency will be made using the exchange rate tables (Table



A - Average exchange rates of foreign currencies) of the National Bank of Poland as of the day specified in item 3 above.

5. Regardless of the prices quoted by the Bidder in a currency other than EUR, the currency of the contract concluded with the Bidder selected by the Buyer is EUR.

Technical parameters of a bid - weight 30 points

The evaluation will be conducted on the basis of presented descriptions specified in the offer under 4 groups indicated below

	Group	Item	Parameters	Weight of the Group	Value of Subgroups	Total Value of a Subgroup
1	Guaranteed parameters / quality	1	% S achieved content	25%	15%	100%
		2	% C achieved content		15%	
		3	% N achieved content		15%	
		4	% H achieved content		15%	
		5	% O achieved content, total		15%	
		6	Duration of VTD process for HGO steel from KT to CCM including the sequence of the CCM		15%	
		7	Liquid steel heating time		10%	
2	Equipment	1	Mechanical (25%)	60%		100%
		1.1	Vessel		4%	
		1.2	Cover		3%	
		1.3	Ceramic oxygen blowing lance		2%	
		1.4	Material feeding system including the weighting system.		4%	
		1.5	Wire feeding machinery with fittings		3%	
		1.6	Measuring system		1%	
		1.7	Vacuum system		4%	
		1.8	Argon bubbling system		4%	
		2	Dedusting system (10%)			
		2.1	Outlet duct loading at operation of all filtration fields (dry option)		4%	
		2.2	Guaranteed service life of the filter bags		2%	
		2.3	Material feeding dust extraction system		4%	
		3	Electrical (15%)			
		3.1	Standards		1.0%	
		3.2	Modernization of cells at 6 kV, P-72 substation		4.0%	
		3.3	6/0.4 kV transformers and low voltage distribution		3.0%	
		3.4	Power supply switching stations and inverters		2.0%	
		3.5	Cable tunnels, routes, ditches running from the substation to the VTD electrical operation room		2.0%	



	3.6	Lighting and earthing		1.0%	
	3.7	MV and LV feeding and control conductors		2.0%	
	4	Control, instrumentation and automation, IT (10%)			
	4.1	Application of L1 configuration in accordance with technical conditions included in technical specification		1%	
	4.2	Ensuring full functionality of automatic systems included in the technical specification.		2%	
	4.3	Use of AMP components for communication and construction of L2.		1%	
	4.4	Application of hardware architecture (AMP servers, thin client terminals) proposed by AMP.		1%	
	4.5	Application of network configuration and infrastructure agreed with GMS AMP.		1%	
	4.6	Provision of UPS uninterruptible power supply to network devices and control system.		1%	
	4.7	Delivery and guarantee of full openness of source codes. The Contractor shall transfer to AMP the rights to use and to make changes to the source codes and the licences to the software in use.		2%	
	4.8	Compliance of the remaining AMP standards concerning PA and IT and included in the "AIM Addendum to tender" as well as compliance with the criteria of acceptance of the automatics system included in the technical specification.		1%	
	5	Building and construction (10%)			
	5.1	Design/fabrication/construction as part of the complete design documentation		3.0%	
	5.2	Land survey services - measurements of the existing conditions at the investment site		0.5%	
	5.3	Geotechnical survey		0.5%	
	5.4	Anchorage		0.5%	
	5.5	Construction works for VDT system in accordance with the provisions of the AMP technical specification		6%	
	6	Utilities and system operation (10%)			
	6.1	Parameters of TOP utilities		3%	
	6.2	Details of equipment		3%	
	6.3	Electric energy consumption in kWh / tonne of vacuum treated steel		2%	
	6.4	Water consumption in m3/ tonne of vacuum treated steel		2%	
	7	Design of a Ladle and auxiliary equipment (20%)			
	7.1	Volume of the ladle		5%	
	7.2	Freeboard height		3%	



		7.3	Thickness of the ladle wall in the slag zone (mm)		0.50%	
		7.4	Thickness of the ladle wall in the metal zone (mm)		0.50%	
		7.5	Thickness of the ladle bottom (mm)		1%	
		7.6	Total ladle height (mm)		1%	
		7.7	New Transfer Cars, 5 units In accordance with the AMP technical specification		2%	
		7.8	Argon bubbling system for 16 ladles, 3 transfer cars, 2 VTD stands		2%	
		7.9	Replacement of CCM turret arms - 2 sets		2.5%	
		7.10	Stationary covers for off-furnace treatment stations		0.50%	
		7.11	Covers for ladles during transport to the CCM turret - 6 covers		0.50%	
		7.12	Covers for dryers: 5 vertical and 5 horizontal		0.50%	
		7.13	Stands for ladles: 15 vertical, 10 horizontal		0.50%	
		7.14	Replacement of 1 set of crane ropes and 14 hooks (for 7 cranes)		0.50%	
		3	Project Schedule		1	
4	Other requirements	1	Technical drawings/including technical descriptions	5%	40%	100%
		2	Delivery of spare parts required for commissioning Delivery of spare parts for the next 2 years of operation (after signing Final Acceptance Protocol) for 1% of the contract value		20%	
		3	Provision of training in operations and repairs at the premises of the Buyer's plant, at least 8 training rounds		20%	
		4	Provision of training for operators in VTD system operation at the external reference facility		20%	

V.2. Description of the manner of granting of points for the fulfilment of a given bid evaluation criterion.

Price:

Score will be calculated as a proportion of the lowest price among the submitted bids to the price from the examined bid in the procedure, multiplied by the criterion weight.

$C = (C_{mn} / C_{nob}) \times 70$ where:

C - number of points for a price

C_{mn} - lowest bid price, net

C_{nob} - net price of the examined bid

Description of the adopted method for assessing the technical parameters of the offer:

Item	Item description	Required and expected parameters	Subgroup evaluation value	Weight value of an element	Description of the adopted evaluation method
A	Guaranteed parameters / quality	25.00%			



1	% S achieved content	expected value 10 ppm, accepted value 20 ppm	15%	3.75%	S ≤ 10 ppm = 10, S > 10 to ≤ 20 ppm = 5, value above 20ppm = 0
2	% C achieved content	expected value 35 PPM, accepted value 40PPM	15%	3.75%	C ≤ 35 ppm = 10, C > 35 to ≤ 40 ppm = 5, value above 40ppm = 0
3	% N achieved content	expected value 30 PPM, accepted value 40PPM	15%	3.75%	N2 ≤ 30 ppm = 10, N2 > 30 to ≤ 40 ppm = 5, value above 40ppm = 0
4	% H achieved content	Accepted value max. 1.5 PPM	15%	3.75%	Confirmation of H value ≤ 1.5 ppm = 10, H > 1.5 PPM = 0
5	% O achieved content, total	expected value 10 PPM, accepted value 12 PPM	15%	3.75%	O2 ≤ 10 PPM = 10, O2 > 10 and ≤ 12 PPM = 5, O2 > 12 ppm = 0
6	Duration of VTD process for HGO steel from KT to CCM including the sequence of the CCM	expected time 50min, accepted time 55min	15%	3.75%	T ≤ 50min = 10, 50min < T ≤ 55min = 5, T > 55min = 0
7	Liquid steel heating time	Accepted 3 C/min, expected 6 C/min	10%	2.50%	t ≥ 6 C/min = 10, 6 C/min < t ≤ 5 C/min = 8, 5 C/min < t < = 3 C/min = 4, t < 3 C/min = 0
	Group evaluation Guaranteed parameters / Quality		100.00%	25.00%	
B	Equipment	60.00%			
1	Mechanical (25%)				



1.1	Vessel		4%	2.40%	According to AMP technical specification including emergency pit, outside the tank = 10; without emergency inside the tank = 5; without emergency pit and not according to AMP technical specification = 0
1.2	Cover	Required Splash shield, expected water cooling system	3%	1.80%	In accordance with the AMP technical specification = 10, otherwise = 0
1.3	Ceramic oxygen blowing lance		2%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
1.4	Material feeding system		4%	2.40%	In accordance with the AMP technical specification = 10, otherwise = 0
1.5	Wire feeding machinery with fittings		3%	1.80%	In accordance with the AMP technical specification = 10, otherwise = 0
1.6	Measuring system		1%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
1.7	Vacuum system		4%	2.40%	In accordance with the AMP technical specification = 10, otherwise = 0
1.8	Argon bubbling system		4%	2.40%	In accordance with the AMP technical specification = 10, otherwise = 0
2	Dedusting system (10%)				
2.1	Outlet duct loading at operation of all filtration fields (dry option)		4.00%	2.40%	Compliance with the requirements of AMP technical specification ≤ 10 mg/Nm ³ =10, dust levels above 10 mg/Nm ³ = 0
2.2	Guaranteed service life of the filter bags	Accepted 3 years, expected 5 years	2.00%	1.20%	T \geq 5 years =10, 5 < T \leq 3 years = 5, T < 3 years = 0



2.3	Material feeding dust extraction system		4.00%	2.40%	In accordance with the AMP technical specification = 10, otherwise = 0
3	Electrical (15%)				
3.1	Standards		1.00%	0.60%	Compliance with EN & IEC norms and standards and with Polish regulations = 10; Compliance with IEC & EN norms and standards = 5.
3.2	Modernization of cells at 6 kV, P-72 substation		4.00%	2.40%	In accordance with the AMP technical specification = 10, otherwise = 0
3.3	6/0.4 kV transformers and low voltage distribution		3.00%	1.80%	In accordance with the AMP technical specification = 10, otherwise = 0
3.4	Power supply switching stations and inverters		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
3.5	Cable tunnels, routes, ditches running from the substation to the VTD electrical operation room		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
3.6	Lighting and earthing		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
3.7	MV and LV feeding and control conductors		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
4	Control, instrumentation and automation, IT (10%)				
4.1	Application of L1 configuration in accordance with technical conditions included in technical specification		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
4.2	Ensuring full functionality of automatic systems included in the technical specification.		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
4.3	Use of AMP components for communication and construction of L2.		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
4.4	Application of hardware architecture (AMP servers, thin client terminals) proposed by AMP.		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
4.5	Application of network configuration and infrastructure agreed with GMS AMP.		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0



4.6	Provision of UPS uninterruptible power supply to network devices and control system.		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
4.7	Delivery and guarantee of full openness of source codes. The Contractor shall transfer to AMP the rights to use and to make changes to the source codes and the licences to the software in use.		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
4.8	Compliance of the remaining AMP standards concerning PA and IT and included in the "AIM Addendum to tender" as well as compliance with the criteria of acceptance of the automatics system included in the technical specification.		1.00%	0.60%	In accordance with the AMP technical specification = 10, otherwise = 0
5	Building and construction (10%)				
5.1	Design/fabrication/construction as part of the complete design documentation		3.00%	1.80%	In accordance with the AMP technical specification = 10, otherwise = 0
5.2	Land survey services - measurements of the existing conditions at the investment site		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
5.3	Geotechnical survey		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
5.4	Anchorage		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
5.5	Construction works for VDT system in accordance with the provisions of the AMP technical specification		5.50%	3.30%	In accordance with the AMP technical specification = 10, otherwise = 0
6	Utilities and system operation (10%)				
6.1	Parameters of TOP utilities		3.00%	1.80%	Confirmation of all parameters of utilities for all the systems in accordance with the AMP technical specification = 10, otherwise = 0



6.2	<p>Details of equipment Vacuum system consisting of gas cooler, vacuum bag filter and mechanical pumps</p> <ul style="list-style-type: none"> - Industrial water system including: recirculation, pumps, cooling towers, filtering systems etc. - Soft water system with soft water generation unit, power generating unit, pumps, heat exchangers, equalizing tank etc. - Service pipelines 		3.00%	1.80%	Confirmation of all parameters of utilities for all the systems in accordance with the AMP technical specification = 10, otherwise = 0
6.3	Electric energy consumption in kWh / tonne of vacuum treated steel		2.00%	1.20%	Lowest consumption = 10, Highest consumption = 1 Proportional loss in the values for increased energy consumption, not specified in the bid = 0
6.4	Water consumption in m ³ / tonne of vacuum treated steel		2.00%	1.20%	Lowest consumption = 10, Highest consumption = 1 Proportional loss in the values for increased energy consumption, not specified in the bid = 0
7	Design of a Ladle and auxiliary equipment (20%)				
7.1	Volume of the ladle	min 155t - normative volume without freeboard min 140t - volume with min. 75cm freeboard	5.00%	3.00%	Volume of 145t with a freeboard of 75cm = 10, 141t or more with a freeboard of 75cm = 6; 140t with a freeboard of 75cm = 2 ; below 140t = 0, Proportional loss for any deviations
7.2	Freeboard height	min. 75cm,	3.00%	1.80%	100cm = 10, 75cm = 5 ; less than 75cm = 0, Proportional loss for any deviations
7.3	Thickness of the ladle wall in the slag zone (mm)	320mm	0.50%	0.30%	320mm = 10; otherwise = 0



7.4	Thickness of the ladle wall in the metal zone (mm)	240	0.50%	0.30%	240mm = 10; otherwise = 0
7.5	Thickness of the ladle bottom (mm)	450	1.00%	0.60%	450mm = 10, otherwise = 0
7.6	Total ladle height (mm)	max. 4400 including stand	1.00%	0.60%	max 4400 = 10, otherwise = 0
7.7	New Transfer Cars, 5 units In accordance with the AMP technical specification		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
7.8	Argon bubbling system for 16 ladles, 3 transfer cars, 2 VTD stands		2.00%	1.20%	In accordance with the AMP technical specification = 10, otherwise = 0
7.9	Replacement of CCM turret arms - 2 sets		2.50%	1.50%	In accordance with the AMP technical specification = 10, otherwise = 0
7.10	Stationary covers for off-furnace treatment stations		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
7.11	Covers for ladles during transport to the CCM turret - 6 covers		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
7.12	Covers for dryers: 5 vertical and 5 horizontal		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0



7.13	Stands for ladles: 15 vertical, 10 horizontal		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
7.14	Replacement of 2 set of crane ropes (for 2 cranes) and 14 hooks for 7 cranes		0.50%	0.30%	In accordance with the AMP technical specification = 10, otherwise = 0
	Group evaluation - Equipment		100.00%	60.00%	
C	Project Schedule	10.0%			
1	Project Schedule in accordance with the AMP technical specification	max. 83 weeks until the first heat	100.0%	10.0%	t ≤ 75 weeks until the first heat = 10; 76 < t ≤ 78 weeks = 6; t = 79 weeks = 4, t > 79 weeks = 0
D	Other requirements	5.00%			
1	Technical drawings/including technical descriptions		40.00%	2.00%	In accordance with the AMP technical specification = 10, otherwise = 0
2	Delivery of spare parts required for commissioning Delivery of spare parts for the next 2 years of operation (after signing Final Acceptance Protocol) for 1% of the contract value		20.00%	1.00%	Included = 10; Not included = 0
3	Provision of training in operations and repairs at the premises of the Buyer's plant, at least 8 training rounds		20.00%	1.00%	Included = 10; Not included = 0
4	Provision of training for operators in VTD system operation at the external reference facility		20.00%	1.00%	More training hours = 10, Proportional loss in the evaluation for reduced number of training hours, not specified = 0
	Group evaluation - Other requirements		100.00%	5.00%	
	General evaluation	100.00%		100.00%	

The above table will allow you to make a summary assessment of the offered technical parameters of the offer based on the following formula:

Calculated element value [%] = received evaluation for offered parameter **[points]** x weight value of element **[%]** / **10**



An additional example of calculating one of the elements is shown below:

Sl.No	Element description	Required and expected parameters	Value of the Subgroup rating	The weight value of the element	Description of the adopted assessment method	Bidder no. 1		
						The obtained score (Scale: 1-10)	The calculated value of the element	Remarks
A	Guaranteed parameters/ Quality	25,00%						
1	% S achieved	expected value 10 ppm, accepted value 20ppm	15%	3,75%	S <= 10 ppm =10, S > 10 to <= 20 ppm = 5, more than 20ppm = 0	10	3,75%	

- after determining the total percentage value of the offered technical parameters in the submitted offer, the points will be awarded according to the following method

- 1) 0 - =< 75% - TP = 0
- 2) 75 - =< 77,5% - TP = 5
- 3) 77,5 - =< 80% - TP = 10
- 4) 80 - =< 82,5% - TP = 15
- 5) 82,5 - =< 85% - TP = 20
- 6) 85 - =< 87,5% - TP = 23
- 7) 87,5 - =< 90% - TP = 25
- 8) 90 - =< 95% - TP = 27
- 9) 95 - =< 100% - TP = 30

The total number of points granted to a given evaluated bid is the sum of points granted under individual criteria:

Final rating of the offer = C + TP

If as part of the purchase of services and supplies necessary to perform a Project, the Buyer shall select from among several bids which are most beneficial from the economic viewpoint, the Buyer shall select the bid which is better in terms of:

its impact on the environment and climate (e.g. smaller energy consumption, smaller consumption of water, use of materials from recycling etc.)

or

a bid placed by a bidder holding a valid and implemented occupational health and safety management system, quality management system, environmental management system and energy management system.

VI. INFORMATION ABOUT THE PERFORMANCE BOND REQUESTED BY THE BUYER (IF THE CUSTOMER DEMANDS SUCH BOND):

- VI.1. The Buyer reserves itself the right to demand from the Bidder, whose bid was selected, a performance bond for the Agreement, hereinafter referred to as the 'bond'.
- VI.2. The bond shall be used to cover the claims related to the non-performance or improper performance of the Agreement and as a return of advance paid to the Bidder. If the Bidder is a guarantor at the same time, the bond will also be used to cover the claims related to a quality guarantee.



- VI.3. A detailed description of the requested bonds in accordance with the provisions of the contract which constitutes an appendix to this request for quotation: The Bidder undertakes to deliver - to the Buyer, within 14 days from the contract conclusion - bank guarantees (template is attached to the contract as appendix no. 6). Failure to deliver a bank guarantee or delivery of a bank guarantee inconsistent with the Buyer's template shall authorise the BUYER to refrain from making any payments until the Bidder submits appropriate guarantee documents, and the Bidder shall not be entitled to any claims for withholding of payment.

VII. PLACE, DEADLINE AND PROCEDURE FOR SUBMISSION OF BIDS:

VII.1. **The bids must be submitted by (date) 04.06.2018 (time) 16 :00**

- VII.2. The bid (together with its appendices) must be prepared in the Polish and English language. In case of discrepancies in the contents of the submitted bid, the Polish version of the bid shall be binding. **The name and number of the Request for quotation specified on the first page of this enquiry should be indicated on the envelope and/or in the subject of an e-mail.**
- VII.3. The bid should be signed by people authorized to represent the Bidder pursuant to a registration document or pursuant to a power of attorney.
- VII.4. The bids should be submitted by email (capex-publictenders@arcelormittal.com and urszula.kowalska@arcelormittal.com) or by regular mail / courier service / in person (address: Al. J. Piłsudskiego 92; Dąbrowa Górnicza, POLAND). The bid should be addressed to Mrs. Urszula Kowalska, EPO Department] with a note "Request for Quotation no 1/0238/2018."
- VII.5. The bids submission date shall be the day on which it reaches the Buyer's headquarters or reaches the e-mail address specified in the request.
- VII.6. Bids received after the deadline will not be evaluated.
- VII.7. The Bidder may ask the Buyer to explain the content of the request for quotation. The Buyer shall provide explanations if the request was submitted to the Buyer not later than 3 working days (working days: days from Monday 8:00 a.m. until Friday 3:30 p.m. with exclusion of the national public holidays), before the lapse of the bids submission deadline. In case of contracts with an at least 30-day long deadline for the submission of bids, the questions of the Bidders may be submitted not later than within 7 working days before the lapse of the bids submission deadline. The content of the questions with explanations of the Buyer is published in the same way in which the request for quotation was published.
- VII.8. The Bidders are entitled to ask questions concerning the content of the contract attached to the request for quotation. The questions should be addressed to the email address: urszula.kowalska@arcelormittal.com and Malgorzata.Piwowarczyk@arcelormittal.com no later than 7 working days before the deadline for submission of offers. The questions must include reference to a specific item of the contract.
- VII.9. The Bidders are entitled to ask questions concerning the content of the contract attached to the request for quotation A persons authorised to contact the Bidders **for technical matters** are:
Mr Jarosław Kuna - Jaroslaw.Kuna@arcelormittal.com
Mr Krzysztof Dziewoński - krzysztof.dziewonski@arcelormittal.com
Mr Wojciech Fraś - Wojciech.Fras@arcelormittal.com

For commercial matters authorised persons are:

Mrs Urszula Kowalska - urszula.kowalska@arcelormittal.com

Mrs Małgorzata Piwowarczyk - Malgorzata.Piwowarczyk@arcelormittal.com



- VII.10. The costs related to preparation of a bid shall be incurred by a Bidder.
- VII.11. The bid must be prepared in accordance with the form which is included in appendix no. 1 to this request for quotation.
- VII.12. During the evaluation of bids the Buyer may request from the Bidders the provision of explanations and supplements to the content of their submitted bids.
- VII.13. The information about the need to supplement the submitted bid (including: the scope of the required supplements as well as the deadline and manner for their submission) shall be submitted by electronic mail.
- VII.14. In case of the Bidders' failure to deliver the certificates or declarations confirming the fulfilment of the conditions for participation in a contract awarding procedure, the Suppliers Selection Committee may specify an additional deadline for their submission.
- VII.15. The bid must be accompanied by:
- Declarations that confirm the meeting of the contract-related conditions specified under point IV.1., IV.3. and IV.4. of this request for quotation;
 - A signed confidentiality declaration;
 - A signed Work Health & Safety Agreement;
 - The Bidder's registration document or his power of attorney

VIII. BID VALIDITY PERIOD:

The bid should contain its binding validity period (at least 120 days as of the day of its submission).

The Buyer may ask the Bidders to give their consent to an extension of the bid validity period for a period of up to 60 days.

IX. ADDITIONAL INFORMATION

- IX.1. Place, deadline and rules for receiving of detailed documents if they constitute an element of the request for quotation: In accordance with point III of the request for quotation.
- IX.2. Conditions and deadline for any possible supplementing of bids by the Bidders: In accordance with point VII.13, VII.14 and VII.15 of the request for quotation.
- IX.3. The Buyer reserves himself the right to change the conditions of the Agreement which was concluded as a result of the present contract. The changes may refer to:
- the term of the Agreement resulting e.g. from extension in project execution;
 - the volume of the contract. The increase in the volume of the contract shall not exceed 50% of the value of the awarded contract specified in the concluded Agreement.
 - Changes indicated in item 8 of the Contract (i.e. Conditions for Changes to the Contract) attached hereto;

.....
(Company stamp, stamp and signature of a representative)



APPENDICES:

1. Bid form together with factual description concerning the method of execution of the contract subject matter and declarations confirming the fulfilment of the conditions from point IV.1, IV.3 and IV.4 of the request for quotation no. 1/ 0238 / 2018 of (date) 23.04.2018,
2. Technical specification;
3. Confidentiality declaration.
4. Work Health & Safety Agreement,
5. Template of Agreement on execution of the contract subject matter.



APPENDIX NO. 1 TO THE REQUEST FOR QUOTATION no. 1/ 0238 / 2018 of 23.04.2018

BID FORM

The bid constitutes a reply to the request for quotation no. 1/ 0238 / 2018 dated 23.04.2018 concerning **design, manufacture and delivery (DDP acc. to INCOTERMS 2010), installation, assembly, testing, technical acceptance and commissioning of the VTD Vacuum Tank Degasser.**

1. Data of the bidder:

- a. Name:
- b. Address of the registered office:
- c. Taxpayer ID No. (NIP):
- d. Business Entity ID No. (REGON):
- e. Person authorized to contact the Buyer:
name and surname:
Phone:
e-mail address:

2. I offer the execution of the contract subject matter at the following price:

	PRICE	CURRENCY	IN WORDS
TOTAL NET VALUE			
VAT VALUE (... %)			
GROSS VALUE			

BUYER'S INFORMATION:

Please specify the prices in net values (without VAT) as well as in gross values. The price should be quoted in EUR. Request for quotation of the price in another currency shall result in the Buyer's conversion of the price into EUR using the exchange rate tables (Table A - Average exchange rates for foreign currencies) of the National Bank of Poland as of the date specified in item VII.1 (final date for submission of offers). In case of negotiations with the Bidders and submission of final bids by them, the Buyer's conversion to the EUR currency will be made using the exchange rate tables (Table A - Average exchange rates of foreign currencies) of the National Bank of Poland as of the day specified in item 3 above. Regardless of the prices quoted by the Bidder in a currency other than EUR, the currency of the contract concluded with the Bidder selected by the Buyer is EUR.

All elements of the price offer should be broken down by groups and supplemented in detail in the table below.

Pos.	ITEMS	Weight	Quantity	Price	Currency
1	Engineering				
2	Vacuum Degasser				
2.1.	Vacuum Degasser Vessel-Tank, membrane in tank bottom, support structures -complete system				



2.2.	Vacuum Degasser Cover				
2.3.	Heat Shield				
2.4.	Splash Shield				
2.5.	Refractory (without ladles)				
2.6.	Vacuum Cover Car/Other arrangement like platform, structure-Full system				
2.7.	Vacuum Shut off valve				
2.8.	Vacuum Suction Line - Complete system with flanges etc				
2.9.	Fumes duct system				
2.10.	Bag Filter- complete system				
2.11.	Vacuum Pumps system - All stages and complete system including filters, interconnecting ducting, valves, compensator, exhaust pipes, broken bag detector, electrical & automation items etc.				
2.12.	Auxiliary system- Coupling, wire feeder, automatic measuring and sample, Hydrogen measuring etc.				
2.13.	Service System- Hydraulic Unit with piping, Nitrogen system, compressed air system, VD cooling system complete, stirring system				
2.14.	Oxygen ceramic lance complete system, oxygen flow control, lance movement control, platform, hoses ,electrical ...				
17	Material Feeding System				
17.1	Silos				
17.2	Vibro feeders				
17.3	Weighing system				
18	Electrical & Automation system				
18.1	Motors, Cables & other items				
18.2	Power Distribution ,MCC ...				
18.3	Automation				
18.4	Operating & monitoring system				
18.5	UPS				
18.6	Earthing system				
18.7	Auxiliary systems like, heating, ventilation, air conditioning, lighting, Gas leak detection etc..				
18.8	Level 2				
18.9	Any other items to complete the system				
19	Civil & Structural				
19.1	General Steel Structure				
19.2	Operating Platforms				
19.3	Concrete				
19.4	Reinforcement steel				



19.5	Piping				
20	Water Treatment Plant				
21	Utilities & Services				
22	Ladle covers				
23	Modifications of existing facilities : ladle turret, 2 sets of crane ropes for 2 gantry crane, 14 hooks on 7 gantry cranes, stands replacement, vertical & horizontal covers for preheaters)				
24	New ladle cars				
25	Erection				
26	Supervision for civil & erection				
27	Supervision for commissioning				
28	Training				
29	Spare Parts				
29.1	Operating Spares				
29.2	Commissioning spares				
29.3	2 year spares for guaranteed period				
30	Building permit, environmental report, approvals, obtaining all administrative decisions, including the permit to use, transferring the required certificates, etc certificates, etc.				
	Total				

3. I confirm to have acquainted myself with the request for quotation together with its appendices and I do not raise any objections to it.
4. The bid is valid for 120 days as of its submission date.
5. Term of payment: in accordance with the draft contract.
6. I acknowledge that if I attest an untruth the bid shall be rejected.
7. I acknowledge that if the Buyer receives extra funding, which shall cover the contract subject matter specified in the request for quotation no. 1/ 0238 /2018 of 23.04.2018r. , the request for quotation together with its appendices shall be visualised in accordance with the binding regulations in respect of promotion as at the day of signing of the agreement for co - funding.
8. Table of technical and technological requirements:



Item	<p>List of criteria admitting to the next stage of bids evaluation in the procedure regarding VTD</p> <p>NOTE: All purchases, services and supplies that are subject of this request must be included and cooperate with the existing infrastructure and equipment in the Company and must meet the same technological standards. In connection with the above, the need to preserve the same technological conditions and the need to maintain unification of devices resulting from the extension of the existing infrastructure determined the records in this specification. The applied records are justified by the necessity of ensuring efficient performance of the project in question. The records do not impose on the Bidders an obligation to apply indicated solutions, but are to provide information about minimum parameters and standards only. The use of certain types of solutions shall not be obligatory, but solely exemplary. The indications with regard to the expected technical parameters as well as the indications with regard to the specified types and producers' names shall be general and refer solely to exemplary indications of equivalent products and shall not constitute the only acceptable solution. On this basis the Buyer allows for equivalent solutions.</p>	Confirmation (YES/NO)	<p>Description of task feasibility</p> <p>The information contained in the table below shall constitute a basis for evaluation, by the Buyer, of the fulfilment, by the Bidder, of the specified technical and technological requirements.</p>	Remarks of the bidder! Please fill in the column	Reference to the bid: Page no.: Point no.:
1	Declaration of the Bidder on the acceptance of Health & Safety Agreement applicable in AMP				
2	Submission of at least 1 credential issued by the entity for whom a system of vacuum degassing vessel system - VD - was manufactured as a General Contractor with min. heat size 70t from the last 10 years (name of the purchaser, location, value, year, description of process, system parameters, performance time).				
3	The Bidder shall submit a declaration / certificate that it is not in arrears with the payment of public & legal receivables (taxes, social insurance premiums)				
4	The Bidder shall submit a declaration that within 60 days form the contract signing date, it shall hold a relevant third-party liability insurance policy for the value of min. 5 mln EUR for one event with the annual accumulation to 15 mln EUR. The policy shall be valid/extended for the entire contract term for the value indicated above				
5	Design and implementation of the Vacuum Tank Degasser VTD consisting of: Two stations working independently (except for a common vacuum pump) for heats 150t				
6	OB-type lances, capable of preheating the heat by min. 3 degrees Celsius per 1 minute (submerged ceramic lance)				
7	Vacuum Tank covers equipped with inner covers - splash shield (including additional thermal protection from heat radiation)				



8	Equipping each main cover with: monitoring cameras, system for the supply of ferrous alloys with vacuum locks, system for the supply of loose material, essential technological openings, guideways for supplying wire, cooling system, working platform, travelling unit, drive unit, lifting and lowering system.				
9	Equipping each main cover with a device for automatic measurement of: temperature and oxygen, hydrogen activity (before and after vacuum treatment).				
10	Equipping each main cover with a device for automatic sampling (before and after vacuum treatment).				
11	Equipping VTD system with pneumatic mail for sending samples to the existing laboratory at the Steelmaking Plant.				
12	Site plan: installation of two VTD stands, one for each bay in the area indicated in the AMP technical specification, included in the existing structures of hall and overhead cranes, installation of ferroalloys with full unloading of cars inside the Hall. Installation of new facilities for vacuum pumps, filters, water systems in the area outside the hall specified in the technical specification. In addition is necessary to implement to the project the weighting system for Ferroalloys , Isolation powder.				
13	Two six-strand wire feeding machines, one for each VTD stand along with necessary guideways and racks				
14	Efficient dedusting system comprising vacuum treatment filter				
15	Efficient system dedicated to dedusting of ferroalloys feeding line from the area where the car is unloaded to the place where ferroalloys are supplied to the ladle located in the tank, and designed for other technological operations.				
16	Cooling system – water circuits necessary for the proper operation of VTD system.				
17	Emergency pits using shared buffer zones for easy evacuation of skull				
18	Implementation of visualization software for all devices and processes along with automatic transmission of information on all performed operations to existing system operating in the Converter Plant along with a model of vacuum treatment processes				
19	Process monitoring along with registration of technological process of the entire system, including monitoring of process occurring in vacuum vessels and monitoring of the facility				
20	Vacuum generation system with the necessary fittings and associated equipment with the use of mechanical pumps.				
21	Ferroalloys feeding system with the installation of twelve tanks including the weighting system.				
22	Automatic system for unloading and dosing casting powder including the weighting system.				



23	Automatic system for steel argon blowing through 2 porous plugs situated in the ladle bottom and three transfer cars cooperating with Oxygen Converters; - on two VTD stands; and on reserve transfer car - in 16 steel teeming ladles				
24	Installation of new control desk for the operation of VTD system				
25	Design and commissioning of 16 new steel ladles for the required heat weight of 140 tonnes of steel and freeboard at least 75 cm				
26	Design, manufacture and start-up of 5 transfer cars (and 1 as a reserve) with all accompanying systems (argon stirring, electric power supply, automation)				
27	Modernisation of existing overhead cranes in the Steelmaking shop in order to adapt them to the operation of new VTD system and change of shape of CCM turret arms: changes in the working height (rope length) and installation of new longer hooks - 14pcs for 7 cranes				
28	Design and manufacture of additional equipment due to the new shape of steel ladles: new 2 sets of CCM turret arms with a complete weighing system, similar to already existing one				
29	Design and manufacture of 4 covers for off-furnace treatment				
30	Design and manufacture of 6 covers for the ladle during transport to the CCM turret				
31	Design and manufacture of covers for dryers: 5 horizontal and 5 vertical				
32	Design and execution of racks: 15 vertical and 10 horizontal				
33	Modifications of the metacon trolley designed for ladle service employees for safe and ergonomic operations of replacement of the ladle closure system, ladle nozzle and exchange of gas-permeable fittings in the ladle				
34	Design and preparation of electrical systems (including modernisation of P-72 substation, supply of two 6/0.4kV transformers, execution of two cable lines between 6kV P-72 switching station and newly designed transformers) and power systems as well control and measurement equipment				
35	List of the necessary utilities, along with the assumed consumption and parameters needed to operate the system				
36	Design and installation of the facility control system using Siemens S7 400 PLC controllers or equivalent				
37	Preparation of complete designs: - technical, - construction, - detailed (working), - as-built in full scope and for all disciplines in accordance with national and UE requirements				



38	Construction appraisals and agreements, Execution of all required designs, obtaining Building Permit and other intermediate permits in line with the requirements of the construction law, and any other permit required by Polish rules (UDT - Office of Technical Inspection, fire regulations etc.) in accordance with AMP technical specification				
39	Preparation and submission - along with the bid - of a detailed schedule broken down by weeks, taking into account max. lead time of 83 weeks from the contract signing date until the manufacture of the first heat				
40	Commissioning of new steel ladles (first 6 units), transfer cars, replacement of CCM turret arms, racks, covers, replacement of wires, hooks of cranes within max. 5 calendar days of Steelmaking shop technological downtime in Kraków.				
41	Performance of all construction/modification works involving the complete scope of the project in accordance with AMP technical specification				
42	Performance of any assembly-installation works resulting from design documentation developed by the Contractor and from possible conflicts with existing systems, structures, bridges				
43	Performance of start-ups of the system (cold and hot), trainings, bringing the system to full production capabilities.				
44	Performance of all disassembly works resulting from developed and approved by the Buyer design documentation and requirements specified in the AMP technical specification				
45	The vacuum treatment time shall permit smooth production on the CCM, assuming that casting of electrical steels: - casting time: 50 minutes; - number of heats in the sequence: 5				
46	Confirmation of capability of heat desulphurisation by VTD system to the content of S max. - 0.0020%				
47	Confirmation of obtaining carbon content by VTD system to C max. - 0.0040 % after casting on CCM.				
48	Confirmation of obtaining nitrogen content by VTD system below N2 - 0.0040 % after casting on CCM.				
49	Confirmation of obtaining hydrogen content by VTD system below H2 - 0.00015% after casting on CCM.				
50	Confirmation of obtaining oxygen content by VTD system below O2 - 0.0012 % after casting on CCM.				
51	Meeting the requirements of BAT for the dedusting system of VTD device together with associated equipment (allowable emissions: < 10 mg /Nm ³)				
52	Meeting the requirements for pressure in the vacuum vessel - 0.67 mbar (deep vacuum)				



APPENDICES TO THE BID:

1. Declaration confirming the fulfilment of the conditions from point IV.1 of the request for quotation no. 1/ 0238 / 2018 of 23.04.2018r.,
2. Declaration confirming the fulfilment of the conditions from point IV.3 of the request for quotation no. 1/ 0238 / 2018 of 23.04.2018r.
3. Declaration confirming the fulfilment of the conditions from point IV.4 of the request for quotation no. 1/ 0238 / 2018 of 23.04.2018r.
4. Factual description concerning the method of execution of the contract subject matter

..... (date)

.....
Company stamp, stamp and signature of a representative



APPENDIX NO. 1 TO THE BID FORM

REFERS TO THE REQUEST FOR QUOTATION NO. **1 / 0238 / 2018** OF 23.04.2018

DECLARATION CERTIFYING THE FULFILMENT OF CONDITIONS FROM POINT **IV.1** OF THE
REQUEST FOR QUOTATION

I hereby declare that the Bidder
(name and address of the registered office) meets the following conditions:

1. It has the licences necessary to perform a defined activity or action, if such licences are required by law.
2. It runs its business in accordance with a description of the contract subject matter.
3. It has the necessary knowledge and experience as well as technical capacity and persons able to execute the contract.
4. Its economic and financial position allows for execution of the contract.
5. It is neither in a state of liquidation nor has it declared its bankruptcy.
6. It is not in arrears with payment of public & legal fees, taxes, or social and health insurance premiums.
7. were not validly sentenced, for an offence committed in connection with a contract award procedure, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits - as a partner of a registered partnership, a partner or management board member of a professional partnership; a general partner of a limited partnership as well as a limited joint-stock partnership; a member of the management body of a legal person.
8. The Bidder declares to submit to the Buyer, within 14 days from signing the contract, a bank guarantee required by Appendix 3 ("Payment Terms") to the contract, as per the templates indicated in the Appendix 6.

.....
Place and date

.....
*Company stamp, stamp and signature of a representative**

* Signature of a person or persons entered in registers to incur obligations on behalf of the Bidder or in a proper authorization.



APPENDIX NO. 2 TO THE BID FORM

REFERS TO THE REQUEST FOR QUOTAION NO. 1/ 0238 / 2018 OF 23.04.2018

DECLARATION CERTIFYING THE FULFILMENT OF CONDITIONS FROM POINT **IV.3** OF THE
REQUEST FOR QUOTATION

On behalf of the Company (Bidders name) I hereby declare that:

1. over the last 3 years before initiation of the procedure I have not caused a damage by not performing a contract or by performing it in an improper manner, whereas the said damage was not voluntarily remedied by the day of initiation of the procedure, unless the non-performance or improper performance results from circumstances for which the Bidder is not liable. The above shall mean that there was no joint occurrence of the following three conditions:
 - (1) within the last 3 years before initiation of the procedure the Bidder caused a damage by not performing a contract or by performing it in an improper manner;
 - (2) the damage was not voluntarily remedied by Bidder until the day of initiation of the procedure;
 - (3) a contrario the non-performance or improper performance of a contract results from circumstances, for which the Bidder is liable.
2. In case the Bidder is a natural persons – I have not been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
3. In case the Bidder is a registered partnerships – as a partner I have not been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
4. In case the Bidder is a professional partnership – as a partner or member of the management board I have not been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
5. In case the Bidder is a limited partnerships and limited joint-stock partnerships – as a general partner I have not been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;
6. In case the Bidder is a legal person – as an active member of the managing body I have not been validly sentenced for an offence committed in connection with a contract award procedure, offence against the rights of people performing paid work, offence against the environment, for



bribery, for an offence against economic turnover or for any other offence committed with the aim of gaining financial profits, as well as for treasury offence or an offence of participation in organized crime group or in an union aimed at committing an offence or treasury offence;

7. In case the Bidder is collective entities – the court has not issued a decision prohibiting from competing for contracts under the provisions concerning the liability of collective entities for tort under the liability to penalty;

.....
Place and date

.....
*Company stamp, stamp and signature of a representative **

- * Signature of a person or persons entered in registers to incur obligations on behalf of the Bidder or in a proper authorization.

APPENDIX NO. 3 TO THE BID FORM

REFERS TO THE REQUEST FOR QUOTAION NO. 1/ 0238 / 2018 OF 23.04.2018



STATEMENT
OF NO CAPITAL OR PERSONAL LINKS WITH THE CONTRACTING PARTY
CERTIFYING THE FULFILMENT OF CONDITIONS FROM POINT **IV.4** OF THE REQUEST FOR
QUOTATION

I, the undersigned confirm the absence of capital or personal relations between (name and address of the registered office) and the Buyer.

Capital or personal links mean any mutual connections between the Contracting Party or persons authorized to enter into obligations on behalf of the Contracting Party or persons performing - on behalf of the Contracting Party - activities associated with preparation and carrying out the proceedings to select the Supplier, and the Supplier, in particular:

- a) participation in a company as a partner of a general partnership or a partnership,
- b) holding of at least 10% of stocks or shares,
- c) holding the function of a member of a supervisory or managing body, proxy, authorised representative,
- d) being joined in matrimony, related through kinship or direct affinity, secondary kinship or affinity up to the second degree, or linked through adoption, care or custody.

.....
Place and date

.....
* *Company stamp, stamp and signature of a representative*

* Signature of a person or persons entered in registers to incur obligations on behalf of the Bidder or in a proper authorization.