

Annex 1 to the request for quotation no. 2/NFOŚ/2020– OFFER FORM

.....
Date of the offer

.....
Bidder's stamp

OFFER no

This offer is the answer to the request for quotation 2 / NFOŚ / 2020 of 1.07.2020. and concerns the implementation of tasks under the project entitled: "Construction of a new installation for the recycling of plastic packaging waste in Grabowo."

The object of order:

A technological line consisting of 3 basic elements, i.e. a pre-comminution system, a washing and drying system, an extrusion system, and a filtration and water treatment system.

Purchaser's data:

GRABPLAST Spółka z ograniczoną odpowiedzialnością

Grabowo 113, 14-229 Rożental

Tax identification Number NIP: 744-182-23-38, www.grabplast.pl

The undersigned
(name of the person (s) authorized to be represented)

acting on behalf of and for:

Full name of the company making the offer	
Bidder's registered office address	
Tax identification number or national identification number	

Scope of subject of the order:

1. The technological line consisting of 3 basic elements, or at least one complete element indicated in Chapter II point 3 RFQs.
2. Documentation confirming the compliance of the subject of the contract with applicable law for machines and devices, in particular the CE declaration.
3. Complete documentation of the so-called technical and operational, in particular the instruction manual in Polish.
4. Delivery of the system to the place of project implementation.
5. Installation at the project site.
6. Technical start-up of the technological line or a given element.
7. Conducting a technological test confirming the compliance of key functional parameters.

- 8. Conducting training for Purchaser's employees.
- 9. If foundations are necessary, the supplier will be required to provide and deliver equipment and construction drawings for the foundations.
- 10. Automation control system for the entire technological line

II Subject of the offer:

No.	NAME	PROPOSED NET PRICE*
1	Element 1: Technological system for comminution, washing and drying	
2	Element 2: Technological system for extrusion of regranulate, including refreshing of produced pellets	
3	Element 3: Water filtration, treatment and cooling system	
TOTAL:		

** Please complete the net price of the technological system element offered. In the case of submitting an offer for more than one element or the whole system, please complete the net prices of all the elements to which the offer relates and a summary of the position in the final row entitled TOTAL.
For elements not constituting the subject of the offer, please put an X mark.*

1. **I declare that I/we am/are submitting this offer for the amount of (net):**.....

.....
(in words)

- 2. I declare that we provide a period of performance of the subject of the contract in (number of months) months from the date of conclusion of the contract.
- 3. I / we declare that if our offer will be choosen, we will give the Purchaser a guarantee for the subject of the contract for a period of months from the date of the final acceptance report of the subject of the order.
- 4. I /we declare that I am not in arrears with the payment of taxes and other public-law duties.
- 5. I/we declare that I/we am/are not in arrears with social security contributions.
- 6. I/we declare that we have read the Request for quotation and we do not raise any objections to its provisions and that we have obtained all necessary information to prepare the offer;
- 7. I / we declare that the subject of the offer meets all the requirements specified by the Purchaser in the Request for quotation, in particular the requirements set out in Chapter III of the Request for quotation "Basic requirements", confirming which we attach the relevant technical specifications.
- 8. I declare that I consider myself bound by this offer for at least 90 days from the deadline for submitting offers.
- 9. I declare that I am not personally or financially connected with the ordering party and thus do not fall within the scope of exclusion indicated in the Request for quotation in chapter IV.

III Functional parameters of individual elements of the technological system **::

Element 1: Technological system for comminution, washing and drying:

Key components and parameters:

- Chain conveyor embedded in the ground (conveyor belt below floor level) for continuous feeding of material to the shredder. YES/ NO *
- Conveyor working width approx. 1600 mm, climb angle approx. 30 degrees, rubber belt. YES/ NO *
- Low-speed mill with electric motor (min. 150 kW). YES/ NO *
- Controlled by means of a PLC module. YES/ NO *
- Knife cutting system. YES/ NO *
- Knives mounted on the rotor with the possibility of multiple changes of the cutting plane. YES/ NO *
- Rotor length min. 2500 mm and its diameter min. 560 mm. YES/ NO *
- Number of knives min. 80 pieces. YES/ NO *
- The device is equipped with with electro-mechanical safety clutch, internal hydraulic pressure. YES/ NO *
- Construction for quick service, maintenance and inspection of the workspace. YES/ NO *
- Unloading system consisting of a double horizontal unloading screw for transporting material from the shredder. YES/ NO *
- Screw working in wet system. YES/ NO *
- The screw has a preliminary sieve/screen, which allows the preliminary removal of mainly mineral sand impurities. YES/ NO *
- Buffer silo with a capacity of approx. 3.5 m / 3, dosing. YES/ NO *
- Underwater pre-washing system, divided into a zone for separating heavy fractions (stones, metal, glass) and a dynamic washing zone with a sieve, equipped with a screw conveyor connecting with a dynamic washer and a conveyor (e.g. chain) for draining pollutants to the outside. YES/ NO *
- Dynamic (high-speed) washer 2 pieces. YES/ NO *
- Washing equipment also equipped with transport screws for wet material transport, rotor diameter min. 650 mm. YES/ NO *
- Wet granulator with a knife cutting system, about min. 400 rpm, engine power min. 130 kW. YES/ NO *
- Separation tank (for separation of PE), working in wet work system. Min. Capacity 14 m / 3, min. water capacity 8 m / 3. Equipped with a system consisting of a stirrer and paddle impellers for material transport. YES/ NO *
- Tank integrated with the discharge drum min. Ø 600 mm, and a drainage system (e.g. drainage screw) and equipped with a dirt extraction system. YES/ NO *
- Centrifuges (4 pcs.) Mechanical, high-speed (min. 1000 rpm), two in each cascade arrangement. YES/ NO *
- An air blower for transporting material to a thermal dryer. YES/ NO *
- Thermal dryer (max. Output humidity level 8%). YES/ NO *
- Cyclone for the starting material. YES/ NO *
- Metering buffer silo for continuous feeding of the extrusion line. YES/ NO *

Element 2: Technological system for extrusion of regranulate, including refreshing of produced pellets

Key components and parameters:

- Backfilling feeder with metal detector. YES/ NO *
- Compactor integrated in the system YES/ NO *
- Single screw auger (endless screw) with a diameter of min. 160 mm and length min. 36 L / D with a single drive. YES/ NO *
- Screw auger with 2 or 3 parts so that if necessary (e.g. in case of wear or need to use for other multi-material waste) only one part of the auger (screws) can be replaced. YES/ NO *
- Extruder with double degassing. YES/ NO *
- Double continuous filter. YES/ NO *
- Total filtration surface of both filters min .: 2600 cm², diameter of each filter: min. 350 mm YES/ NO *
- Screw diameter 160-165 mm YES/ NO *
- Compactor power: 315-350 kW YES/ NO *
- Extruder power: 380-415 kW YES/ NO *
- Cutting granulate on the water head YES/ NO *
- Horizontal centrifuge for drying granules YES/ NO *
- Extruder with an elongated plasticizing system of 5 L / D and a second backflash screen changer installed, YES/ NO *
- Screen diameter not less than 250 mm, YES/ NO *
- Filtration surface min. 1900 cm². YES/ NO *
- Big-bag station with silo and scales weighing the amount of granulate in bags. YES/ NO*
- Refreshing system connected directly to the extruder. YES/ NO *

Element 3: Water filtration, treatment and cooling system:

Key components and parameters:

- Pumping station YES/ NO *
- Drum separator YES/ NO *
- Surge tank YES/ NO *
- Tube flocculator YES/ NO *
- Automatic chemistry dosing station YES/ NO *
- Sedimentation and flotation device, YES/ NO *
- Sludge tank YES/ NO *
- Press for sludge dewatering, YES/ NO *
- Return water installation, YES/ NO *
- System water cooling system connected to the extruder. YES/ NO *
- Work in a closed wash water system. YES/ NO *
- Minimum sewage treatment plant capacity 40 m³ / h. YES/ NO *
- The system is equipped with a system to replenish water in an amount of about 1 m³ / h. YES/ NO *

* reference YES / NO - delete as appropriate

** If submitting a partial offer, please select only the element (s) to which the offer relates. When submitting an offer for the entire technological system, please complete all the elements.

IV References:

List of references related to the brand / type (with similar size and performance parameters) offered as part of the technological system offer or element in the case of a partial offer.

Lp	Entity (with name and address)	Brand / Type	Size and performance parameter
1			
2			

* Please enter a minimum of 2.

List of entities for which the Tenderer/Bidder has made installations of similar value: *

LP	Entity (with name and address)	Contact person (name, surname, telephone number or e-mail address)	Net realization value in PLN
1			
2			

* Please enter a minimum of 2.

V Warranty service:

1. handling the application in Polish (tak /nie)
2. taking service - immediately after notification (tak/ nie)
3. maximum time of arrival of the service in the absence of remote removal of the failure
-..... (max. up to 48h.)

VI Post-warranty service:

Data of the entity providing post-warranty service:

Full name of the entity	
Address	
Tax identification number (NIP) or national identification number	

The person authorized to carry out all activities related to the offer is:

.....

Phone no..... fax e-mail.....

The following elements (descriptions, drawings, specifications, etc.) of the offer are attached to this form:

- 1.
- 2.
- 3.

Legible signatures of persons authorized to represent (in accordance with registration documents):

- 1. _____ (first name and surname)(legible signature)
- 2. _____ (first name and surname)(legible signature)

We declare that we do not agree/ agree* to provide the other Bidders with details of our offer.
* *delete as appropriate*

Legible signatures of persons authorized to represent (in accordance with registration documents):

- 1. _____ (first name and surname)(legible signature)
- 2. _____ (first name and surname)(legible signature)