

Białystok, 25.07.2017

## Request for Proposal No 2/RPOWP/2017 of 25.07.2017

within the Regional Operational Programme for Podlaskie Voivodeship for 2014-2020, Priority Axis I Strengthening the potential and competitiveness of the regional economy, Activity 1.2 Support to knowledge transfer, innovation, technology, and commercialization of R&D results, as well as development of R&D activity in businesses, Sub-activity 1.2.2 Voucher for research services.

### I. The Contracting Party Details

Technology Applied Sp. z o. o.  
ul. Żurawia 71A lok. 0.16, 15-540 Białystok  
NIP 5423244953, REGON 361410764  
www.technology-applied.com

### II. Description of the Subject of the Order

The Contracting Party owns an EOS P395 device-system operating in incremental technology which involves selective laser sintering of polyamide powder (SLS). It is a system that is used to manufacture series parts and functional prototypes from polymer materials allowing for producing series elements, replacement parts, functional prototypes and models directly from CAD data.

The subject of the order is purchase of material licenses allowing for repetitive manufacture of 3D models using the above-specified device owned by the Contracting Party using the following materials:

1. Pa12 polyamide with fiberglass. Manufactured in 120 um layers. Featuring increased rigidity and wear resistance while maintaining powder refresh rate not exceeding 70%.  
A 3D model produced should fit the following specification:
  - Tensile stress:  
XY axis: min. 49 MPa  
Z axis: min. 45 MPa
  - Relative elongation at break:  
XY axis: min. 8 %  
Z axis: min. 4 %
  - Density after remelting above 1.1 g/cm<sup>3</sup>
2. Pa12 polyamide with delayed ignition conforming to the JAR 25 European flight safety requirements. Manufactured at a layer of 100 um at powder refresh rate not exceeding 50%.  
A 3D model produced should fit the following specification:
  - Tensile stress:  
XY axis: min. 40 MPa  
Z axis: min. 39 MPa
  - Relative elongation at break:  
XY axis: min. 12 %  
Z axis: min. 5 %



- Density after remelting above 0.9 g/cm<sup>3</sup>

Within the provided licenses the contractor is obliged to install software and perform calibration of the device in order to fit the requirements of processing new materials at the Contracting Party site.

It is allowed to submit proposals with an equivalent solution conforming to the above-specified technical requirements, compatible with the owned by the Contracting Party system EOS P395 operating in incremental technology which involves selective laser sintering of polyamide powder (SLS).

### III. Conditions Necessary to Participate (Formal Criteria)

1. No capital or personal ties between the Tenderer and the Contracting Party. Capital or personal ties between the Tenderer and the Contracting Party are understood as mutual ties between the Tenderer and persons authorised to incur liabilities on behalf of the Tenderer or persons performing actions connected with preparing and conducting the contractor selection procedure on behalf of the beneficiary and the contractor which consist in particular in:
  - (a) Acting as a partner in a civil partnership or a partnership,
  - (b) Holding at least 10% of shares or stock,
  - (c) Acting as a member of the supervisory or management board, proxy, plenipotentiary,
  - (d) Being a spouse, relative by lineal consanguinity or affinity, secondary relative in the second degree of consanguinity or the second degree of affinity, in a relationship of adoption, care or guardianship.
1. The contract may be applied for by a Tenderer complying with the following conditions:
  - a) has the capability to execute the order, amongst others, has the necessary rights, technical and capital potential to execute the order,
  - b) according to the subject of business activity is entitled to execute the order,
  - c) is in an economical and financial situation that allows for executing the order.
2. Upon submitting a tender, contractors should hold documented experience in supplying systems and materials operating in incremental technology which involves selective laser sintering of polyamide powder for at least 1 entity. What constitutes such a documentation is particularly references. This condition will be considered met only if the documentation submitted is fully clear in this regard.
3. Not meeting the formal criteria shall result in the tender being rejected.

### IV. Place and Date of Execution of the Order

1. Execution of the contract will be commenced not later than one month (30 days) from the date of entering into the grant agreement within the Regional Operational Programme for Podlaskie Voivodeship for 2014-2020, Priority Axis I Strengthening the potential and competitiveness of the regional economy, Activity 1.2 Support to knowledge transfer, innovation, technology, and commercialization of R&D results, as well as development of R&D activity in businesses, Sub-activity 1.2.2 Voucher for research services, and will take no longer than 2 months (60 days).
2. The subject of the order will be executed at the seat of the Contracting Party, the Podlaskie Voivodeship, ul. Żurawia no 71A lok. 0.16, 15-540 Białystok.

## V. Details on the Request for Proposal Procedures

1. A tender should be drawn according to the template: TENDER FORM (Appendix no 1).
2. The Tenderer incurs all the costs related to drawing and submitting a tender, regardless of the result of the procedure.
3. Each Tenderer has the right to submit a single tender only. The Contracting Party does not allow submitting partial or variant tenders.
4. A tender should be drawn on the attached Tender Form and delivered along with the appendixes to the Contracting Party seat: Technology Applied Sp. z o. o. ul. Żurawia 71A lok. 0.16, 15-540 Białystok **until 3 August 2017** with the following annotation: "Tender for delivering material licenses allowing for repeated manufacture of 3D models." It is allowed to submit a tender in an electronic form at [biuro@technology-applied.com](mailto:biuro@technology-applied.com) as a scanned copy of a signed document with appendixes.
5. Tenders submitted after the deadline will not be examined.
6. A tender could be drawn in Polish. Should documentation be submitted in languages other than Polish, it is crucial to provide their translation into Polish. The translated documentation should be signed by the person who performed the translation. The Contracting Party does not require the translation to be certified.
7. A tender must be filled out in a clear way, with a computer or typewritten.
8. The Contractor shall specify the net and gross lump price in PLN that would constitute remuneration for executing the entire order, specifying it both in number and in words, with an accuracy of 1 grosz (up to the second decimal place). The tender price is the final price including all the costs and elements related to executing the order according to the subject of the order.
9. Only tenders meeting the formal criteria will be examined.
10. The most favorable tender will be selected on the basis of the following criteria:

Criterion	Significance
Price	70%
Delivery time	20%
Warranty	10%

11. The PRICE criterion will be calculated using the following equation:

$$\frac{\text{price of the least expensive tender}}{\text{price of the examined tender}} \times 70 = \text{amount of points granted for the examined tender}$$

The final result of the above operation will be rounded off to the second decimal place.

12. Points for the DELIVERY TIME criterion will be granted in a numerical scale according to the score table below:

Points	Delivery time
0	Delivering within 2 months (60 days) of the date of signing the contract
10	Reducing the delivery time by 1 week (7 days)
20	Reducing the delivery time by 2 weeks (14 days)

The maximum amount of points for the Delivery Time criterion: 20.



13. Points for the WARRANTY criterion will be granted in a numerical scale according to the score table below:

Points	Warranty
0	24 months and less
10	More than 24 months

The maximum amount of points for the Warranty criterion: 10.

14. The sum of points will be calculated using the following equation:  $S = P + T + W$ , where: S- score, P- price, T- delivery time, W- warranty.
15. The tender to be granted the highest amount of points will be considered the most favorable.
16. The point of contact for Contractors and answering any enquiries is Mr Jarosław Kozak, tel. +48 664 703 777, email: [j.kozak@technology-applied.com](mailto:j.kozak@technology-applied.com)
17. The Contracting Party reserves the right to cancel the request at any stage of its processing, to decide not to select any of the submitted tenders for this request or to modify the request.

#### VI. Appendix List.

1. Appendix no 1: Tender Form
2. Appendix no 2: Statement of absence of capital or personal connections



*Appendix no 1 to the Request for Proposal: Tender Form*

..... date .....

**TENDER FORM**

1. Name and Address of the Tenderer

Name .....

Address .....

NIP .....

Replying to the invitation to tender included in the request for proposal for delivering material licenses allowing for repetitive manufacture of 3D models we hereby offer executing the order for the net price of: PLN ....., + the due value added tax (VAT) of ..... %, at the gross price of PLN ....., in words: .....

1. I hereby declare that I hold experience in supplying systems and materials operating in incremental technology which involves selective laser sintering of polyamide powder according to the following list:

No	Subject / Scope	Service Recipient	Date of Execution
1			

2. I hereby declare that I have acknowledged the description of the order subject and I do not raise any objections.
3. I hereby declare that I meet the conditions specified by the Contracting Party.
4. I hereby declare that I conduct business activity and hold the crucial knowledge and experience in deliveries or services specified in this request for proposal and that I have the effective capacity to execute the order, and amongst others, I have the necessary rights, technical and capital potential to execute the order.
5. I hereby declare that the tender is valid within 60 days of the date of submission.

.....  
Signature and stamp / stamps\*

\* delete as appropriate

Appendix:

1. A detailed scope of the tender involving the material license specification allowing for examining the documentation, warranty conditions and the maximum delivery time.



*Appendix no 2 to the Request for Proposal: Statement of absence of capital or personal connections*

..... date .....

**Statement of Absence of Capital or Personal Connections**

1. Name and Address of the Tenderer

Name .....

.....

Address .....

.....

NIP .....

In response to the request for proposal for:

“Delivery of material licenses allowing for repetitive manufacture of 3D models”

I (we) hereby state that there are no personal or capital ties between me (us) and the Contracting Party.

Capital or personal ties are understood as mutual ties between the Tenderer and persons authorised to incur liabilities on behalf of the Tenderer or persons performing actions connected with preparing and conducting the contractor selection procedure on behalf of the tenderer and the contractor which consist in particular in:

- (a) Acting as a partner in a civil partnership or a partnership,
- (b) Holding at least 10% of shares or stock,
- (c) Acting as a member of the supervisory or management board, proxy, plenipotentiary,
- (d) Being a spouse, relative by lineal consanguinity or affinity, secondary relative in the second degree of consanguinity or the second degree of affinity, in a relationship of adoption, care or guardianship.

.....  
Signature of the persons authorized to submit statements of intent  
on behalf of the Contractor and a stamp / stamps\*

\* delete as appropriate