**Appendix No. 1 to the Terms of Reference**

**Technical parameters and requirements for the delivery of Intellectual Property components targeted to the Silicon Process offered by the Contractor**

| **Lp.** | **Parameter**  | **Requirement**  | **To be filled by Contractor** |
| --- | --- | --- | --- |
| **1.** | Contractor  |  | Information |
| **2.** | Country of origin  |  | Information |
| **3.** | Name of the foundry running the target silicon process for the IP components offered by the Contractor |  | Information |
| **4.** | Name of the silicon process node for the IP components offered by the Contractor |  | Information |
| **5.** | General characteristics of the Silicon Process offered by the Contractor | 5.1 Proprietary silicon process of the Contractor or silicon process owned by a legal entity for whom the Contractor is a representative entitled for Poland  | To be confirmed |
| 5.2 Silicon process of 180nm or smaller feature size | To be confirmed |
| 5.3 Silicon process featuring non-volatile EEPROM memory | To be confirmed |
| 5.4 Silicon process publicly available within a MPW (multi project wafer) service, enabling the prototyping of integrated circuits within production runs of not more than 100 samples. | To be confirmed |
| **6.** | EDA–CAD IC-Design Tools support for the target Silicon Process offered by the Contractor as described in p.4 and p.5 respectively | State of the art Process Design Kit (PDK) is dedicated to Cadence Design Systems EDA-CAD toolset, supporting design functionalities as follows:* schematic capture
* analog simulation including corner analysis
* layout drawing and verification
* synthesis
* place and route
 | To be confirmed |
| **7** | Technical characteristics of the IP components targeted to the SIlicon Process, offered by the Contractor specified in p. 5 | 7.1. Embedded non-volatile memory (EEPROM) featuring:* the primitive size at least4kB,
* write endurance at least 20 000 write cycles at 25 deg. C,
* data retention of at least 20 years.
 | To be confirmed |
| 7.2 Embedded static random access memory of primitive size 32kB | To be confirmed |
| 7.3 Embedded static random access memory of primitive size 1kB | To be confirmed |
| 7.4 Embedded OTP (FUSE) memory allowing to design a single block of configuration memory of up to 64 bits featuring single, common programming voltage PAD.  | To be confirmed |
| 7.5 Analog blocks library containing:* SAR analog to digital converter of at least 10 bits resolution, 1.8V supply voltage, 1.5 MSPS sampling rate,
* Components required for generation of the internal clock signal of frequency not lower than 80 MHz
* PLL
 | To be confirmed |
| 7.6 Digital standard cells library with 1.8V supply voltage. | To be confirmed |
| 7.7 Input – output cells library with 1.8V supply voltage  | To be confirmed |
| 7.8 Input- output cells library with 5V supply voltage  | To be confirmed |
| **8.** | Legal limitations | No legal and factual limitations of the subject of the order for military end use by the Contracting Authority of the integrated circuits designed using the IP offered by the Contractor (as specified in p. 7), manufactured in the Silicon Process of offered by the Contractor (as specified in p. 5). | To be confirmed |
| **9.** | Operating Instructions | The operating manual in English or in Polish. | To be confirmed |

**Appendix No. 2 to the Terms of Reference**

**Statement of the Contractor**

**submitted pursuant to Art. 125, item 1 of the Act of September 11 2019**

**Public Procurement Law (hereinafter: the PPL Act),**

**THE GROUNDS FOR THE EXCLUSION OF ARTICLE 7 item 1 OF THE ACT**

**ON SPECIAL SOLUTIONS IN THE SCOPE OF COUNTERACTING THE SUPPORT OF AGGRESSION AGAINST UKRAINE AND SERVING THE PROTECTION OF NATIONAL SECURITY**

**ON THE CONDITIONS FOR EXCLUSION FROM THE PROCEDURE**

For the purposes of the procedure for award of a public contract, entitled …………………………………………………… *(name of the procedure)*, conducted by Łukasiewicz Research Network – Institute of Microelectronics and Photonics *(name of the Contracting Authority),* I hereby represent as follows:

**STATEMENTS ON THE CONTRACTOR:**

* I represent that I am not subject to exclusion from the procedure under Art. 108 item 1 and 109 item 1 (4) of the PPL Act and Art. 7 para. 1 (1-3) of the Act of April 13, 2022 on special solutions in the scope of counteracting the support of aggression against Ukraine and serving the protection of national security

or

* that grounds for exclusion from the procedure exist pursuant to Art. …………… of the PPL Act

 *At the same time, I represent that, in connection with these circumstances, I have taken the following corrective actions pursuant to Art. 110 item 2 of the PPL Act: ………………………………………………………………………………….*

**STATEMENT CONCERNING THE ENTITY WHOSE RESOURCES WILL BE REFERRED BY THE CONTRACTOR**

* I certify that the following entity/s, whose resources I am referring to in these proceedings, i.e. …………………………………………………………………….……………………… *(full name of the entity, address, and also depending on the entity: Tax ID/Personal ID, National Court Register/Register of Business Activity Number),* is/are not subject of exclusion from the public Contract awarding procedure.

**STATEMENT CONCERNING A SUBCONTRACTOR WHICH IS NOT AN ENTITY WHOSE RESOURCES WILL BE REFERRED TO BY THE CONTRACTOR**

* I certify that the following entity/s, being the Subcontractor/s: ……………………………………………… *(full name of the entity, address, and also depending on the entity: Tax ID/Personal ID, National Court Register/Register of Business Activity Number)*, is/are not subject of exclusion from the public Contract awarding procedure.

**DECLARATION CONCERNING THE INFORMATION PROVIDED:**

* I declare that all the information provided in the above statements is up-to-date and truthful and has been presented with full awareness of the consequences of misleading the Contracting Authority when providing the information.

I indicate that the documents confirming these facts, referred to in Chapter VII of the ToR, are available in electronic form at the following internet addresses of public and free *(please select):*

* <https://prod.ceidg.gov.pl>
* <https://ems.ms.gov.pl>
* Other register (please provide internet address):[………………………………..](https://ems.ms.gov.pl)

**Appendix No. 3 to the Terms of Reference**

**Contractors who jointly apply for a contract:**

………………………………………

………………………………………

 (Full name/Company name, address)

Represented by:

………………………………………

(Representative Name, Surname, Position, Title)

**STATEMENT OF THE CONTRACTOR**

**ABOUT THE SCOPE OF PERFORMANCE OF THE CONTRACT BY THE CONTRACTORS**

**WHO JOINTLY APPLY FOR A CONTRACT**

submitted on the basis of art. 117 item 4 of the Act of September 11, 2019 - Public Procurement Law (Official Journal of 2019, item 2019 with later changes)

in the procedure for awarding a public Contract for

**………………………………………………………………………………………..**

we declare that:

1. Contractor …………………………………………………………………………………………………….…………….…..

*(name and address name and address of one of the Contractors who jointly apply for a contract, e.g. a consortium member or partner in a civil partnership)*

will perform the following services \*:…………………………………………

1. Contractor ……………………………………………………………………………………………….……………..……..

*(name and address name and address of one of the Contractors who jointly apply for a contract, e.g. a consortium member or partner in a civil partnership)*

will perform the following services \*:…………………………………………

NOTE!

It should be indicated which supplies/services/construction works \* included in scope of the subject of the contract are performed by individual contractors (consortium members or partners of a civil partnership)

**STATEMENT REGARDING THE INFORMATION PROVIDED**

I/We\* hereby represent that any and all information provided in this Statement are up-to-date and accurate and that they I/we are fully aware of the consequences of providing the Contracting Authority with misleading information.

*\*Delete as appropriate*

**Appendix No. 4 to the Terms of Reference**

**BID FORM**

for: Łukasiewicz Research Network – Institute of Microelectronics and Photonics

|  |  |
| --- | --- |
| Subject of the Order | Delivery of the Intellectual Property components targeted to the integrated circuits manufacturing technology (Silicon Process) |
| 1. | Name and address of the Contractor | ……………………………………………………………………………….………………………………………………………………………………. |
| 2. | Taxpayer’s Identification Number NIPREGON number:or the relevant foreign identification numbers  | ……………………………………………………………………………………………………………………………………………………………..……………………………………………………………………………. |
| 3. | Telephone:E-mail: | ............................................................................................................................................................. |
| 4. | Total net price of the bidVAT rateVAT amountTotal gross price of the bid | **enter:** ..................... PLN/EUR/USD/GBP\*Say: .........................................................................................................................................................................**enter:** .....................%**enter:** ..................... PLN/EUR/USD/GBP\***enter:** ..................... PLN/EUR/USD/GBP\*Say: ......................................................................................................................................................................... |
| 5. | Time of performing the Contract:Maximum time: up to **14 days** from the date of signing the agreement with reservation to the terms of the agreement | **enter:** ........................................ *(days)* |
| 6. | Warranty period: **at least 6 months**  | **enter:……………………..** *(months)* |
| 7. | Statement | I hereby represent that the selection of our bid **will/will not**\* result in imposing taxation obligation on the Contracting Authority. The following (name or type of the goods or services) will lead to the emergence of a tax obligation:**Value without tax:…………………………………………………….Name of goods:…………………………………………………………** |
| 8. | Type of Contractor | I declare that I am:* Microentrepreneur
* Small enterprise
* Medium enterprise
* A sole proprietorship
* A natural person who does not conduct business activity
* Other types: **specify** ……………………….

within the meaning of the Act of March 6, 2018 Entrepreneurs Law.(Note! Mark the "X" in the appropriate box)) |
| 9. | Statement | I hereby represent that I have read the Terms of Reference (together with the Appendices constituting an integral part thereof) and that I accept its content without reservations. |
| 10. | I hereby represent that I have fulfilled the information obligations foreseen in Art. 13 or Art. 14 of the GDPR towards natural persons whose personal data I obtained directly or indirectly in order to apply for awarding a public contract in the present procedure. | **confirm:……………………………………..***In the event if the Contractor does not transfer the personal data other than their own or if the information obligation is excluded pursuant to Art. 13, item 4 or Art. 14, item 5 of the GDPR, the Contractor shall not submit this statement (delete the content of the statement e.g. by crossing out).* |
| 11. | Persons authorised to represent the Contractor | **enter:** ........................................... |
| 12. | Parts of the Contract that will be entrusted to subcontractors | **Specify the parts of the Contract:** .......................**Enter names of companies:** ………………………….. |
| 13. | Documents attached to the bid | 1. ………………………………………………………………….2. ………………………………………………………………….3. …………………………………………………………………. |

*\* Delete as appropriate*

**Appendix No. 6 to the Terms of Reference**

**STATEMENT**

STATEMENT OF THE CONTRACTOR CONFIRMING THE VALID OF INFORMATION PROVIDED IN THE STATMENT SPECIFIED IN ART. 125 OF THE PPL ACT, ON THE GROUNDS FOR EXCLUSION

Contractor :…………………………………………………………………………………………………………………………………………….

…………………………………………………………………………………………………….…………………………………………………………

For the purposes of procurement procedure, the subject of which is

…………………………………………………………………………………………………….…………………………………………………………

We declare that the information provided in the statement placed pursuant to Art. 125, item 1 of the PPL Act, with respect to the ground for exclusion from proceeding, stipulated in:

1. **art. 108 ust. 1** of the PPL Act
2. **art. 7 para. 1 (1-3)** of the Act of April 13, 2022 on special solutions in the scope of counteracting the support of aggression against Ukraine and serving the protection of national security

**are up-to-date / are out-of-date\***

NOTE: In the previously provided information is not up-to-date, please submit additional information in this regard, in particular specify which data the change relates to and indicate its scope

*\*delete as appropriate*