

SC CHRONOS ENERGY SOLUTION SRL

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Nr. 330033\_17/ 09.12.2024

| <b>RAPORTUL PROCEDURII DE ACHIZITIE</b>  | <b>REPORT OF THE PROCUREMENT PROCEDURE</b>   |
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| <p>document intocmit in baza ÎNDRUMARULUI<br/>METODOLOGIC</p> <p>privind modul de lucru pentru beneficiarii privați<br/>finanțați din Fondul pentru Modernizare, care nu<br/>au obligația respectării prevederilor legale<br/>aplicabile în domeniul achizițiilor<br/>publice/sectoriale</p> <p>Prezenta documentatie se refera la procedura de<br/>atribuire a contractului de furnizare:<br/><b>Panouri fotovoltaice din cadrul`Instalatie<br/>fotovoltaica Petrachioaia` 6 MWp</b></p> <p><b>Proiect finantat</b> prin Fondul pentru Modernizare<br/><b>Titlu Apel:</b> Sprijinirea investitiilor in noi capacitati<br/>de productie a energiei electrice produse din<br/>surse regenerabile<br/><b>Obiectiv specific:</b> P1_OS1.1_Cresterea capacitatii<br/>de productie a energiei din surse regenerabile<br/>solare (pana la 5 MW, inclusiv), in vederea atingerii<br/>obiectivelor din Planul National Integrat in<br/>domeniul Energiei si Schimbarilor Climatice 2021 –<br/>2030, aprobat prin H.G. nr.1076/2021 privind<br/>ponderea globala de energie din surse<br/>regenerabile in consumul final brut de energie<br/><b>Denumirea proiectului:</b> Instalatie fotovoltaica<br/>Petrachioaia<br/><b>Codul SMIS al proiectului:</b> 330033<br/><b>Institutia:</b> Ministerul Energiei (ME), in calitatea sa</p> | <p>document prepared based on the<br/>METHODOLOGICAL GUIDE</p> <p>on the working method for private beneficiaries<br/>financed from the Modernization Fund, who are<br/>not obliged to comply with the legal provisions<br/>applicable in the field of public/sectoral<br/>procurement</p> <p>This documentation refers to the procedure for<br/>awarding the supply contract:<br/><b>Photovoltaic panels within the `Petrachioaia<br/>Photovoltaic Plant` 6 MWp</b></p> <p><b>Project financed</b> by the Modernization Fund<br/><b>Call Title:</b> Supporting investments in new<br/>electricity production capacities produced from<br/>renewable sources<br/><b>Specific objective:</b> P1_OS1.1_Increasing the<br/>capacity to produce energy from solar renewable<br/>sources (up to 5 MW, inclusive), in order to<br/>achieve the objectives of the Integrated National<br/>Plan for Energy and Climate Change 2021 - 2030,<br/>approved by Government Decree no. 1076/2021<br/>regarding the global share of energy from<br/>renewable sources in gross final energy<br/>consumption<br/><b>Project name:</b> Petrachioaia photovoltaic<br/>installation<br/>Project SMIS code: 330033<br/><b>Institution:</b> Ministry of Energy (ME), in its capacity<br/>as the national authority for implementing and</p> |

de autoritate nationala de implementare si gestionare a fondurilor alocate Romaniei din Fondul pentru Modernizare (MEFM)

### A. Informatii generale

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| <b>Nume Solicitant:</b>                         | CHRONOS ENERGY SOLUTION SRL  |
| <b>Titlul proiectului:</b>                      | Instalatie fotovoltaica Petrachioaia   |
| <b>Cod SMIS Proiect</b>                         | 330033   |
| <b>Linia de finantare</b>                       | Fondul pentru Modernizare  |
| <b>Denumirea contractului de achizitie:</b>     | Panouri fotovoltaice din cadrul ``Instalatie fotovoltaica Petrachioaia``   |
| <b>Obiectul contractului de achizitie:</b>      | Furnizarea panourilor fotovoltaice   |
| <b>Date de contact:</b>                         | Adresa: Mun. Bucuresti, Str. George Constantinescu, 2C, et. 5, Romania<br>Persoana de contact: Dragnea Dorina-Daniela<br>E-mail: info@chronoses.ro<br>Telefon: +40-21 233 03 88                                    |
| <b>Locul de implementare:</b>                   | Intravilanul localitatii Petrachioaia, judetul Ilfov, Romania, pe un teren cu o suprafata de 63.400 m <sup>2</sup> , identificat cu numar cadastral 50681  |
| <b>Valoarea estimata a achizitiei fara TVA:</b> | <b>600,000 EURO (fara TVA)</b><br><br>Pentru stabilirea echivalentei ofertelor prezentate in Euro, se va folosi cursul BNR valabil in data publicarii anuntului.<br><br>Preturile vor fi prezentate cu 0 zecimale. |

managing the funds allocated to Romania from the Modernization Fund (MEFM)

### A. General Information

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| Applicant Name: CHRONOS ENERGY SOLUTION SRL  |
| Project Title: Petrachioaia Photovoltaic Plant   |
| SMIS Code Project 330033   |
| Financing Line: Modernization Fund   |
| Title of the purchase contract: Photovoltaic panels within the ``Petrachioaia Photovoltaic Plant``   |
| Object of the purchase contract: Supply of photovoltaic panels   |
| Contact details: Address: Bucharest City, Str. George Constantinescu, 2C, et. 5, Romania<br>Contact person: Dragnea Dorina-Daniela<br>E-mail: info@chronoses.ro<br>Phone: +40-21 233 03 88 |
| Place of implementation: Within the built-up area of Petrachioaia, Ilfov County, Romania, on a land with an area of 63,400 m <sup>2</sup> , identified with cadastral number 50681         |
| Estimated value of the acquisition excluding VAT: <b>600,000 EURO</b>  |
| To establish the equivalence of the offers presented in Euro, the NBR exchange rate valid on the date of publication of the announcement will be used.                                     |
| Prices will be presented with 0 decimal places.  |



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|---|--|---|
| Deschiderea /<br>Accesarea<br>ofertelor | <p>Accesarea ofertelor a avut loc la sediul companiei CHRONOS ENERGY SOLUTION SRL din Mun. Bucuresti, Strada George Constantinescu, 2C, Et. 5, Romania, pe adresa de mail <a href="mailto:info@chronoses.ro">info@chronoses.ro</a> in data de 07.12.2024, in prezenta membrilor comisiei de evaluare si atribuire.</p> <p>Au depus oferta urmatoorii operatori economici:</p> <ol style="list-style-type: none"> <li>1. <b>Trina Solar</b>, Elvetia</li> <li>2. <b>Risen Energy</b>, Ningbo, China</li> <li>3. <b>Astronergy New Energy Technology Singapore Ltd</b>, Singapore</li> </ol> | <p>Opening / Accessing the Offers:<br/>The offers were accessed at the headquarters of CHRONOS ENERGY SOLUTION SRL, located in Bucharest Municipality, George Constantinescu Street, No. 2C, 5th Floor, Romania, via the email address <a href="mailto:info@chronoses.ro">info@chronoses.ro</a> on December 7, 2024, in the presence of the evaluation and awarding committee members.</p> <p>The following economic operators submitted offers:</p> <ol style="list-style-type: none"> <li>1. <b>Trina Solar</b>, Switzerland</li> <li>2. <b>Risen Energy</b>, Ningbo, China</li> <li>3. <b>Astronergy New Energy Technology Singapore Ltd</b>, Singapore</li> </ol> |
| Clarificari primite:                    | Nu a fost cazul, ofertantii nu au solicitat clarificări.   | Clarifications received: Not applicable, the bidders did not request any clarifications.  |

## B. Evaluarea specificatiilor tehnice

Propunerile tehnice au fost evaluate de comisia de evaluare in raport cu cerintele minime din Caietului de Sarcini

| Specificatii tehnice minime                                       | Trina Solar     | Risen Energy    | Astronergy             |
|---|-----------------|-----------------|------------------------|
| <b>Tip panou:</b><br>Monocrystalline, N-type Bifacial, Dual glass | N-type i-TOPCon | TOPCON Bifacial | n-type TOPCon bifacial |
| <b>Putere nominala minima:</b> 665 Wp                             | 705 + 710       | 705             | 710                    |
| <b>Eficienta maxima:</b> mai mare de 21%                          | 23.20%          | 23.30%          | 23.20%                 |
| <b>Latimea panoului:</b> minim 1300mm                             | 1300mm          | 1300mm          | 1300mm                 |
| <b>Conectori:</b> MC4 EVO2 sau compatibil                         | MC4 EVO2        | Compatibil      | MC4                    |
| <b>Tensiunea sistemului:</b> 1500V DC (IEC)                       | 1500V           | 1500V           | 1500V                  |
| <b>Garantie de defect:</b> minim 12 ani                           | 12              | 15              | 15                     |
| <b>Garantie de performanta:</b>                                   | 30              | 30              | 30                     |

## B. Evaluation of technical specifications

The technical proposals were evaluated by the evaluation committee in relation to the minimum requirements specified in the Tender Specifications / Technical Specifications.

| Minimum technical specifications                                   | Trina Solar     | Risen Energy    | Astronergy             |
|--|-----------------|-----------------|------------------------|
| <b>Panel type:</b><br>Monocrystalline, N-type Bifacial, Dual glass | N-type i-TOPCon | TOPCON Bifacial | n-type TOPCon bifacial |
| <b>Minimum nominal power:</b> 665 Wp                               | 705 + 710       | 705             | 710                    |
| <b>Maximum efficiency:</b> greater than 21%                        | 23.20%          | 23.30%          | 23.20%                 |
| <b>Panel width:</b> minimum 1300mm                                 | 1300mm          | 1300mm          | 1300mm                 |
| <b>Connectors:</b> MC4 EVO2 or compatible                          | MC4 EVO2        | Compatibil      | MC4                    |
| <b>System voltage:</b> 1500V DC (IEC)                              | 1500V           | 1500V           | 1500V                  |
| <b>Defect warranty:</b> minimum 12 years                           | 12              | 15              | 15                     |
| <b>Performance warranty:</b> minimum 25 years                      | 30              | 30              | 30                     |

|   |          |          |          |
|---|----------|----------|----------|
| minim 25 ani                                |          |          |          |
| <b>Degradarea maxima dupa primul an: 1%</b> | Max 1%   | Max 1%   | Max 1%   |
| <b>Degradarea maxima anuala: 0.4%</b>       | Max 0.4% | Max 0.4% | Max 0.4% |

In urma desfasurarii procesului de evaluare, toti ofertantii au indeplinit cerintele minime din Caietul de Sarcini / Specificatii tehnice.

### C. Evaluarea propunerilor financiare

| Nr. crt. | Ofertant     | Pret ofertat (fara TVA) |                   |
|----------|--------------|-------------------------|-------------------|
| 1.       | Trina Solar  | Euro/Wp                 | <b>0.097</b>      |
|          |              | Buc                     | 8,910             |
|          |              | MWp                     | 6.31              |
|          |              | <b>Total euro</b>       | <b>612,191</b>    |
| 2.       | Risen Energy | Euro/Wp                 | <b>0.097</b>      |
|          |              | Buc                     | 8,910             |
|          |              | MWp                     | 6.28              |
|          |              | <b>Total euro</b>       | <b>609,310.35</b> |
| 3.       | Astronergy   | Euro/Wp                 | <b>0.093</b>      |
|          |              | Buc                     | 8,910             |
|          |              | MWp                     | 6.33              |
|          |              | <b>Total euro</b>       | <b>588,327.30</b> |

Din ofertele de pret primite, doar oferta de pret primita de la **Astroenergy** se incadreaza in bugetul proiectului.

### D. Rezultatul evaluarii ofertelor

| Numele ofertantului | Oferta admisibila DA / NU | Motivele  |
|---------------------|---------------------------|---|
| Trina Solar         | NU                        | Nu se incadreaza in valoarea estimata.  |
| Risen Energy        | NU                        | Nu se incadreaza in valoarea estimata.  |
| Astronergy          | DA                        | Se incadreaza atat din punct de vedere tehnic cat si din punct de vedere financiar. |

Oferta prezentata de Astroenergy prezinta un raport optim calitate-pret.

Cerintele solicitate sunt respectate in totalitate de ofertantul Astroenergy, iar valoarea ofertata se incadreaza in valoarea estimata.

Oferta castigatoare este in concordanta cu scopul si obiectivele proiectului.

|   |          |          |          |
|---|----------|----------|----------|
| <b>Maximum degradation after the first year: 1%</b> | Max 1%   | Max 1%   | Max 1%   |
| <b>Maximum annual degradation: 0.4%</b>             | Max 0.4% | Max 0.4% | Max 0.4% |

Following the evaluation process, all bidders met the minimum requirements outlined in the Tender Specifications / Technical Specifications.

### C. Evaluation of financial proposals

| No. | Bidder       | Offered Price (excluding VAT) |                   |
|-----|--------------|-------------------------------|-------------------|
| 1.  | Trina Solar  | Euro/Wp                       | <b>0.097</b>      |
|     |              | Buc                           | 8,910             |
|     |              | MWp                           | 6.31              |
|     |              | <b>Total euro</b>             | <b>612,191</b>    |
| 2.  | Risen Energy | Euro/Wp                       | <b>0.097</b>      |
|     |              | Buc                           | 8,910             |
|     |              | MWp                           | 6.28              |
|     |              | <b>Total euro</b>             | <b>609,310.35</b> |
| 3.  | Astronergy   | Euro/Wp                       | <b>0.093</b>      |
|     |              | Buc                           | 8,910             |
|     |              | MWp                           | 6.33              |
|     |              | <b>Total euro</b>             | <b>588,327.30</b> |

Among the price offers received, only the offer from Astronergy fits within the project budget.

### D. Results of the Offer Evaluation

| Bidder's Name | Acceptable Offer | Reasons                                  |
|---------------|------------------|--|
| Trina Solar   | NO               | Does not fit within the estimated value. |
| Risen Energy  | NO               | Does not fit within the estimated value. |
| Astronergy    | YES              | Fits both technically and financially.   |

The offer presented by Astronergy provides an optimal quality-price ratio.

The requirements requested are fully met by the bidder Astronergy, and the offered price fits within the estimated value.

The winning offer is in line with the project's purpose and objectives.

#### E. Concluzii si semnaturi

Membrii comisiei de evaluare desemneaza oferta prezentata de ofertantul **Astroenergy** cu oferta financiara de **588,327.30 Euro**, ca oferta castigatoare pentru aceasta procedura de atribuire, oferta care a fost clasata pe primul loc in clasamentul rezultat dupa aplicarea criteriului de atribuire si verificarea documentelor suport transmise.

Drept pentru care s-a incheiat prezentul raport al procedurii, intr-un singur exemplar original, pentru a fi inclus in dosarul achizitiei.

Operatorii economici care se considera lezati in drepturile lor ca urmare a modului in care s-a desfasurat procedura competitiva sau ca urmare a deciziilor luate in urma procesului de evaluare a ofertelor, pot sa inainteze contestatii in termen de 5 zile lucratoare de la publicarea prezentei.

#### E. Conclusions and Signatures

The members of the evaluation committee designate the offer submitted by the bidder **Astronergy**, with a financial offer of **588,327.30 Euros**, as the winning offer for this award procedure. This offer was ranked first in the ranking resulting from the application of the award criteria and the verification of the supporting documents submitted.

Therefore, this report of the procedure has been concluded in a single original copy, to be included in the procurement file.

Economic operators who consider their rights to have been violated as a result of the way the competitive procedure was conducted or as a result of the decisions made following the offer evaluation process may submit complaints within 5 working days from the publication of this report.

#### Comisia de evaluare si atribuire:

|             | Nume si prenume        | Functie                        | Semnatura |
|-------------|------------------------|--------------------------------|-----------|
| Presedinte: | DRAGNEA DORINA DANIELA | Responsabil de proiect         |           |
| Membru:     | CIRSTOC DAN            | Evaluare tehnica si financiara |           |
| Membru:     | SANDU ADRIAN           | Evaluare tehnica si financiara |           |