

INVITATION FOR PRELIMINARY TENDERS

Croatia
HYBRID POWER PLANT SLAVONSKI BROD

Name of the Project: **HYBRID POWER PLANT SLAVONSKI BROD**
Tender No.: **CE-2021-09-30/AS**
Country of the Project: Croatia
Employer: **CRODUX Energetika d.o.o.**
10000 Zagreb, Croatia
OIB/PIN: 87924471795
Type of notice: Invitation for preliminary tender for Construction
Issue date: 4th of October 2021
Closing date: 24th of December 2021, 12:00 a.m. CET

CRODUX ENERGETIKA d.o.o. (Employer) is in the greenfield phase of the complex project HYBRID POWER PLANT SB, on a greenfield area near the city of Slavonski Brod on the Sava River.

Project relates to construction of a 500 MW hybrid combined-cycle power plant (CCPP) together with CCUS (carbon capture, utilization and storage) and H₂ production with electrolysis, hereinafter referred to as "HYBRID POWER PLANT SLAVONSKI BROD". Acronym for project is "CCGPP+H₂+CCUS/SB".

The power plant is planned to be built in two phases, Phase I and Phase II (250 + 250 MW CCGPP) and for each phase of the Project facility for carbon capture and hydrogen production is predicted. Heat output is planned for Phase II.

The subject of this Tender is EPCM for the Phase I (CCGPP 250 MWe, CCU, H₂, Gas connection pipeline, 110 KV cable).

Each Phase shall consist of natural gas fired, heavy duty/industrial type gas turbine(s) in any combination 1+1 / 2+1 / 3+1..., each connected to a dedicated unfired, dual-pressure level HRSGs (Heat Recovery Steam Generator). The steam turbine shall be of condensing type with process steam bleeds for internal consumption e.g CC. Tenderer can offer dedicate CC for each GT+HRSG or some other solution. The first phase is net rated capacity up to 250 MW and the main task is to design a power plant which will be able to provide very flexible electricity production with quick ramp-up rates able to provide peak shaving purposes and ancillary services.

Whole emissions will be passed thru carbon capture (CC) process and depending on the electricity market price produced kWh will be eventually used for production of H₂ through electrolysis with storage tanks. The Project includes the auxiliary systems and civil, mechanical, electrical and instrumentation works. Project will also include HV-110 kV cable connection to switchyard Slavonski Brod and gas connection to gas pipeline connection to MRS Slavonski Brod east.

Project will be financed from own funds, through bank loans and Investors.

In this preliminary tender Bidders are free to propose their best technical solution and combination of turbines (1+1 / 2+1 / 3+1 or some other).

Employer invites sealed Tenders from eligible Tenderers to submit preliminary tender for EPCM of the Phase I of the Project with intention to:

1. To prequalify eligible bidders
2. To receive preliminary technical solutions for Phase I and to make final decision about combination of turbines

3. To receive budgetary proposals for Phase I

Final Contract for the Project – Phase I will include Design (main, detailed, as-built), Engineering, Procurement and Construction on turnkey basis. This will also include licensing, permitting, site preparation and installation along with all necessary interconnections and infrastructure, certification, training, commissioning (incl. functional testing, guarantee tests and trial run) and taking-over according to contract and local legislative. In addition to the above, the final Contract will include LTSA contract.

Employer's responsibility will be to amend location permit and environmental permit as needed before issuing final tender for Phase I. Any changes during contractor's design which may result in need to change previously obtained permits will be responsibility of Tenderer.

Preliminary tender is open to all Tenderers from all countries.

Tender documents can be obtained by sending free of charge application form given in this Invitation. Applications should be sent to the following Office address:

CRODUX ENERGETIKA d.o.o.
Ulica Kaptol 19, 10 000 Zagreb, Croatia
e-mail: info@crodux-energetika.hr

Application is obligatory and only tenders from tenderers that have applied will be considered. Only applied tenderers will receive clarifications and addenda to tender documents. In case of Joint Venture or Consortium at least one member must be applied who can transfer clarifications and addenda to other members.

Preliminary Phase I Tender documents must be duly completed and delivered to Office address, latest on 24th of December 2021 at 12:00 a.m. Central European Time: Documents which are received late may be rejected.

The Employer will provide following awards for first three best evaluated preliminary tenders:

Ranking	Award [EUR]
1	€100,000.00
2	€50,000.00
3	€50,000.00

The Employer reserves the right to invite some or all Tenderers to submit final Phase I tenders, regardless of whether they received an award or not.

Tenderer will allow Employer to use received technical part of Tender documentation for his own purpose, including preparation of final Tender.

Interested Tenderers may obtain any further information from the above-mentioned Office.

To:

CRODUX ENERGETIKA d.o.o.
Ulica Kaptol 19
10 000 Zagreb, Croatia
info@crodux-energetika.hr

APPLICATION FORM

We, *[insert name of the company]* from *[insert country]* are interested to participate and would like to apply for Preliminary Phase I Tender no. CE-2021-09-30/AS for Project Hybrid Power Plant Slavonski Brod issued on 4th December 2021 by Crodux Energetika d.o.o.

Following are details of our company:

Full name of the company: _____

Address: _____

Country: _____

Tax identification number: _____

Name of the contact person: _____

Contact Address: _____

Contact telephone number: _____

Contact E-mail: _____

Please send us Tender documents, all future clarifications and addenda to above mentioned Contact details.

[Date and place]

[Name]
[signed by authorized person]