



09.01.2015

REQUEST FOR QUOTATION NO. PLCRC/2830700/06/65/2015

I. Buyer information:

ABB Sp. z o.o.
1 Zeganska St.
04-713 Warsaw
VAT PL526-030-44-84
Tel. +48 12 42 44 100
Fax. +48 12 42 44 101

II. Description of item requirements: Three-phase power supply (part of the AC/DC power amplifiers set).

1. Specification:

Programmable power supply:

- Modes of operation: AC (3 phase), DC, AC + DC, Sink current- Regenerative source
- Cooling system: air cooled
- AC mode:
 - Total power: 90kVA
 - Frequency range: 16-1000Hz
- AC Mode voltage
 - Voltage range: 0-300V
 - Harmonic Distortion: Less than 0.5% from 16 - 66 Hz, Less than 1% from 66 - 500 Hz, Less than 1.25% above 500 Hz
 - Voltage slew rate: 200 μ s for 10% to 90% of full scale change into resistive load, 0.5V / μ s
 - DC Offset: < 20 mV
- AC Mode Current
 - Steady State AC Current at Full Scale Voltage Output: 200A
 - Peak Repetitive AC Current: up to 3.6 x rms current at full scale voltage
 - Operation at full power: 100% voltage x 100% current; 80% voltage x 125% current
- DC Mode Output
 - Maximum power at full scale voltage: 45kW
 - Voltage ranges: 0-200V (low), 0-400V (high)
 - Ripple: < 3 Vrms
 - Maximum current: 3x 100A for low voltage range; 3x 50A for high voltage range
 - Current Limit: Programmable from 0 A to max. current for selected range
- AC+DC Mode Output
 - Output Power Maximum current and power in AC+DC mode is same as DC mode
- Measurement functions:
 - Measurement of frequency, peak and RMS values of current and voltage
 - Measurement of real and apparent power as well as of power factor
 - Harmonic analysis: up to 50 harmonics of the fundamental frequency, possibility to display results in tabular and graphical formats.
 - Waveform acquisition of voltages and currents using at least 4K sample buffer, possibility to save acquired data to disk.
- Remote Control



- IEEE-488 (GPIB): AH1, C0, DC1, DT1, L3, PP0, RL2, SH1, SR1, T6, IEEE-488.2, SCPI syntax
 - LAN
 - Software for controlling the power supply with use of a personal computer
 - Waveforms generation:
 - Predefined: sine, square
 - User defined waveform storage : 200 user defined arbitrary waveforms of 1024 points
 - Maximal physical dimensions:
 - Height: < 195cm ; Width: <83cm ; Depth: <105cm
 - Weight: <800kg
- 2. The Buyer does not accept bids for used items.**
- 3. The Buyer does not accept partial bids.**
- 4. The bid shall include:**
- The name, address, contact phone number and e-mail contact information of the Bidder,
 - Date of bid submission,
 - Net unit price for the each item,
 - The cost of transport (net),
 - Delivery terms,
 - The validity start and end date of the offer,
 - Payment terms - the preferred payments terms applicable at ABB Sp. z o.o. are first Wednesday after 60 days from receipt of correctly presented invoice, but not less than first Wednesday after 30 days from the invoice date.
 - Term of guarantee – preferred 24 months
- 5. The Buyer may reject the bid if:**
- The bid is delivered after submission date,
 - The content of the bid is not consistent with the description,
 - The bid contains an abnormally low price,
 - Other reasons.
- 6. The bid validity**
The shall be valid minimum until 31.01.2015.
- 7. Bids submission:**
The bids are to be sent to: joanna.jakubek@pl.abb.com
- 8. Deadline for sending the initial offer.**
16.01.2015 (including)
- 9. Deadline for sending the final offer.**
20.01.2015 (including)
- 10. Bid evaluation**
Evaluation of submissions will be carried out as a two-step process.
- The preliminary review will evaluate the level of compliance with the stated requirements.
 - The second review, (following bid update or negotiation) will select tenders which achieve the biggest number of points in accordance with the criteria. In cases where only one or two bids will be submitted, the Buyer reserves the right to invite them for negotiations.
- All of the criteria remain the same during the whole process.
- 11. The bids will be evaluated and weighted as follows:**
- Price – 100%



12. Bid response by the Buyer:

The Bidder will be informed whether her/his offer has won by e-mail.

13. Contact person:

For more technical information please contact Krzysztof Kóska at e-mail:
krzysztof.koska@pl.abb.com.

14. The subject matter of the Agreement shall be executed in accordance with the agreed lump-sum settlement of the remuneration.

15. The Buyer reserves the right to change the details of the bid request, no later than the required date of submission for initial requests.

III. Requirements for Suppliers:

The bid submittal can only be from suppliers / contractors who:

- have the authority, the necessary knowledge, experience and technical capacity, as well as resources to fulfill the bid requirements,
- are in a situation of economic and financial capacity,
- submit the bid with the required documents, statements, attachments and certificates,
- will be responsible for the quality and compliance with all the technical provisions specified,
- commit to carry out the work / service in accordance with the requirements of applicable Health and Safety and Environmental Protection Laws and have all appropriate permits and accreditations.

IV. Additional information:

- The Bidder bears their own costs and all risks associated with the preparation and submission of the bid.
- ABB reserves the right to change terms, rescind or cancel the procedure at any stage without giving reasons.
- ABB reserves the right until, the deadline for submission of bids, to make changes to the requirements, and commits as such to inform parties affected by such a change,
- ABB reserves the right to accept the whole or any part of the bid
- ABB reserves the right to negotiate with bidders.
- The entire process is conducted in accordance with procedures of ABB Sp. z o.o. – Public Procurement Law is not applicable
- Buyer can cancel the procedure at any time without giving reasons.
- Buyer rejects the possibility of concluding an agreement by the omission.
- This procedure does not cause for any entity submitting a bid exclusive rights to negotiate contract terms
- ABB reserves the right to no settlement of offer selection, without giving reasons,
- Each of the parties at any stage of the negotiations has the right to submit a written statement of the completion of negotiations without giving reasons.
- To avoid a doubt, ABB Sp. z o.o. declares that this procedure does not constitute a commitment or claims to conclude of any contract and the payment of compensation in case of no conclusion.
- The Bidder and ABB Sp z o.o. are obliged to confidentiality, for an indefinite period, in relation to the information obtained during the proceedings and negotiations in order to conclude the contract.
- This RFQ is an invitation to send a bid
- The bids will not be sent back.
- The Bidder accepts ABB General Terms and Conditions for Purchase of Goods.

Current RFQs can be tracked at:

<http://new.abb.com/pl/o-nas/technologie/korporacyjne-centrum-badawcze-abb/grant-unii-europejskiej>

Thank you and best regards,

Joanna Jakubek

joanna.jakubek@pl.abb.com