Power Supply Purchase 2022 - 2052

Request for Proposal For Great Lakes Utilities

September 30, 2021

Amended – October 7, 2021

Contact: Andy Onesti 1323 South 7th Street PO Box 965 Manitowoc, WI 54221-0965 Office: 920-686-4371 Email: aonesti@mpu.org

Great Lakes Utilities

Request for Proposal

Energy and/or Capacity Purchase(s)

Great Lakes Utilities (GLU) is a municipal electric company formed under Section 66.0825, Wis. Stats. As such, it is a public body and a political subdivision of the State of Wisconsin, with separate legal status from that of its members. GLU was formed in 2000 in order to become a vehicle for obtaining low cost and reliable electric power for its members. GLU is currently forecasting that it will need additional capacity and energy resources beginning in 2022 and is in the process of planning for how to obtain those resources.

GLU is a full Market Participant (MP) of the Midcontinent Independent Transmission System Operator (MISO) and is responsible for the load assets of the WPS.GLU load zone.

GLU's current projection of its annual energy and capacity requirements are shown in Appendix 1 and 2. GLU is also interested in reviewing proposals for renewable (wind or solar up to a total of 75 MWs) energy projects, with or without associated storage capabilities, that are either sited in north-east Wisconsin or have the energy delivered to WPS.GLU (or similar delivery point) and the capacity delivered to MISO Zone 2.

GLU is requesting proposals from electric suppliers to supply short-term and/or long-term energy and capacity resources to meet a portion of its members' projected load requirements. GLU is willing to entertain any viable alternative to meet its energy and capacity requirements including block energy products, tolling agreements, etc. Suppliers may submit proposals for energy with standard detailed information being provided in the RFP Response Package. The requested start date for the capacity purchases is June 1, 2023 and for energy purchases is January 1, 2022.

Transmission and Delivery Point(s)

Energy resources proposed to meet GLU's requirements shall be deliverable to the Midcontinent Independent Transmission System Operator (MISO) energy market. Seller shall clearly define the proposed delivery point within the MISO system. GLU's preferred delivery points for the capacity and energy products are listed in the tables in the Appendixes. GLU will entertain offers from other delivery points within the MISO system that are proposed.

Seller shall clearly define in the proposal how the energy will be scheduled within the MISO energy market (DA or RT). If the proposal is for settling the transaction in the DA market, Seller shall define their method for scheduling the energy. GLU's preference is for physical, DA energy products.

Pricing

Prices quoted shall be clearly indicated as either firm priced offers or prices subject to change. If prices are subject to change, the drivers in the pricing formula must be clearly stated.

Reservation of Rights

GLU reserves the right to accept or reject any proposals at its sole discretion. In addition, GLU reserves the right to consider other alternatives outside of this request to satisfy its energy supply needs.

RFP Schedule

The following schedule and deadlines apply to this RFP:

Activity	Date				
Issue RFP	September 30, 2021				
RFP Response Package Due	October 20, 2021				
Pricing review	November 2021				
Contract awards	December 2021				

All proposals submitted in response to this RFP must be received by GLU no later than October 20, 2021. Electronic versions of the responses will be acceptable. GLU reserves the right to unilaterally revise or suspend the schedule.

Proposal Responses and Inquiries

By submitting a proposal, each bidder agrees to accept and abide by the terms of this RFP. All costs incurred in responding to this RFP and preparing a proposal are the sole costs of the bidder. GLU will not reimburse any bidder for costs incurred in responding to this RFP or for costs incurred during any subsequent negotiations related to this RFP.

Please direct any questions and send proposals to the GLU Official Contact. Questions must be provided in writing to the Official Contact email address.

GLU Official Contact:

Andy Onesti Great Lakes Utilities 1323 South 7th Street, P.O. Box 965

Manitowoc, WI 55221 Phone: (920) 686-4371 E-mail: aonesti@mpu.org

Appendix 1 GLU Projected Energy Requirements

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	2023 - 2035 Energy Requirements										
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ltem#	Quantity (MWs)	Period	Delivery Period	Point	Pricing	Point	Pricing	Delivery Point	Pricing	Delivery Point	Pricing
Product #1	40 MWs 35 MWs	7 X 24 5 X 16	CY 2023	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	ann (1914 (1916) (1916)
Product #2	40 MWs	7 X 24	CY 2024	WPS.MPU	Property and the second	WPS.GLU		Minn.Hub	AND THE PROPERTY OF THE PROPER	Indiana.Hub	
Product #3	35 MWs 40 MWs	5 X 16 7 X 24	CY 2025	WPS.MPU	Market of Constitutions	WPS.GLU	ha merea marea marea	Minn.Hub	S S S S S S S S S S S S S S S S S S S	Indiana.Hub	dann andres ar ar stan co
Product #4	35 MWs 40 MWs	5 X 16 7 X 24	CY 2023 - 2025	WPS,MPU	14A+++01704+7014+7014+7014	WPS.GLU	ļ	Minn.Hub	Participation of the second se	Indiana.Hub	
	35 MWs 40 MWs	5 X 16 7 X 24						Sanda di San			
Product #5	35 MWs	5 X 16	CY 2023 - 2030	WPS.MPU	ndi dei ndessa, rei di cres di com	WPS.GLU	ed Complete (construence)	Minn.Hub		Indiana.Hub	
Product #6	40 MWs 35 MWs	7 X 24 5 X 16	CY 2031 - 2035	WPS.MPU	233 0 1 10 Physical Ministry C 0 1 10 12	WPS.GLU	6	Minn.Hub		Indiana.Hub	
Product #7	25 MWs	7 X 24	January, February, July & August 2022	WPS.MPU	The A Y are distributed and di	WPS.GLU	Proceedings of the control of the co	Minn.Hub	AND THE PROPERTY OF THE PROPER	I ndi ana.Hub	ander A suspensión de la company de la compa
Product #8	25 MWs	7 X 24	January, February, July & August 2023	WPS.MPU	**************************************	WPS.GLU		Minn.Hub	-	Indiana.Hub	*************
Product #9	25 MWs	7 X 24	January, February, July & August 2024	WPS.MPU	,	WPS.GLU		Minn.Hub		Indiana.Hub	Alexander of the section of the sect
Product #10	25 MWs	7 X 24	January, February, July & August 2025	WPS.MPU	y ar ay ar money money y count	WPS.GLU		Minn.Hub	S Description of the second of	Indiana.Hub	angla ta distribution of the same of the s
Product #11	25 MWs	7 X 24	January, February, July & August 2023 - 2025	WPS.MPU	AND AND AN AREA CONTROL OF A MARKET	WPS.GLU	E-MATTACHER MATTACK AT A TACHMAN	Minn.Hub	E CONTRACTOR CONTRACTO	Indiana.Hub	A
Product #12	25 MWs	7 X 24	January, February, July & August 2023 - 2030	WPS.MPU		WPS.GLU		Minn.Hub	**************************************	Indiana.Hub	CALLOWN Whomas hours
Product #13	25 MWs	7 X 24	January, February, July & August 2031 - 2035	WPS.MPU	: }wccerementered	WPS.GLU	**************************************	Minn.Hub	*	Indiana.Hub	
Product #14	10 MWs	7 X 24	March, June & August	WPS.MPU		WPS.GLU	F0 (070 -0 (0700 00 070-00)	Minn.Hub	*	Indiana.Hub	
Product #15	10 MWs	7 X 24	March, June & August 2024	WPS.MPU	7.04./// 20000000000000000000000000000000000	WPS.GLU	5	Minn.Hub		Indiana.Hub	~~*********
Product #16	10 MWs	7 X 24	March, June & August 2025	WPS.MPU		WPS.GLU		Minn.Hub		Indiana.Hub	······································
Product #17	10 MWs	7 X 24	March, June & August 2023 - 2025	WPS.MPU		WPS,GLU		Minn.Hub		Indiana.Hub	
Product #18	10 MWs	7 X 24	March, June & August 2023 - 2030	WPS.MPU		WPS,GLU		Minn.Hub	A Mariana Contraction	Indiana.Hub	**************************************
Product #19	10 MWs	7 X 24	March, June & August 2031 - 2035	WPS.MPU	Sany was true topographic y 1 grand	WPS.GLU	face de car de destación de facelles	Minn.Hub	\$ eq. (yes you grown - y - 100 grown	Indiana.Hub	**************************************
Product #20	15 MWs	7 X 24	November & December 2023	WPS.MPU		WPS.GLU		Minn.Hub	£	Indiana.Hub	
Product #21	15 MWs	7 X 24	November & December 2024	WPS.MPU		WPS.GLU		Minn.Hub	}	Indiana.Hub	
Product #22	15 MWs	7 X 24	November & December 2025	WPS,MPU		WPS,GLU		Minn.Hub	78.50	Indiana.Hub	-7,7,
Product #23	15 MWs	7 X 24	November & December 2023 - 2025	WPS.MPU	-	WPS,GLU	-	Minn.Hub	E	Indiana, Hub	***************************************
Product #24	15 MWs	7 X 24	November & December 2023 - 2030	WPS,MPU		WPS.GLU		Minn.Hub		Indiana.Hub	and the state of t
Product #25	15 MWs	7 X 24	November & December 2031 - 2035	WPS.MPU		WPS.GLU		Minn.Hub	C. William C. Car	Indiana.Hub	

Appendix 2 GLU Projected Capacity Requirements

Great Lakes Utilities 2023 - 2052 Capacity Requirements **Request For Quotations Preferred Proposed** Delivery Capacity Delivery Type **Delivery Period** Zone Item# Quantity Zone Pricing Pricing Product #1 45 MWs ZRC PY 23 - 24 Zone 2 Product #2 10 MWs **ZRC** PY 23 - 24 Zone 1 Product #3 60 MWs **ZRC** PY 24 - 25 Zone 2 Product #4 10 MWs ZRC PY 24 - 25 Zone 1 Product #5 60 MWs **ZRC** PY 25 - 26 Zone 2 Product #6 10 MWs ZRC PY 25 - 26 Zone 1 Product #7 60 MWs ZRC PY 23 - 26 Zone 2 Product #8 10 MWs ZRC PY 23 - 26 Zone 1 Product #9 60 MWs **ZRC** PY 23 - 30 Zone 2 Product #10 10 MWs **ZRC** PY 23 - 30 Zone 1 Product #11 60 MWs ZRC PY 31 - 35 Zone 2 Product #12 30 MWs ZRC PY 31 - 35 Zone 1 Product #13 35 MWs ZRC PY 23 - 52 Zone 2

Appendix 2 GLU Projected Capacity Requirements

Great Lakes Utilities 2023 - 2035 Capacity Requirements Request For Quotations

ltem#	Quantity	Capacity Type	Delivery Period	Preferred Delivery Zone	Pricing	Proposed Delivery Zone	Pricing
Product #1	45 MWs	ZRC	PY 23 - 24	Zone 2			
Product #2	10 MWs	ZRC	PY 23 - 24	Zone 1			
Product #3	60 MWs	ZRC	PY 24 - 25	Zone 2			
Product #4	10 MWs	ZRC	PY 24 - 25	Zone 1			
Product #5	60 MWs	ZRC	PY 25 - 26	Zone 2			
Product #6	10 MWs	ZRC	PY 25 - 26	Zone 1			
Product #7	60 MWs	ZRC	PY 23 - 26	Zone 2			
Product #8	10 MWs	ZRC	PY 23 - 26	Zone 1			
Product #9	60 MWs	ZRC	PY 23 - 30	Zone 2			
Product #10	10 MWs	ZRC	PY 23 - 30	Zone 1			
Product #11	60 MWs	ZRC	PY 31 - 35	Zone 2			
Product #12	30 MWs	ZRC	PY 31 - 35	Zone 1			
Product #13	35 MWs	ZRC	PY 23 - 52	Zone 2			