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# Business Opportunities Fair

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PAU Head

Energy Sector for Central West and East Asia



**11TH BUSINESS OPPORTUNITIES FAIR 2023**

**4 - 5 OCTOBER 2023 | 9:00 AM - 5:00 PM | MANILA**

# Region/Country Strategy

- ❖ Energy Security – uninterrupted availability, affordable pricing
  - ❖ Rehabilitation of aging and inadequate infrastructure
- ❖ Energy efficiency – increased generation with same resources
  - ❖ Change consumer behavior, improve efficiency from demand side
- ❖ Sector sustainability
  - ❖ Weak financial performance, limited private investment
- ❖ Climate Response
  - ❖ Address challenges posed by policy shift
- ❖ Regional Integration
  - ❖ Energy sharing to boost energy security



# Lending Pipeline, 2023-2024

Approval	Ctry	Project Lead	Modality	Project Name	Total (\$M)
2023	PAK	T. Mukhamedova	Project	Power Transmission Strengthening Project	250
2023	UZB	SD Kim / S. Musaev	Project	Distribution Network Digital Transformation and Resiliency Project	275
2023	UZB	N. Gurgenidze	Project	Digitize to Decarbonize - Power Transmission Grid Enhancement Project	125
2023	KAZ	L. Mtchedlishvili	Project	ALES Energy Transition and Modernization Project	214
2024	UZB	M. Jaer	MFF/PCG	Solar PPP Investment Program Tranche2 (Guzar Solar Project)	10
2024	GEO	A. Tareen	SDP-PBL	Energy Storage and Green Hydrogen Sector Development Program (previously named: Promoting Policies and Investments to Develop New Technologies)	30
2024	GEO	A. Tareen	SDP-Sector	Energy Storage and Green Hydrogen Sector Development Program (previously named: Promoting Policies and Investments to Develop New Technologies)	135
2024	PAK	SD Kim	Project Loan	Power Distribution Strengthening Project	200
2024	PAK	A Barseghyan	PRF	Hydropower Development (WAPDA) Project Readiness	15
2024	TKM	C. Santiago	Project Loan	National Power Grid Strengthening Project (additional financing)	300
2024	UZB	A. Tareen	PBL	Power Sector Reform Program, Subprogram 2 (PBL)	300
2024	KAZ	L Mtchedlishvili	Project	KEGOC Renewable Energy Supporting Grid Expansion Project	243
<b>Central West, Total</b>					<b>2097</b>

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# Lending Pipeline, 2023-2024

Approval	Ctry	Project Lead	Modality	Project Name	Total (\$M)
2023	PRC	Z. Lei	Project	Shanxi Low-carbon and Inclusive Rural Development Project	160
2023	PRC	A. Bano/N. Castelli	Project	Yichang Rural Green Development Project	200
2024	PRC	Y. Zhou	Project	Ningbo Green and Low Carbon Development Project	200
2024	MON	J. Torres	PBL	Climate Change Support Program	100
2024	MON	S. Cowlin	Project	Supporting Renewable Energy Development Project	44
2024	PRC	Z. Lei	RBL	Shaanxi Low-Carbon and Integrated Urban-Rural Sustainable Development Prc	200
				<b>East Asia, Total</b>	<b>904</b>



# Nonlending Pipeline, 2023-2025

Ctry	PTL/s	TA Type	TA Name	Total (\$'000)
PAK	SD Kim	F-TRTA	Preparing Sustainable Energy Investment Project (to support: (i) Second Access to Clean Energy Investment Program (ii) Second Power Transmission Strengthening Project, and (iii) Second Power Distribution Strengthening Project	1,800
UZB	A. Tareen	F-TRTA	Preparing Energy Sector Projects (to support: (i) Power Sector Reform Program, Subprogram 2 (\$200 million) P-PBL 2023 firm; (ii) Distribution Network Modernization project, Phase 2 (\$150 million) 2023 firm; (iii) Transmission Network Improvement project, Phase 2 (\$100 million) 2025 firm	1,200
UZB	A. Tareen	F-TRTA	TA 10100 Preparing Energy Sector Projects (to support: (i) Power Sector Reform Program, Subprogram 2 (\$200 million) P-PBL 2023 firm; (ii) Distribution Network Modernization project, Phase 2 (\$150 million) 2023 firm; (iii) Transmission Network Improvement project, Phase 2 (\$100 million) 2025 firm	1,000
UZB	SD Kim	TRTA	TA 6787 Power Sector Reform Support Program (additional financing)	300
REG	M Jaer	KSTA	TA 6540 Fostering Expanded Regional Electricity and Gas Interconnection and Trade under the CAREC Energy Strategy 2030 (additional financing)	500
REG	C. Meindl	F-TRTA	TA 9792 Preparing Sustainable Energy Projects in Central Asia (additional financing)	2,700
REG	L. Mtchedlishvili	F-TRTA	TA 9792 Preparing Sustainable Energy Projects in Central Asia (additional financing)	500
			<b>Central West, Total</b>	<b>8,000</b>
MON	A. Bano	TRTA	Smart Energy System Development Project	1,000
MON	TBD	KSTA	Capacity Development for Clean and Efficient Energy Use	1,250
MON	S. Cowlin	KSTA	Supporting Climate Policy Actions (Supplementary)	100
MON	D. Tran	KSTA	Supporting Energy-Saving Regulation and Energy Efficiency Investments	225
			<b>East Asia, Total</b>	<b>2,575</b>



# Opportunities

Project #	Country	Project Description	Procurement Package Name	Cost Estimate (\$M)	Contract Type	Advertisement Date
TBD	PAK	Power Distribution Strengthening Project	Distribution Consulting Firm	1.0	Consulting Firm	23-Aug-23
56306-001	PAK	Power Transmission Strengthening Project	Procurement of Goods - 500kV Double Circuit Quad Bundle Transmission Line from 500kV	58.4	OCB: Goods	Q3 2023
			Procurement of plant – design, supply, installation, testing and commissioning of 220kV D/C Twin Bundle T/Line from Bund Road G/S to NKLP G/S Part-I: 220kV Double Circuit on twin bundle ACSR "Rail" conductor overhead transmission line on steel	41.3	OCB: EPC	Q3 2024
			Procurement of Goods for 500kV D/C Quad Bundle T/L from Sangal to 500kV Maira Switching Station (approx. 83km) using ACSR "Bunting" Conductor	22.0	OCB: Goods	Q4 2023
			Procurement of goods for the construction of (i) about 70 km of 220kV double circuit transmission line from Mohmand HPP to Nowshera Industrial substation; and (ii) about 65 km of 220kV double circuit transmission line from Mohmand HPP to 220kV Jamrud	16.2	OCB: Goods	Q3 2025
			Procurement of goods for the construction of (iii) two line bays each at 220kV Nowshera Industrial and Jamrud substations	1.1	OCB: Goods	Q4 2023
			Procurement of goods for the construction of (iii) two line bays each at 220kV Nowshera Industrial and Jamrud substations	1.5	OCB: Goods	Q4 2023
			Telecom Equipment for Addition of 2 Line Bays each at 220KV Jamrud Substation & Nowshera	1.1	OCB: Goods	Q4 2023
			Project Management Consultant	5.5	Consulting Firm	Q4 2023
			Project Management Unit Restructuring	2.7	Consulting Firm	Q4 2023
			System operator functional separation	1.5	Consulting Firm	Q2 2024

# Opportunities

Project #	Country	Project Description	Procurement Package Name	Cost Estimate (\$M)	Contract Type	Advertisement Date
4271	PAK	Second Power Transmission Enhancement Investment Program, T4	Procurement of Goods for addition and augmentation of six existing grid stations for removal of NTDC system constraints	52.7	OCB: Goods	20-Mar-23
			Procurement of Transmission Line Material for Grid Stations (i) 220kV Dharki to Rahim Yar Khan T/L, (ii) 220kV Rahim Khar to Bahawalpur T/L, (iii) 220kV Sheikh Muhammadi to Jamrud T/L	48.2	OCB: Goods	Q4 2023
			Procurement of Connectors, String Assemblies, Power and Control Cables, and Conductors	6.2	OCB: Goods	Q4 2023
			Procurement of 500 kV, 220 kV, 132 kV Control, Relay, AC/DC Panels along with Design Installation, Testing & Commissioning	3.7	OCB: Goods	Q4 2023
			Procurement of Telecom Equipment alongwith Design, Installation, Testing & Commissioning	2.7	OCB: Goods	Q4 2023
4347	UZB	Distribution Network Digital Transformation and Resiliency Project	Rehabilitation and modernization of substations (Tashkent, Tashkent Region, Sirdarya)	69.5	OCB: EPC	11-Jul-23
			Rehabilitation and modernization of substations (Andijan, Fergana, Namangan)	57.4	OCB: EPC	28-Aug-23
			Rehabilitation and modernization of substations (Bukhara, Djizzak, Kashkadarya, Samarkand, Surkhandarya)	63.7	OCB: EPC	Q4 2023
			(Navoi, Karakalpakstan, Khorezm)	32.9	OCB: EPC	Q4 2023
			Project management and supervision consultant	4	Consulting Firm	20-Jun-23

Note: Projects are indicative, pending ADB Management and Board approval, and approval timelines are subject to change.



# Opportunities

Project #	Country	Project Description	Procurement Package Name	Cost Estimate (\$M)	Contract Type	Advertiser t Date
4326	UZB	Digitize to Decarbonize - Power Transmission Grid Enhancement Program	Rehabilitation of 4 high-voltage substations in 2 Lots	36.7	OCB: EPC	Q4-2023
			Project supervision and management (PIC)	4.4	Consulting Firm	26-Apr-23
			Corporate Governance Enhancement (Gender sensitive HR)	1.2	Consulting Firm	Q4-2023
			Corporate Governance Enhancement (PMU Restructuring)	2.4	Consulting Firm	Q4-2023
	PRC	Shanxi Low carbon and Inclusive Rural Development Project	Works for Houma EC Center main structures and auxiliary facilities	37.5	OCB: EPC	Q2/2024
			Xiangyuan No.2 WTP Works and Equipment provision and installation	21.4	OCB: EPC	Q2/2024
			Equipment provision for EC Center, community EC and village EC stations, and Seniority Culture and Skill Improvement Center and Training Center	20	OCB: Goods	Q4/2025
			Works for Hequ County Drainage Upgrade (road, upgraded sewer and storm water pipelines)	18.4	OCB: EPC	Q2/2024
			Civil Works for Xiadian Township WTP	8.3	OCB: EPC	Q2/2025
			Works for Ecological greening (Section I)	6.5	OCB: EPC	Q4/2024
			Works for Ecological greening (Section II)	6.5	OCB: EPC	Q4/2025
			Works and equipment provision and installations for sewer network pipelines and treatment stations for Jixian County Rural WWTPS	5.9	OCB: EPC	Q2/2024
			Works for Environmental and Science Education	5.8	OCB: EPC	Q4/2026
			Equipment Provision and Installation service for Rural Building energy efficiency upgrade	4.4	OCB: Goods	Q2/2025
			Works and equipment provision and installations for sewer network pipelines and treatment stations for Jixian County Rural WWTPS Lot 2 Checheng Township and Baishansi Township	4	OCB: EPC	Q4/2025
			Provision of science education exhibition equipment and materials	2.7	OCB: Goods	Q4/2026
			Smart Wetland equipment and software provision and installation	1.6	OCB: Goods	Q3/2025
			Project Management Consultants (including training and knowledge management)	1.2	Consulting Firm	Q4/2023

Board approval,





# Opportunities

Country	Project Description	Procurement Package Name	Cost Estimate (\$M)	Contract Type	Advertisement Date
PRC	Hubei Yichang Rural Green Development Project	Works for Rice fruit vegetable seedling breeding base	19.4	OCB: EPC	Q3 / 2024
		Equipment provision and installation for E-commerce green circulation system	8.8	OCB: Goods	Q2 / 2024
		Equipment provision and installation for the high-standard grain planting bases	8.3	OCB: Goods	Q2/2025
		Engineering design service	7.1	Consulting Firm	Q3 / 2023
		Equipment provision and installation for the Cattle and sheep breeding and manure treatment facility	7	OCB: Goods	Q3 / 2024
		Works for wetland rehabilitation and provision of wetland monitoring equipment	7	OCB: EPC	Q4 / 2024
		Works for Green Citrus Orchard High Standard Planting Base Construction	6.7	OCB: EPC	Q1 / 2025
		Works for agricultural technology innovation center upgrading	6.4	OCB: EPC	Q4 / 2024
		Works for E-commerce green circulation system-Xiaoxi Tower E-commerce Center and Leijiafan Secondary E-commerce Center	6	OCB: EPC	Q1 / 2024
		Works and equipment provision and installation for the Cattle and sheep breeding and manure treatment facility	6	OCB: EPC	Q2 / 2024
		Works for the manure treatment facility	5.6	OCB: EPC	Q2 / 2024
		Works and equipment provision for resource treatment and recycling (Huangbai River Safe Drinking Water System, Rural sewage management and garbage facilities)	5.5	OCB: EPC	Q2/2025
		Provision of smart agriculture integration and cloud big data equipment	5.3	OCB: Goods	Q2/2026
		Provision of equipment for E-commerce green circulation system-Cold room equipment and Cold chain equipment	5.1	OCB: Goods	Q1 / 2024

and approval timelines are subject to change.

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# Thank You!

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