

PROCUREMENT PLAN

Basic Data

Project Name: Second Power Transmission Enhancement Investment Program (Tranche 4)	
Project Number: 48078-006	Approval Number: 4271
Country: Pakistan	Executing Agency: National Transmission & Despatch Company Limited
Project Financing Amount: US\$ 296,000,000 ADB Financing: US\$ 189,000,000 Cofinancing (ADB Administered): Non-ADB Financing: US\$ 107,000,000	Implementing Agency: N/A
	Project Closing Date: 23 August 2026
Date of First Procurement Plan: 8 December 2022	Date of this Procurement Plan: 8 December 2022, Version 0
Procurement Plan Duration: 18 months	Related to COVID-19 response efforts: No
Advance Contracting: Yes	Use of e-procurement (e-GP): No

A. Methods, Review and Procurement Plan

Except as the Asian Development Bank (ADB) may otherwise agree, the following methods shall apply to procurement of goods, works, and consulting services.

Procurement of Goods and Works	
Method	Comments
Open Competitive Bidding (OCB) for Goods	
Request For Quotation for Goods	
Open Competitive Bidding (OCB) for Works	
Request For Quotation for Works	

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	90:10
Competitive for Individual Consultant	

B. Lists of Active Procurement Packages (Contracts)

The following table lists goods, works, non-consulting and consulting services contracts for which the procurement activity is either ongoing or expected to commence within the procurement plan duration.

Goods and Works							
Package Number	General Description	Estimated Value (in US\$)	Procurement Method	Review	Bidding Procedure	Advertisement Date (quarter/year)	Comments
ADB-109RA-2021	Procurement of goods for operation and maintenance of NTDC assets to reduce the substations breakouts	9,200,000.00	OCB	Prior	1S1E	Q3 / 2021	Non-Consulting Services: No Advertising: International No. Of Contracts: 2 Prequalification of Bidders: No Domestic Preference Applicable: Yes Advance Contracting:

	<p>Lot 1: Lot-I : 550 kV CBs along with spare parts</p> <p>Lot 2: Lot-II : 245 kV CBs along with spare parts</p>	<p>3,400,000.00</p> <p>5,800,000.00</p>					<p>Yes</p> <p>Bidding Document: Goods</p> <p>High Risk Contract: No</p> <p>Covid-19 Response? No</p> <p>Comments: Formerly 109-2021 under L3419 PAK</p>
ADB-201A Lot-I	Procurement of Plant - design, supply, installation, testing and commissioning of 220kV transmission line for looping in/out of the proposed Hala Road Jamshoro 220kV s/c transmission line at Mirpur Khas New	17,000,000.00	OCB	Prior	1S2E	Q1 / 2020	<p>Non-Consulting Services: No</p> <p>Advertising: International</p> <p>No. Of Contracts: 1</p> <p>Prequalification of Bidders: No</p> <p>Domestic Preference Applicable: Yes</p> <p>Advance Contracting: Yes</p> <p>Bidding Document: Plant</p> <p>High Risk Contract: No</p> <p>Covid-19 Response? No</p>
ADB-401D-2022	Procurement of Plant - design, manufacture, supply, installation, testing & commissioning of 220kV double circuit transmission line for looping in/out one circuit of the existing Jamshoro T.M. Khan 220kV D/C T/L at Hala	16,000,000.00	OCB	Prior	1S1E	Q3 / 2022	<p>Non-Consulting Services: No</p> <p>Advertising: International</p> <p>No. Of Contracts: 1</p> <p>Prequalification of Bidders: No</p> <p>Domestic Preference Applicable: Yes</p> <p>Advance Contracting:</p>

	Road 220kV Substation						Yes Bidding Document: Plant High Risk Contract: No Covid-19 Response? No Comments: Formerly package 201A-Lot II
ADB-401E-01-2022	Procurement of Goods for addition and augmentation of six existing grid stations for removal of NTDC system constraints Lot 1: 750 MVA 500/220kV ATB for 500kV Faisalabad West (one bank) Lot 2: 600 MVA 500/220kV ATB for 500kV Sheikhpura (one bank) Lot 3: 450 MVA 500/220kV ATB for 500kV Dadu, 500kV New Multan (two banks), 500kV Rawat Lot 4: 1.250 MVA 220/132kV ATF for 500kV Guddu and	43,745,000.00 7,350,000.00 6,710,000.00 10,410,000.00 8,990,000.00	OCB	Prior	1S1E	Q1 / 2023	Non-Consulting Services: No Advertising: International No. Of Contracts: 8 Prequalification of Bidders: No Domestic Preference Applicable: Yes Advance Contracting: No Bidding Document: Goods High Risk Contract: No Covid-19 Response? No Comments: Estimated value of Lot 5 includes the \$2.8 million CBs from Lot 3 of ADB-109RA-2021 package

	500kV RYK (3 Nos.) II.250 MVA 220/132kV ATF for 220kV Jamrud G/S (2 Nos.) Lot 5: 500/220/145/13 2 kV Circuit Breakers Lot 6: 500/220/132 kV Isolators Lot 7: 500/220/132 kV Current/Voltage Transformers Lot 8: 444/198/120/50 0 kV Surge Arrestors and 500/220/132 kV Post Insulators	3,830,000.00 2,985,000.00 2,900,000.00 570,000.00					
ADB-401E-02-2022	Procurement of 500 kV, 220 kV, 132 kV Control, Relay, AC/DC Panels along with Design Installation, Testing & Commissioning	3,700,000.00	OCB	Prior	1S1E	Q2 / 2023	Non-Consulting Services: No Advertising: International No. Of Contracts: 1 Prequalification of Bidders: No Domestic Preference Applicable: Yes Advance Contracting: No Bidding Document: Goods High Risk Contract: No Covid-19 Response? No
ADB-401E-03-2022	Procurement of Connectors, String Assemblies, Power and Control Cables, and Conductors	6,180,000.00	OCB	Prior	1S1E	Q2 / 2023	Non-Consulting Services: No Advertising: International No. Of Contracts: 5 Prequalification of Bidders: No Domestic Preference Applicable: Yes Advance Contracting:

	<p>Lot 1: Connectors, String Assemblies, Aluminium Tubes and associated Hardware</p> <p>Lot 2: Power and Control Cables, AAC, Copper Conductors and Shield Wire</p> <p>Lot 3: 500kV and 220kV Columns and Beams</p> <p>Lot 4: I. Power Transformer 132/11kV 10/13MVA (1 Nos) and II. 11.5/ 0.415 kV, 200kVA Pad Mounted Transformer (2 Nos.)</p> <p>Lot 5: Earthing Material</p>	<p>1,750,000.00</p> <p>3,200,000.00</p> <p>700,000.00</p> <p>280,000.00</p> <p>250,000.00</p>					<p>No</p> <p>Bidding Document: Goods</p> <p>High Risk Contract: No</p> <p>Covid-19 Response? No</p>
ADB-401E-0 4-2022	Procurement of Telecom Equipment alongwith Design, Installation, Testing & Commissioning	2,700,000.00	OCB	Prior	1S1E	Q3 / 2023	<p>Non-Consulting Services: No</p> <p>Advertising: International</p> <p>No. Of Contracts: 1</p> <p>Prequalification of Bidders: No</p> <p>Domestic Preference Applicable: Yes</p> <p>Advance Contracting: No</p> <p>Bidding Document: Goods</p> <p>High Risk Contract: No</p> <p>Covid-19 Response? No</p>

ADB-401F-2022	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	48,109,621.00	OCB	Prior	1S1E	Q2 / 2023	Non-Consulting Services: No Advertising: International No. Of Contracts: 6 Prequalification of Bidders: No Domestic Preference Applicable: Yes Advance Contracting: No Bidding Document: Goods High Risk Contract: No Covid-19 Response? No
	Lot 1: 220kV Towers	28,420,000.00					
	Lot 2: Conductor	15,328,494.00					
	Lot 3: OPGW & Accessories	519,472.00					
	Lot 4: Hardware & Accessories	296,751.00					
	Lot 5: Insulators	2,647,956.00					
	Lot 6: Dampers	896,948.00					

Consulting Services							
Package Number	General Description	Estimated Value (in US\$)	Selection Method	Review	Type of Proposal	Advertisement Date (quarter/year)	Comments
None							

C. List of Indicative Packages (Contracts) Required Under the Project

The following table lists goods, works, non-consulting and consulting services contracts for which procurement activity is expected to commence beyond the procurement plan duration and over the life of the project (i.e., those expected beyond the current procurement plan duration).

Goods and Works						
Package Number	General Description	Estimated Value (in US\$)	Procurement Method	Review	Bidding Procedure	Comments
None						

Consulting Services						
Package Number	General Description	Estimated Value (in US\$)	Selection Method	Review	Type of Proposal	Comments
None						

D. Non-ADB Financing

The following table lists goods, works, non-consulting and consulting services contracts over the life of the project, financed by Non-ADB sources.

Goods and Works				
General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Comments
None				

Consulting Services				
General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Recruitment Method	Comments
Construction Supervision Consulting Firm	5,000,000.00	5	QCBS	Covid-19 Response? No Recruitment Method: NCB