

ANNUAL PROCUREMENT PLAN (APP) (1st Revision)

Ministry of Energy Power & Mineral Resources/Power Division
 BANGLADESH POWER DEVELOPMENT BOARD
 Directorate of Purchase, BPDB, Dhaka.

Fiscal Year: 2022-2023

BUDGET: REVENUE (FOREIGN CURRENCY)

Fig. In Lac Taka (Estimated)

Package No.	Lot No.	Description of the Materials	Unit	Quantity	Procurement Method & Type	Contract Approving Authority	Source of Fund	Estd. Cost (Tk. in Lac)		Time Code for Process	Advertise Tender	Tender Opening	Tender Evaluation	Approval to Award	Notification of Award	Signing of the Contract	Completion of Contract	Total Time (Date/Days)	Remarks	
								Unit Cost	Total Cost											
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
GRF-01 (Deleted)	1	11 kV DOFC (for Tongi Store)	Nos.	3,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.05	144.00	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23		
				Planned Days				0	42	14	7	7	28	180	278					
		11 kV LA (for Tongi Store)	Nos.	3,000				0.04	108.00	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23		
				Planned Days				0	42	14	7	7	28	180	278					
	2	11 kV DOFC (for Fauzderhat Store)	Nos.	3,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.05	144.00	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23		
				Planned Days				0	42	14	7	7	28	180	278					
		11 kV LA (for Fauzderhat Store)	Nos.	3,000				0.04	108.00	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23		
				Planned Days				0	42	14	7	7	28	180	278					
Total								504.00												
GRF-02 (Deleted)	-	33 kV HOT STICK (Tongi Store)	Nos.	100	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	10.00	1,000.00	Planned Dates	25-Nov-22	6-Jan-23	20-Jan-23	27-Jan-23	3-Feb-23	3-Mar-23	30-Aug-23	30-Aug-23		
										Planned Days	0	42	14	7	7	28	180	278		
GRF-03	-	Supply of Single Phase & Three Phase Solid State Smart Prepayment Meter with PLC Module for Chaitogram Zone	Nos.		OTM	Ministry	BPDB's Revenue Budget (Foreign)			Planned Dates	12-Jan-23	23-Feb-23	9-Mar-23	16-Mar-23	23-Mar-23	20-Apr-23	17-Oct-23	17-Oct-23		
									Planned Days	0	42	14	7	7	28	180	278			
		a) Single Phase						85,000	0.03580	3,043.00	Planned Dates	12-Jan-23	23-Feb-23	9-Mar-23	16-Mar-23	23-Mar-23	20-Apr-23	17-Oct-23	17-Oct-23	
		b) Three Phase						5,000	0.08780	439.00	Planned Dates	0	42	14	7	7	28	180	278	
		Total								3,482.00										
GRF-04	-	Supply of Single Phase & Three Phase Solid State Smart Prepayment Meter with PLC Module for Cumilla Zone	Nos.		OTM	Ministry	BPDB's Revenue Budget (Foreign)			Planned Dates	12-Jan-23	23-Feb-23	9-Mar-23	16-Mar-23	23-Mar-23	20-Apr-23	17-Oct-23	17-Oct-23		
									Planned Days	0	42	14	7	7	28	180	278			
		a) Single Phase						85,000	0.03580	3,043.00	Planned Dates	12-Jan-23	23-Feb-23	9-Mar-23	16-Mar-23	23-Mar-23	20-Apr-23	17-Oct-23	17-Oct-23	
		b) Three Phase						5,000	0.08780	439.00	Planned Dates	0	42	14	7	7	28	180	278	
		Total								3,482.00										
GRF-05	-	Supply of Single Phase & Three Phase Solid State Smart Prepayment Meter with PLC Module for Mymensingh Zone	Nos.		OTM	Ministry	BPDB's Revenue Budget (Foreign)			Planned Dates	9-Mar-23	20-Apr-23	4-May-23	11-May-23	18-May-23	15-Jun-23	12-Dec-23	12-Dec-23		
									Planned Days	0	42	14	7	7	28	180	278			
		a) Single Phase						85,000	0.03580	3,043.00	Planned Dates	9-Mar-23	20-Apr-23	4-May-23	11-May-23	18-May-23	15-Jun-23	12-Dec-23	12-Dec-23	
		b) Three Phase						5,000	0.08780	439.00	Planned Dates	0	42	14	7	7	28	180	278	
		Total								3,482.00										
GRF-06	-	Supply of Single Phase & Three Phase Solid State Smart Prepayment Meter with PLC Module for Sylhet Zone	Nos.		OTM	Ministry	BPDB's Revenue Budget (Foreign)			Planned Dates	9-Mar-23	20-Apr-23	4-May-23	11-May-23	18-May-23	15-Jun-23	12-Dec-23	12-Dec-23		
									Planned Days	0	42	14	7	7	28	180	278			
		a) Single Phase						85,000	0.03580	3,043.00	Planned Dates	9-Mar-23	20-Apr-23	4-May-23	11-May-23	18-May-23	15-Jun-23	12-Dec-23	12-Dec-23	
		b) Three Phase						5,000	0.08780	439.00	Planned Dates	0	42	14	7	7	28	180	278	
		Total								3,482.00										

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GRF-07	-	Supply of 10-20/5A Current Transformer (CT)	Set	500	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	0.737	368.50	Planned Dates	21-Jul-22	1-Sep-22	15-Sep-22	22-Sep-22	29-Sep-22	27-Oct-22	25-Apr-23	25-Apr-23	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-08	-	Supply of 15-30/5A Current Transformer (CT)	Set	500	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	0.772	385.83	Planned Dates	21-Jul-22	1-Sep-22	15-Sep-22	22-Sep-22	29-Sep-22	27-Oct-22	25-Apr-23	25-Apr-23	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-09	-	Supply of 25-50/5A Current Transformer (CT)	Set	500	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	0.780	390.12	Planned Dates	18-Aug-22	29-Sep-22	13-Oct-22	20-Oct-22	27-Oct-22	24-Nov-22	23-May-23	23-May-23	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-10 (Revised)	-	Supply of 30-60/5A Current Transformer (CT)	Set	500	e-GP (ICB)	Member, Distribution	BPDB's Revenue Budget (Foreign)	0.784	392.15	Planned Dates	18-Aug-22	29-Sep-22	13-Oct-22	20-Oct-22	27-Oct-22	24-Nov-22	23-May-23	23-May-23	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-11	-	Supply of Potential Transformer (PT) 11000/110 V	Set	500	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	0.696	348.15	Planned Dates	18-Aug-22	29-Sep-22	13-Oct-22	20-Oct-22	27-Oct-22	24-Nov-22	23-May-23	23-May-23	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-12	-	Supply of 110 V, 3*5(6) A 3-Phase, 4-Wire, Accuracy Class-0.2 Solid State double Tariff Programmable Energy Meter with Modem	Nos.	1,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.671	671.00	Planned Dates	11-May-23	22-Jun-23	6-Jul-23	13-Jul-23	20-Jul-23	17-Aug-23	13-Feb-24	13-Feb-24	
										Planned Days	0	42	14	7	7	28	180	278	
										Planned Days									
GRF-13	-	Twist Tight (TT) Bar-coded Seal	Nos.	1,400,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.00032	446.60	Planned Dates	11-May-23	22-Jun-23	6-Jul-23	13-Jul-23	20-Jul-23	17-Aug-23	13-Feb-24	13-Feb-24	
										Planned Days	0	42	14	7	7	28	180	278	
GRF-14	-	Design, Supply, Installation, Testing & Commissioning of DLMS/COSEM (Open Protocol) Automated Meter Reading (AMR) System Software with related hardware & Provide billing data to BPDB billing server and 400 Nos. of 110V, 3*1(10)A, 3-Phase, 4-Wire Double Tariff Fully Programmable Energy Meter on turnkey basis & 5 year's operational support service.	Lot	1	OTM	Board of BPDB	BPDB's Revenue Budget (Foreign)	2,800.00000	2,800.00	Planned Dates	22-Dec-22	2-Feb-23	16-Feb-23	23-Feb-23	2-Mar-23	30-Mar-23	26-Sep-23	26-Sep-23	
										Planned Days	0	42	14	7	7	28	180	278	
										Planned Days									
GRF-15	-	Design, Supply, Installation, Testing-Commissioning of Transformer Oil Re-Generation Plant for CERS, Tongi, Gazipur on Trunkey Basis.	Lot	1	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	325.00	325.00	Planned Dates	16-Sep-22	28-Oct-22	11-Nov-22	18-Nov-22	25-Nov-22	23-Dec-22	21-Jun-23	21-Jun-23	
										Planned Days	0	42	14	7	7	28	180	278	
										Actual Dates									

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GRF-16	(a) Earth Leakage Clamp Meter: Milliampere Clip on Meter (Selectable range : 0-20mA, 0-200mA, 0-20A) (for Tongi Store)	Nos.	30	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	1.65	49.50	Planned Dates	16-Sep-22	28-Oct-22	11-Nov-22	18-Nov-22	25-Nov-22	23-Dec-22	21-Jun-23	21-Jun-23			
											Planned Days	0	42	14	7	7	28	180	278	
	(b) Relay Testing Set (Single Phase Injection) (for Tongi Store)	Nos.	20				8.80	176.00	Planned Dates	16-Sep-22	28-Oct-22	11-Nov-22	18-Nov-22	25-Nov-22	23-Dec-22	21-Jun-23	21-Jun-23			
									Planned Days	0	42	14	7	7	28	180	278			
	(C) Breaker Analyzer (With Close-Open Timing, Contact Resistance Measurement, Bounce, Contact travel etc) (for Tongi Store)	Nos.	4				48.40	193.60	Planned Dates	16-Sep-22	28-Oct-22	11-Nov-22	18-Nov-22	25-Nov-22	23-Dec-22	21-Jun-23	21-Jun-23			
									Planned Days	0	42	14	7	7	28	180	278			
	Total						419.10													
GRF-17	Supply of Oil Testing Lab			OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)														
	(a) Corrosive Sulphur Content Test- ASTM D1275B	Set	2				3.93	7.85	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(b) Viscosity (40 OC) Test- ASTM D445	Set	2				3.30	6.60	Planned Days	0	42	14	7	7	28	180	278			
	(c) Dielectric Dissipation Factor Test (Tan Delta)- IEC 60247	Set	2				42.08	84.15	Actual Dates											
	(d) Flash Point (Open Cup Method) Test	Set	2				28.60	57.20	Planned Days											
	(e) Pour Point ASTM D97-57	Set	2				4.91	9.81	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(f) Neutralization Number Test (Titrimo 848 metrohm)	Set	2				56.10	112.20	Planned Days	0	42	14	7	7	28	180	278			
	(g) Furan Analysis Test	Set	2				43.48	86.97	Actual Dates											
	(h) PCBs Content Test Machine (L2000 DXT PCB or Chloride Analyzer)	Set	2				7.44	14.87	Planned Days	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(i) Resistivity Test (260C)	Set	2				28.05	56.10	Actual Dates	0	42	14	7	7	28	180	278			
	(j) Copper strip corrosion	Set	2				16.83	33.66	Planned Days											
	(k) PH value test	Set	2				0.70	1.41	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(l) Calorific Value Test (HCV/LCV)	Set	2				30.86	61.71	Planned Days	0	42	14	7	7	28	180	278			
	(m) TAN/TBN test machine	Set	2				49.09	98.19	Actual Dates											
	(n) Sediment and sludge - AS 1883	Set	2				7.01	14.01	Planned Days	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(o) Degree of Polymerization ASTM D4243	Set	2				9.39	18.79	Actual Dates	0	42	14	7	7	28	180	278			
	(p) Permittivity- IEC 60247	Set	1				7.02	7.02	Planned Days											
	(q) Wear Metal Analysis- ASTM D5185	Set	1				4.91	4.91	Planned Dates	18-Nov-22	30-Dec-22	13-Jan-23	20-Jan-23	27-Jan-23	24-Feb-23	23-Aug-23	23-Aug-23			
	(r) Oxidation - IEC 61125	Set	1				2.81	2.81	Planned Days	0	42	14	7	7	28	180	278			
	(s) Lead Content Test	Set	1				5.61	5.61	Actual Dates											
	Total						683.86													

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GRF-18	Supplies of Oil Training Lab (a) N.F. Lab Moisture content Testing Machine KIT curing Oven (b) Reagent for Coulometric KF titration analytic solution (Hydranal-Coulomat AG Honeywell), 0.5L/bottle (c) Reagent for Coulometric KF titration (catholyte solution (Hydranal Coulomat CC, Honeywell), 10X5ml ampoules/pack density (200C) 1.064g/cm ³ , flash point: 140C (d) DGA Filter KIT (Model Transport X, GE) Inlet, outlet both (e) DGA Transport X Calibration Set (GE Transport X) (f) DGA Transformer oil Sample Collection Set (g) ASTM Thermo-Hydrometer with Standard Funnel	Set	1	OTM	Director, Purchase	BRDB's Revenue Budget (Foreign)	0.143	2.57	Actual Dates	10-Jan-23	21-Feb-23	7-Mar-23	14-Mar-23	21-Mar-23	18-Apr-23	15-Oct-23	15-Oct-23		
																		0.847	0.83
							0.286	2.86	Planned Days	0	42	14	7	7	28	180	278		
							0.0044	0.44	Planned Days										
							8.415	8.42	Planned Dates	10-Jan-23	21-Feb-23	7-Mar-23	14-Mar-23	21-Mar-23	18-Apr-23	15-Oct-23	15-Oct-23		
							2.805	14.03	Planned Days	0	42	14	7	7	28	180	278		
							0.033	0.03	Actual Dates										
							Total	29.19											
GRF-19	(a) Universal Testing Machine upto 20 Ton capacity	Set	1	OTM	Chairman, BRDB	BRDB's Revenue Budget (Foreign)	86.96	86.96	Planned Dates	20-Jan-23	3-Mar-23	17-Mar-23	24-Mar-23	31-Mar-23	28-Apr-23	25-Oct-23	25-Oct-23		
	(b) Puncture Test machine upto 200KV	Set	1				84.15	84.15	Planned Days	0	42	14	7	7	28	180	278		
	(c) C/B/M/C/B Test Bench 3-Phase upto 2000A	Set	1				91.16	91.16	Actual Dates										
	(d) SKA Injection Set with timer for LA	Set	1				9.26	9.26	Planned Days										
	(e) Electro-Mechanical load test set for insulator upto 150KV	Set	1				10.10	10.10	Planned Dates	20-Jan-23	3-Mar-23	17-Mar-23	24-Mar-23	31-Mar-23	28-Apr-23	25-Oct-23	25-Oct-23		
	(f) Dyanal (Dielectric insulation analyzer) set	Set	1				38.57	38.57	Planned Days	0	42	14	7	7	28	180	278		
	(g) Porosity Tester for insulator	Set	1				30.86	30.86	Actual Dates										
	(h) CT analyzer	Set	1				46.98	46.98	Planned Dates	20-Jan-23	3-Mar-23	17-Mar-23	24-Mar-23	31-Mar-23	28-Apr-23	25-Oct-23	25-Oct-23		
	(i) Battery Charger Set	Set	1				8.56	8.56	Planned Days	0	42	14	7	7	28	180	278		
	(j) Mechanical Failing Load Test set for insulator upto 150KN	Set	1				7.44	7.44	Actual Dates										
							Total	414.02											
GRF-20 (New)	Supply of (a) 400V, (6) A L.T-CT Meter and Meter Enclosure Box with necessary Software and optical Probe	Nos	500	OTM	Chairman, BRDB	BRDB's Revenue Budget (Foreign)	498.00	498.00	Planned Dates	6-Oct-23	17-Nov-23	1-Dec-23	8-Dec-23	15-Dec-23	12-Jan-24	10-Jul-24	10-Jul-24		
	(b) L.T-CT 200/5 A	Nos	1,500																
GRF-21 (New)	(a) Transformer Oil (Tongji Store)	Liter	100,000	OTM	Chairman, BRDB	BRDB's Revenue Budget (Foreign)	0.00215	215.00	Planned Dates	28-Jan-23	11-Mar-23	25-Mar-23	1-Apr-23	8-Apr-23	6-May-23	2-Nov-23	2-Nov-23		
	(b) Transformer Oil (Fouzedhat Store)	Liter	100,000							215.00	Planned Days	0	42	14	7	7	28	180	278
							Total	430.00											
GRF-22 (New)	11KV Incoming Switchgear Panel (1600 amps) (Fouzedhat Store)	Nos	20	OTM	Chairman, BRDB	BRDB's Revenue Budget (Foreign)	24.00	480.00	Planned Dates	6-Feb-23	20-Mar-23	3-Apr-23	10-Apr-23	17-Apr-23	15-May-23	11-Nov-23	11-Nov-23		

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