

ANNUAL PROCUREMENT PLAN (APP)

Fiscal Year: 2022-2023

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

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	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-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									
	2	11 kV LA (for Tongi Store)	Nos.	3,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.04	108.00	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									
			11 kV DOFC (for Fauzderhat Store)	Nos.	3,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.05	144.00	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								
		11 kV LA (for Fauzderhat Store)	Nos.	3,000	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	0.04	108.00	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									
Total								504.00														
GRF-02	-	33 kV HOT STICK (Tongi Store)	Nos.	40	OTM	Member, Distribution	BPDB's Revenue Budget (Foreign)	10.00	400.00	Planned Dates	25-Aug-22	6-Oct-22	20-Oct-22	27-Oct-22	3-Nov-22	1-Dec-22	30-May-23	30-May-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 Chattogram 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 Days	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 Days	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 Days	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 Days	0	42	14	7	7	28	180	278	
Total								3,482.00														

Handwritten signatures and initials are present at the bottom of the page, including 'CM', 'AG', 'AN', 'S', and 'JAP'.

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-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	-	Supply of 30-60/5A Current Transformer (CT)	Set	500	OTM	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 Power Transformer (PT) 11000/110 kV	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,3x5(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, 3x1(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									

G

AS

✓

I

RFP

Package No.	Lot No.	Description of the Materials	Unit	Quantity	Procurement Method & Type	Contract Approving Authority	Source of Fund	Estid 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-16		(a) Earth Leakage Clamp Meter/Milliamperere 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				
		(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				
		(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				
		Total							419.10													
GRF-17		Supply of Oil Testing Lab	Set	2	OTM	Chairman, BPDB	BPDB's Revenue Budget (Foreign)	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				
		(a) Corrosive Sulphur Content Test-ASTM D1275B	Set	2				3.30	6.60	Planned Days	0	42	14	7	7	28	180	278				
		(b) Viscosity (40 OC) Test- ASTM D445	Set	2				42.08	84.15	Actual Dates												
		(c) Dielectric Dissipation Factor Test (Tan Delta)- IEC 60247	Set	2				28.60	57.20	Planned Days												
		(d) Flash Point (Open Cup Method) Test	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				
		(e) Pour Point ASTM D97-57	Set	2				56.10	112.20	Planned Days	0	42	14	7	7	28	180	278				
		(f) Neutralization Number Test (Titrimo 848 metrohom)	Set	2				43.48	86.97	Actual Dates												
		(g) Furan Analysis Test	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				
		(h) PCBs Content Test Machine (L2000 DXT PCB or Chloride Analyzer)	Set	2				28.05	56.10	Actual Dates	0	42	14	7	7	28	180	278				
		(i) Resistivity Test (260C)	Set	2				16.83	33.66	Planned Days												
		(j) Copper strip corrosion	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				
		(k) PH value test	Set	2				30.86	61.71	Planned Days	0	42	14	7	7	28	180	278				
		(l) Calorific Value Test (HCV/LCV)	Set	2				49.09	98.19	Actual Dates												
		(m) TAN/TBN test machine	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				
		(n) Sediment and sludge - AS 1883	Set	2				9.39	18.79	Actual Dates	0	42	14	7	7	28	180	278				
		(o) Degree of Polymerization ASTM D4243	Set	2				7.02	7.02	Planned Days												
		(p) Permittivity- IEC 60247	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				
		(q) Wear Metal Analysis- ASTM D5185	Set	1				2.81	2.81	Planned Days	0	42	14	7	7	28	180	278				
		(r) Oxidation - IEC 61125	Set	1				5.61	5.61	Actual Dates												
		(s) Lead Content Test	Set	1				Total			683.86											

✓

AG

✓

2

239

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-18		Supply of Oil Testing Lab	Set	1	OTM	Director, Purchase	BPDB's Revenue Budget (Foreign)	0.847	0.85	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																		
		(a) KF-Lab Moisture content Testing Machine KIT curing Oven	Nos.	10																	0.286	2.86	Planned Days	0	42	14	7	7	28	180	278					
		(b) Reagent for Coulometric KF titration analytic solution (Hydranal-Coulomat AG, Honeywell), 0.5L/bottle	Nos.	18																	0.143	2.57	Actual Dates													
		(c) Reagent for Coulometric KF titration (catholyte solution (Hydranal Coulomat CG, Honeywell), 10X5ml ampoules/pack, density (200C) 1.064gm/cm3, flash point: 140C	Nos.	100																	0.0044	0.44	Planned Days													
		(d) DGA Filter KIT (Model Transport X, GE) inlet, outlet both	Set	1																	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					
		(e) DGA Transport X Calibration Set (GE Transport X)	Set	5																	2.805	14.03	Planned Days	0	42	14	7	7	28	180	278					
		(f) DGA Transformer oil Sample Collection Set	Set	1																	0.033	0.03	Actual Dates													
		(g) ASTM Thermo-Hydrometer with Standard Funnel	Set	1																																
Total								29.19																												
GRF-19		(a) Universal Testing Machine upto 20 Ton capacity	Set	1	OTM	Chairman, BPDB	BPDB'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./MCCB Test Bench 3-Phase upto 2000A	Set	1																	91.16	91.16	Actual Dates													
		(d) 5KA 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) Dirana (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																												
Grand Total for APP FY-2021-22 (FOR APPROVAL)								22,505.51																												

[Signature]
 Deputy Director-01
 Directorate of purchase
 BPDB, Dhaka

[Signature]
 Deputy Director-02
 Directorate of purchase
 BPDB, Dhaka

[Signature]
 Director
 Directorate of purchase
 BPDB, Dhaka

[Signature]
 Member, Distribution
 BPDB, Dhaka