

Annual Procurement Plan for 2019-20

Name of Project/ Establishment: ASSAM GAS BASED POWER PLANT, NEEPCO Ltd., Bokuloni, Dibrugarh, Assam-786191

(Rs. In lakh)

Sl. No.	Description of Items	Whether the item is listed in the Policy of MSME	Unit	Qty	Estimated cost	Expenditure to be incurred			Remarks, if any	
						On	On	On		
						Procurement from sources other than MSME	Procurement from MSME	Procurement from MSME owned by SC/ST entrepreneurs		
1	2	3	4	5	7	8	9	10	11	
A. Gas Turbine & Auxiliary										
1	Technical Advisory Services for Major Inspection of GT # 1				160.00	160.00				Through OEM only
2	Spares & Consumables for major inspection of GT unit 1				1,000.00	1,000.00				Through OEM only
3	Spares & Consumables for Hot Gas Path Inspection of GT unit 5				593.00	593.00				Through OEM only
4	Technical Advisory Services for HGPI of GT # 5				50.00	50.00				Through OEM only
5	Technical Advisory Services for Major Inspection of GT # 2				160.00	160.00				Through OEM only
6	Spares & Consumables for major inspection of GT unit 2				1,168.00	1,168.00				Through OEM only
7	Technical Advisory Services for major inspection of GT # 6				85.00	85.00				Through OEM only
8	Spares & Consumables for major inspection of GT unit 6				1,700.00	1,700.00				Through OEM only
9	Repair of Hot Parts GT Unit 6				50.00	50.00				Through OEM only
10	Lube oil, tool and plants for Gas Turbine				50.00	50.00				Through OEM
11	AMC for Support Services				50.00	50.00	-	-		Source Standard
					5,066.00	5,066.00				
B. Station Facilities Complex										
1	Diverter Dampers spares from M/s. Expomark				87.00	87.00	-	-		From OEM
2	Central Air compressors spares from Kirloskar				3.00	3.00	-	-		From OEM
3	Work shop's spares				2.00	2.00	-	-		From OEM
4	Inlet Air Filter System				27.00	27.00	-	-		Through Open Tender
5	ETP's spares				40.00	40.00	-	-		From OEM
6	EDG's spares				5.00	5.00	-	-		From OEM
7	PA system				1.00	1.00	-	-		From OEM
8	Auxiliary spares for SFD, Misc, Emergency spares				32.00	32.00	-	-		From OEM
9	AMC and spares for Central Air Conditioning plant				37.00	37.00	-	-		From OEM
10	Lifting tools				5.00	5.00				

11	For any emergency spares for SFD				5.00	5.00			
12	Consumables viz. Lube Oil, Coolant Etc.				22.50	22.50			
13	Service & repair charges for SFD				194.50	194.50	-	-	From Source Standard
					461.00	461.00			
C. Gas Booster Station									
1	Waukesha Gas Engines Spares				200.00	200.00	-	-	From OEM
2	Spares for Dresser-Rand Gas Comp				150.00	150.00	-	-	From OEM
3	Ingersoll Rand air compressor spares				5.00	5.00	-	-	From OEM
4	Auxiliary spare for GBS				125.00	125.00	-	-	From OEM
5	General tools & equipments				7.00	7.00			
6	SHELL MYSHELLA S5 N40				88.45	88.45	-	-	From OEM
7	Servo Press C-220				31.50	31.50	-	-	From IOCL (PSU)
8	Servo System C-220				0.57	0.57	-	-	From IOCL (PSU)
9	Servo Lubrex-22				10.00	10.00	-	-	From IOCL (PSU)
10	Nalcool				5.00	5.00			
11	Consumables & emergency				10.00	10.00			
12	AMC for support Services and other services for maintenance of GBS				140.00	140.00	-	-	Source standard
					772.52	772.52			
D. Steam Turbine & Auxiliaries									
1	Chemical treatment of CW water system round the year	No	No.	1	40.00	40.00	-	-	Source standard
2	Miscelleneoud renovation works (insulation etc).				25.00	25.00			
3	Manpower engagement for various misc. works				5.00	5.00			
4	Emergency Machining works				2.00	2.00			
5	Rubber line rennovation and other miscellaneous works at DM Plant				5.00	5.00			
6	Boiler safety valve inspection /repairing/setting through OEM	No	No.	1	4.00	4.00	-	-	
7	Thermal Insulastion Testing of all Hot Conduits				5.00	5.00			
8	Replacement of defective valves				5.00	5.00			
9	Anti corrosive paint application in DM plant				7.00	7.00			
10	Tools and Tackles & various consumables				16.00	16.00			
11	DM Plant spares, equipments & accessories				10.00	10.00			
12	Spars for ACW/CW (sleeve and rubber bearing)				5.00	5.00			
13	Miscellaneous spares of turbine,safety valve,dozing pump etc				15.00	15.00			
14	Chlorination plant spares & piping				6.00	6.00			
15	Turbine bearing and other spares from BHEL				37.00	37.00			
16	New Intake pump				6.00	6.00			

17	APRDS system spares(upgraded version)				15.00	15.00			
18	CPVC piping for Chlorination & DM plant				10.00	10.00			
19	Spares for 6 Nos. of BFP, CEP and other pumps				10.00	10.00			
20	Paints and primers				8.00	8.00			
21	Cooling Tower spares (including FRP blade)				25.00	25.00			
22	Valves new				15.00	15.00			
23	Procurement of New Pump / Blowers/ expansion bellow				10.00	10.00			
24	Sulphuric acid dosing system				55.00	55.00			
25	Emergency spares				25.00	25.00			
26	JOP complete				2.50	2.50			
27	AOP complete				5.00	5.00			
28	BFP lube oil pump (complete)				2.50	2.50			
29	Lube Oil, Grease				30.00	30.00			
30	Hydrochloric acid (one year consumption)	No	MT		22.00		22.00		
31	Sodium Hydroxide	No	MT		40.00		40.00		
32	Liquid Chlorine (one year consumption)	No	MT		10.00		10.00		
33	Other chemicals	No	MT		25.00		25.00		
34	Lab Chemicals				5.00		5.00		
35	Sulphuric acid				22.00		22.00		
36	Support services for ST & A				87.00	87.00			Source standard
	Total				617.00	493.00	124.00		
E. PLANT ELECTRICAL MAINTENANCE									
1	Servicing / overhauling of Transformer/HVCB/ Busducts				50.00	50.00			
2	Procurement of 245 KV HVCB, spares for 245 KV & 6.6 KV Transformer/ Bus duct e.g. Main Valve Assy , HVCB spares, Trf Gasket, contactors, Isolator Box etc.				140.00	140.00			
3	Procurement of consumables for HVCB / Transformer/ Bus duct e.g. Transformer Oil, Silica gel, silica gel breather, gaskets, etc.				10.00	10.00			
4	Testing charges of transformer oil				5.00	5.00			
5	Testing of Switchyard/transformer equipment and maintenance works.				2.00	2.00			
6	Procurement of Transformer oil Filtration Machine				47.00	47.00			
7	Supervision charges for BHEL & service providers				20.0	20.0			
8	Reparing of switchyard equipments.				10.0	10.0			
9	Misc/ Other				8.0	8.0			
10	Procurement of Spares & consumables e.g. BHEL generator RTD & display replacement. Reparing/procurement of Exciter for BHEL Generator				220.00	220.00			From OEM

11	Charges for Technical Advisory services for major overhauling of generator & exciter /EDG				30.00	30.00			From OEM
12	Diagnostic test of Generator and Exciter				10.00	10.00			From OEM
13	Supervision charges for OEM and other service providers				2.50	2.50			From OEM
14	Procurement of T&P, Consumables eg. Sling belt, Hydraulic jack, carbon brush holder mehanasim for Rotor Earth Fault etc.				5.00	5.00			
15	Misc/ Other (Reparing of BL Exciter end bearings)				5.00	5.00			
16	Procurement of spares for 6.6 KV & 415V Switch gear/ servicing				10.00	10.00			
17	Procurement of Protective relays and relay's testing/ repairing/ servicing eg. Retrofitting of numerical protection relays				14.00	14.00			
18	Procurement of 125 Volts Brty. Bank for GTG#5 & GTG#6				32.50	32.50			
19	Procurement & replacement of RTU (AMC)				2.0	2.0			
20	Procurement of spare motors, bearings and motor repairing(LGB mist Eliminator, LOVE fan Motor, 88VG, AOP, GTG cooling Fan Motor, BFP-LOP, Centrifuge and Booster)				10.0	10.0			
21	Procurement of electrical testing equipment (1 KV IR Tester, Multimeter, Clamp On meter)				2.0	2.0			
22	Procurement of T&P, consumables				5.0	5.0			
23	Maintenance of battery charger/ procurement of spares				2.0	2.0			
24	AMC for Electrical maintenance				29.0	29.0			Source standard
25	Misc/ Others (Overloads, contactors, fuse, MCCB for DCDB etc and other consumables)				5.0	5.0			
26	Up gradation of 125 Volts HBL makes Batery chargers .				24.0	24.0			From OEM
27	Upgradation/Replacement of 220 V DC Battery Charger for Station/Switchyard Battery bank (make:HBL; 2nos)				24.0	24.0			From OEM
28	Up gradation of L & T 415 Volts Air Circuit Breakers				5.0	5.0			From OEM
					729.00	729.00			
F. CONTROL & INSTRUMENTATION									
1	C&I spares for GTG # 1 - 4				50.00	50.00			From OEM
2	C&I spares for GTG # 5 - 6				50.00	50.00			From OEM
3	C&I spares for STG # 1 - 3				75.00	75.00			From OEM
4	C&I spares for MMI/DDC				42.00	42.00			From OEM
5	C&I spares for GBS				45.00	45.00			
6	AMC for support Services				35.00	35.00			Source standard
7	Tools and Lab instruments				20.00	20.00			
8	Repairing and Servicing				25.00	25.00			

9	Consumables				2.00	2.00			
10	Plant water CKT				12.00	12.00			
					356.00	356.00			
G. UTILITY & WORKSHOP									
1	Repairing and maintenance of 11KV Intake feeder				5.00	5.00			
2	Installation of MVLC at 11 KV line				5.00	5.00			
3	Various painting works of colony street light and Intake line poles				5.00	5.00			
4	Repairing of departmental vehicles,school buses,Hydra Crane,Trucks ect.				5.00	5.00			
5	Procurement of ceiling fan/exhaust fan				15.00	15.00			
6	Procurement and repairing of AC				10.00	10.00			
7	Renovation of internal wiring and electrification of colony qtrs and non residential buildings				25.00	25.00			
8	Painting of existing Feeder pillars/Transformers				5.00	5.00			
9	Procurement of luminaries and other electrical materials				10.00	10.00			
10	Expenditure of POL against dept. and hired vehicles				15.00	15.00			
11	Expenditure of against hired vehicles				15.00	15.00			
12	Insurance and Road text of departmental vehicles				5.00	5.00			
13	Repairing of Motors/Pump ect.				3.00	3.00			
14	Miscellaneous				3.00	3.00			
					126.00	126.00			
H. FIRE & SAFETY WING									
1	POL Expenditure for Fire Tenders				1.80	1.80			
2	Repair & Maintenance of existing old Fire Tenders				2.50	2.50			
3	Renewal of Registration, Insurance, Pollution cetificate of Fire Tenders including fresh registration & insurance cost of new Fire Tender				2.00	2.00			
4	Annual Maintenance contract of CUMMIN make Diesel pumps of FWPH.				1.00	1.00			
5	Annual Maintenance contract of Fire Protection & Detection system of AGBP				7.50	7.50			
6	Statutory testing of all lifting tools, takels, Pressure vessels of AGBP				1.50	1.50			
7	Procurement of Personal Protective Equipments				8.00	8.00			
8	Maintenance cost of CO2 Flooding system including refilling of CO2 cylinders				9.50	9.50			
9	Riffilling of Fire Extinguishers				3.5	3.5			
10	Rectification/ & new installation of Fire detection & Alarm system of AGBP				10.00	10.00			
11	Safety & Environment Awareness camping etc				2.5	2.5			

12	Impart of Safety Training				0.5	0.5			
					50.30	50.30			
I. Material Management Wing									
1	Annual Maintenance Contract of contract labourers under MMW				16.00	16.00			Source standard
2	Maintenance of 3T Fork Lift including procurement of spares				0.70	0.70			
3	Insurance Premium against Theft & Burglary				0.70	0.70			
4	Insurance Premium against fire				0.70	0.70			
5	Annual Maintenance Contract of Weigh Bridge & Weigh Platforms under MMW				0.80	0.80			
6	Frieght Charge				0.30	0.30			
7	Miscellaneous (for purchasing of diesel of 3T Fork Lift, cleaning, tagging, packing of spares etc.)				0.80	0.80			
					20.00	20.00			
J. CIVIL WORKS COMPLEX									
1	Sinking of Installation of Deep Tube Well at Colony area of AGBP.				15.00	15.00			
2	Repairing of Quarter Compound Chainlink Fencing				10.00	10.00			
3	Repairing of Colony Drain				10.00	10.00			
4	Development of surrounding of Union Office				7.00	7.00			
5	Renovation of Security Reception Centre at Plant area.				3.00	3.00			
6	Repairing of Residential & Non-residential buildings at Colony area of AGBP.				20.00	20.00			
7	Changing of CGI Sheet Roofing at Dispensary				5.00	5.00			
8	Changing of CGI Sheet Roofing of B-Type Quarter No. 1 to 10				15.00	15.00			
9	Changing of Chainlink Fencing of GH-I				4.00	4.00			
10	Changing of Chainlink Fencing of HOP's Quarter				4.00	4.00			
11	Providing os SS Railing at GH-I				8.00	8.00			
12	Miantenance of Nursery & Plantation of AGBP				2.00	2.00			
13	Renovation of Store Building at Plant area of AGBP.				5.00	5.00			
14	Construction of Boundary Fencing around Nursery Complex & Green Belt No. 8 of AGBP.				3.00	3.00			
15	Earth filling in the Green Belt Area of AGBP.				10.00	10.00			
16	Construction of Periphery road along Boundary wall at Plant area starting from Weigh Bridge to Car Shed in front of CCR Building.				30.00	30.00			
17	Repairing & Painting of Administrative Building.				3.00	3.00			
18	Inside Plastering of boundary wall of plant area.				6.00	6.00			
19	Repairing & Painting of ETP building, AGBP.				3.00	3.00			
20	Repairing & Painting of Workshop Building, AGBP				3.00	3.00			

21	Repairing & Painting of Air Compressor Building				3.00	3.00		
22	Repairing & Painting of Chemical house building				3.00	3.00		
23	Repairing & Painting of FWPH Building				3.00	3.00		
24	Site development of Approach Road of Training Centre, Car Shed, newly renovated office Building				6.00	6.00		
25	Cleaning of Desilting Basin No. 1,2&3 and Clariffloculator No. 1 & 2				7.00	7.00		
26	Disposal of earth from Desilting Basin No. 1,2 & 3 and Cleaning of Claroffloculator				2.00	2.00		
27	Cleaning of of Septic Tank and soak pit of Colony & Plant area.				6.00	6.00		
28	Sanitary Maintenance work of Colony & Plant area				3.00	3.00		
29	Providing, fitting & fixing of CGI Sheet roofing of MMW.				30.00	30.00		
30	AMC of Intake, Fakialghat, Joypur				5.00	5.00		
31	AMC of Plant & Colony Area				116.37	116.37		
32	For Miscellenous works				25.00	25.00		
33	Procurment of Filter Media				6.00	6.00		
34	Procurment of Stone, chips,sand, bricks and timber				3.00	3.00		
35	Procurment of Water supply materials				7.00	7.00		
36	Procurment of Hardware Materials, Paint etc.				7.00	7.00		
37	Procurment of Weedicide				1.00	1.00		
38	Procurment of 80 mm dia GI Pipe and fittings for new Deep Tube Well				3.00	3.00		
					402.37	402.37		

K. Materials planned for procurement from the list of 358 items:

1	Wooden flush door shutter	Yes	SQM	60 sqm	1.26	-	1.26	
2	Wire fencing and fitting (Chain link fencing)	Yes	SQM	500	0.95	-	0.95	
3	PVC pipe up to 110 m	Yes	RM	200	0.60	-	0.60	
4	Hings different size	Yes	PC	500	0.10	-	0.10	
5	Cleansing powder (Bleaching powder)	Yes	KG	1000	0.40	-	0.40	
6	Brushes of all types	Yes	PC	100	0.04	-	0.04	
7	Nutes and Bolts	Yes	KG	20	0.02	-	0.02	
8	Bituminous	Yes	Drum (20 ltr each)	60	2.40	-	2.40	
9	Fuse Cut outs	Yes	No.	100	0.03	-	0.03	
10	Fuse unit	Yes	No.	150	0.02	-	0.02	
12	Rust/Scale removing composition	Yes	Liter	60	1.20	-	1.20	
13	Soap liquid	Yes	Liter	20	0.02	-	0.02	
14	Distribution board upto 15 Amps	Yes	No.	50	0.03	-	0.03	
15	Wire Brushes and Fiber Brushed	Yes	No.	90	0.03	-	0.03	

16	Cleaning powder	Yes	KG	170	0.09	-	0.09		
18	Street light fittings	Yes	No.	40	0.04	-	0.04		
21	Disinfectant Fluids (Phenyl)	Yes	Bottles	30	0.02	-	0.02		
22	Dust Bins	Yes	No.	100	0.05	-	0.05		
23	Gauze cloth	Yes	RM	10000	1.50	-	1.50		

8.78

8.78

Total Estimated Cost 5,885.30 5,728.02 157.28