

Annual Procurement Plan for 2017-18

Name of Project/ Establishment: ASSAM GAS BASED POWER PLANT

(Rs. In lakh)

Sl. No.	Description of Items	Whether the item is listed in the Policy of MSME	Unit	Qty	Estimated rate	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	6	7	8	9	10	11
A. Gas Turbine & Auxiliary										
1	Technical Advisory Services for GT # 3					153.00	153.00			Through OEM only
2	Spares & Consumables for GT unit 3					947.00	947.00			Through OEM only
3	Spares & Consumables for Hot Gas Path Inspection of GT # 5					2400.00	2400.00			Through OEM only
4	Repair of Hot Parts of GT # 5					50.00	50.00			Through OEM only
5	Technical Advisory Services for GT # 5					50.00	50.00			Through OEM only
6	Spares & Consumables for GT # 4					1200.00	230.00			Through OEM only
7	Technical Advisory Services for GT # 4					150.00	50.00			Through OEM only
8	Lube oil, tool and plants for Gas Turbine	No	Barrel	40		50.00	50.00			Through OEM
9	AMC for Support Services	No	No.	1		50.00	50.00	-	-	Source Standard
						5,050.00	5,050.00			
B. Station Facilities Complex										
1	Diverter Dampers spares from M/s. Expomark	No	Lot	1		52.00	52.00	-	-	From OEM
2	Central Air compressors spares from Kirloskar	No	Lot	1	-	1.00	1.00	-	-	From OEM
3	Work shop's spares	No	Lot	1	-	2.00	2.00	-	-	From OEM
4	Inlet Air Filter System	No	No.		-	37.00	37.00	-	-	Through Open Tender
5	ETP's spares	No	Lot	1	-	5.00	5.00	-	-	From OEM
6	EDG's spares	No	Lot	1	-	2.00	2.00	-	-	From OEM
7	Auxiliary spares for SFD, Misc, Emergency spares	No	Lot	1		56.00	56.00	-	-	From OEM
8	AMC and spares for Central Air Conditioning plant	No	No.	1		12.00	12.00	-	-	From OEM
9	Procurement of consumables					20.50	20.50			
10	AMCs for support services of SFD	No	No.	5		171.00	171.00	-	-	From Source Standard
						358.50	358.50			
C. Gas Booster Station										
1	Waukesha Gas Engines Spares	No	Lot	1		150.00	150.00	-	-	From OEM
2	Spares for Dresser-Rand Gas Comp	No	Lot	1		260.00	260.00	-	-	From OEM
3	Ingersoll Rand air compressor spares	No	Lot	1		2.00	2.00	-	-	From OEM
4	Auxiliary spare for GBS	No	Lot	1		150.00	150.00	-	-	From OEM
5	General tools & equipments					2.00	2.00			
6	Shell Myshella XL 40	No	Barrel			66.00	66.00	-	-	From OEM
7	Servo Press C-220	No	Barrel			35.00	35.00	-	-	From IOCL (PSU)
8	Servo System C-220	No	Barrel			0.65	0.65	-	-	From IOCL (PSU)

9	Servo Lubrex-22	No	Barrel			3.00	3.00	-	-	From IOCL (PSU)
10	Nalcool					2.00	2.00			
11	Consumables & emergency					8.00	8.00			
12	AMC for support Services and other services for maintenance of GBS	No	No.	1		102.00	102.00	-	-	Source standard
						780.65	780.65			

D. Steam Turbine & Auxiliaries

1	Chemical treatment of CW water system round the year	No	No.	1		20.00	20.00	-	-	Source standard
2	Replacement works of Insulation in all valnarable IBR pipes of STG 1,2 & 3					3.00	3.00			
3	Manpower engagement for various miscellaneous works					5.00	5.00			
4	Emergency Machining works					1.00	1.00			
5	Cleaning of degassed water tanks and FRP / Resin coating (1 Tank)					12.00	12.00			
6	Painting of DM storage tanks and repairing of rubber lining					8.00	8.00			
7	Rubber Lining of DM Water Pipes					2.50	2.50			
8	In situ ruber line renovation of MB, SBA & SAC.					15.00	15.00			
9	Manpower engagement for cleaning of Dual Media Filters at DM Plant					1.00	1.00			
10	Boiler safety valve inspection /repairing/setting through OEM, M/S BHEL	No	No.	1		4.00	4.00	-	-	
11	Thermal Insulastion Testing of all Hot Conduits					5.00	5.00			
12	IBR Valves re-furbishment (lapping) of all Boilers					3.00	3.00			
13	Expansion below of Boilers replacement works					3.00	3.00			
14	Replacement of defective valves					5.00	5.00			
15	Boiler Tube Inspection fee					1.50	1.50			
16	Man power engagement for CT cell water distribution system cleaning.					3.00	3.00			
17	Tools and Tackles					1.00	1.00			
18	BFP rotor shaft (two) ordered					24.00	24.00			
19	Lifting tools and Tackles					0.50	0.50			
20	Lifting equipment for sludge disposal pump.					1.00	1.00			
21	DM Plant spares					2.00	2.00			
22	New Intake pump					5.50	5.50			
23	IBR critical valves & Spares					50.00	50.00			
24	Various packing and Gaskets					4.00	4.00			
25	DM Lab equipments					5.00	5.00			
26	Expansion Below for Boilers					4.00	4.00			
27	Chlorination plant spares					3.00	3.00			
28	Insulation renovation work.					25.00	25.00			
29	Hot Regeneration Vessel; for DM Plant (rubber lined)					10.00	10.00			
30	Primery oil Pump, Steam strainer and seal ring (from BHEL)					25.00	25.00			
31	Governing control valve packing etc					4.00	4.00			
32	Service water pump					2.00	2.00			
33	CW feed pump					3.00	3.00			
34	IBR Root valves					2.50	2.50			
35	HP Dosing Pump					1.50	1.50			
36	Turbine bearing					16.00	16.00			
37	Safety valve spares.					6.00	6.00			
38	Drive Shaft of CW Pumps					12.00	12.00			
39	APRDS system spares(upgraded version)					15.00	15.00			
40	Consumables (Electrode, Filler rod etc)					1.00	1.00			
41	CPVC piping for Chlorination system					5.00	5.00			

42	Nuts, Bolts and Fasteners					1.00	1.00			
43	Cutless rubber bearing for CW/ACW pumps					1.30	1.30			
44	Scaffolding (piping and clamps)					5.00	5.00			
45	Mud removal/dewatering pump					2.00	2.00			
46	Spares for 06 nos of CEP's					1.00	1.00			
47	Hydraulic Jacks					1.50	1.50			
48	Lube oil filters					1.00	1.00			
49	Cutless rubber bearing for Intake pumps					1.00	1.00			
50	Cooling Tower spares					15.00	15.00			
51	IBR Fitting and Pipes					15.00	15.00			
52	Filter media					10.00	10.00			
53	Acid measuring tanks					0.70	0.70			
54	Degassar tower accessories					4.00	4.00			
55	Caustic preparation tanks & accessories					6.00	6.00			
56	Clarifier Bridge drive spares					1.00	1.00			
57	Bearings of various drives					4.00	4.00			
58	H.P. & L.P. dozing spares					1.00	1.00			
59	FRP hood, FRP blower, FRP pipes etc.					3.00	3.00			
60	Plant consumable items.					5.00	5.00			
61	CPVC pipes and fittings for DM Plant acid handling system.					3.50	3.50			
62	Bulk acid storage tank and ejectors.					10.00	10.00			
63	Oil Centrifuge Spares					1.50	1.50			
64	Descalling chemical.					3.70	3.70			
65	Paints and primers.					1.00	1.00			
66	BFP spares.					1.00	1.00			
67	Departmental application of anti corrosive coating at DM plant.					2.50	2.50			
68	Unseen emergency spares					25.00	25.00			
69	Lube Oil, Grease					30.00	30.00			
70	Hydrochloric acid (one year consumption)	No	MT			22.00		22.00		
71	Sodium Hydroxide	No	MT			40.00		40.00		
72	Liquid Chlorine (one year consumption)	No	MT			9.50		9.50		
73	Other chemicals	No	MT			20.00		20.00		
74	Lab Chemicals					5.00		5.00		
75	Support services for ST & A					85.00	85.00			
	Total					658.20	561.70	96.50		

E. PLANT ELECTRICAL MAINTENANCE

1	Servicing / overhauling of Transformer/ HVCB/ Busducts					50.0	50.0			
2	Spares for 6.6 KV and 415 V switchgear	No	Lot	1		20.00	20.00			
3	Procurement of Protective relays and relay repairing/ servicing eg. Retrofitting of numerical protection relays of GTG-V and others					25.00	25.00			
4	Spares and services for RTU					13.0	13.0			
5	Procurement of spare motors, bearings and motor repairing (LGB mist eliminator, LOVE fan motor, 88VG, AOP, GTG cooling fan motor, BFP-LOP, Centrifuge & booster)					25.00	25.00			
6	Procurement of electrical testing equipment					3.00	3.00			
7	T&P, Consumables					2.30	2.30			
8	Installation of VFD for BFP motor (3nos.)					300.0	300.0			
9	Upgradation of Motor protection System					5.0	5.0			
10	Maintenance of battery charger/ procurement of spares					38.00	38.00			
11	AMC for Electrical maintenance					31.00	31.00			
12	Misc/ Others					3.00	3.00			

13	Procurement of Spares & consumables e.g. BHEL generator RTD & display replacement					205.0	205.0			
14	Charges for Technical Advisory services for major overhauling of generator & exciter /EDG					50.0	50.0			
15	Diagnostic test of Generator and Exciter					20.0	20.0			
16	Supervision charges for OEM and other service providers					2.5	2.5			
17	Procurement of T&P, Consumables eg. Sling belt, Hydraulic jack etc.					5.0	5.0			
18	Misc/ Other					5.0	5.0			
19	Procurement of spares for HVCB / Transformer/ Bus duct e.g. Main Valve Assy 15nos. , HVCB spares, Trf Gasket, Silica gel breather, contactors, Isolator Box & payment towards pending PO					150.0	150.0			
20	Procurement of consumables for HVCB / Transformer/ Bus duct e.g. Transformer Oil, Silica gel					30.0	30.0			
21	Testing charges of transformer oil					5.0	5.0			
22	Testing of Switchyard/ transformer equipment					2.0	2.0			
23	Procurement of T&P e.g. CB operational analyser, earth resistance tester (CB operational analyser, earth resistance tester.)					70.0	70.0			
24	Supervision charges for BHEL & service providers					20.0	20.0			
25	Repairing of Switchyard equipment					10.0	10.0			
26	Misc/ Other					5.0	5.0			
						1,094.80	1,094.80			

F. CONTROL & INSTRUMENTATION

1	C&I spares for GTG # 1 - 4	No	Lot	1		50.00	50.00			
2	C&I spares for GTG # 5 - 6	No	Lot	1		40.00	40.00			
3	C&I spares for STG # 1 - 3	No	Lot	1		67.00	67.00			
4	C&I spares for MMI/DDC	No	Lot	1		69.00	69.00			
5	C&I spares for GBS	No	Lot	1		50.00	50.00			
6	AMC for support Services	No	No.	1		35.00	35.00			
7	Tools and Lab instruments	No	Lot	1		10.50	10.50			
8	Repairing and Servicing	No	Lot	1		25.00	25.00			
9	Consumables					3.20	3.20			
10	Plant water CKT					17.00	17.00			
11	SWAS system modernisation					20.00	20.00			
						386.70	386.70			

G. UTILITY & WORKSHOP

1	Maintenance of Control Room & old feeder pillars					30.00	30.00			
2	Procurement of telephone materials					5.00	5.00			
3	Procurement of telephone materials.					5.00	5.00			
4	Repairing and maintenance of 11KV Intake feeder					5.00	5.00			
5	Installation of MVLC at 11 KV line					3.00	3.00			
6	Various painting works of colony street light and Intake line poles					5.00	5.00			
7	Repairing of departmental vehicles,school buses,Hydra Crane,Trucks ect.					10.00	10.00			
8	Procurement of ceiling fans/Exhaust fans.					15.00	15.00			
9	Renovation of internal wiring and electrification of colony qtrs and non residential buildings					50.00	50.00			
10	Painting of existing Feeder pillars/Transformers					5.00	5.00			
11	Supply and laying of underground service connection to the Qtrs and offices.					5.00	5.00			
12	Procurement of luminaries are other electrical materials					20.00	20.00			

13	Expenditure of POL against dept. and hired vehicles					15.00	15.00			
14	Expenditure of against hired vehicles					15.00	15.00			
15	Insurance					2.00	2.00			
16	Procurement of LED/Solar street light					30.00		30.00		
17	Repairing of Motors/Pump ect.					3.00	3.00			
18	Miscellaneous					3.00	3.00			
						226.00	196.00	30.00		

H. FIRE & SAFETY WING

1	POL Expenditure for Fire Tenders					2.5	2.5			
2	Repair & maintenance of existing old Fire Tenders					2.5	2.5			
3	Renewal of Registration, Insurance, Pollution certificate of Fire Tenders including fresh registration & Insurance cost of new Fire Tender					3.00	3.00			
4	Repairing/renovation of existing underground Hydrant & Emulsifier pipe lines of AGBP	No				20.00	20.00			
5	Annual maintenance of Cumin make Diesel Engines of Fire Water pump House	No	No.	1		1.00	1.00			
6	Procurement of Uniform & liveries for Fire fighting personal					3.00	3.00			
7	Automation of Emulsifier system of AGBP					10.00	10.00			
8	Rectification of Fire detection system & Alarm system of AGBP					10.00	10.00			
9	Safety & Environment Awareness camping etc					1.50	1.50			
10	Refilling, hydro testing of CO2 cylinders of fire protection system of gas/ steam turbine units					4.50	4.50			
11	Installation ,testing & commission of Fire/ Gas detection & Alarm system at GBS					14.00	14.00			
12	Refilling of Fire Extinguishers					2.50	2.50			
13	Procurement of Personal protective equipments (PPE)					7.50	7.50			
14	Procurement of new Fire Extinguishers & Fire fighting Accessories					6.00	6.00			
15	Statutory Testing of Lifting Equipments/ Pressure Vessel/Lifting Tackles.					1.50	1.50			
16	Maintenance cost of CO2 Flooding system					8.50	8.50			
17	Annual Maintenance Contract of Fire Protection & Detection system					6.50	6.50			
						104.50	104.50			

I. Material Management Wing

1	Annual Maintenance Contract of contract labourers under MMW	No	No.	1		14.00	14.00			
2	Maintenance of 3T Fork Lift including procurement of spares	No	No.	1		0.40	0.40			
3	Insurance Premium against Theft & Burglary					0.60	0.60			
4	Insurance Premium against fire					2.00	2.00			
5	Freight Charge					1.50	1.50			
6	Miscellaneous (for purchasing of diesel of 3T Fork Lift, cleaning of spares etc. & procurement of sling)					0.50	0.50			
						19.00	19.00			

J. CIVIL WORKS COMPLEX

1	Repairing of plant area road of AGBP					50.00	50.00			
2	Repairing of 'B' type Qtr.					2.34	2.34			
3	Repairing of 'A' type Qtr.					3.47	3.47			
4	Extension of verandah/ balcony at back side of 'B' type quarter (Qtr. No. 19 to 28) of AGBP colony.					23.13	23.13			

5	Renovation & painting of Mitsubishi camp Block no. 3 for using as our office complex at plant area.					16.60	16.60			
6	Providing fitting & fixing of pavers in front & side of Multipurpose Community Hall of AGBP.					4.00	4.00			
7	Cleaning and repairing of outfall drain, chainage from 0m to 366m, at Bahani and Madhuting village.					3.00	3.00			
8	Repairing and strenghtening the Mitsubishi camp,Block No. 2 for car garage purpose at, AGBP.					4.00	4.00			
9	Repairing of Fire & Safety Office Building at plant area, AGBP.					4.00	4.00			
10	Painting of GBS, Control room at plant area, AGBP.					4.00	4.00			
11	Painting and Repairing of ETP Building at plant area, AGBP.					1.00	1.00			
12	Repairing and painting of Workshop Building at plant area, AGBP.					3.00	3.00			
13	Painting of 950 KVA EDG Building, Deisel Storage Tank and Deisel Pump House Building at plant area, AGBP.					0.60	0.60			
14	Cleaning of desilting Basin No. 3 at plant area, AGBP.					1.00	1.00			
15	Providing acid proof coating at DM Plant.					10.00	10.00			
16	Repairing and Painting of Plinth wall of GTE, STG, GT & CCR Building at plant area, AGBP.					0.70	0.70			
17	Cleaning of Slug of Clarifloculator No. 1 & No.2 At plant area, AGBP.					2.00	2.00			
18	Providing, fitting and fixing of CGI Sheet roof at Block No. 5 (HR) of Administrative Building.					2.00	2.00			
19	Exterior painting of Administrative building at plant area, AGBP.					2.00	2.00			
20	Repairing and painting of Air compressor building at plant area, AGBP.					4.00	4.00			
21	Repairing and painting of Fire water pump House at plant area, AGBP.					2.00	2.00			
22	Development of Arboretum at plant area.					2.00	2.00			
23	Repairing of Inlet Air Filter floor area of GT Building.					5.00	5.00			
24	Miscellaneous work of plant area, AGBP.					10.00	10.00			
25	Repairing & Renovation of Civil store (Room no -3) of AGBP.					20.00	20.00			
26	Repairing of temporary Barrack for security personnel at colony area, AGBP.					2.00	2.00			
27	Repairing of road to newly acquired land of AGBP.					7.00	7.00			
28	Construction of Car Garage colony area, AGBP.					15.00	15.00			
29	Construction of Union Office Building colony area, AGBP.					10.00	10.00			
30	Repairing of A-Type, B-type & C-type Building colony area, AGBP.					50.00	50.00			
31	Repairing of D-type building colony area, AGBP.					4.00	4.00			
32	Repairing and refitting of CGI Sheet of VKV.					4.00	4.00			
33	Outside painting of VKV.					2.00	2.00			
34	Refitting (Diana roof) CGI Sheet of Guest House No. 1					5.00	5.00			
35	Providing Pavers at footpath of Guest House No. 1					5.00	5.00			
36	Changing of Transparent sheet roofing of Guest House No. 2					5.00	5.00			

37	Construction of Drain and Apron of C-type Building.					4.00	4.00			
38	Preparing of AGBP sector drain.					5.00	5.00			
39	Cleaning & repairing of AGBP colony main drain.					3.00	3.00			
40	Providing, fitting and fixing of pavers at Avenue roadside for car parking.					3.00	3.00			
41	Engagement of excavator cum loader at garbage disposal area.					1.50	1.50			
42	Earth filling at AGBP colony residential and non-residential building campus.					5.00	5.00			
43	Cleaning of Overhead water tank, under ground storage tank of colony water supply.					5.00	5.00			
44	Development of area under Overhead water tank of AGBP.					0.50	0.50			
45	Development of area under Overhead water tank of AGBP.					5.00	5.00			
46	Construction of Reverse Osmosis Plant at AGBP colony.					10.00	10.00			
47	Development of surrounding of Dustbin area at AGBP colony.					10.00	10.00			
48	Maintenance of Nursery & plantation of AGBP.					2.00	2.00			
49	Miscellaneous					20.00	20.00			
50	Supply of sanitary fittings.					0.60	0.60			
51	Water supply fitting for AGBP colony & Plant area.					15.00	15.00			
52	Procurement of T&P, Brush weed cutter Auto cut, Nylone wire for AGBP Colony grass cutting, cleaning and sweeping works.					1.00	1.00			
53	Procurement of Chain link fence, M.S. angle post for AGBP colony.					7.00	7.00			
54	Procurement of building/hardware materials.					15.00	15.00			
55	Unloading of septic tank and soak pit					5.00	5.00			
56	Procurement of filter media.					5.00	5.00			
57	Construction of Nursery building.					2.50	2.50			
58	Plantation at colony and plant area.					3.00	3.00			
						416.94	416.94			

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	Bottle s	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 (From A to K): 9,104.07 8,968.79 296.78