

		BANGLADESH GAS FIELDS COMPANY LIMITED		Power Cable Schedule				CONSORTIUM OF SINOPEC PETROLEUM ENGINEERING CORPORATION AND ZICOM EQUIPMENT PTE. LTD.				
USER LOCATION PROJECT JOB NO.		BANGLADESH GAS FIELDS COMPANY LIMITED TITAS GAS FIELD, BRAHMANBARIA, BANGLADESH 2 X 75 MMSCFD GLYCOL DEHYDRATION TYPE GAS PROCESS PLANT 252 - J				DOC NO. :		252-0201-EMEL-CL00-0001			Rev : A	
						SERVICE :						
						TAG NO. :		N/A				
						QUANTITY:		N/A				
SI.No	TAG NO.	DISCRIPTION	SOURCE	DESTINATION	CABLE SIZE (sqmm)	CABLE LENGTH (Meter)	CABLE VOLTAGE	Power Factor (p.f)	CABLE TYPE	CONDUCTOR	LOAD	
	G-01	GENERATOR 01	G1	MCC	8 (1C X 150mm2)	220	600V	0.85	PVC ARMoured	COPPER	276 KW	
	G-02	GENERATOR 02	G2	MCC	8 (1C X 150mm2)	300	600V	0.85	PVC ARMoured	COPPER	276 KW	
		NATIONAL GRID LINE	GRID LINE	MCC	4C X 300mm2	130	600V	0.85	PVC ARMoured	COPPER		
	P-300A-J	CONDENSATE TRANSFER PUMP	MCC	P-300A-J	4C X 4mm2	200	600V	0.85	PVC ARMoured	COPPER	11 KW	
	P-300B-J	CONDENSATE TRANSFER PUMP	MCC	P-300B-J	4C X 4mm2	200	600V	0.85	PVC ARMoured	COPPER		
	P-300A-J-LCS	CONDENSATE TRANSFER PUMP-LCS	MCC	P-300A-J-LCS	12CX1.5mm2	200	600V	0.85	PVC ARMoured	COPPER		
	P-300B-J-LCS	CONDENSATE TRANSFER PUMP-LCS	MCC	P-300B-J-LCS	12CX1.5mm2	200	600V	0.85	PVC ARMoured	COPPER		
	P-200A-J	CONDENSATE RECYCLE PUMP	MCC	P-200A-J	4CX 2.5mm2	220	600V	0.85	PVC ARMoured	COPPER	1.5 KW	
	P-200B-J	CONDENSATE RECYCLE PUMP	MCC	P-200B-J	4CX 2.5mm2	220	600V	0.85	PVC ARMoured	COPPER		
	P-200A-J-LCS	CONDENSATE RECYCLE PUMP-LCS	MCC	P-200A-J	12CX1.5mm2	220	600V	0.85	PVC ARMoured	COPPER		
	P-200B-J-LCS	CONDENSATE RECYCLE PUMP-LCS	MCC	P-200B-J	12CX1.5mm2	220	600V	0.85	PVC ARMoured	COPPER		
	AC-100A-J	INLET AIR COOLER	MCC	AC-100A-J	4C X10mm2	120	600V	0.85	PVC ARMoured	COPPER	15 KW	
	AC-100B-J	INLET AIR COOLER	MCC	AC-100B-J	4C X10mm2	120	600V	0.85	PVC ARMoured	COPPER		
	AC-100A-J-LCS	INLET AIR COOLER-LCS	MCC	AC-100A-J-LCS	12CX1.5mm2	120	600V	0.85	PVC ARMoured	COPPER		
	AC-100B-J-LCS	INLET AIR COOLER-LCS	MCC	AC-100B-J-LCS	12CX1.5mm2	120	600V	0.85	PVC ARMoured	COPPER		
	E-300-J	OVERHEAD GAS COOLER	MCC	E-300-J	4CX 2.5mm2	120	600V	0.85	PVC ARMoured	COPPER	3 KW	
	E-300-J-LCS	OVERHEAD GAS COOLER-LCS	MCC	E-300-J-LCS	12CX1.5mm2	120	600V	0.85	PVC ARMoured	COPPER		
	P-400-J	KOD PUMP	MCC	P-400-J	4CX 2.5mm2	320	600V	0.85	PVC ARMoured	COPPER	1.1 KW	
	P-400-J-LCS	KOD PUMP-LCS	MCC	P-400-J-LCS	12CX1.5mm2	320	600V	0.85	PVC ARMoured	COPPER		
	P-700-J	DEEP WELL PUMP	MCC	P-700-J	4C X 4mm2	240	600V	0.85	PVC ARMoured	COPPER	7.5 KW	
	P-700-J-LCS	DEEP WELL PUMP -LCS	MCC	P-700-J-LCS	12CX1.5mm2	240	600V	0.85	PVC ARMoured	COPPER		
	P-700-J	PUMP TO CONTROL PANEL(Flat Cable)	PUMP CONTROL PANEL	PUMP	2 (3C x 4 mm2)	500	600V	0.85	PVC ARMoured	COPPER		
	P-800-J	DEEP WELL PUMP	MCC	P-800-J	4C X 4mm2	240	600V	0.85	PVC ARMoured	COPPER	7.5 KW	
	P-800-J-LCS	DEEP WELL PUMP -LCS	MCC	P-800-J-LCS	12CX1.5mm2	240	600V	0.85	PVC ARMoured	COPPER		
	P-800-J	PUMP TO CONTROL PANEL(Flat Cable)	PUMP CONTROL PANEL	PUMP	2 (3C x 4 mm2)	500	600V	0.85	PVC ARMoured	COPPER		
	P-500A-J	ELECTRIC FIRE WATER PUMP	MCC	P-500A-J	4C X 185mm2	220	600V	0.85	PVC ARMoured	COPPER	134 KW	
	P-500A-J-LCS	ELECTRIC FIRE WATER PUMP-LCS	MCC	P-500A-J-LCS	12CX1.5mm2	220	600V	0.85	PVC ARMoured	COPPER		
	P-500B-J	CONTROL PANEL DIESEL FIRE PUMP	MCC	P-500B-J	4CX 2.5mm2	220	600V	0.85	PVC ARMoured	COPPER	0.5 KW	
	P-600-J	JOCKEY PUMP CONTROL PANEL	MCC	P-600-J	4CX 6mm2	220	600V	0.85	PVC ARMoured	COPPER	11 KW	
	G-1201-P-J	GENERATOR-1 COOLING TOWER PUMP	MCC	G-1201-P-J	4CX 4mm2	30	600V	0.85	PVC ARMoured	COPPER	5.5 KW	
	G-1201-P-J-LCS	GENERATOR-1 COOLING TOWER PUMP-LCS	MCC	G-1201-P-J-LCS	12CX1.5mm2	20	600V	0.85	PVC ARMoured	COPPER		
	G-1201-F-J	GENERATOR-1 COOLING TOWER FAN	MCC	G-1201-F-J	4CX 4mm2	35	600V	0.85	PVC ARMoured	COPPER	5.5 KW	
	G-1201-F-J-LCS	GENERATOR-1 COOLING TOWER FAN-LCS	MCC	G-1201-F-J-LCS	12CX1.5mm2	20	600V	0.85	PVC ARMoured	COPPER		
	G-1202-P-J	GENERATOR-2 COOLING TOWER PUMP	MCC	G-1202-P-J	4CX 4mm2	30	600V	0.85	PVC ARMoured	COPPER	5.5 KW	
	G-1202-P-J-LCS	GENERATOR-2 COOLING TOWER PUMP-LCS	MCC	G-1202-P-J-LCS	12CX1.5mm2	20	600V	0.85	PVC ARMoured	COPPER		
	G-1202-F-J	GENERATOR-2 COOLING TOWER FAN	MCC	G-1202-F-J	4CX 4mm2	35	600V	0.85	PVC ARMoured	COPPER	5.5 KW	
	G-1202-F-J-LCS	GENERATOR-2 COOLING TOWER FAN-LCS	MCC	G-1202-F-J-LCS	12CX1.5mm2	20	600V	0.85	PVC ARMoured	COPPER		
		GENERATOR BATTERY CHARGER	MCC	BATT CHARGER	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER		
		UTILITY POWER OPERATION BUILDING	MCC	UTILITY POWER OPERATION BUILDING	4CX 16mm2	90	600V	0.85	PVC ARMoured	COPPER	22 KW	
		UTILITY POWER WORKSHOP BUILDING	MCC	UTILITY POWER WORKSHOP BUILDING	4CX 6mm2	90	600V	0.85	PVC ARMoured	COPPER	10 KW	
		UTILITY POWER GENERATOR BUILDING	MCC	UTILITY POWER GENERATOR BUILDING	4CX 10mm2	30	600V	0.85	PVC ARMoured	COPPER	15 KW	
	LCP-0701-J	FLARE & BURN PIT CONTROL PANEL	MCC	CONTROL PANEL	4CX 2.5mm2	300	600V	0.85	PVC ARMoured	COPPER	3 KW	
		FLARE PANEL	CONTROL PANEL	FLARE PANEL	3CX 2.5mm2	40	600V	0.85	PVC ARMoured	COPPER		
		BURN PIT PANEL	CONTROL PANEL	BURN PIT PANEL	3CX 2.5mm2	60	600V	0.85	PVC ARMoured	COPPER		

			LIGHTING DISTRIBUTION PANEL	MCC	LIGHT PANEL	5CX 10mm2	20	600V	0.85	PVC ARMoured	COPPER	15 KW
			TOWER LIGHT-1 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-1	3CX 2.5mm2	140	600V	0.85	PVC ARMoured	COPPER	0.6KW
			TOWER LIGHT-2 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-2	3CX 2.5mm2	90	600V	0.85	PVC ARMoured	COPPER	0.6KW
			TOWER LIGHT-3 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-3	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.6KW
		LDP-1401-J	TOWER LIGHT-4 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-4	3CX 2.5mm2	120	600V	0.85	PVC ARMoured	COPPER	0.6KW
			TOWER LIGHT-5 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-5	3CX 2.5mm2	300	600V	0.85	PVC ARMoured	COPPER	0.6KW
			TOWER LIGHT-6 (3 No. 200W light each pole)	LIGHT PANEL	TOWER LIGHT-6	3CX 2.5mm2	260	600V	0.85	PVC ARMoured	COPPER	0.6KW
			PIPE RACK LIGHT-1 (8 No. 100W light)	LIGHT PANEL	PIPE RACK LIGHT-1	3CX 2.5mm2	280	600V	0.85	PVC ARMoured	COPPER	0.8KW
			PIPE RACK LIGHT-2 (8 No. 100W light)	LIGHT PANEL	PIPE RACK LIGHT-2	3CX 2.5mm2	280	600V	0.85	PVC ARMoured	COPPER	0.8KW
			TRANSFER PUMP SHED LIGHT (2 No.36W each light)	LIGHT PANEL	TRANSFER PUMP SHED LIGHT	3CX 2.5mm2	240	600V	0.85	PVC ARMoured	COPPER	0.072 KW
			RECYCLE PUMP SHED LIGHT (2 No.36W each light)	LIGHT PANEL	RECYCLE PUMP SHED LIGHT	3CX 2.5mm2	220	600V	0.85	PVC ARMoured	COPPER	0.072 KW
			DELUGE VALVE & FOAM TANK (2 No.36W each light)	LIGHT PANEL	DELUGE VALVE & FOAM TANK	3CX 2.5mm2	260	600V	0.85	PVC ARMoured	COPPER	0.072 KW
			AIR-CRAFT WARNING LIGHT(50W)	LIGHT PANEL	AIR-CRAFT WARNING LIGHT	3CX 2.5mm2	420	600V	0.85	PVC ARMoured	COPPER	0.05 KW
			LOADING AREA SHED LIGHT (3 No. 200W each light)	LIGHT PANEL	LOADING AREA SHED LIGHT	3CX 2.5mm2	70	600V	0.85	PVC ARMoured	COPPER	0.4KW
		R-100-J	GLYCOL REBOILER	MCC	GLYCOL REBOILER	4CX 2.5mm2	140	600V	0.85	PVC ARMoured	COPPER	5 KW
		H-100-J	WATER BATH HEATER	MCC	WBH PANEL	4CX 2.5mm2	140	600V	0.85	PVC ARMoured	COPPER	6 KW
		02-UPS-1201-J	UPS SYSTEM 1	MCC	UPS-1	3CX 4mm2	70	600V	0.85	PVC ARMoured	COPPER	6 KVA
		02-UPS-1202-J	UPS SYSTEM 2	MCC	UPS-2	3CX 4mm2	70	600V	0.85	PVC ARMoured	COPPER	6 KVA
			UPS-1&2-DB	UPS-1&2	UPS-1&2-DB	3CX 4mm2	10	600V	0.85	PVC ARMoured	COPPER	
			DCS PANEL	UPS-1&2-DB	DCS PANEL	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.4KW
			ENGINEERING STATION	UPS-1&2-DB	ENG STATION	3CX 2.5mm2	40	600V	0.85	PVC ARMoured	COPPER	0.4KW
			OPERATOR STATION	UPS-1&2-DB	OP STATION	3CX 2.5mm2	40	600V	0.85	PVC ARMoured	COPPER	0.4KW
			MCC I/O RIO-001	UPS-1&2-DB	MCC ROOM,	3CX 2.5mm2	70	600V	0.85	PVC ARMoured	COPPER	0.25KW
			PLANT MIMIC PANEL	UPS-1&2-DB	PLANT MIMIC BOARD	3CX 2.5mm2	50	600V	0.85	PVC ARMoured	COPPER	0.2KW
		02-UPS-1201 & 2-J	INTERCOM SYSTEM	UPS-1&2-DB	INTERCOM SYSTEM	3CX 2.5mm2	50	600V	0.85	PVC ARMoured	COPPER	0.05 KW
			WBH	UPS-1&2-DB	WBH	3CX 2.5mm2	40	600V	0.85	PVC ARMoured	COPPER	0.2 KW
			REBOILER	UPS-1&2-DB	REBOILER	3CX 2.5mm2	140	600V	0.85	PVC ARMoured	COPPER	0.2 KW
			FLARE CONTROL PANEL	UPS-1&2-DB	FLARE CONTROL	3CX 2.5mm2	300	600V	0.85	PVC ARMoured	COPPER	0.2 KW
			PRINTER	UPS-1&2-DB	PRINTER	3CX 2.5mm2	50	600V	0.85	PVC ARMoured	COPPER	0.05 KW
			LASER PRINTER	UPS-1&2-DB	LASER PRINTER	3CX 2.5mm2	50	600V	0.85	PVC ARMoured	COPPER	0.1 KW
			UPS-3	UPS-1&2-DB	UPS-3	3CX 2.5mm2	10	600V	0.85	PVC ARMoured	COPPER	1 KVA
			FLOW COMPUTER	UPS-1&2-DB	FLOW COMPUTER	3CX 2.5mm2	40	600V	0.85	PVC ARMoured	COPPER	0.052 KW
			UPS (FIRE & GAS)	UPS-2	UPS-3	3CX 2.5mm2	10	600V	0.85	PVC ARMoured	COPPER	1 KVA
			UPS-3-DB	UPS-3	UPS-3-DB	3CX 2.5mm2	10	600V	0.85	PVC ARMoured	COPPER	
		02-UPS-1203-J	FIRE PANEL	UPS-3-DB	FIRE PANEL	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.1 KW
			FIRE MIMIC PANEL	UPS-3-DB	FIRE MIMIC PANEL	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.05 KW
			ALARM SYSTEM	UPS-3-DB	ALARM SYSTEM	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.2 KW
			POWER SUPPLY	UPS-3-DB	POWER SUPPLY	3CX 2.5mm2	30	600V	0.85	PVC ARMoured	COPPER	0.14 KW
			UPS (EMERGENCY LIGHTING)	MCC	UPS-4	3CX 2.5mm2	60	600V	0.85	PVC ARMoured	COPPER	2 KVA
			FIRE WATER PUMP SHED LIGHT (2set.72W each light)	LIGHT PANEL	FIRE WATER PUMP SHED LIGHT	3CX 2.5mm2	160	600V	0.85	PVC ARMoured	COPPER	0.072 KW
			UPS-4-DB	UPS-4	UPS-4-DB	3CX 2.5mm2	10	600V	0.85	PVC ARMoured	COPPER	
		02-UPS-1204-J	CONTROL ROOM	UPS-4-DB	CONTROL ROOM	3CX 2.5mm2	50	600V	0.85	PVC ARMoured	COPPER	0.4 KW
			GENERATOR ROOM	UPS-4-DB	GEN. ROOM	3CX 2.5mm2	60	600V	0.85	PVC ARMoured	COPPER	0.24 KW
			MCC ROOM	UPS-4-DB	MCC ROOM	3CX 2.5mm2	60	600V	0.85	PVC ARMoured	COPPER	0.16 KW
			WORKSHOP BUILDING LIGHT	UPS-4-DB	WORKSHOP BUILD.	3CX 2.5mm2	80	600V	0.85	PVC ARMoured	COPPER	0.24 KW
A	2015.10.28	ISSUED FOR APPROVAL								AS	MH	VG
REV	DATE	DESCRIPTION								PREPARED	CHECKED	APPROVED

