

			DATA TEKNIS PROYEK		Nomor :
					Halaman :
BIRO ENGINEERING			KAWASAN EKONOMI KHUSUS		Tanggal :
NAMA PROYEK			: MANDALIKA URBAN TOURISM AND INFRASTRUCTURE PROJECT		
PEMILIK			: PT INDOONESIAN TOURISM DEVELOPMENT CORPORATION (ITDC)		
JENIS PROYEK			: INFRASTRUKTUR KAWASAN EKONOMI KHUSUS		
LOKASI			: KUTA MANDALIKA - LOMBOK		
PERIODE PELAKSANAAN					
NO	DESKRIPSI		MUTIP		KETERANGAN
			JUMLAH/ UKURAN	SATUAN	
1	UMUM				
	LUAS LAHAN		1.175,00	Ha	
2	PEKERJAAN INFRASTRUKTUR DASAR (JALAN, RIVER, TEMPORARY EVACUATION SHELTER, AMENITY CORE) : +/- IDR 1,6 triliun				
	PAKET 1				
		B3-B4	427,32	m'	thickness : 200 mm wide : 8 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		I2-I3	406,90	m'	thickness : 200 mm wide : 8 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		P1-P2	244,17	m'	thickness : 200 mm wide : 8 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		O2-O1	795,09	m'	thickness : 200 mm wide : 9m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage U-Ditch 60x60
		Link Road Round O2	180,68	m'	thickness : 200 mm wide : 9 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		P4-P5	689,10	m'	thickness : 200 mm wide : 8 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		Link Road Round P5	62,83	m'	thickness : 200 mm wide : 12,7 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		Q3-Q4	448,73	m'	thickness : 200 mm wide : 13 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm
		Link Road Round Q3	62,83	m'	thickness : 200 mm wide : 10 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
		Q-R4	2.431,70	m'	thickness : 265 mm wide : 18 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank dan U-Ditch

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			Link Road Round Q1		102,10	m'	thickness : 200 mm wide : 9 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention & Modular Tank
			GA1-GA2		1.519,15	m'	thickness : 200 mm wide : 6 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage U Ditch 60x60
			GB1-GB2		1.206,05	m'	thickness : 200 mm wide : 10m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage U-Ditch 60x60
			Road at TES 1		255,16	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 2		225,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 3		493,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 4		350,00	m'	Asphalt AC-BC wide : 6m LPA : 15 cm Subgrade : 6% Drainage U-Ditch
			Road at TES 5		243,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 6		279,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 7		447,80	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 7A		62,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 8		223,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch
			Road at TES 9		99,00	m'	thickness : 80 mm wide : 3m Decorative Concrete f'c : 20 Mpa (wiremesh) Sandbed : 10 cm Subgrade : 6% Drainage Open Ditch

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			PAKET 2				
			R-U		756,25	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round R		267,04	m'	thickness : 200 mm wide : 10 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round U		161,79	m'	thickness : 200 mm wide : 7 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W-W1		146,33	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round W1		161,97	m'	thickness : 200 mm wide : 7 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W3-W3' (W3 Corner)		204,38	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round W3		282,74	m'	thickness : 200 mm wide : 17,5 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			R4-W4		61,30	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W2-U4		114,25	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round U4		172,79	m'	thickness : 200 mm wide : 10 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W2-W4		943,76	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			U4-T		411,78	m'	thickness : 200 mm wide : 14 m road f's : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			W4-W1		297,02	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road Round U1		86,39	m'	thickness : 200 mm wide : 7,5 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			U1-U4		1.557,28	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			F-U		781,92	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road F		157,08	m'	thickness : 200 mm wide : 11,5 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			U-U3		370,17	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W1-W2		432,49	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road F1		86,39	m'	thickness : 200 mm wide : 7 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			F1-U2		1.370,30	m'	thickness : 200 mm wide : 7,5 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W2-W2' (W2 Corner)		163,20	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road W2		161,79	m'	thickness : 200 mm wide : 7 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W1-W1' (W1 Corner)		164,56	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W4-W4' (W4 Corner)		143,01	m'	thickness : 200 mm wide : 14 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/UKURAN	SATUAN	
			Link Road W4		161,79	m'	thickness : 200 mm wide : 7 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W3-S		79,94	m'	thickness : 200 mm wide : 10 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			W3-T		130,26	m'	thickness : 200 mm wide : 10 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road T R1		172,79	m'	thickness : 200 mm wide : 10 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			F2-F3		375,00	m'	thickness : 200 mm wide : 6 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			F3-F4		442,52	m'	thickness : 200 mm wide : 8 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			U4-XC		132,49	m'	thickness : 200 mm wide : 6 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			Link Road V		114,67	m'	thickness : 200 mm wide : 10 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			V-V1		669,99	m'	thickness : 200 mm wide : 8 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			V-V2		977,96	m'	thickness : 200 mm wide : 7,5 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
			S-S1		649,66	m'	thickness : 200 mm wide : 10 m road fs : 45 Mpa pedestrian Lean Concrete f'c : 10 Mpa Subgrade : CBR 6% LPA : 15 cm Drainage Bioretention tanpa Modular Tank / Open Ditch
	JUMLAH AMENITY CORE :						
			PAKET 1				
			Amenity Core 1 - 5				
			Berugak Kios (5 unit)		9,00		
			Berugak Kanteen (3 unit)		288,00		
			Berugak Shelter (5 Unit)		18,00		

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			Berugak Prayroom (5 unit)		24		
			Berugak Toilet (5 unit)		19,80		
			<b>Amenity Core 6 - 10</b>				
			Berugak Kios (5 unit)		9,00		
			Berugak Kanteen (5 unit)		288,00		
			Berugak Shelter (5 Unit)		18,00		
			Berugak Prayroom (5 unit)		24		
			Berugak Toilet (8 unit)		19,80		
	<b>PARKING AREA :</b>						
			<b>PAKET 1</b>				
			Parking 2				85 cars
			Parking 4				48 cars
			Parking 5				13 bus ; 135 cars
			Parking 6				7 bus ; 39 cars
			Parking 7				72 cars
			Parking 8				114 cars
			Parking 11				75 cars
			<b>PAKET 2</b>				
			Parking 9				5 bus ; 58 cars ; 104 motorcycles
			Parking 10				114 cars
	<b>RIVER TRAINING :</b>						
			<b>PAKET 1</b>				
			Clarke Quay Upstream		622,31	m'	Stone Masonry
			Clarke Quay Downstream		485,38	m'	Stone Masonry
			Kuta		775,00	m'	Stone Masonry
			<b>PAKET 2</b>				
			Golf Course		800,00	m'	Stone Masonry
			Songgong		1.280,00	m'	Stone Masonry
			Nandus		1.497,00	m'	Stone Masonry
			Sereneng		1.895,00	m'	Stone Masonry
	<b>RETENTION POND :</b>						
			Clarke Quay		55.989,0 M3		Terdapat Tanaman Air (Kiambang, Papyrus)
			Club Med		62.914,0 M3		
			TTA 3		173.143,0 M3		

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
	BOX CULVERT :						
			PAKET 1				
			Box Culvert 02		20,00	m'	cast in situ f'c : 30 Mpa thickness : 500 mm width : 18 m height : 3 m
			Box Culvert 22		60,00	m'	cast in situ f'c : 30 Mpa thickness : 450 mm width : 11 m height : 3 m
			PAKET 2				
			Box Culvert 08		45,00	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 18,8 m height : 3 m
			Box Culvert 10		45,00	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 18,8 m height : 3 m
			Box Culvert 11		45,00	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 18,8 m height : 3 m
			Box Culvert 12		45,00	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 22,8 m height : 3 m
			Box Culvert 13		45,00	m'	cast in situ f'c : 30 Mpa thickness : 500 mm width : 16 m height : 3 m
			Box Culvert 15		24,00	m'	cast in situ f'c : 30 Mpa thickness : 450 mm width : 11,1 m height : 3 m
			Box Culvert 16		45,00	m'	cast in situ f'c : 30 Mpa thickness : 500 mm width : 17,4 m height : 3 m
			Box Culvert 17		10,90	m'	cast in situ f'c : 30 Mpa thickness : 800 mm width : 8 m height : 5,1 m
			Box Culvert 21		45,00	m'	cast in situ f'c : 30 Mpa thickness : 400 mm width : 9,2 m height : 3 m
			Box Culvert 27		45,00	m'	cast in situ f'c : 30 Mpa thickness : 700 mm width : 13,6 m height : 3 m
			Box Culvert 28		16,00	m'	cast in situ f'c : 30 Mpa thickness : 500 mm width : 12 m height : 3 m
			Box Culvert 29		20,00	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 14,8 m height : 3 m
			Box Culvert 30		23,20	m'	cast in situ f'c : 30 Mpa thickness : 600 mm width : 21 m height : 3 m
			Box Culvert 31		17,00	m'	cast in situ f'c : 30 Mpa thickness : 250 mm width : 3 m height : 3 m
			Box Culvert 32		72,00	m'	cast in situ f'c : 30 Mpa thickness : 250 mm width : 3 m height : 3 m
	UTILITY DUCT :						

NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			PAKET 1				
			K - P - Q <sub>1</sub>		686,00	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			P <sub>1</sub> - P <sub>2</sub>		244,00	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			P <sub>4</sub> - P <sub>5</sub>		689,00	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			Q <sub>3</sub> - Q <sub>4</sub>		449,00	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			Q - R <sub>4</sub>		2.431,00	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			PAKET 2				
			R-U		756,25	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W-W1		146,33	m'	Type 2 width : 1 m height : 1 m precast f'c : 30 Mpa
			W3 Corner		204,38	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			R4-W4		61,3	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W2-U4		114,25	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			U4-T		412	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W4-W1		297,02	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			U1-U4		1.557,28	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			U-F		781,92	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			U-U3		370,17	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa



NO	DESKRIPSI				MUTIP		KETERANGAN
					JUMLAH/ UKURAN	SATUAN	
			W1-W2		432,49	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W2 Corner		163,2	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W1 Corner		164,56	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			W4 Corner		143,01	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			F2-F3		500	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
			F3-F4		442,52	m'	Type 1 thickness : 250 mm width : 3 m height : 3 m precast f'c : 30 Mpa
	TEMPORARY EVACUATION SHELTER (TES) :						
			TES 1		1.566,58	m2	
			TES 2		4.104,30	m2	
			TES 3		4.235,52	m2	
			TES 4		9.625,44	m2	5 Building
			TES 5		2.132,17	m2	
			TES 6		2.745,76	m2	
			TES 7		2.688,01	m2	
			TES 8		11.721,59	m2	
			TES 9		2.573,39	m2	
			TES 10		7.178,64	m2	
			TES 11		8.030,22	m2	
	BUS STOP (HALTE BUS )				17 Lokasi		
	LAGOON						
			West Lagoon		750.781,0	M3	Geotextile Non Woven Rip Rap
			East Lagoon Pond				Retaining Wall Stone Masonry
	MASJID		Teten Mosque		324	M2	
	GROUND WATER TANK		GWT West		8.000 m3 x 3 tangki		Bentuk Circular f'c : 25 Mpa
			GWT East		7,000 m3 x 3 tangki		Bentuk Circular f'c : 25 Mpa

NO	DESKRIPSI		MUTIP		KETERANGAN
			JUMLAH/ UKURAN	SATUAN	
	STREET LIGHTING		Solar LED Street Light		100 Watt - Philips LED Luminuous Flux : 15.000 - 15.500 LM Solar Panel DC36V - 144W Mounting Height 8 - 12 m Dimension : 1342 x 536 x 128 Fully Charging : 6 10 hours Discharge Time : 24 hours continuous Cold Temperature : Cold White 6000-6500K
	CLEAN WATER PIPE				
	From Pump Room :	HDPE Pipe diameter :	250	mm	
			300	mm	SWRO Pipe
			350	mm	PDAM Pipe
			400	mm	
	In Road Line :	HDPE Pipe diameter :	50	mm	
			65	mm	
			80	mm	
			125	mm	
			150	mm	
			200	mm	
			250	mm	
			300	mm	
		Elbow L 90o Diameter	40 x 40	mm	
			50 x 50	mm	
			80 x 80	mm	
		Tee Diameter	50 x 50 x 50	mm	
			80 x 80 x 65	mm	
			80 x 80 x 80	mm	
			100 x 100 x 65	mm	
			200 x 200 x 80	mm	
			200 x 200 x 150	mm	
		Water Meter Diameter	50	mm	
		Gate Valve	40	mm	
			50	mm	
			80	mm	
	SEWAGE LIFTING STATION				
	WASTE WATER PIPE	HDPE Pipe diameter :	50	mm	
			80	mm	
			125	mm	
			150	mm	
			200	mm	
			250	mm	

NO	DESKRIPSI		MUTIP		KETERANGAN
			JUMLAH/ UKURAN	SATUAN	
			300	mm	
	Elbow L 90o Diameter		40 x 40	mm	
			50 x 50	mm	
			80 x 80	mm	
			125 x 125	mm	
			150 x 150	mm	
			400 x 400	mm	
	T - Y Branch Pipe		200 x 200 x 125	mm	
			200 x 200 x 150	mm	
			250 x 250 x 80	mm	
			250 x 250 x 80	mm	
			250 x 250 x 200	mm	
			300 x 300 x 200	mm	
	Gate Valve Dia		125	mm	
			150	mm	
			200	mm	
			250	mm	
			300	mm	
			350	mm	
	Washout		65	mm	
	Reducer		150 x 125	mm	
			200 x 150	mm	
			400 x 350	mm	
	Elbow 45o Diameter		100 x 100	mm	
	Tee Diameter		400 x 400 x 200	mm	
			150 x 150 x 40	mm	
			65 x 65 x 40	mm	
	IRRIGATION WATER PIPE				
	HDPE Pipe diameter :		25	mm	
			32	mm	
			40	mm	
			50	mm	
			65	mm	
			100	mm	
			150	mm	
	Tee Diamater		65 x 65 x 40	mm	
			150 x 150 x 40	mm	
	Water Meter Diameter		25	mm	
			32	mm	
			40	mm	
	Gate Valve Diameter		65	mm	

NO	DESKRIPSI		MUTIP		KETERANGAN
			JUMLAH/ UKURAN	SATUAN	
			100	mm	
			150	mm	
			250	mm	
		Elbow 45o Diameter	40 x 40	mm	
		Elbow L 90o Diameter	50 x 50	mm	
		PRV Diameter	25	mm	
			32	mm	
			50	mm	
			65	mm	
		Cable Tray Utility Duct			
		Lighting Utility Duct			
		Pump			
	GATE				
	Gate 1 - 10	Bored Pile			
		Substructure			
		Super Structure			
		H - Beam			
		Roof			
		Tegola			
		Metalzinc			
		Alumunium Insulation			
		Farciaboard			
		Ridge			
		Purlin			
		Rafter			
		Wooden Fascia			
		Ornament			
		Roof Crown			
		Wall and Partition			
		Doors and Window			
		Floor			
		Ceiling			
		Sanitary			
	Security Booth	Substructure			
		Superstructure			
		Wall and Partition			
		Door and Window			
		Floor			
		Ceiling			

NO	DESKRIPSI		MUTIP		KETERANGAN
			JUMLAH/ UKURAN	SATUAN	
		Plumbing System			
		Electrical Installation			
		Fire Extinguisher			
	BUS SHELTER	Berugak 6m x 3m			Substructure, Frame Upper Floor, Roof, Floor Finish, Furniture accessories, Electrical (Lighting Baret Lamp TLC, MCB Box, Panel LP - Halte, Circuit Wiring), cctv, cable fiber optic
		Amenity Core 3m x 6m			Substructure, Frame Upper Floor, Roof, Floor Finish, Furniture accessories, Electrical (Lighting Baret Lamp TLC, MCB Box, Panel LP - Halte, Circuit Wiring), cctv, cable fiber optic
	LANDSCAPE				
	Pohon	Flamboyan			
		Degulpta			
		Kigelia			
		Palm Sadeng			
		Kecrutan			
		Waru Marun			
		Tembusu			
		Pandan Laut			
		Bintaro Daun Merah			
		Santan			
		Kamboja Kuning Cendana			
		Ketapang			
		Palm Canariensis			
		Kelor Afrika			
		Trembesi			
		Pule			
		Bungur			
	Semak Perdu	Bakung Lele			
		Alang - alang merah			
		Lili Brasil			
		Pandan Kuning			
		Kana Bunga Orange			
		Alang - alang ekor kuda			
		Jarak Wulung			
		Buiduri			
		Pisang Gantng			
		Melati Jepang			
		Bougenvile			
		Lee Kwan Yu			
		Kana Daun Merah			

NO	DESKRIPSI	MUTIP		KETERANGAN	
		JUMLAH/ UKURAN	SATUAN		
3	WASTE WATER TREATMENT PLANT (+/- IDR 80 MILYAR)				
	Sequencing Batch Reactor - Anaerobic Baffle Reactor			Land Required : 0,48 Ha	
		10.000	m3 / day	System Sequence : Screen - Collecting Wells - ABR - SBR - Rapid Sand Filter - Maturation Pond - Sludge Drying Bed	
				Treatment Capacity 240,6 Liter per Day ; Sludge Production 9,5 m3 per day	
4	ELECTRICITY AND SUPPORTING FACILITIES (+/- IDR 500 MILYAR)				
	Main Panel Control 1		120	MVA	Medium Voltage Network 20 kV
	Main Panel Control 2		145	MVA	SCADA System with CCTV Monitoring
					Total Demand + Safety Factor : 265 Kva (thn 2040)
5	SOLID WASTE TREATMENT PLANT (+/- IDR 50 MILYAR)				
			5.000	m2	rencana timbulan limbah max (tahun 2040) : 600,5 m3 / day
					System : Reuse / Recycleable & Composting & Incinerator with capacity 0,5 m3/day (Under Discussion with AIIB)