PROJECT :	PROPOSED 2-STOREY ADVANCED MANUFACTURING CENTER											
LOCATION :	GEN. SANTOS AVE., BICUTAN, TAGUIG CITY, METRO MANILA									PLUMBING WORKS		
ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
PART A	EQUIPMENT AND ACCESSORIES											
A.1	BOOSTER PUMP		SET									
A.2	BOOSTER PUMP		SET									
A.3	ELEVATOR SUMP PUMP		SET									
A.4	PUMP CONTROLLERS		SET									
A.5	PUMP ACCESSORIES		SET									
A.6	RAIN CATCHMENT		SET									
	TOTAL PART A											
PART B	INSTALLATION OF PVC STORM DRAINS, SOIL PIPES @ GROUND FLOOR											
B.1	Supply and install of PVC pipe Series 1000 including fittings,elbows, tees,reducers, off-set, leak testing, flushing and all other necessary accessories and related works to complete the system											
	250 mm diameter		LM									
	200 mm diameter		LM									
	150 mm diameter		LM									
	100 mm diameter		LM									
	75 mm diameter		LM									
	50 mm diameter		LM									
B.2	PVC ELBOW											
	100 mm diameter		PC									
	50 mm diameter		PC									
B.3	PVC TEE EQUAL											
	150 mm diameter		PC									
	50 mm diameter		PC									
B.4	WYE FITTINGS											
	100 diameter Equal		PC									
	100 x 50 diameter		PC									
	150 x 100 diamter		PC									
	200 x 100 diameter		PC									
B.5	PVC COUPLING											
	250 mm diameter		PC									
	200 mm diameter		PC									
	150 mm diameter		PC									
	100 mm diameter		PC									
B.6	ACCESSORIES											
	Floor Cleanout											
	150 diameter		PC									
	100 diameter		PC									
	Floor Drain											
	50 diameter		PC									
	P-Trap											
	50 diameter		PC									
B.7	TOILET FIXTURES											
	Urinal with sensor		SETS									
	Water Closet with sensor		SETS									
	Lavatory		SETS									
	Bidet		SETS									
	Faucet with sensor		SETS									
	Hand Dryers		SETS									
B.8	OTHERS											
	HANGERS AND SUPPORTS		LOT									
	CONSUMABLES		LOT									

	SEPTIC TANK											
	4000 Gallons		SETS									
	1000 Gallons		SETS									
	Catch Basin 300x300		SETS									
	Area Drain 600x600		SETS									
	Junction Box 800x800		SET									
	Hose Bibbs		SETS									
	900mm RCDP		lm									
	TOTAL PART B											
PART C	**INSTALLATION OF WATERLINE SYSTEM @ GROUND FLOOR**											
C.1	PPR PN-20 Pipes											
	65 Diameter		LM									
	40 Diameter		LM									
	32 Diameter		LM									
	25 Diameter		LM									
	20 Diameter		LM									
C.2	PPR PN-20 Elbow											
	65 Diameter		PC									
	40 Diameter		PC									
	32 Diameter		PC									
	25 Diameter Threaded		PC									
	20 Diameter Threaded		PC									
C.3	PPR PN-20 Coupling Reducer											
	65 x 40		PC									
	65 x 32		PC									
	40 x 25		PC									
	32 x 25		PC									
C.4	PPR PN-20 Tee											
	20 Diameter		PC									
C.5	PPR PN -20 Coupling											
	65 Diameter		PC									
	40 Diameter		PC									
	32 Diameter		PC									
	25 Diameter		PC									
	20 Diameter		PC									
C.6	Gate Valve											
	20 Diameter Bypass Valve		set									
	Float Valve		set									
	20 Diameter		PC									
C.7	Others											
	Hangers and Supports		lot									
	Consumables		lot									
	Cistern Tank		lot									
C.8	Irrigation Pipes PVC Blue											
	32mm		LM									
	25mm		LM									
	20 mm		LM									
	Pipes Fittings		LOT									
	Gate Valve											
	32mm		SET									
	25mm		SET									
	20 mm		SET									
	Consumables		LOT									
	TOTAL PART C											
	TOTAL GROUND FLOOR											

PART D	**INSTALLATION OF PVC STORM DRAINS, SOIL PIPES @SECOND FLOOR**											
D.1	Supply and install of PVC pipe Series 1000 including fittings,elbows, tees,reducers, off-set, leak testing, flushing and all other necessary accessories and related works to complete the system											
	100 mm diameter		LM									
	75 mm diameter		LM									
	50 mm diameter		LM									
D.2	PVC ELBOW											
	100 mm diameter		PC									
	50 mm diameter		PC									
D.3	PVC TEE EQUAL											
	50 mm diameter		PC									
D.4	WYE FITTINGS											
	100 diameter Equal		PC									
	100 x 50 diameter		PC									
D.5	PVC COUPLING											
	100 mm diameter		PC									
	50 mm diameter		PC									
D.6	ACCESSORIES											
	Floor Cleanout											
	100 diameter		PC									
	Ceiling Cleanout											
	100 diameter		PC									
	Floor Drain											
	50 diameter		PC									
	100 diamter		PC									
	Canopy Drain											
	100 diameter		PC									
	Balcony Drain											
	100 diameter		PC									
	P-Trap											
	50 diameter		PC									
	Greast Trap 5gpm		SETS									
D.7	TOILET FIXTURES											
	Urinal with sensor		SETS									
	Water Closet with sensor		SETS									
	Lavatory		SETS									
	Bidet		SETS									
	Faucet with sensor		SETS									
	Bath tub		SETS									
	Hand Dryers		SETS									
D.8	OTHERS											
	HANGERS AND SUPPORTS		LOT									
	CONSUMABLES		LOT									
	TOTAL PART D											
PART E	**INSTALLATION OF WATERLINE SYSTEM @ SECOND FLOOR**											
E.1	PPR PN-20 Pipes											
	50 Diameter		LM									
	40 Diameter		LM									
	32 Diameter		LM									
	25 Diameter		LM									
	20 Diameter		LM									
E.2	PPR PN-20 Elbow											
	50 Diameter		PC									
	40 Diameter		PC									
	32 Diameter		PC									
	25 Diameter Threaded		PC									

	20 Diameter Threaded		PC									
E.3	PPR PN-20 Coupling Reducer											
	50 x 40		PC									
	50 x 20		PC									
	40 x 20		PC									
	32 x 20		PC									
E.4	PPR PN-20 Tee											
	20 Diameter		PC									
E.5	PPR PN -20 Coupling											
	50 Diameter		PC									
	40 Diameter		PC									
	32 Diameter		PC									
	25 Diameter		PC									
	20 Diameter		PC									
E.6	Gate Valve											
	20 Diameter		PC									
E.7	Others											
	Hangers and Supports		lot									
	Consumables		lot									
	TOTAL PART E											
	TOTAL SECOND FLOOR											
PART F	**INSTALLATION OF PVC STORM DRAINS, SOIL PIPES @ ROOF FLOOR**											
F.1	Supply and install of PVC pipe Series 1000 including fittings,elbows, tees,reducers, off-set, leak testing, flushing and all other necessary accessories and related works to complete the system											
	100 mm diameter		LM									
	75 mm diameter		LM									
F.2	PVC ELBOW											
	100 mm diameter		PC									
	75 mm diameter		PC									
F.3	WYE FITTINGS											
	75 diameter Equal		PC									
F.4	PVC COUPLING											
	100 mm diameter		PC									
F.5	ACCESSORIES											
	100 diamter Roof drain		PC									
	TOTAL ROOF DECK FLOOR											
	TOTAL SE WORKS											