DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description

MEZ STP-WRP OPERATIONS AND MAINTENANCE MANAGEMENT 2021

Operations

 For those who are required to work on special days and regular holidays (Electrician, Mechanic Pipe Fitter, Driver/Mechanic, Welder, Operator)

Welder. Operator)
- For those who are not required to work on special days and regular holidays (Plant Supervisor, Administrative Officer Registered Electrical Engineer, Utility Staff)

24 hours, 7 days a week

393.5 days annually (32.792 days/month)

313 days annually (26.083 days/month)

Employee Shifts

3 shifts (6AM-2PM, 2PM-10 PM, 10PM-6AM)

		1 day off No. of	1		1
	Designation		No. of Days	Daily Basic	Annual Amount
	<u> </u>	Person	Ho. o. bayo	Rate	74 maar 74 moant
Α.	LABOR				
	A.1. WAGE				
	a. PLANT SUPERVISOR	1	26.083		
	b. ADMINISTRATIVE OFFICER	1	26.083		
	c. REGISTERED ELECTRICAL ENGINEER	1	26.083		
	d. ELECTRICIAN	1	32.792		
	e. MECHANIC PIPE FITTER	1	32.792		
	f. DRIVER / MECHANIC	1	32.792		
	g. WELDER	1	32.792		
	h. OPERATOR	4	32.792		
	i. UTILITY STAFF	5	26.083		
		Ŭ	20.000		
	A.1. WAGE TOTAL				
			Monthly Rate	Monthly SSS	
		No. of	(26.083	and	Annual Amount
		Person	days/mo)	Contribution	
	A.2. SSS AND EC (2021 Conribution Rate)		uays/iiio)	Contribution	
	a. PLANT SUPERVISOR	1			
	b. ADMINISTRATIVE OFFICER	1			
	c. REGISTERED ELECTRICAL ENGINEER	1			
	d. ELECTRICIAN	1			
	e. MECHANIC PIPE FITTER	1			
	f. DRIVER / MECHANIC	1			
	g. WELDER	1			
	h. OPERATOR	4			
	i. UTILITY STAFF	5			
	A.2. SSS AND EC TOT	AL			
		No. of Person	Monthly Rate (26.083 days/mo)	Contribution	Annual Amount
			uays/iiio)	(3.5%)	
	A.3. PHILHEALTH (2021 Conribution Rate)				
	a. PLANT SUPERVISOR	1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER	1			
	a. PLANT SUPERVISOR				
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER	1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER	1 1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN	1 1 1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER	1 1 1 1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC	1 1 1 1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER	1 1 1 1 1			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF	1 1 1 1 1 4 5			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR	1 1 1 1 1 4 5			
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF	1 1 1 1 1 1 4 5	Monthly Rate	Monthly	
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF	1 1 1 1 1 1 4 5 AL		Monthly PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF	1 1 1 1 1 1 4 5	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT	1 1 1 1 1 1 4 5 AL			Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT	1 1 1 1 1 1 4 5 AL No. of Person	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR	1 1 1 1 1 1 4 5 AL No. of Person	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER	1 1 1 1 1 1 1 4 5 5 AL No. of Person	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER	1 1 1 1 1 1 4 5 5 AL No. of Person 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN	1 1 1 1 1 4 5 No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. MECHANIC PIPE FITTER	1 1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC	1 1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. MECHANIC PIPE FITTER	1 1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC	1 1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR	1 1 1 1 1 4 5 No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER	1 1 1 1 1 4 5 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF	1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 5 5	(26.083	PAGIBIG	Annual Amount
	a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR i. UTILITY STAFF A.3. PHILHEALTH TOT A.4. PAGIBIG (2021 Conribution Rate) a. PLANT SUPERVISOR b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER d. ELECTRICIAN e. MECHANIC PIPE FITTER f. DRIVER / MECHANIC g. WELDER h. OPERATOR	1 1 1 1 4 5 AL No. of Person 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 5 5	(26.083	PAGIBIG	Annual Amount

		No. of Person	less Premium Pays	Monthly Basic Rate - 313 days or 26.083 s/mo)	Annual Amount
	A.5. 13TH MONTH PAY				
	a. PLANT SUPERVISOR	1			
	b. ADMINISTRATIVE OFFICER	1			
	c. REGISTERED ELECTRICAL ENGINEER	1 1			
	d. ELECTRICIAN e. MECHANIC PIPE FITTER	1			
	f. DRIVER / MECHANIC	1			
	g. WELDER	1			
	h. OPERATOR	4			
	i. UTILITY STAFF A.5. 13TH MONTH PAY TO	5			
	A.S. ISTH MONTH FAT TO	No. of	Ī		
		Person	No. of Days	Daily Rate	Annual Amount
	A.6. FIVE DAYS INCENTIVE LEAVE				
	a. PLANT SUPERVISOR	1	5		
	b. ADMINISTRATIVE OFFICER c. REGISTERED ELECTRICAL ENGINEER	1 1	5 5		
	d. ELECTRICIAN	1	5		
	e. MECHANIC PIPE FITTER	1	5		
	f. DRIVER / MECHANIC	1	5		
	g. WELDER	1	5		
	h. OPERATOR i. UTILITY STAFF	4 5	5 5		
	A.6. FIVE DAYS INCENTIVE LEA		5		
	A.O. TIVE DATO INCENTIVE LEA	VL TOTAL			
		No. of	Hourly Rate (10% of daily	Daily Night Premium Rate	Annual Amount
		Person	basic rate at 26.083 days/mo)	(8 hrs duty)	(393.5 days)
	A.7. NIGHT DIFFERENTIAL				
	h. OPERATOR (10 PM - 6 AM Shift)	1			
	A.7. NIGHT DIFFERENTIAL	TOTAL			
	SUM TOTAL FOR A (A.1 + A.2 + A.3 + A.4	+ A.5 + A.6 -	+ A.7)		
	Name and Capacity	No. of Units	No. of Days	Daily Rate	Annual Amount
B.	Equipment				
	 a. Vechicle (Minimum Requirement: Multicab; ELS = 5 years) 	1	annual	[leave blank]	
	ELS = Expected Life Span			[leave blank]	
		3	annual 26.083		
	ELS = Expected Life Span Gasoline (liters)	3 (liters/day)	26.083	(Php/liters)	
	ELS = Expected Life Span	3			
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost)	3 (liters/day) lot	26.083 [leave blank]	(Php/liters) [leave blank]	
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc.	3 (liters/day) lot lot	26.083 [leave blank]	(Php/liters) [leave blank]	
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including	3 (liters/day) lot	26.083 [leave blank]	(Php/liters) [leave blank]	
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc.	3 (liters/day) lot lot	26.083 [leave blank]	(Php/liters) [leave blank]	
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B	3 (liters/day) lot lot	26.083 [leave blank] [leave blank]	(Php/liters) [leave blank] [leave blank]	Annual Amount
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification	3 (liters/day) lot lot	26.083 [leave blank]	(Php/liters) [leave blank] [leave blank]	Annual Amount
	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B	3 (liters/day) lot lot	26.083 [leave blank] [leave blank]	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points)	3 (liters/day) lot lot	26.083 [leave blank] [leave blank]	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants,	3 (liters/day) lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform)	3 (liters/day) lot lot 4 Unit	26.083 [leave blank] [leave blank] 26.083 Quantity	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants,	3 (liters/day) lot lot lot lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown)	3 (liters/day) lot lot 4 Unit	26.083 [leave blank] [leave blank] 26.083 Quantity	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility	3 (liters/day) lot lot lot lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility (See Annex A for Breakdown)	3 (liters/day) lot lot lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility	3 (liters/day) lot lot lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility (See Annex A for Breakdown) 5. Wrenches (Socket Wrench (set) with ratchet, Box Wrench	(liters/day) lot lot 4 Unit lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10 6	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility (See Annex A for Breakdown) 5. Wrenches (Socket Wrench (set) with ratchet, Box Wrench (set), Open end Wrench (set), Adjustable Wrench, Monkey	(liters/day) lot lot 4 Unit lot lot lot	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10 6	(Php/liters) [leave blank] [leave blank]	Annual Amount
c.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility (See Annex A for Breakdown) 5. Wrenches (Socket Wrench (set) with ratchet, Box Wrench (set), Open end Wrench (set), Adjustable Wrench, Monkey Wrench. Torque Wrench)	3 (liters/day) lot lot lot lot lot set	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10 6 1	(Php/liters) [leave blank] [leave blank]	Annual Amount
C.	ELS = Expected Life Span Gasoline (liters) Oils & Lubricants (5% of fuel cost) Equipment registartion renewal and maintenance including tire & etc. b. Communication (data for 4 units) SUM TOTAL FOR B Specification Material 1. Weekly Influent and Effluent Sampling (2 points) (DO, BOD, TSS, Oil&Grease, Ammonia, Nitrate, Phosphate, Surfactants, Color, Temperature, pH, Fecal Coliform) 2. Uniform (Pants and Shirts) - 3 sets per person 3. 4. Personal Protective Equipment for Operations (See Annex A for Breakdown) 4. Personal Protective Equipment for Admin. Officer and Utility (See Annex A for Breakdown) 5. Wrenches (Socket Wrench (set) with ratchet, Box Wrench (set), Open end Wrench (set), Adjustable Wrench, Monkey Wrench. Torque Wrench) 6. Pliers (Gripping, Needle Nose, Pinch off, and Diagonal Cutting)	3 (liters/day) lot lot lot lot lot set set	26.083 [leave blank] [leave blank] 26.083 Quantity 104 16 10 6 1 1	(Php/liters) [leave blank] [leave blank]	Annual Amount

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	9. Multi-meter Tester	unit	1		
	10. Lock Ring Remover	unit	1		
	11. Grease Gun	unit	1		
	12. Gear Puller	unit	1		
	13. Electric Drill with assorted Drill Bits	set	1		
	14. Angle Grinder	unit	1		
	15. Allen Wrench (assorted sizes)	set	1		
	16. Tool Box	unit	1		
	17. Chain Block (3 tons)	unit	1		
	18. Flashlight	unit	2		
	19. Assorted Hammers (ball peen, claw, plastic tip, etc.)	set	1		
	20. Center Punch (assorted sizes)	set	1		
	21. Assorted Chisel	set	1		
	22. Pick Mattock	unit	1		
	23. Bolo	unit	2		
	24. Caliper	unit	1		
	25. Side Cutter	unit	1		
	26. Air Compressor	unit	1		
	27. Bench Vise	unit	1		
	28. Weighing Scale (20-50 kgs)	unit	1		
	29. Pipe Vise	unit	1		
	30. Welding Machine	unit	1		
	31. Wheelbarrow	unit	2		
	32. Insulation Resistance Tester (Megger Tester)	unit	1		
	33. Fusion Welding Machine	unit	1		
	Note: ELS of items 5-33: 3 years)				
	SUM TOTAL FOR C			Р	
D.	Direct Cost (A+B+C)			•	
E.	Administrative Overhead	15% of D	Range: 10-15%	b	
F.	Value Added Tax (VAT)	12% of A			
G.	TOTAL (D+E+F)				

ВІ					

(annual)

Name:	
Designation:	
Date Signed:	