DETAILED COST ESTIMATES $: Emergency\ Rehabilitation\ of\ DFA\ OCA-ASEANA's\ Sewage\ Treatment\ Plant\ (STP)\ with\ One-Year\ Operation\ and\ Maintenance$ Location : Aseana Business Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Parañaque, 1714 Metro Manila UNIT COST DERIVATION Date , GENERAL REQUIREMENTS 0.00 **Total Cost** Item No. I.1 Mobilization / Demobilization Assumed Oty 1 Lot Work Description : Mobilization/ Demobilization DESCRIPTION / COMPUTATION Unit Quantity Unit Cost Amount MATERIAL COST Lot Mobilization / Demobilization This component includes but not limited to the following: a. Personal Protective Equipment (PPEs) b. personnel identification paraphernalia, safety orientation activities and safety signages, among others. c. Vehicle charges, delivery of equipment, transportation of manpower and d. Temporary facilities, office apartment/fabrication site rentals, water and electricity charges with submeter. e. Staking, clearing of site perimeter prior to start of work. f. Site area preparation, including clean-up of the STP area, and STP desludging and hauling, among others. Sub-Total for A LABOR No. of Person No. of Hours **Hourly Rate** Amount 0.00 Foreman Skilled 0.00 0.00 Laborer Sub-Total for B 0.00 EQUIPMENT C. **Hourly Rate** No. of Hours Quantity Amount Sub-Total for C Total (B+C) 0.00 Output per Hour 0.00 ESTIMATED DIRECT COST (D+A) 0.00 Indirect Cost / Mark-up 0.00 Overhead, Contingency & Misc. (OCM), of EDC 6% Contractor's Profit, 8% of EDC 0 Sub-Total

5%

of F & G

0.00

0.00

0.00

0.00

0.00

Value Added Tax (VAT)

Total Indirect Cost (G+I)

TOTAL COST (F+J)

UNIT COST

				ETAILED COST ESTI			
Pro	ject		oilitation of DFA OCA-ASEANA's Sewage T			ntenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado M	acapagal Blvd, Parañaque, 1714 Me	tro Manila		
		UNIT	COST DERIVATION				
					Date :		
	n of Wor		I, GENERAL REQUIREMENTS		Total Cost :	0.00	
Iten	ı No.	I.2	Temporary Facilities		Assumed Qty:	1 Lot	
Wo	rk Descr	iption :	Temporary Facilities				
			PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Temporary Facili	ties	1	Lot		0
A							
			Sub-Total for A			P	(
B.	LABOR		T	No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	in					0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				0
D.	Total (B+C)					0.00
E.		per Hour					0.00
F.	ESTIM	ATED DIRECT COST	Γ (D+A)			P	0.00
G.	. Indirect Cost / Mark-up				P	0.00	
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
Н.	I. Sub-Total				0		
I.	Value A	dded Tax (VAT)		5%	of F & G	0.00	0.00
J.	Total Ir	direct Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
L.	UNIT C	OST					0.00

	ject		ilitation of DFA OCA-ASEANA's Sewage Treatment		r Operation and Mai	ntenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado Macapagal B C COST DERIVATION	lvd, Paranaque, 1714 Mei	tro Manila		
		0.411	COST DERIVITION		Date :		
Iten	n of Wor	·k·	I, GENERAL REQUIREMENTS		Total Cost :	0.00	
	n No.	I.3	Temporary Utilities (Water and Electricty)		Assumed Qty :	1 Lot	
_	rk Descr		Temporary Utilities (Water and Electricty)		rissumed Qty .	1 100	
		DESCRI	PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST			, ,		
		Temporary Utiliti	ies (Water and Electricty)	120	Days		0
				120	2 4 9 5		
Α.							
A							
• B.	LABOR		Sub-Total for A	No. of Domon	No of House	P Handa Bata	A
в.	Forema		T	No. of Person	No. of Hours	Hourly Rate	Amount 0.00
	Skilled						0.00
	Labore	r					0.00
	<u>Labore</u>		Sub-Total for B				
C	EQUIP	MENT	Sub-Total for B	Quantity	No. of Hours	Hourly Rate	0.00 Amount
L.	EQUIF	VIEN I		Quantity	No. of Hours	Hourly Rate	Amount
			C. I. marrier and				(
D.	Total (B+C)	Sub-Total for C				0.00
		per Hour					0.00
F.		ATED DIRECT COS				P	0.00
G.		t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
Н.				070	Of EDC	0	
I.	Value A	dded Tax (VAT)		5%	of F & G	0.00	0.00
J.		direct Cost (G+I)		570	0.1 & 0	5.00	0.00
K.		COST (F+J)					0.00
L.	UNIT C	OST					0.00

			DETAILE	D COCT FCTI	MATTE		
Dro	ioct	· Emargangy Pahal	DETAILE silitation of DFA OCA-ASEANA's Sewage Treatment Pl	D COST ESTI		intonanco	
	ject ation		Park, Bradco Avenue, corner Diosdado Macapagal Blv			intenance	
LOC	ation		COST DERIVATION	u, raranaque, 1714 Me	по манна		
					Date :		
Itor	n of Wor	ch ·	I, GENERAL REQUIREMENTS		Total Cost :	0.00	
	n No.	I.4	Temporary Utilities (Water and Electricty)		Assumed Qty :	1 Lot	
	rk Descr		Temporary Utilities (Water and Electricty)		Assumed Qty :	1 Lot	
WO	i k Desci	iption .	remporary ounces (water and Electricity)				
		DESCRI	PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST	,	Oint	Quantity	omt cost	Amount
		Bonds, Sureties &	Insurances	1	Lot		0
		,		1	Lot		
A							
•			Sub-Total for A			P	0
В.	LABOR			No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	ın					0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
	m . 1.6	D (0)	Sub-Total for C				0
	Total (0.00
E.		per Hour				P	0.00
F.		ATED DIRECT COS	r (D+A)			P	0.00
G.					P	0.00	
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contrac	ctor's Profit,	6.1 m - 1	8%	of EDC	0	
Н.			Sub-Total			0	
_	17-1. *	11-1 m (114 m)					
I.		Added Tax (VAT)		5%	of F & G	0.00	0.00
		COST (F+J)					0.00
N.	TOTAL	(r+J)					0.00
	HIMIT C	COCT					0.00
L.	UNIT C	.031					0.00

Pro	ject	: Emergency Rehab	DE 7 Dilitation of DFA OCA-ASEANA's Sewage Tre	TAILED COST ESTI		intenance	
	ation		Park, Bradco Avenue, corner Diosdado Maca				
			COST DERIVATION	1.0			
			1		Date :		
Iter	n of Wor	·k:	I, GENERAL REQUIREMENTS		Total Cost :	0.00	
	n No.	I.5	Lifting Equipment		Assumed Qty :	1 Lot	
Wo	rk Descr	iption :	Lifting Equipment	I	6,7		
		DESCRI	IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Lifting Equipmen	t	1	Lot		0
A							
			Sub-Total for A			P	O
B.	LABOR			No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	ın				·	0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							(
			Sub-Total for C				O
D.	Total (B+C)					0.00
E.	Output	per Hour					0.00
F.		ATED DIRECT COS	T (D+A)			P	0.00
G.		t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
Contractor's Profit,			8%	of EDC	0		
H.			Sub-Total			0	
I.		dded Tax (VAT)		5%	of F & G	0.00	0.00
J.		ndirect Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
L.	UNIT C	OST					0.00

			DETAILED C	OST ESTI	MATES		
Pro	ject	: Emergency Reha	bilitation of DFA OCA-ASEANA's Sewage Treatment Plant (ST	ΓΡ) with One-Yea	ar Operation and Ma	intenance	
Loc	ation	: Aseana Business	Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Para	ıñaque, 1714 Me	tro Manila		
		UNI	T COST DERIVATION				
					Date :		
Iter	n of Wo	rk:	I, GENERAL REQUIREMENTS		Total Cost :	0.00	
Iter	n No.	I.6	Design Services: Preparation of Construction and As-Built Drawings (Mechanical and Piping, Electrical, Schedule of Load, Equipment Specifications)		Assumed Qty :	<u>1</u> Lot	
Wo	rk Desci	ription :	Design Services: Preparation of Construction and As-Built Specifications)	Drawings (Mech	anical and Piping, E	lectrical, Schedule of Load, Equ	lipment
		DECCD	IDTION / COMPUTATION	T	I		
Α.	IMATEI	RIAL COST	IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
А.	MATE	Design Services:	Preparation of Construction and As-Built Drawings Piping, Electrical, Schedule of Load, Equipment	1	Lot		0
Δ							
A •			Sub-Total for A			P	0
B.	LABOR	l		No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	ın					0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				0
D.	Total (B+C)					0.00
E.	_	per Hour					0.00
F.	ESTIM	ATED DIRECT COS	ST (D+A)			P	0.00
G.	Indirec	t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),		6%	of EDC	0		
	Contra	ctor's Profit,		8%	of EDC	0	
Н.	Sub-Total				0		
I.			50/	-6F 0 C	0.00		
J.			5%	of F & G	0.00	0.00	
J. K.		COST (F+J)					0.00
		,					
L.	UNIT (OST					0.00

Proj	ort	· Emergency Rehal	DETAILED collitation of DFA OCA-ASEANA's Sewage Treatment Plant			intananca	
			Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Pa			intenance	
Loca	ition		Γ COST DERIVATION	iranaque, 1714 Me	u o Manna		
				-	Date :		
Iten	n of Wor	·k :	I, GENERAL REQUIREMENTS	-	Total Cost :	0.00	
	ı No.	I.7	Temporary Safety, First Aid Facilities & Equipment	_	Assumed Qty :	1 Lot	
ıoW	k Descr	iption :	Temporary Safety, First Aid Facilities & Equipment				
		F	F				
		DESCRI	IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Temporary Safety	y, First Aid Facilities & Equipment	1	Lot		0
				-			-
				+			
A							
A			C. I. Ward Co. A			p	
• B.	LABOR		Sub-Total for A	No. of Person	No. of Hours	Hourly Rate	Amount
L	Forema		I	No. of Ferson	No. of flours	Hourly Rate	0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C	EQUIP!	MENT	Sub Total for B	Quantity	No. of Hours	Hourly Rate	Amount
G.	LQUII	·1E141		Quantity	No. or flours	Hourly Rate	Amount
			Sub-Total for C				0
D.	Total (B+C)	Sub-Total for C				0.00
		per Hour					0.00
F.	ESTIMA	ATED DIRECT COS	L T (D+A)			P	0.00
G.	Indirect	t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
Н.						0	
				1			
I.	Value A	dded Tax (VAT)		5%	of F & G	0.00	0.00
J.	Total In	direct Cost (G+I)		1			0.00
K.	TOTAL	COST (F+J)					0.00
L.	UNIT C	OST					0.00

			DETAILED C				
Pro			politation of DFA OCA-ASEANA's Sewage Treatment Plant (ST			intenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Para F COST DERIVATION	inaque, 1714 Me	tro Maniia		
		ONI	LOST DERIVATION	1	Date :		
Itor	n of Wor	elz .	I, GENERAL REQUIREMENTS	-		0.00	
	n No.	I.8	Temporary Barriers and Enclosures, Saftey Protection and	-	Total Cost :	0.00	
			Requirements		Assumed Qty:	1 Lot	
Wo	rk Descr	iption :	Temporary Barriers and Enclosures, Saftey Protection and	Requirements			
		DESCRI	IPTION / COMPUTATION		0	H. P. C. of	
Α.	МАТЕ	RIAL COST	TION / COMI CIATION	Unit	Quantity	Unit Cost	Amount
			ers and Enclosures, Saftey Protection and	1	Lot		0
			·	-	Lot		0
A							
			Sub-Total for A			P	0
• B.	LABOR	<u> </u>	Sub-1 otal for A	No. of Person	No. of Hours	Hourly Rate	Amount
<u> </u>	Forema			No. of Ferson	No. of Hours	Hourty Race	0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
D	Total	D.C)	Sub-Total for C				0.00
D. E.	Total (B+C) t per Hour					0.00
F.		ATED DIRECT COS	T (D+A)			P	0.00
			I (DTA)			P	0.00
<u>.</u>	Overhead, Contingency & Misc. (OCM),		6%	of EDC	0	0.00	
	Contractor's Profit,		8%	of EDC	0		
H.					0		
I.		Added Tax (VAT)		5%	of F & G	0.00	0.00
J.		ndirect Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
L.	IINIT	'OST					0.00
L.	UNIT COST						0.00

Pro			oilitation of DFA OCA-ASEANA's Sewage Treatment Plan		ar Operation and Ma	intenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd,	Parañaque, 1714 Me	tro Manila		
		UNI	COST DERIVATION				Ī
					Date :		
	n of Wor		I, GENERAL REQUIREMENTS		Total Cost :	0.00	
Iten	n No.	I.9	Cleaning and Waste Management (Disposal and Siphoning)		Assumed Qty:	1 Lot	
Wo	rk Descr	ription :	Cleaning and Waste Management (Disposal and Sipho	ning)			
			IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST			_		
		Cleaning and Was	ste Management (Disposal and Siphoning)	1	Lot		0
_							
A			C b m + 10 + 4			P	0
B.	LABOR		Sub-Total for A	No. of Person	No. of Hours	Hourly Rate	Amount
Б.	Forema			No. of 1 crson	No. or flours	nourly Rate	0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				0
	Total (B+C)					0.00
E.	Output	per Hour					0.00
		ATED DIRECT COS	T (D+A)			P	0.00
G.		t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
H.	H. Sub-Total				0		
_							
I.		dded Tax (VAT)		5%	of F & G	0.00	0.00
J.		ndirect Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
L.	UNIT C	OST					0.00
ь.	JIVII C	0.01					0.00

			DETAILED C	ОСТ ЕСТІ	MATEC		
Dno	iost	. Emongonar Doho				intananaa	
Pro	ation		bilitation of DFA OCA-ASEANA's Sewage Treatment Plant (S Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Par.			штепансе	
LOC	ation		T COST DERIVATION	anaque, 1714 Me	по манна		
		0111	T COST BERTATION	4	Date :		
Itox	n of Wo	ulr.	I, GENERAL REQUIREMENTS	4		0.00	
	n No.	I.10	Construction Safety and Health DPWH DO 39(PPE Safety	4	Total Cost :	0.00	
ittei	11 140.	1.10	Personnel, Disinfection)		Assumed Qty :	1 Lot	
Wo	rk Desci	ription :	Construction Safety and Health DPWH DO 39(PPE Safety I	Personnel, Disinf	ection)		
		DESCR	IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATE	RIAL COST					
		Construction Saf Disinfection)	ety and Health DPWH DO 39(PPE Safety Personnel,	1	Lot		0
A			Sub-Total for A				
• B.	LABOR			No. of Person	No. of Hours	P Hourly Rate	Amount
Б.	Forema			No. of Person	No. of Hours	Hourly Rate	0.00
	Skilled						0.00
	Labore						0.00
H			Sub-Total for B				0.00
C.	EQUIP	MENT	Sub Total for B	Quantity	No. of Hours	Hourly Rate	Amount
- C.	LQUII			Quantity	No. or flours	Hourly Rate	Amount
			Sub-Total for C				0
D.	Total ((B+C)	Sub-10tarior C				0.00
E.		t per Hour					0.00
F.	_	ATED DIRECT COS	ST (D+A)			P	0.00
G.		t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
Н.						0	
I.	I. Value Added Tax (VAT)			5%	of F & G	0.00	0.00
J.	Total I	ndirect Cost (G+I)		1			0.00
K.	TOTAL	L COST (F+J)					0.00
L.	UNIT (COST					0.00

Pro	ect	: Emergency Rehal	DETAILED C collitation of DFA OCA-ASEANA's Sewage Treatment Plant (S			intenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Para	ıñaque, 1714 Met	tro Manila		
		UNI	COST DERIVATION				
					Date :		
Iten	n of Wor	'k :	II. Supply the materials, manpower and equipment for proper execution of the following works:		Total Cost :	0.00	
Iten	ı No.	II.1	Civil Works		Assumed Qty:	1 Lot	
Wo	k Descr	iption :	Civil Works				
			IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		CIVIL WORKS		1	Lot		0
	These include demolition and restoration works as needed in the rehabilitation of STP. This shall also include all the necessary form works and steelworks and concrete works, waterproofing of STP tanks and earthworks.						
		Note: The Contra materials needed	ctor shall breakdown here the list of works and for civil works.				
A	Sub-Total for A					P	0
в.	LABOR			No. of Person	No. of Hours	Hourly Rate	Amount
_	Forema			1101 011 010011	11010110110	mounty nate	0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
<u>.</u>	-			Quantity	110101110410	multip nate	0
			Sub-Total for C				0
D.	Total (B+C)	Sub-Total for C				0.00
E.	_	per Hour					0.00
F.	_	ATED DIRECT COS	I T (D+A)			P	0.00
G.	Indirec	t Cost / Mark-up				P	0.00
	G. Indirect Cost / Mark-up Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
					0		
Contractor's Profit, H. Sub-Total			8%	of EDC	0		
n. Sub-10tal					, and the second		
I. Value Added Tax (VAT)			5%	of F & G	0.00	0.00	
		ndirect Cost (G+I)		370	0.11 0.0	0.00	0.00
		COST (F+J)					0.00
		. ,,					
L.	UNIT C	OST					0.00

	ject		DETAILED (silitation of DFA OCA-ASEANA's Sewage Treatment Plant (S	TP) with One-Yea	r Operation and Ma	intenance	
Loc	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Par	añaque, 1714 Met	tro Manila		
		UNIT	COST DERIVATION	4 ,	D.		1
			The state of the s	4	Date :		
Iten	n of Wor	'k :	II. Supply the materials, manpower and equipment for proper execution of the following works:		Total Cost :	0.00	
Iten	n No.	II.2	Mechanical Works		Assumed Qty :	1 Lot	
Wo	rk Descr	iption :	Mechanical Works				
		DESCRI	PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Mechanical Work	s	1	Lot		0
	1. Air Rotary Blower (N+1)						
		2. Coarse Bubble D	iffuser				
		3. Static Airlift Pum	np (N+1)				
		4. Chlorinator					
		5. non-clog submer	rsible pump				
	Note: The Contractor shall breakdown here the list of works and materials needed for mechanical works.						
				1			
A	Sub-Total for A					P	0
B.	LABOR			No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	ın					0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				0
D.	Total (0.00
		per Hour					0.00
F.		ATED DIRECT COS	T (D+A)			P	0.00
G.		t Cost / Mark-up				P	0.00
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
Contractor's Profit,			8%	of EDC	0		
H. Sub-Total					0		
I.		dded Tax (VAT)		5%	of F & G	0.00	0.00
_		rdirect Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
	HIMIT C	ОСТ					0.00
L.	. UNIT COST						0.00

			DETAILED C	OST ESTI	MATES		
Proj	ect	: Emergency Rehab	oilitation of DFA OCA-ASEANA's Sewage Treatment Plant (ST	TP) with One-Yea	r Operation and Ma	intenance	
Loca	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Para	ñaque, 1714 Me	tro Manila		
		UNIT	COST DERIVATION				
					Date :		
Iten	n of Wor	rk:	II. Supply the materials, manpower and equipment for proper execution of the following works:		Total Cost :	0.00	
Iten	ı No.	II.3	Electrical and Instrumentation Works		Assumed Qty :	1 Lot	
Woi	k Descr	ription :	Electrical and Instrumentation Works				
		DESCRI	PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Electrical and Ins	trumentation Works	1	Lot		0
	These include works on the electrical control system such as electrical cabling and wiring, conduiting works, Motor Control Center, Programmable Logic Controller or PLC, liquid level control, and Enclosed Circuit Breaker (ECB).						
			ctor shall breakdown here the list of works and for electrical and instrumentation works.				
A .							
A			Sub-Total for A			P	(
B.	LABOR	<u> </u>		No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	n					0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIP	MENT		Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				C
D.	Total (B+C)					0.00
E.	Output	per Hour					0.00
F.	ESTIM	ATED DIRECT COST	Γ (D+A)			P	0.00
G.	G. Indirect Cost / Mark-up				P	0.00	
	Overhead, Contingency & Misc. (OCM),			6%	of EDC	0	
	Contractor's Profit,			8%	of EDC	0	
H.			Sub-Total			0	
I.	Value A	dded Tax (VAT)		5%	of F & G	0.00	0.00
J.	Total Ir	ndirect Cost (G+I)					0.00
K.	TOTAL	COST (F+J)					0.00
L.	UNIT C	OST					0.00

			DETAILED (
	ject		bilitation of DFA OCA-ASEANA's Sewage Treatment Plant (S			ntenance	
Loca	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Par T COST DERIVATION	anaque, 1714 Mei	tro Manila		
		0111	1 GOST BEINGVITTON	1	Date :		
T4	C \ A \	a	II. Supply the materials, manpower and equipment for	1		0.00	
	n of Wo		proper execution of the following works:	4	Total Cost :	0.00	
_	n No.	II.4	Sanitary Works		Assumed Qty:	1 Lot	
Woı	rk Desci	ription :	Sanitary Works				
		DESCR	IPTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATE	MATERIAL COST		UIII	Quantity	Unit Cost	Amount
		Sanitary Works		1	Lot		0
	Under this component, include the supply and installation of pipes, fittings, valves, pipe hanger and supports and appurtenances required for the workable piping system of the sewage treatment plant.			ПОС		·	
		Note: The Contractor shall breakdown here the list of works and materials needed for sanitary works.					
A		Sub-Total for A				P	C
B.	LABOR	l		No. of Person	No. of Hours	Hourly Rate	Amount
	Forema	ın					0.00
	Skilled						0.00
	Labore	r					0.00
	FOLUE	Sub-Total for B		0 11	N 637	77 1 70	0.00
C.	EQUIP	EQUIPMENT		Quantity	No. of Hours	Hourly Rate	Amount
			Sub-Total for C				0
D.	Total (B+C)	Sub-10tarior C				0.00
		per Hour					0.00
F.	ESTIMATED DIRECT COST (D+A)					P	0.00
G.	Indirect Cost / Mark-up					P	0.00
	Overhe	Overhead, Contingency & Misc. (OCM),			of EDC	0	
	Contra	Contractor's Profit,			of EDC	0	
H.	Sub-Total					0	
I.	Value A	ddad Tay (UAT)		F-0.	en e e		
		Added Tax (VAT)		5%	of F & G	0.00	0.00
	Total Indirect Cost (G+1) TOTAL COST (F+1)						0.00
							0.00
L. UNIT COST							0.00

Project : Emergency Rehabilitation of DFA OCA-ASEANA's Sewage Treatment Plant (STP) with One-Year Operation and Maintenance Location : Aseana Business Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Parañaque, 1714 Metro Manila UNIT COST DERIVATION Date:	
Location : Aseana Business Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Parañaque, 1714 Metro Manila UNIT COST DERIVATION	
UNIT COST DERIVATION	
II Supply the materials mannower and equipment for	
trem of work: proper execution of the following works: Total Cost: 0.00	
Item No. II.5 Start-up, Commissioning and Performance Testing Assumed Qty: 1 Lot	
Work Description : Start-up, Commissioning and Performance Testing	
DESCRIPTION / COMPUTATION Unit Quantity Unit Cost	Amount
A. MATERIAL COST	
Start-up, Commissioning and Performance Testing 1 Lot	0
This includes supervision of the initial Performance Testing and Monitoring of the STP. Equipment and facilities are tested and defects or malfunctions are noted and corrected to ensure efficient performance of the STP. Commissioning includes laboratory testing of effluent adn application and securing of discharge permit for the STP prior to turnover of the project.	
Note: The Contractor shall breakdown here the list of works and materials needed for sanitary works.	_
A Sub-Total for A	
, P	
B. LABOR No. of Person No. of Hours Hourly Rate Foreman	Amount 0.00
Skilled Skilled	0.00
Laborer	0.00
Sub-Total for B	0.00
C. EQUIPMENT Quantity No. of Hours Hourly Rate	Amount
tomay made	0
Sub-Total for C	0
D. Total (B+C)	0.00
E. Output per Hour	0.00
F. ESTIMATED DIRECT COST (D+A) P	0.00
G. Indirect Cost / Mark-up P	0.00
Overhead, Contingency & Misc. (OCM), 6% of EDC 0	
Contractor's Profit, 8% of EDC 0	
H. Sub-Total 0	
I III All Im (IAM)	
I. Value Added Tax (VAT) 5% of F & G 0.00	0.00
J. Total Indirect Cost (G+1) K. TOTAL COST (F+j)	0.00
I TOTAL COST (1'))	0.00
I. IINIT COST	0.00

Pro	iect	: Emergency Rehal	DETAILED (bilitation of DFA OCA-ASEANA's Sewage Treatment Plant (intenance	
	ation		Park, Bradco Avenue, corner Diosdado Macapagal Blvd, Pa	-	-		
			COST DERIVATION	T			
				7 '	Date :		
Iten	n of Wor	rk :	III. Operation and Maintenance	7	Total Cost :	0.00	
Iten	n No.	III	Operation and Maintenance	7 '	Assumed Qty:	1 Lot	
Wo	k Descr	ription :	Operation and Maintenance esting				
		DESCRI	PTION / COMPUTATION	Unit	Quantity	Unit Cost	Amount
A.	MATER	RIAL COST					
		Operation and M	aintenance				0
			Laboratory Analysis for Effluent under DAO-08-2016 and	12	Months		
	DAO-19-2021 para		of Chemicals such as but not limited to the following:	12	Months		
		*Chlorine Granules		12	MOHUIS		
		*Chlorine Test Kits		+			
		*pH Test Kits		+			
		*Cleaning Supplies		+			
			enance, inspection and Minor Repairs.	12	Mantha		
		c.i reventive Manie	enance, inspection and minor repairs.	12	Months		
				+			
				_			
A			Sub-Total for A			P	0
B.	LABOR	l		No. of Person	No. of Hours	Hourly Rate	Amount
	Forema						0.00
	Skilled						0.00
	Labore	r					0.00
			Sub-Total for B				0.00
C.	EQUIPMENT			Quantity	No. of Hours	Hourly Rate	Amount
							0
			Sub-Total for C				0
D.	Total (0.00
		Output per Hour					0.00
F.	ESTIMATED DIRECT COST (D+A)					P	0.00
G.		t Cost / Mark-up				P	0.00
		ad, Contingency & N	Aisc. (OCM),	6%	of EDC	0	
	Contrac	ctor's Profit,	0.1.5.1	8%	of EDC	0	
Н.			Sub-Total			0	
I.	Value A	Added Tax (VAT)		F0/	CE O C	2.22	
				5%	of F & G	0.00	0.00
	1 1						0.00
	TOTAL						0.00
L.	UNIT C	OST					0.00
							0.00