



Supplemental/Bid Bulletin No. 5
December 22, 2021

PUBLIC BIDDING No. 21-147-7

Advance Works Package 1 (AWP1): Demolition, Tree Cutting and Utility Relocation for CP102, CP103, CP104, CP105 and CP108

Issued pursuant to Sec. 22.5 of the IRR of R.A. 9184 to clarify and/or amend certain provisions in the Bidding Documents issued for this project:

AMENDMENTS/INCLUSIONS

REFERENCE	BASIS FOR AMENDMENT/ INCLUSIONS
SECTION VIII. BILL OF QUANTITIES	
Please see attached Annex "A" for the updated Bill of Quantities. For the editable version, please refer to this link https://drive.google.com/drive/u/0/folders/1eu0VjqrM5PdeDYMimtm1uIHR-q2xJmee	Notice is hereby issued as requested by the End-User.

By Rules, all other related provisions in the Bidding Documents correspondingly affected by these amendments are likewise deemed amended to conform to this Bid Bulletin.

Amendments made herein shall be considered an integral part of the Bidding Documents.

SIGNATURE REDACTED

ULYSSES E. MORA
Chairperson, Bids and Awards Committee VII

For the purpose of this Bulletin and for better understanding of its contents, the following rules shall apply: (a) Double Strike out – denotes deletion; (b) Underline – denotes inclusion or new item/requirement; and "xxx" – denotes separation of phrase/s being amended from the rest of the main text.



**DEPARTMENT OF TRANSPORTATION
METRO MANILA SUBWAY PROJECT PHASE 1**

**ADVANCE WORKS PACKAGE 1 (AWP1):
DEMOLITION, TREE CUTTING AND UTILITY RELOCATION FOR CP102, CP103, CP104, CP105 and CP108**

PAY ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST
PART A	PRELIMINARIES AND GENERAL REQUIREMENTS				
A	Provision of Field Office for the Engineers				
A.1.1(3)	Provision of Field Office Space for the Engineer Rental basis		Months		
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment, & Appliances for the Field Office for the Engineer		Is		
A.1.1(16)	Operation and Maintenance of Field Office for the Engineers		Months		
A.1.2(1)-A	Service Vehicle for the Engineer on Bare Rental Basis, 12 Seater		Months		
A.1.2(1)-B	Service Vehicle for the Engineer on Bare Rental Basis, 7 Seater		Months		
A.1.2(5)-A	Operation and Maintenance of Service Vehicle for the Engineer (Rental Basis), 12 Seater		Months		
A.1.2(1)-B	Operation and Maintenance of Service Vehicle for the Engineer (Rental Basis), 7 Seater		Months		
A.1.4(1)	Provision of Progress Photographs		ea		
B	Other General Requirements				
B.1	Temporary Field Office		Is		
B.3	Permits and Clearances		Is		
B.5	Project Billboards / Signboards		Is		
B.7 (2)	Occupational Safety and Health Programs		Is		
B.8 (2)	Traffic Management During Construction		Is		
B.14	Environmental Management and Monitoring		Months		
B.26	Removal and Disposal of Septic and Other Hazardous Wastes		Is		
	SUB-TOTAL PART A				
PART B	DETAILED DESIGN				
B.1	Drainage and Relocation of CP102 to CP104 & CP108		Is		
B.2	Utilities Relocation for CP105 (Waterline, Sewerline, Gas Line, Drainage Line)		Is		
	SUB-TOTAL PART B				
PART C	SURVEY				
C.1	CP 102				
C.1.1	Quezon Avenue Station				
C.1.b	Utilities Survey		Is		
C.1.2	East Avenue Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
C.1.b	Utilities Survey		Is		
C.2	CP 103				
C.2.1	Anonas Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
C.1.b	Utilities Survey		Is		
C.2.2	Camp Aguinaldo Station				
C.1.b	Utilities Survey		Is		
C.3	CP 104				
C.3.1	Ortigas Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
C.1.b	Utilities Survey		Is		
C.3.2	Shaw Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
C.1.b	Utilities Survey		Is		
C.4	CP 105				
C.4.1	Kalayaan Station				
C.1.b	Utilities Survey		Is		
C.4.2	BGC Station				
C.1.b	Utilities Survey		Is		
C.5	CP 108				
C.5.1	Lawton Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
C.1.b	Utilities Survey		Is		
C.5.2	Senate Station				
C.1.a	Dilapidation Survey (Pre Construction and Post Construction Survey)		Is		
	SUB-TOTAL PART B				
PART C	STRUCTURE DEMOLITION				
C.1	CP 102				
C.1.1	Quezon Avenue Station				
C.1.1.1	Structures		sq,m		
C.1.1.2	Removal of Billboards (2 sets)		lot		
C.1.1.3	East Avenue Station		sq,m		
C.2	CP 103				
C.2.1	Anonas Station				
C.2.1.1	Structures		sq,m		

C.2.1.2	Removal of LPG and Diesel Fuel Tanks Containment Wall		lot	
C.2.1.3	Removal of Sump Pit		lot	
C.2.1.4	Removal of STP		lot	
	Relocation of WCMC Signage		lot	
311(1)a.4.1	Removal and Relocation of Access Road		lot	
C.3	CP 104			
C.3.1	Ortigas Station		sq.m	
C.3.2	Shaw Station		sq.m	
C.5	CP 108			
C.5.1	Lawton Station			
C.5.1.2	Demolition of Affected Amenity pool in NAMRIA		lot	
C.5.2	Senate Station		sq.m	
	SUB-TOTAL PART C			
PART D	TREE REMOVAL			
D.1	CP 102			
D.1.1	Quezon Avenue Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	
100(3)b	DBH 301mm to 500mm		ea	
100(4)a	DBH 501mm to 750mm		ea	
100(4)b	DBH 751mm up		ea	
	Earth Balling			
100(5)a	DBH 50mm to 150mm		ea	
100(5)b	DBH 151mm to 300mm		ea	
100(5)c	DBH 301mm to 500mm		ea	
100(5)d	DBH 501mm to 750mm		ea	
100(5)e	DBH 751mm up		ea	
D.1.2	East Avenue Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	
100(3)b	DBH 301mm to 500mm		ea	
100(4)a	DBH 501mm to 750mm		ea	
100(4)b	DBH 751mm up		ea	
	Earth Balling			
100(5)a	DBH 50mm to 150mm		ea	
100(5)b	DBH 151mm to 300mm		ea	
100(5)c	DBH 301mm to 500mm		ea	
100(5)d	DBH 501mm to 750mm		ea	
100(5)e	DBH 751mm up		ea	
D.2	CP 103			
D.2.1	Anonas Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	
100(3)b	DBH 301mm to 500mm		ea	
100(4)a	DBH 501mm to 750mm		ea	
100(4)b	DBH 751mm up		ea	
	Earth Balling			
100(5)a	DBH 50mm to 150mm		ea	
100(5)b	DBH 151mm to 300mm		ea	
100(5)c	DBH 301mm to 500mm		ea	
100(5)d	DBH 501mm to 750mm		ea	
100(5)e	DBH 751mm up		ea	
D.2.2	Camp Aguinaldo Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	
100(3)b	DBH 301mm to 500mm		ea	
100(4)a	DBH 501mm to 750mm		ea	
100(4)b	DBH 751mm up		ea	
	Earth Balling			
100(5)a	DBH 50mm to 150mm		ea	
100(5)b	DBH 151mm to 300mm		ea	
100(5)c	DBH 301mm to 500mm		ea	
100(5)d	DBH 501mm to 750mm		ea	
100(5)e	DBH 751mm up		ea	
D.3	CP 104			
D.3.1	Ortigas Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	
100(3)b	DBH 301mm to 500mm		ea	
100(4)a	DBH 501mm to 750mm		ea	
100(4)b	DBH 751mm up		ea	
	Earth Balling			
100(5)a	DBH 50mm to 150mm		ea	
100(5)b	DBH 151mm to 300mm		ea	
100(5)c	DBH 301mm to 500mm		ea	
100(5)d	DBH 501mm to 750mm		ea	
100(5)e	DBH 751mm up		ea	
D.3.2	Shaw Station			
	Tree Cutting			
100(3)a.1	DBH 50mm to 150mm		ea	
100(3)a.2	DBH 151mm to 300mm		ea	

100(3)b	DBH 301mm to 500mm		ea		
100(4)a	DBH 501mm to 750mm		ea		
100(4)b	DBH 751mm up		ea		
	Earth Balling				
100(5)a	DBH 50mm to 150mm		ea		
100(5)b	DBH 151mm to 300mm		ea		
100(5)c	DBH 301mm to 500mm		ea		
100(5)d	DBH 501mm to 750mm		ea		
100(5)e	DBH 751mm up		ea		
D.4	CP 105				
D.4.1	Kalayaan Station				
	Tree Cutting				
100(3)a.1	DBH 50mm to 150mm		ea		
100(3)a.2	DBH 151mm to 300mm		ea		
100(3)b	DBH 301mm to 500mm		ea		
100(4)a	DBH 501mm to 750mm		ea		
100(4)b	DBH 751mm up		ea		
	Earth Balling				
100(5)a	DBH 50mm to 150mm		ea		
100(5)b	DBH 151mm to 300mm		ea		
100(5)c	DBH 301mm to 500mm		ea		
100(5)d	DBH 501mm to 750mm		ea		
100(5)e	DBH 751mm up		ea		
D.4.2	BGC Station				
	Tree Cutting				
100(3)a.1	DBH 50mm to 150mm		ea		
100(3)a.2	DBH 151mm to 300mm		ea		
100(3)b	DBH 301mm to 500mm		ea		
100(4)a	DBH 501mm to 750mm		ea		
100(4)b	DBH 751mm up		ea		
	Earth Balling				
100(5)a	DBH 50mm to 150mm		ea		
100(5)b	DBH 151mm to 300mm		ea		
100(5)c	DBH 301mm to 500mm		ea		
100(5)d	DBH 501mm to 750mm		ea		
100(5)e	DBH 751mm up		ea		
D.5	CP 108				
D.5.1	Lawton Station				
	Tree Cutting				
100(3)a.1	DBH 50mm to 150mm		ea		
100(3)a.2	DBH 151mm to 300mm		ea		
100(3)b	DBH 301mm to 500mm		ea		
100(4)a	DBH 501mm to 750mm		ea		
100(4)b	DBH 751mm up		ea		
	Earth Balling				
100(5)a	DBH 50mm to 150mm		ea		
100(5)b	DBH 151mm to 300mm		ea		
100(5)c	DBH 301mm to 500mm		ea		
100(5)d	DBH 501mm to 750mm		ea		
100(5)e	DBH 751mm up		ea		
D.5.2	Senate Station				
	Tree Cutting				
100(3)a.1	DBH 50mm to 150mm		ea		
100(3)a.2	DBH 151mm to 300mm		ea		
100(3)b	DBH 301mm to 500mm		ea		
100(4)a	DBH 501mm to 750mm		ea		
100(4)b	DBH 751mm up		ea		
	Earth Balling				
100(5)a	DBH 50mm to 150mm		ea		
100(5)b	DBH 151mm to 300mm		ea		
100(5)c	DBH 301mm to 500mm		ea		
100(5)d	DBH 501mm to 750mm		ea		
100(5)e	DBH 751mm up		ea		
	SUB-TOTAL PART D				
PART E	UTILITY DIVERSION (DRAINAGE ONLY)				
E.1	CP 102				
E.1.1	Quezon Avenue Station				
E.1.1.1	STORM DRAINAGE				
E.1.1.1.a	Drainage Line Diversion				
101(3)a.2	Removal of road pavement		sq.m		
103(6)	Excavation		cu.m		
103(3)	Backfill		cu.m		
500(1)c	Installation of MMDA Storm Drainage, RCP (910 mm dia)		lm		
500(1)a	Installation of Vertis North Drainage, RCP(610 mm dia)		lm		
500(1)d	Installation of Vertis North Drainage, RCP(1050 mm dia)		lm		
502(1)d	Installation of Vertis North Drainage Manhole		unit		
311(1)a.4.1	Installation of road pavement		sq.m		
311(1)a.4.1	Diversion Road		sq.m		
	Sub-total E.1.1				
E.1.2	East Avenue Station				
E.1.2.1	SEWER AND STORM DRAINAGE				
E.1.2.1.b	Sewer and Drainage line diversion				
101(3)a.2	Removal of road pavement		sq.m		
101(3)c	Removal of Sidewalk		sq.m		
101(4)b	Removal of Curb and Gutter		lm		

103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
500(1)a	Installation of QC LGU Storm Drainage, RCP (610 mm dia)		lm	
500(1)c	Installation of QC LGU Storm Drainage, RCP (910 mm dia)		lm	
502(1)a.1	Installation of QC LGU Drainage Manhole		unit	
502(1)f	Installation of Sewer Manhole		unit	
601(b)	Installation of Sidewalk		sq.m	
600(3)	Installation of Curb and Gutter		lm	
311(1)a.4.1	Installation of road pavement		sq.m	
500(1)g.1	Sewer line (MWC Used Waterline)		lm	
	Sub-total E.1.2			
	Sub-total E.1 (CP102)			
E.2	CP 103			
E.2.2	Camp Aguinaldo Station			
E.2.2.1	STORM DRAINAGE			
101(3)c	Sidewalk Removal		sq.m	
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
101(2)c	Removal of Camp Aguinaldo Storm Drainage Piping System		lm	
101(1)d.3	Removal of Camp Aguinaldo Storm Drainage Manhole		nos.	
502(1)a.1	Installation of drainage manhole		nos.	
	Sub-total E.2.2			
	Sub-total E.2 (CP103)			
E.3	CP 104			
E.3.1	Ortigas Station			
E.3.1.1	STORM DRAINAGE			
E.3.1.1.b	Drainage Line Diversion			
101(3)a.2	Pavement Removal		sq.m	
101(3)c	Sidewalk Removal		sq.m	
101(4)b	Curb & Gutter Removal		lm	
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
500(1)a	Installation of PASIG LGU Drainage system (24")RCP		lm	
502(1)a.1	Installation of drainage manhole		nos.	
311(1)a.4.1	Pavement restoration		sq.m	
601(b)	Sidewalk Restoration		cu.m	
600(3)	Curb & Gutter Restoration		lm	
	Sub-total E.3.1			
E.3.2	Shaw Station			
E.3.2.1	STORM DRAINAGE			
E.3.2.1.b	Drainage line Removal and Diversion			
101(3)a.2	Pavement Removal		sq.m	
101(3)c	Sidewalk Removal		sq.m	
101(4)b	Curb & Gutter Removal		lm	
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
101(2)b	Removal of MMDA Drainage Pipe (760 mm dia, RCP)		lm.	
101(2)a.1	Removal of MMDA Drainage Pipe (460 mm dia, RCP)		lm.	
101(2)a.1	Removal of MMDA Drainage Pipe (300 mm dia, RCP)		lm.	
101(1)d.3	Removal of Manhole (910mm dia RCP)		lm.	
101(1)d.1	Removal of Manhole (610mm dia RCP)		Nos.	
101(1)d.1.a	Removal of Manhole (460mm dia RCP)		Nos.	
101(1)d.1.a	Removal of Manhole (300mm dia RCP)		Nos.	
500(1)c	Installation of MMDA Drainage pipe (910 mm dia, RCP)		lm.	
7924.571882	Installation of Drainage pipe (910mm dia, HDPE)		lm.	
502(1)c.1	Installation of Drainage Manhole (910 mm dia,RCP)		Nos.	
311(1)a.4.1	Pavement Restoration		sq.m	
601(b)	Sidewalk restoration		sq.m	
600(3)	Curb & Gutter Restoration		lm.	
	Sub-total E.3.2			
	Sub-total E.3 (CP104)			
E.4	CP 105			
E.4.1	Kalayaan Station			
E.4.1.1	WATER, GAS, SEWER AND STORM DRAINAGE			
101(3)c	Removal of Sidewalk		sq.m	
101(3)a.2	Removal of Road Pavement		sq.m	
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
101(2)a	Removal of Drainage line (610 mm dia. RCP)		lm	
101(1)d.1	Removal of Manhole (610 mm dia)		nos.	
101(2)c	Removal of Drainage line (910 mm dia. RCP)		lm	
101(1)d.3	Removal of Manhole (910 mm dia)		nos.	
101(2)g.6	Removal of Gasline		lm	
101(2)g.2	Removal of Waterline		lm	
500(1)g.1	Installation of BGC Sewer line (PVC 300 mmø)		lm.	
502(1)f	Installation of BGC Sewer line manhole		nos.	
500(1)g.2	Installation of BGC Uptown Drainage line (RCP 610 mmø)		lm.	
502(1)a.2	Installation of BGC Uptown Drainage Manhole with steel cover (610 mmø)		nos.	
500(1)c	Installation of BGC Uptown Drainage line (RCP 910 mmø)		lm	
502(1)c.2	Installation of BGC Uptown Drainage Manhole with steel cover (910 mmø)		nos.	
500(1)g.4	Installation of Steel Pipe (600mm dia)		lm	
500(1)g.6	Installation Waterline		lm	
500(1)g.7	Installation of Gasline		lm	
502(1)c.3	Installation of Manhole (Gasline)		nos.	

601(b)	Sidewalk Restoration		sq.m	
311(1)a.4.1	Pavement Restoration		sq.m	
	Sub-total E.4.1			
	E.4.2 BGC Station			
E.4.2.1	WATER, GAS, SEWER AND STORM DRAINAGE			
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
101(3)c	Removal of Sidewalk		sq.m	
101(4)b	Removal of Curb and Gutter		lm	
101(3)a.2	Removal of Road Pavement		sq.m	
101(2)c	Removal of Drainage line (910mm dia)		lm	
101(1)d.3	Removal of Drainage Manhole (910mm dia)		nos.	
101(2)g.6	Removal of Gasline		lm	
500(1)g.4	Installation of BGC Sewer line (300 mm dia, PVC)		lm	
502(1)f	Installation of BGC Sewer line manhole		no.	
500(1)c	Installation of BGC Uptown drainage line (910 mm dia, RCP)		lm	
502(1)c.2	Installation of BGC Uptown drainage manhole with steel cover (910 mmø)		nos.	
500(1)g.5	Installation of Steel Pipe (900mm dia)		lm	
500(1)g.6	Installation of Waterline		lm	
500(1)g.7	Installation of Gasline		lm	
502(1)c.3	Installation of Manhole (Gasline)		nos.	
601(b)	Sidewalk Restoration		sq.m	
600(3)	Curb and Gutter Restoration		lm	
311(1)a.4.1	Pavement Restoration		sq.m	
	Sub-total E.4.2			
	Sub-total E.4 (CP105)			
E.5	CP 108			
E.5.1	Lawton Station			
E.5.1.1	SEWER AND STORM DRAINAGE			
E.5.1.1.c	MKW Sewer and Drainage Diversion			
101(3)a.2	Removal of PCCP		sq.m	
101(3)c	Removal of Sidewalk		sq.m	
101(4)b	Removal of Curb and Gutter		lm	
103(6)	Excavation		cu.m	
103(3)	Backfill		cu.m	
500(1)g.5	Installation of PVC Pipe ,150 mm dia		lm	
502(1)f	Installation of Sewer Manhole		nos	
500(1)e	Installation of Drainage Line (1200mm dia, RCP)		lm	
502(1)e	Installation of Drainage manhole (1200mm RCP)		nos	
311(1)a.4.1	Pavement Restoration		sq.m	
601(b)	Installation of Sidewalk		lm	
600(3)	Installation of Curb and Gutter		lm	
	Sub-total E.5.1			
	Sub-total E.5 (CP108)			
	SUB-TOTAL PART E			
PART F	CONSTRUCTION FENCE			
G.1	CP 102			
G.1.1	Quezon Avenue Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
G.1.2	East Avenue Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
	Sub-total G.1 (CP102)			
G.2	CP 103			
G.2.1	Anonas Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
	Sub-total G.2 (CP103)			
G.3	CP 104			
G.3.1	Ortigas Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
G.3.2	Shaw Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
	Sub-total G.3 (CP104)			
G.4	CP 108			
G.4.1	Lawton Station			
604(2)a	Installation of G.I Post/Support		ea	
604(2)	Installation of G.I. Fence and Frame		lm	
604(2)b	Removal of Construction Fence		lm	
G.4.2	Senate Station			
604(2)a	Installation of G.I Post/Support		ea	

604(2)	Installation of G.I. Fence and Frame		lm		
604(2)b	Removal of Construction Fence		lm		
	Sub-total G.4 (CP108)				
	SUB-TOTAL PART F				
PART H	PEDESTRIAN WALKWAY				
H.1	CP 102				
H.1.1	Quezon Avenue Station				
601(b).1	Installation of Temporary Pedestrian Walkway		sq,m		
601(b).2	Concrete Barrier		lm		
H.1.2	East Avenue Station				
601(b).1	Installation of Temporary Pedestrian Walkway		sq,m		
	Sub-total H.1 (CP102)				
H.2	CP 103				
H.2.1	Anonas Station				
601(b).1	Installation of Temporary Pedestrian Walkway		sq,m		
	Sub-total H.2 (CP103)				
H.3	CP 104				
H.3.1	Ortigas Station				
601(b).1	Installation of Temporary Pedestrian Walkway		sq,m		
H.3.2	Shaw Station				
601(b).1	Installation of Temporary Pedestrian Walkway		sq,m		
	Sub-total H.3 (CP104)				
	SUB-TOTAL PART H				
PART I	PROVISIONAL SUM				
I.1	Relocation of LBL Facilities at Anonas Station				
I.2.1	STP		lot		
I.1.2	LPG Tank Farm		lot		
I.1.3	Fuel Storage Room		lot		
I.1.4	Sump pit		lot		
I.1.5	MRF		lot		
I.1.6	Detailed Design		lot		
I.2	Relocation of Utilities (Electrical and Telecommunication) at Ortigas Station				
I.2.1.a	Service Pedestal (Electrical and Telecommunication)		lot		
I.2.1.b	Electrical Duct Bank		lot		
I.2.1.c	Electrical Manhole		lot		
I.2.1.d	Telecommunication Duct Bank		lot		
I.2.1.e	Telecommunication manhole		lot		
I.3	Relocation of Utilities (Electrical and Telecommunication) at CP105				
I.3.1	Kalayaan Station				
I.3.1.a	Service Pedestal (Electrical and Telecommunication)		lot		
I.3.1.b	Electrical Duct Bank		lot		
I.3.1.c	Electrical Manhole		lot		
I.3.1.d	Telecommunication Duct Bank		lot		
I.3.1.e	Telecommunication manhole		lot		
I.3.2	BGC Station				
I.3.2.a	Service Pedestal (Electrical and Telecommunication)		lot		
I.3.2.b	Electrical Duct Bank		lot		
I.3.2.c	Electrical Manhole		lot		
I.3.2.d	Telecommunication Duct Bank		lot		
I.3.2.e	Telecommunication manhole		lot		
I.4	Replication of DMFB-EPD Outpost at Ortigas Station				
I.4.1	Replication of DMFB-EPD Outpost at Ortigas Station		lot		
I.4.2	Detailed Design		lot		
I.5	ROWA ASSISTANCE		lot		
I.6	Others				
I.6.1	Detailed Design & Construction of Access Ramp for WCP at Kalayaan Station		lot		
I.6.2	Contingency for Utility Diversion		lot		
	SUB-TOTAL PART H				
	GRAND TOTAL COST				