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Project For Change



DETAILED ARCHITECTURAL AND ENGINEERING DESIGN REPLICATION OF THE PHILIPPINE NAVY FACILITIES

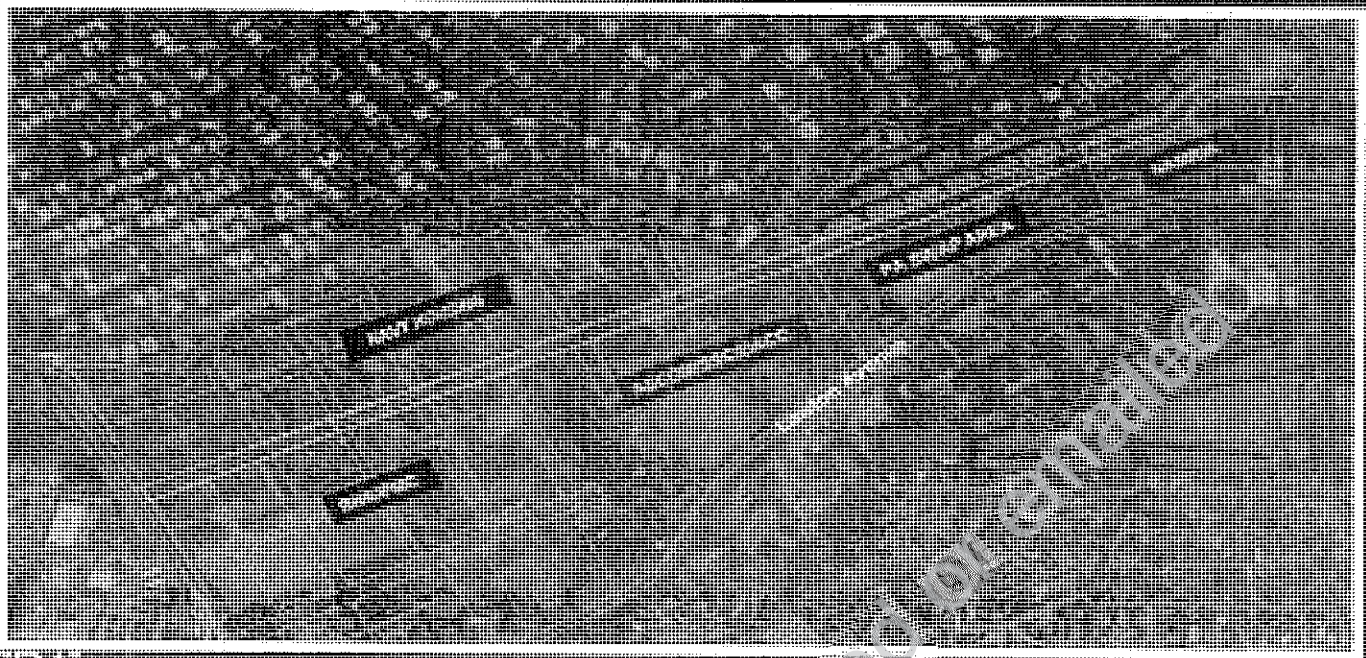
Pre-Bid Conference
on 07 February 2019

Eligible and Shortlisted Bidders

Bidders who passed the required minimum score of 70%

- a. AIDEA, Inc. & WSP
- b. ESCA, Inc. & GF Partners Architects
- c. Enrique O. Olanan & Associates and Filipinas Dravo Corporation

LOCATION OF THE PROPERTY



BCDA

Relocation Sites

BCDA

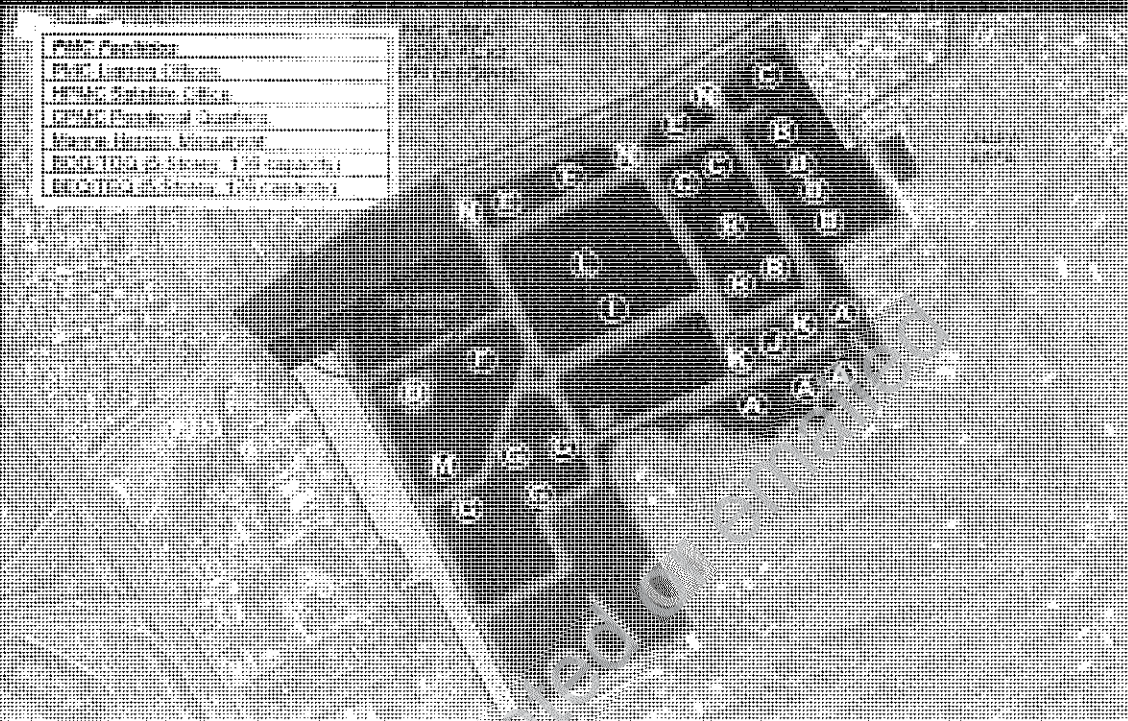
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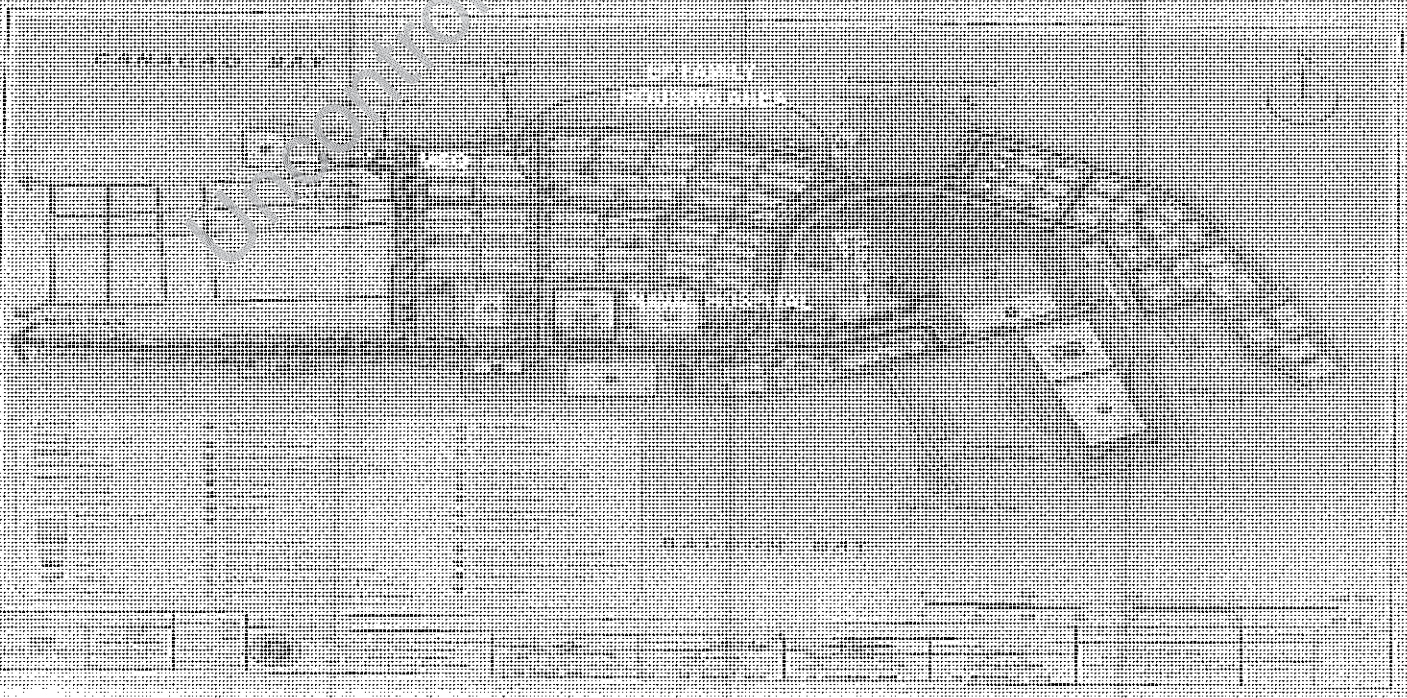
BNS LOT 1

- A - MOD BUILDING
- B - MOD BUILDING
- C - BASE ADMIN, MOD &
- FOOD
- D - CHURCH, MULTI-FAITH
- E - MORTUARY
- F - COMMERCIAL FACILITIES
- G - MEDICAL FACILITIES
- H - MED
- I - BED & TBQ
- J - OFFICE BUILDING
- K - FORCE'S OFFICIAL RES.
- L - POSITIONAL
- QUARTERS
- M - RECREATIONAL AREA
- N - GYM
- O - GATE

NAME	Function
1	PLC (Logistics Office)
2	PLC (Supply Office)
3	PLC (Medical Services)
4	PLC (Human Resources)
5	PLC (Base Admin - 1st Company)
6	PLC (Base Admin - 2nd Company)



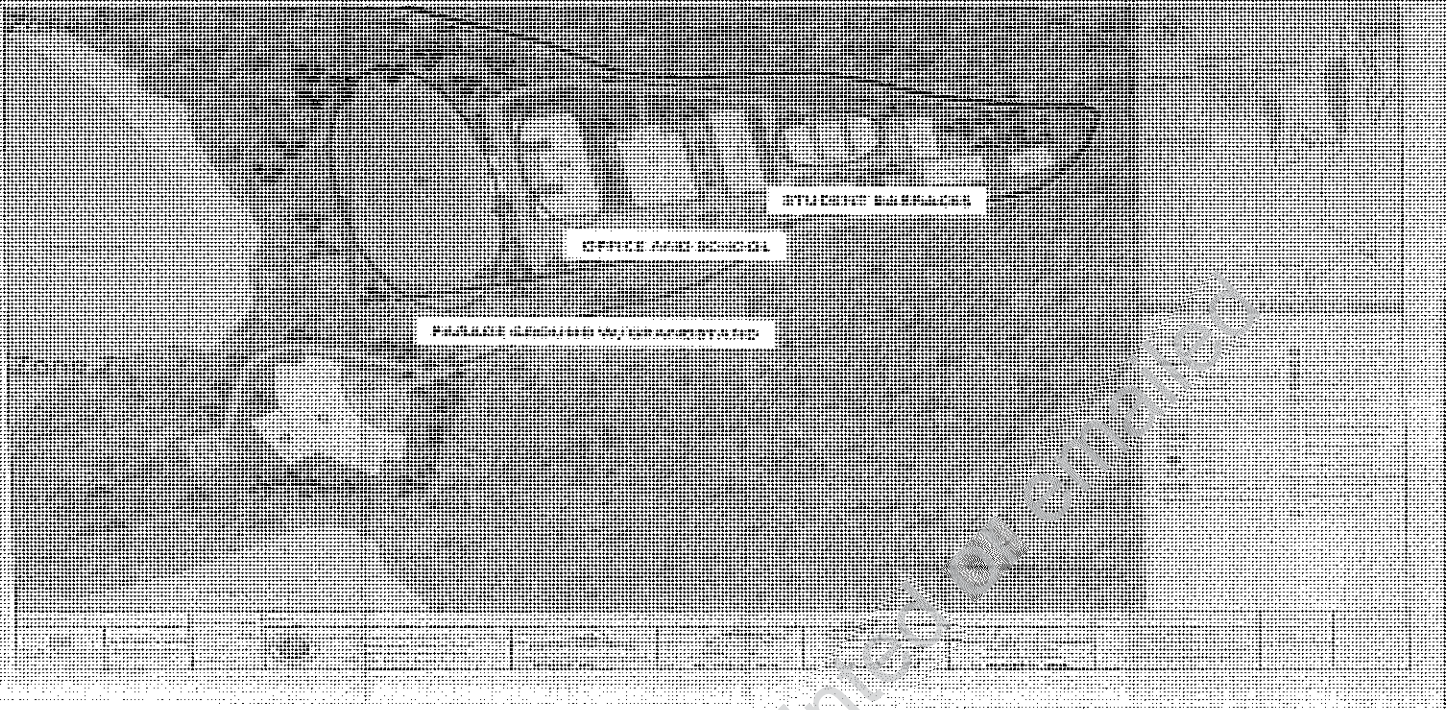
FORT SAN FELIPE - CAVITE



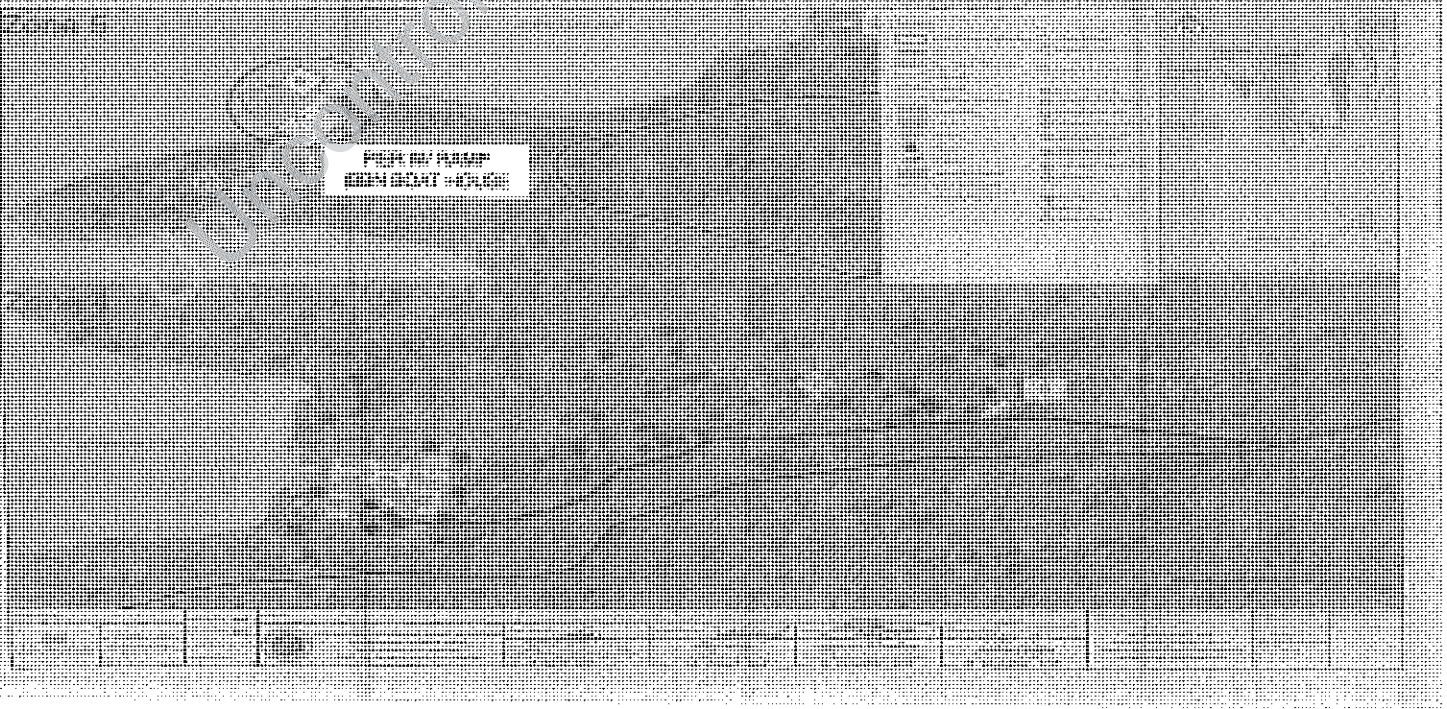
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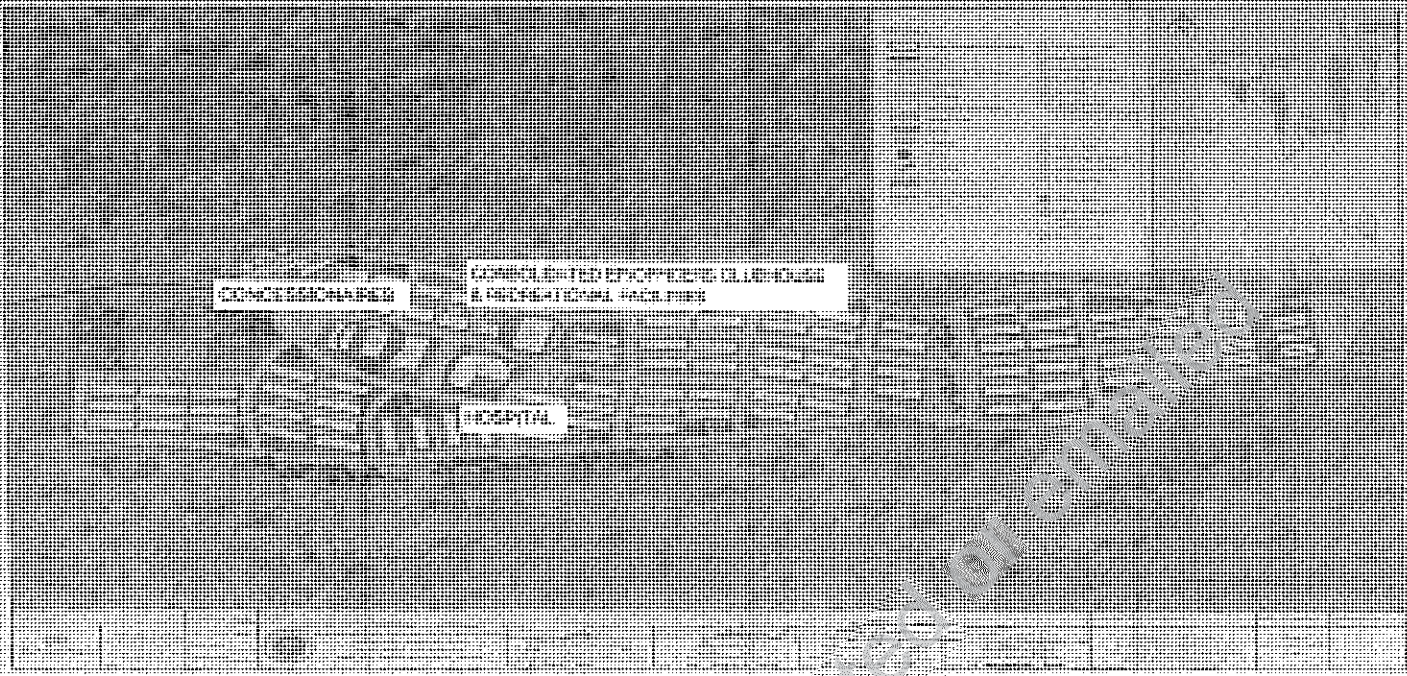
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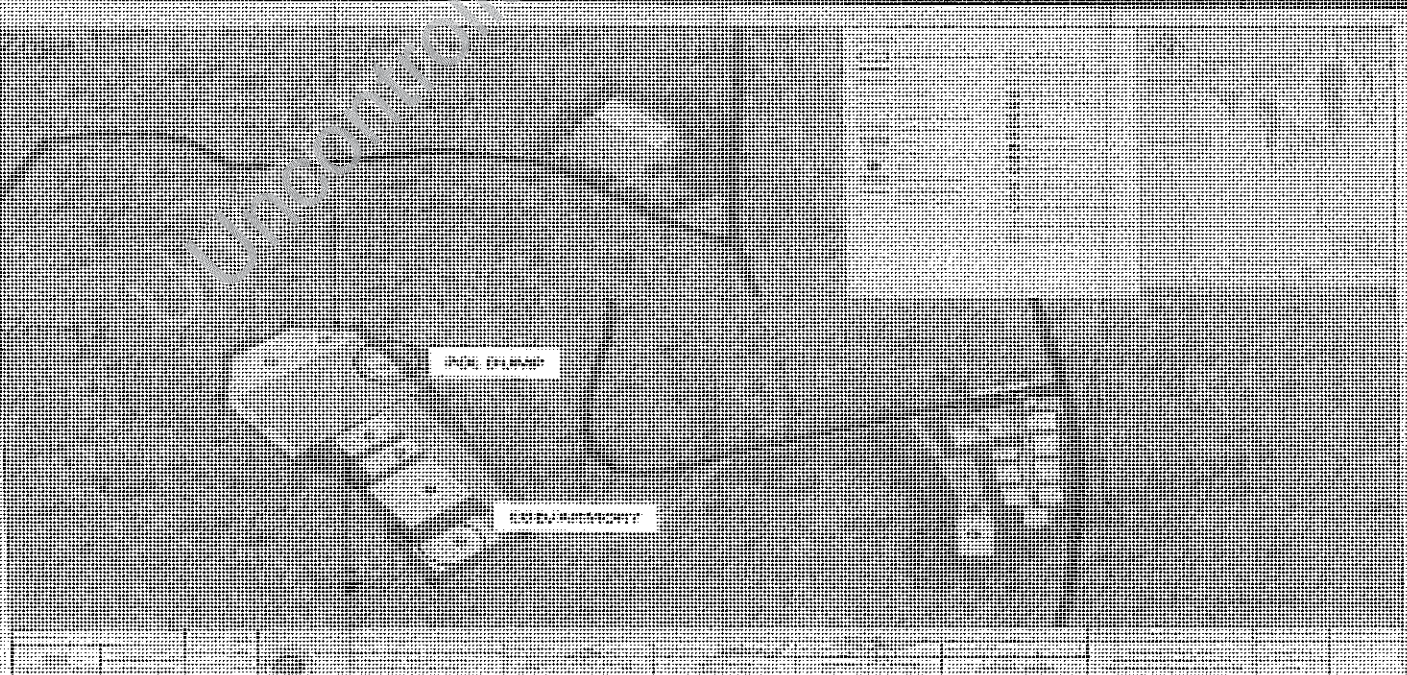
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TERNATE – CAVITE



TERNATE – CAVITE



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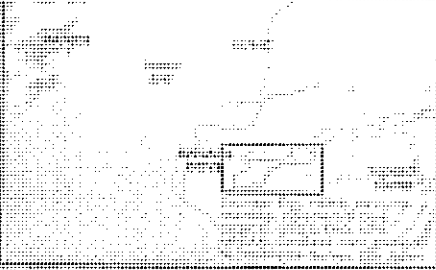
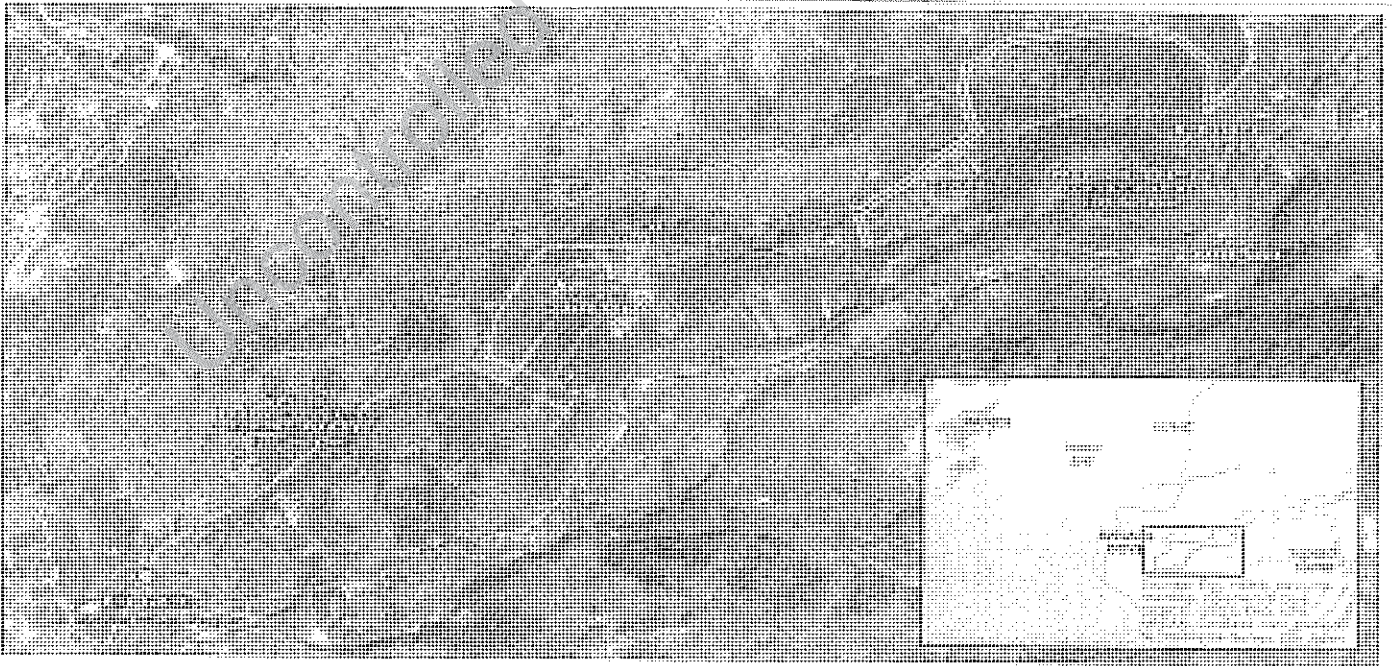
SAN ANTONIO - ZAMBALES

M. NO. LEONARDO GANTODIN, SAN ANTONIO, ZAMBALES

1	Truck Parking Bay
2	MTDMM Barracks
3	DMC Barracks
4	AMV Parking Bay

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Notes
 1. The proposed location is shown in red.
 2. The proposed location is shown in red.
 3. The proposed location is shown in red.

**PROPOSED LOCATION FOR PHILIPPINE MARINES
 BATAAN TECHNOLOGY PARK, MORONG, BATAAN**

BCDA
 Bataan Corporation and
 Development Authority

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PROJECT DESCRIPTION

1. Site Development Plan of the relocation sites;
2. Detailed Architectural and Engineering Design;
3. Cost estimates, unit price analyses and technical specifications; and
4. Tender documents required for the bidding of Contractor

TERMS OF REFERENCE

Project Duration	Nine (9) Months
Approved Budget for the Contract	Php58,452,800.00, inclusive of all applicable taxes and fees
Mode of Payment	10% - Inception Report 10% - Conceptual Design 40% - Draft Detailed Design 30% - Approved Detailed Design 10% - Certificate of Completion
Evaluation Procedure	Quality-Cost Based Evaluation Technical Proposal – 75% Financial Proposal - 25%

DETERMINATION OF THE HIGHEST RATED BID

The shortlisted bidders shall be subjected to evaluation to determine the bidder with HRB, wherein the criteria and rating are as follows:

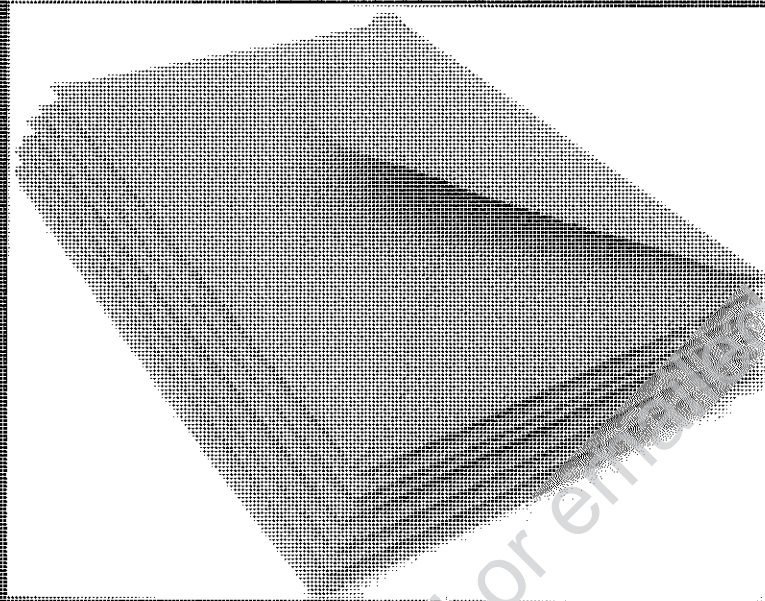
Criteria	Rating
1. Relevant Experience of the CONSULTANT	30%
2. Qualification of the Key Personnel to be assigned to the Project	30%
3. Plan of Approach and Methodology	40%
Total	100%

To be declared as HRB, the bidder shall pass the required minimum technical score of seventy percent (70%). Failure of the CONSULTANT to meet the specified requirements would result to a zero (0) rating for the specific criterion.

QUALIFICATIONS OF THE CONSULTANT

- The Consultant (in case of a Joint Venture (JV), at least one of the JV partners) should be a reputable firm with at least ten (10) years of business operation in detailed architectural and engineering design; and
- The Consultant (in case of a JV, at least one of the JV partners) should have undertaken at least one (1) detailed architectural and engineering design contract equivalent to 50% of the ABC for the last ten (10) years (from November 2008 to November 2018).

ENVELOPE LABELING



**MAIN: ORIGINAL AND COPY:
TECHNICAL AND FINANCIAL PROPOSAL - BID**

BASES CONVERSION AND DEVELOPMENT AUTHORITY
BEDA Corporate Center
1/F Bonifacio Technology Center 31st St. cor. 2nd Ave.
Bonifacio Global City Taguig City

Bid for: _____ (Bid Title)

Submitted by: _____ (Name & Contact Details of the Bidder)

Attention: Engr. Joshua M. Bingrang
Chairman, Bids and Awards Committee-Consulting Services

DO NOT OPEN BEFORE: _____ (Time & Date of Opening of Bids)

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ORIGINAL TECHNICAL PROPOSAL
BASIS COMPETITION AND DEVELOPMENT AUTHORITY
BIDA Corporate Center
1F Bonifacio Technology Center 9705, cor. 27th Ave.
Bonifacio Global City Taguig City

Bid for: (Bid Title)

Submitted by:

Attention: Eng. Joseph M. Pangasinan
Chairman, Basis and Awards Administration and Bidding
Services

DO NOT OPEN BEFORE: Time of Opening of Bids

LABEL
ORIGINAL
TECHNICAL
PROPOSAL

COPY FINANCIAL PROPOSAL
BASIS COMPETITION AND DEVELOPMENT AUTHORITY
BIDA Corporate Center
1F Bonifacio Technology Center 9705, cor. 27th Ave.
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Bid for: (Bid Title)

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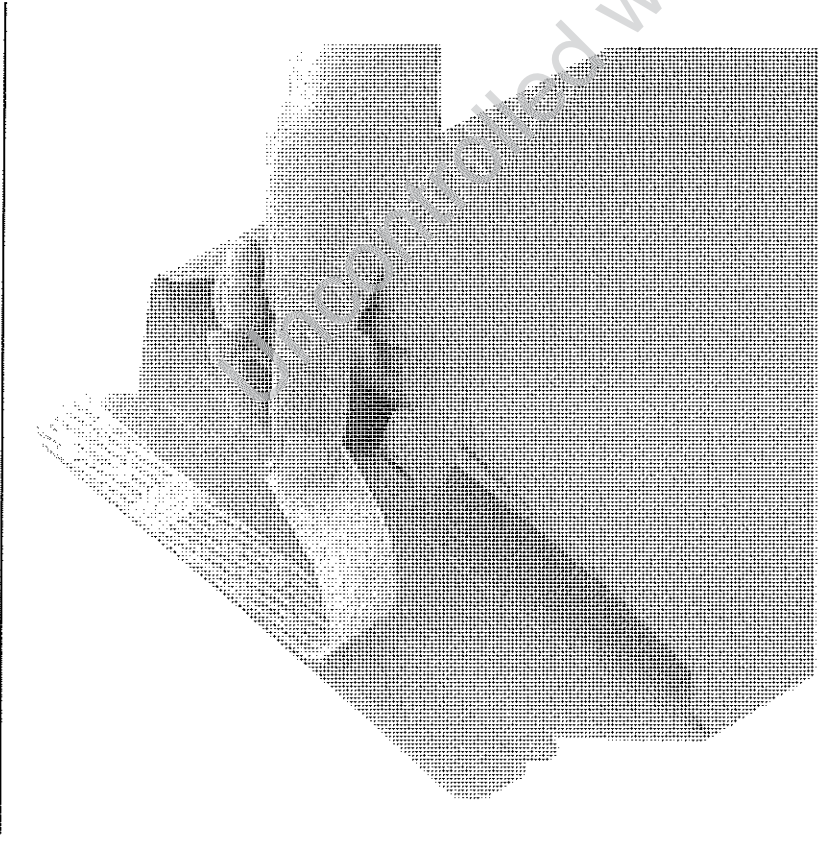
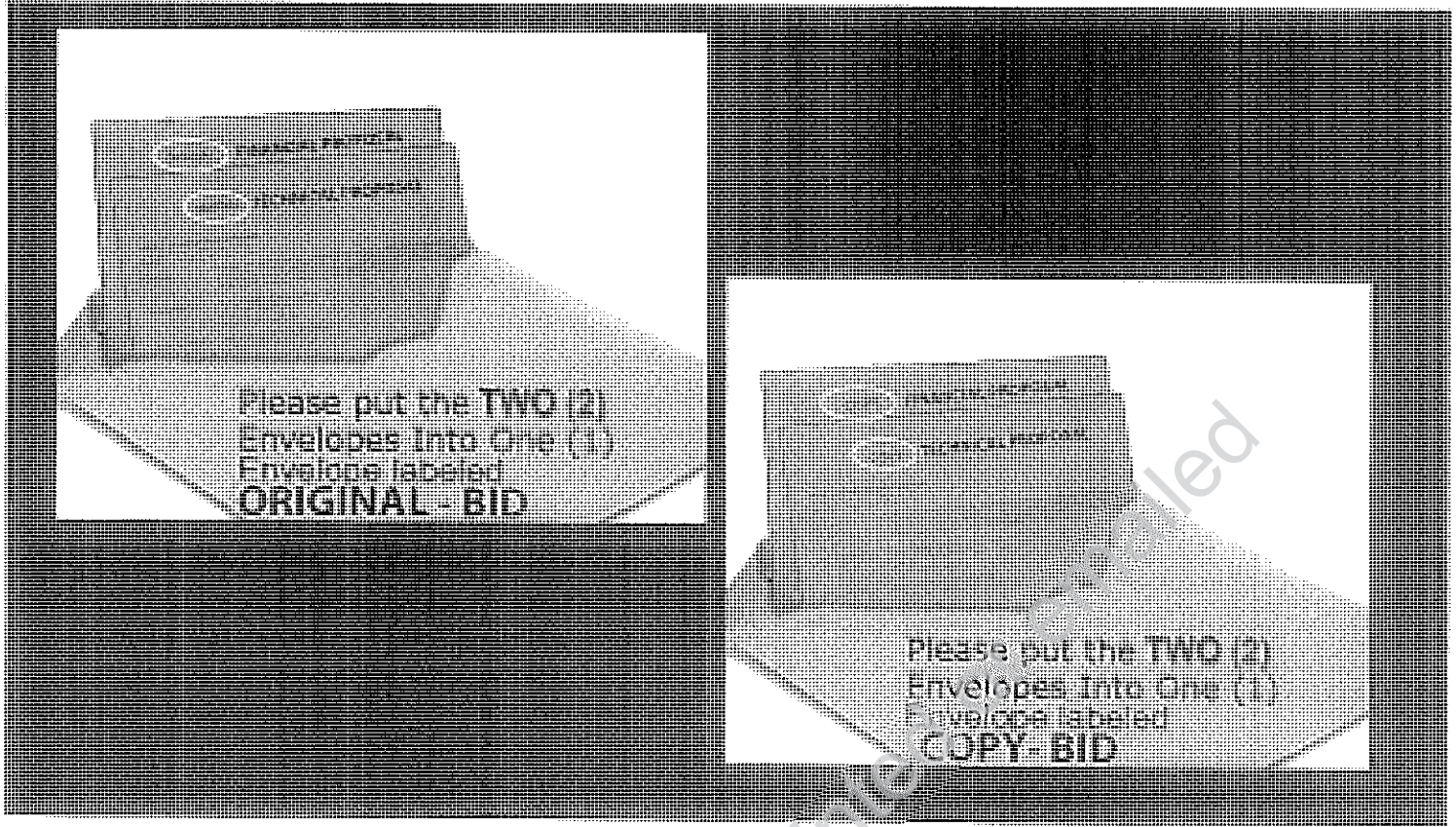
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Submitted by:

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Chairman, Basis and Awards Administration and Bidding
Services

DO NOT OPEN BEFORE: Time of Opening of Bids

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PROPOSAL



SUBMIT TO BCDA
PROPERLY "SEALED"

PROCUREMENT TIMELINE

Item No	Activities	Time	Date
1	Pre-Bid Conference	9:00 A.M.	07 February 2019
2	Submission of Technical and Financial Proposals	9:00 A.M.	19 February 2019
3	Opening of Technical Proposal	9:00 A.M.	19 February 2019
4	Presentation of Plan of Approach and Methodology	10:00 A.M.	19 February 2019
5	Opening of Financial Proposal	9:00 A.M.	04 March 2019
6	Issuance of Notice of Award		27 March 2019
7	Contract Signing and Posting of Performance Security		29 March 2019
8	Issuance of Notice to Proceed		01 April 2019

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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

BNS LOT 1

Nr	Facility/Building	Building Description	Capacity (Personnel)	Nr of Spaces/ Offices	Estimated Floor Area Req. (Sq.m)	Estimated Land Use (Sq.m)
A. OPERATIONAL FACILITIES						
1	HPMC Satellite Offices w/ one (1) Conference Room	One (1) unit 10 storey bldg. Rear Administrative Office of HPMC, Radio Room/Operation Center Rifle BDES and HQDA Offices, CSSB and Unit Offices, FRG Office, PMF-S, Recruiting Office, Procurement Office, 7MDDa Res Office/ Supr. M: FPC and ASupt. MFDC	199	89	(1,000 X 10 Hrs) 10,000 w/ corresponding hallways w/out hall ways 952/HR derived frm 28/sq.m DOQ for 34 units/HR	(50 X 20) 1,000
2	Vehicle Maintenance Bay	1 storey structure to cater the Tactical Lift Veh and LAV	23	2	600	Covered by floor area of HPMC Sat Office
3	Multi-Storey Parking lot	One unit 3 storey structure with provisions for Light & Medium Lift Tactical Vehs/Guns of FABn/LAV of AABn	210 veh	3	3,432	3,432
4	Kennel House with Septic Tank and Grooming Area	one storey structure	41MWD 5	4	80	80
5	Entrance/Exit Gate with Guard House	1 Storey bldg. with CCTV Room for Security Monitoring	4	2	40	40
6	War Room	Bunker beneath satellite office bldg.	40	1	500	Covered by floor area of HPMC Sat Office
7	Helipad	Roof Top of TED	10	1	40	Covered by floor area of TED
8	Vehicle Inspection Area	Open space	--	1	30	30

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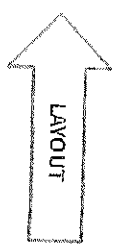
PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

BNS LOT 1						
No	Facility/Building	Building Description	Capacity (Personnel)	No. of Spaces/Offices	Estimated Floor/Area Req. (Sq.m)	Estimated Land Used (Sq.m)
B. SUPPORT FACILITIES						
1	FOL DUMP (2 Gas Pump for ADO/GAS)	1 storey bldg.	4	2	200	200
2	WAREHOUSE	one unit of 3 storey structure capable to store supplies of units abd BNS	assorted supplies	4		200 Embedded @ the multi parking area
3	TRANSIENT OFFICER QUARTER (TOQ)	one unit of 10 storey building with billeting provisions at upper floor for CP/MC, DCP/MC, Brigade Commanders, FMRF-5, MARSOB, Supd MFC, and Junior and Senior Officers (O-1 to O-6) (with provision for Female Officers)	100 OFFICERS AND 400 DEPENDENTS	100	(1,250 X 10 flrs) 12,500 w/ corresponding hallways w/out hall ways 1,200/flr derived from 120/sqm TOQ for 10 units/flr	1,250
4	TEQ and CEQ	one unit of 10 storey building with billeting space/provision for MSEC/ CSSB Units/MCFDC and other PMC units abd (with provision for Female EP and CE)	350	175	(1,000 X 10 flrs) 10,000 w/ corresponding hallways w/out hall ways 952/flr derived from 28/sqm BOD for 34 units/flr	(90 X 20) 1,800
5	Multi-Function Building (For RECEPTION, STAGING, ONWARD MOVEMENT AND INTEGRATION (RSOI))	4 storey bldg. with provisions of Comfort Rooms (Male/Female), Shower Rooms (Male/Female), Laundry Area	1 Battalion		1000	1000
6	CONSOLIDATED MESSHALL/GALLEY FACILITY	1 storey bldg. c	1 Battalion		600	Colocated inside the Multi-Function Bldg.
7	GENERATOR HOUSE	1 storey bldg. c		1	20	20




PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

BNS LOT 1						
Nr	Facility/Building	Building Description	Capacity (Personnel)	Nr of Spaces/Offices	Estimated Floor Area Req. (Sq.m)	Estimated Land Used (Sq.m)
G. BASE UTILITY FACILITIES						
1	BASE ROAD NETS				325.5	325.5
2	GUTTERS				173.6	173.6
3	SIDEWALKS				217.0	217.0
4	STREET LIGHTING SYSTEM				21.7	21.7
5	INTERNET/CABLE /TELEPHONE LINE				21.7	21.7
6	GARBAGE COLLECTION POINT				43.4	43.4
7	PARKING LOT FOR PRIVATE VEH				1019.9	1019.9
8	WATER SUPPLY SYSTEM	(ELEVATED TANK/ PUMP HOUSE/ PIPING SYSTEM/ CISTERN TANK)			325.5	325.5
D. COMMUNITY FACILITIES						
1	VISITOR'S LOUNGE/CAFE	1 storey bldg.	50	1	100	100
2	COVERED COURT	1 storey bldg. For indoor sports related activities and fitness gym	100	1	400	400
RECAPITULATION						
(Total Allocated Land Area for BNS Lot 1 is 10,000 Sq.m)						
Estimated Land Used		(in Square Meter)			7,830	
Land Area for Base Utilities (in Square Meter)					2,170	
Total Land Used		(in Square Meter)			10,000	



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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

No	Facility/Building	Building Description	MBGL TERMITE		Estimated Land Used (Sq.m)
			Capacity (Personnel)	Mr. of Spaces/ Offices	
A. OPERATIONAL FACILITIES					
1	AABN SATELLITE OFFICE		4	3	61.44
2	71MC DET AABN MAINTENANCE BAY			4	28
3	71MC DET AABN PARKING BAY			3	112
4	MTMBN PARKING BAY	With turn around vehicle	15	1	870
5	MTMBN MAINTENANCE BAY	With vehicle pits, tool room and truck wash area	4	1	105
6	IBBN BOAT HOUSE MAINTENANCE		6	1	500
7	IBBN SLIPWAY		N/A	1	300
8	IBBN MINI PIER		N/A	1	1000
9	IBBN SATELLITE OFFICE		6	2	65
10	FRG PARACHUTE STORAGE		120 Parachute	1	200
11	FRG DIVE POOL		60 Pers	1	1250
12	FRG CEIS STORAGE		800 Equipments	1	200
13	FRG OBSTACLE COURSE		200 Pers	1	5000
14	FRG SCUBA EQUIPMENT ROOM		80 Equipments	1	200
15	FRG MODULAR COB HOUSE		NA	4 ROOMS	280

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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

No	Facility/Building	Building Description	MIBGL TERNMATE			Estimated Floor Area Req. (Sq.m)	Estimated Land Used (Sq.m)
			Capacity (Personnel)	Nr. of Spaces/ Offices			
A. OPERATIONAL FACILITIES							
16	FRG BOAT HOUSE WITH SLIPWAY		16 CRRC	1			
17	FRG PARACHUTE RIGGING FACILITY		10 Parachute	1		364	
18	HMCFDC BUILDING			20		200	
19	MCFCDC SUPT OFFICE W/ BED ROOM & CR			1		150	3,674
20	MCFCDC ASUPT OFFICE W/ BED ROOM & CR			1		150	150
21	MCFCDC CONFERENCE ROOM			1		200	150
22	MCFCDC WARDROOM W/ COMMON HEAD M&F			1		200	200
23	MCFCDC LOUNGE			1		450	200
24	MCFCDC FD1 OFFICE			1		50	450
25	MCFCDC FD2 OFFICE			1		200	50
26	MCFCDC FD3 OFFICE W/ WARGAMING ROOM			1		100	200
27	MCFCDC FD4 OFFICE W/ STOCK ROOM			1		300	100
28	MCFCDC FD5 OFFICE			1		300	300
29	MCFCDC FD6 OFFICE			1		100	300
30	MCFCDC SGT MAJOR OFFICE			1		60	100
31	MCFCDC GANG WAY/SENTINNEL POST			1		40	60
32	MCFCDC HALL WAY			2		6	40
33	MCFCDC COMMON HEAD MALE	With Toilet and Bath Room	4	2	NA	100	100
						40	40

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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

Sl. No.	Facility/Building	Building Description	Capacity (Personnel)	No. of Spaces/ Offices	Estimated Floor Area Req. (Sqm)	Estimated Land Used (Sqm)
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A. OPERATIONAL FACILITIES

34	MCFDC HEADQUARTERS & SERVICE COMPANY		34	10	100	100
35	MCFDC PUBLICATION ROOM		10	3	40	40
36	MCFDC COMPUTER LABOLATORY W/ OFFICE SPACE		100	20	300	300
37	MCFDC LIBRARY		66	1	200	200
38	MCFDC FINANCE OFFICE		20	4	60	60
39	MCFDC FUNCTION ROOM W/ CONFERENCE TABLE		100	1	300	300
40	MCFDC AUDIO VISUAL ROOM W/ EQUIPMENT STORAGE		100	1	300	300
41	MCFDC TRAINING DEVELOPMENT & EVALUATION OFFICE		18	2	100	100
42	MCFDC COMMON HEAD MALE (T&B)		4	1	16	16
43	MCFDC COMMON HEAD FEMALE (T&B)		2	1	12	12
44	MCFDC MULTI STOREY BUILDING		1000	25	3000	3000
45	MCFDC THE BASIC SCHOOL W/ COMMON HEAD M&F		66	10	600	600
46	MCFDC THE ADVANCE SCHOOL W/ COMMON HEAD M&F		55	15	600	600
47	MCFDC THE SPECIALIZED SCHOOL W/ COMMON HEAD M&F		37	5	600	600

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[Signature]

PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

Nr	Facility/Building	Building Description	MBSL TERMINATE		Estimated Floor Area Req. (Sq.m)	Estimated Land Used (Sq.m)
			Capacity (Personnel)	Nr of Spaces/Offices		
A. OPERATIONAL FACILITIES						
48	MCFDC MOBILE TRAINING & EXERCISE UNIT W/ COMMON HEAD M&F		41	7	600	600
49	MCFDC THE SPECIAL OPNS AND SCOUT SNIPER SCHOOL W/ COMMON HEAD M&F		19	3	600	600
50	MCFDC CALSS ROOM BUILDING		450	8	1,200	1,200
51	TAS CLASS ROOM A,B,C,D,E,F W/COMMON HEAD M&F		480	8	1,200	1,200
52	TSS CLASS ROOM A,B,C,D W/ COMMON HEAD M&F		320	8	900	900
53	TSSSS CLASS ROOM A,B,W/ COMMON HEAD M&F		120	8	450	450
54	MEDICAL DISPENSARY		50	10	1,335(Hospital Bldg+ Med Co.Barracks)	1,335(Hospital Bldg+ Med Co.Barracks)
55	C2 BUNKER FOR KEY OFFICERS/LEADERS		50	1	500	500
56	FIRE STATION		2 Fire Trucks (16 pers)	1	100	100
57	WATER TREATMENT FACILITY			1	100	100

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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

No	Facility/Building	Building Description	Capacity (Personnel)	N ^o of Spaces/Offices	Estimated Floor Area Req. (Sq.m)	Estimated Land Used (Sq.m)
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B. SUPPORT FACILITIES

1	RE-TRAINING BARRACKS-1 WITH 10 OFFICE SPACE, SUPPLY ROOM AND ARMORY		100	14	900	900
2	RE-TRAINING BARRACKS-2 W/ 2 OFFICE SPACE FOR COYS		150	3	900	900
3	RE-TRAINING BARRACKS-3 W/ 2 OFFICE SPACE FOR COYS		150	4	900	900
4	RE-TRAINING COMMON HEAD AND LOUNDRY AREA MALE		10	1	100	100
5	T-13 BARRACKS (MCFDC ORGANIC PERS) W/ COMMON HEAD AND LOUNDRY AREA FOR MALE		150	2	900	900
6	TAS STUDENTS BARRACKS (6 BUILDINGS) W/ COMMON HEAD AND LOUNDRY AREA FOR MALE		900	36	5,400	5,400
7	TSS STUDENTS BARRACKS W/ COMMON HEAD AND LOUNDRY AREA		150	10	900	900
8	TSS STUDENTS BARRACKS W/ COMMON HEAD AND LOUNDRY AREA		150	2	900	900
9	MOBC BARRACKS W/ 2 ROOMS AND 2 COMMON HEAD AND LOUNDRY AREA FOR M&F		50	6	450	450

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PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

Nr	Facility/Building	Building Description	MISGL TERNMATE			Estimated Floor Area Req. (Sq.m)	Estimated Land Used (Sq.m)
			Capacity (Personnel)	Nr of Spaces/ Offices			
B. SUPPORT FACILITIES							
10	CENTRALIZED FEMALE STUDENTS AND ORGANIC PERSONNEL BARRACKS W/ COMMON HEAD T&B AND LAUNDRY AREA		100	14	900	900	
11	BOQ		70	100	8,000	8,000	
12	TOO		35	50	8,000	8,000	
13	MOQ (LODGING HOUSE ACTIVE MIL PERS & DEPENDENTS)		10	10	1,600	1,600	
14	MEQ (LODGING HOUSE ACTIVE MIL PERS & DEPENDENTS)		20	20	2,000	2,000	
15	IBBN BARRACKS (OFFICER & EP w/ separate room and Head for female)		40	4	160	160	
16	IBBN PERSONNEL BARRACKS		20	2			
17	MTMBN NCO BARRACKS W/ T&B		10	5	80	90	
18	MTMBN JNCO BARRACKS W/ COMMON T & B		26	1	182	182	
19	MTMBN LAUNDRY AREA		36	1	17.10	17.10	
20	Z1MC DET AABN TROOPS BARRACKS		9	1	73.88	73.88	
21	CIMDR, FRG POSITIONAL QUARTERS		6	6	300	300	

or

of

PROPOSED PMC FUNCTIONAL REPLICATION CONCEPT

Nr	Facility/Building	Building Description	MISGL TERMINATE		Estimated Floor Area Req. (Sqm)	Estimated Land Used (Sqm)
			Capacity (Personnel)	Nr. of Spaces/ Offices		
B. SUPPORT FACILITIES						
22	FRG STAFF OFFICERS QUARTER		15	1	200	200
23	FRG FEMALE BARRACKS		8	1	64	64
24	FRG ADDITIONAL TROOPS BARRACKS (OPEN)		100	1	700	700
25	FRG RETRAINING COY BARRACKS (OPEN)		80	1	560	560
26	SUPT OFFICE W/ BED ROOM & CR		1	1	100	100
27	ASUPT OFFICE W/ BED ROOM & CR		1	1	100	100
28	OFFICERS' BARRACKS (1 ROOM FOR FEMALE) W/ T&B, M&F		10	5	300	300
29	EP BARRACKS (1 ROOM FOR FEMALE) W/ T&B, M&F		20	10	300	300
30	FRG FOL DUMP		20,000 liters	2	250	250
31	FRG AMMO DUMP		100,000 RDS	2	200	200
32	FRG SUPPLY BODEGA		Assorted Supplies	4	400	400
33	FRG SHADED PARKING BAY		10 MV	10	200	200
34	FRG MOTOR POOL		20 VEHICLES	1	400	400
35	FRG CLASS ROOM		120	10	200	200
36	FRG ARMORY		800	4	200	200
37	SAO DET/SUPPLY WAREHOUSE/ARMORY		2 PERS & Approx 1000 F&S	3	200	200

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