

BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE PROJECTS (BAC-I)

**BIDDING FOR THE CONSTRUCTION OF SEABEES (NCEBDe) FACILITIES
AT NSLG ZAMBALES**

BID BULLETIN NO. 05

This Bid Bulletin contains clarifications received from prospective bidders via email, and other matters relating to the Project.

I. Queries/Questions by the Prospective Bidders

Queries/Questions	Clarifications / Responses
<p>Q1. Technical.</p> <p>In case the scope of work is subject to Variation Order and Extension of Time, is the contractor allowed to claim additional cost not only on the materials itself but also for Preliminary Cost such as Labor, Bond, Delivery and Safety Program.</p>	<p>Variation Orders shall be subject to the guidelines in Annex "E" of the 2016 Revised IRR of RA No. 9184.</p>
<p>Q2. Technical.</p> <p>ITB Clause 10.4, Nominated Key Personnel - Structural Engineer, do bidders need to attach Membership/Certification for the Structural Engineer? Or are the bidders required to attach a specific document as proof that said personnel is a Structural Engineer?</p>	<p>For the nominated Structural Engineer, only a photocopy of the PRC license is required to be submitted.</p>
<p>Q3. Technical.</p> <p>For Ongoing Projects, do bidders need to attach supporting documents like Contracts, Notice of Award, Notice to Proceed?</p>	<p>No. The supporting documents shall be presented and validated during the post-qualification stage.</p>
<p>Q4. Civil.</p> <p>Please provide the Detailed Plan and</p>	<p>Please refer to the details of the wooden</p>

<p>Drawings of 1003(3)b4 Wooden Locker (Training Laboratory)</p>	<p>locker in Drawing Sheet A-17 of 2-Storey Barracks with Ground Level Parking, which is identical to the wooden locker for the Training Laboratory.</p>
<p>Q5. Civil</p> <p>Please provide the Structural Details of Perimeter Fence at Armory</p>	<p>Please refer to Drawing Sheet A1-A4 Perimeter Fence Plan and S-1 Foundation Plan.</p>
<p>Q6. Civil</p> <p>Are the gates in the Armory included in the BOQ of Doors and Windows? There is only one (1) door that fits the gate's description but as per plan, there's supposed to be two (2).</p>	<p>The cost for the gates of the perimeter fence is included under Item No. 1722 - Fence and Railings.</p>
<p>Q7. Civil</p> <p>Regarding Doors and Windows, there are discrepancies between the Schedule, Bill of Quantities and Floor Plans. Which will prevail?</p>	<p>For purposes of this procurement, the BOQ shall prevail over any other documents. Bidders are reminded and advised to prepare their financial proposal based on the BOQ.</p>
<p>Q8. Request for seven (7) days extension</p> <p>We are very keen to participate in the forthcoming tender for the above-mentioned work. As per your advertisement, the prospective bidders need to drop the tender on October 09, 2023. But as your requirements are very high, it will take much time to prepare a proper estimation of the work. As a result, it is not possible for us to prepare a best competitive offer within the time specified by you.</p> <p>Under the above circumstance, we would request for an extension of time for tender submission by at least 7 days. We hope you will grant our request in order to ensure fair</p>	<p>Please refer to Bid Bulletin No. 4 for the revised bidding schedule.</p>

<p>participation of all bidders.</p>	
<p>Q9. Request for one (1) week extension</p> <p>In lieu of the recently released Bid Bulletin No. 3, may we request another extension for at least another week to further review the new clarifications and additional annexes.</p>	<p>Please refer to Bid Bulletin No. 4 for the revised bidding schedule.</p>
<p>Q10. Upon receiving the Bid Bulletin No. 3, we noticed that the QUANTITY indicated in Bill of Quantities is different from the QUANTITY indicated in Detailed Estimate. Some items were deleted while some were added in the DETAILED ESTIMATE, which is inconsistent with the BILL OF QUANTITIES.</p> <p>Please clarify.</p>	<p>The updated BOQ and DCE are consistent with one another. Please refer to Annex D and E of Bid Bulletin No. 3 for the updated BOQ and DCE, respectively.</p> <p>Alternatively, bidders may access the links below:</p> <p>Updated BOQ: https://drive.google.com/drive/folders/1XG2PycLh8QYa_T5g6LtiH4bePo9MHy?usp=sharing</p> <p>Updated DCE: https://drive.google.com/drive/folders/1oWRSrMZbjCGSyUxVmUXpsc5JX41Tu5s?usp=drive_link</p>
<p>Q11. Bill of Quantities, Mechanical Works & Drawings</p> <p>Based on the drawings, below are the breakdown of units for each structure and the total quantity indicated in the bill of quantities (BOQ).</p> <p>Please confirm which will govern.</p>	<p>For purposes of this procurement, the BOQ shall prevail over any other documents. Bidders are reminded and advised to prepare their financial proposal based on the BOQ.</p>

No	Description	1- INCED HEADQUARTERS	2-COMBO BUILDING	3-JUNG BEHEIVE	4- 2 STOREY BARRACKS 2 UNITS	5- SUPPLY SAG	6- ADMIN BUILDING	7- TDC BUILDING	8- INACEL LANSON BUILDING	9- TRANSIENT OFFICERS QUARTER	10- ARMORY	12- MOTORPOOL	13- MESS HALL	14- OFFICER LOUNGE	15- 3 UNITS- SR OFFICER QUARTERS	16- 3NEEL LANSON BUILDING	17- MULTI PURPOSE BUILDING	18- SUPPORT COMPANY	19- NCEBDE WORKSHOP	20- TRAINING ROOM	21- TACTICS & LAB	22- INCEB HEADQUARTER	QTY PER DRAWINGS	QTY PER BOQ	VARIANCE																			
Wall mounted, split type Aircon																																												
1	2hp		3				1	2	1	15		2	2							10	5	57	67	-10																				
2	1.5hp	2	1	1																		2	18	19	-1																			
3	2 hp	8	1		1	13	12	2							2				2	8	2	19	70	56	14																			
4	2.5 hp	11			4			4					4		5							30	58	36	22																			
Ceiling cassette, split type Aircon																																												
1	3 TR											8			6	2							28	21	7																			
Ceiling suspended, split type Aircon																																												
1	3 TR		1																				1	0	1																			
Window type Aircon																																												
1	0.5 hp					1								18									19	5	14																			
	0.75 hp													18									18	0	18																			
	1 hp													18									18	0	18																			
TOTAL QUANTITY																																										287	204	83

Q12. BOQ Item - No. 1206 (1) b

Please provide the capacity of Fuel Pump/Fuel Dispenser [POL Dump].

The Fuel Pump/Fuel Dispenser shall have the following specifications:

- single-phase induction motor
- two-value capacitor
- explosion-proof
- 0.75 kW
- 220/230/240 Volts
- 5.2/5.1/5.0 Amperes
- 60 Hz

Q13. Electrical

All Panel Boards Under Section 1102 have different descriptions and Item No. in DUPA and BOQ.

Item No. 1111(10) "Four Spool Secondary Rack" has no quantity in DUPA.

All items under 1103 "Lighting Fixtures and Lamps" have different Item No. in DUPA and BOQ.

Item No. for the same Item is not the same in DUPA and BOQ.

Quantity for item "Single, 1-Gang, Universal, Convenience Outlet with Plate" is different in DUPA and BOQ.

Please clarify.

Please refer to the response in Q10.

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATE DIRECT COST
				MATERIAL LABOR EQUIPMENT
1101 (4) a2	Three-Way Switch w/Plate, Two Gang Switch	10.00	set	
1101 (7) a1	Four-Way Switch w/Plate	2.00	set	
1101 (7) a2	Four-Way One Gang Switch w/Plate Cover	1.00	set	
1101 (15) a	Single, 1-Gang Universal Convenience Outlet w/Plate	150.00	set	
1101 (15) b	Duplex, 2-Gang Universal Convenience Outlet w/Plate	17.00	set	
1101 (15) c	Duplex, 2-Gang Universal Convenience Outlet	4.00	set	
1101 (15) d	Duplex, 2-Gang Universal Convenience Outlet w/Plate	19.00	set	
1101 (15) e	Duplex, 2-Gang Universal Convenience Outlet	14.00	set	
1101 (15) f	E27 Ceiling Receptacle 4 1/4" crown/white	10.00	set	
1101 (15) g	Weatherproof Single Convenience Outlet/Receptacle (GT)	1.00	set	
1101 (15) h	Weatherproof Duplex Convenience Outlet/Receptacle (GT)	2.00	set	
1101 (15) i	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) j	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	2.00	set	
1101 (15) k	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) l	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) m	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) n	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) o	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) p	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) q	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) r	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) s	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) t	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) u	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) v	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) w	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) x	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) y	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) z	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	

SEABEES (NCEBde) Facilities
General Construction

DETAILED COST ESTIMATE
PROPOSED REPLICATION OF NAVAL COMBAT
Naval Station Leovigildo Gantiu
GENERAL CONTRACT

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATE DIRECT COST
				MATERIAL LABOR EQUIPMENT
1101 (15) c	Duplex, 2-Gang Universal Convenience Outlet	2.00	set	
1101 (15) d	Duplex, 2-Gang Universal Convenience Outlet	1.00	set	
1101 (15) e	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	4.00	set	
1101 (15) f	Basic Fixture Outlet, 15A, 250V, Plate Cover	3.00	set	
1101 (15) g	Basic Fixture Outlet/Receptacle, 15A, 250V, 1/2" x 3/4" x 1 1/2"	1.00	set	
1101 (15) h	4 1/2" Outlet	2.00	set	
1101 (15) i	Plate Outlet, 15A, 250V, 2 1/2" x 4 1/2" w/ Shield	2.00	set	
1101 (15) j	Large receptacle outlet, weather cover	1.00	set	
1101 (15) k	Weatherproof Outlet	2.00	set	
1101 (15) l	Weatherproof Outlet	1.00	set	
1101 (15) m	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	2.00	set	
1101 (15) n	Weatherproof Duplex, 2-Gang Universal Convenience Outlet	1.00	set	

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1101 (4)	Two-Way Switch w/Plate, one-way		set	
1101 (5)	Three-Gang Switch w/Plate, One-way		set	
1101 (6) a1	Three-Way Switch w/Plate		set	
1101 (6) a2	Three-Way Switch w/Plate, Two Gang Switch		set	
1101 (7) a1	Four-way Switch w/Plate		set	
1101 (7) a2	Four-way One Gang Switch w/Plate Cover		set	
1101 (15)	Receptacle Outlet		set	
1101 (15) b	Single, 1-Gang Universal Convenience Outlet w/Plate		set	
1101 (16) a	Duplex, 2-Gang Universal Convenience Outlet		set	
1101 (16) b	Duplex, 2-Gang Universal Convenience Outlet w/Plate		set	
1101 (17)	E27 Ceiling Receptacle 4 1/4" crown/white		set	
1101 (18)	Weatherproof Single Convenience Outlet/Receptacle (GT)		set	
1101 (19) a	Weatherproof Duplex Convenience Outlet/Receptacle (GT)		set	
1101 (19) b	Weatherproof Duplex, 2-Gang Universal Convenience Outlet		set	
1101 (19) c	Outdoor Outlet, 15A-250V, Weatherproof Cover		set	
1101 (19) d	Weatherproof Cover, Surface Mounted Enclosure		set	

Construction of SEABEES (NCEBde) Facilities
Electrical Works

BILL OF QUANTITIES

Project : CONSTRUCTION OF SEABEES (NCEBde) FACILITIES AT NSLG ZAMBALES
Location : San Antonio, Zamboanga

Q14. No Item No. in DUPA.

The pay items in question have corresponding Item Nos. in the updated

Please clarify.

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1106	Network Cabling System			
1105 (19) a	Data System including Router: dual band, 4 port w/ wifi connecting 8 ports, 8 Port and Fourteen (14) 16-port network patch panel	1.00	set	
1105 (19) b	Data System: WiFi Router with 8 Port network patch-cabling system (1) 10 Port with 100Mbps	1.00	set	
1105 (19) c	Network System: Router: 2976 Mbps Mesh WiFi6 - 8G supporting Nine (9) 8 Port and Three (3) 24 Port network switches (BTDC)	1.00	set	
1105 (19) d	Router: 2976 Mbps Mesh WiFi6 - 8G Network Switch: 8 port, unmanaged; Network Switch: 16 port, unmanaged; Network Switch: 24 port, unmanaged; PAW System: 3 CO Lines, 8 Extension; Expansion Card: 2 CO and 8 Extension; Telephone, corded handset (BTDC)	1.00	set	
1105 (19) e	Data and Communication System Wires, Conduits & Accessories including CAT V, 4 pairs, #24 AWG (1000 ft) Service Entrance; Cap: 50mm diameter; Conduit: PVC, 50mm diameter; Conduit: PVC, 50mm diameter; Adaptor: 32mm, PVC, Junction box: PVC, Pull box: PVC, Pull box (12" x 12" x 4") powder coated, gauge #8, Data Cabinet: 480 x 600 x 440mm, wall mounted, IP 20 (PDC)	1.00	set	
1105 (19) f	Data System One (1) - AC924 G-6 GHz 100 Mbps Home Use Wireless WiFi Router One (1) - 24 Port Network Switch with 50 vs 100 Mbps port w/ Acceptable (8) (6) rolls of Cable and One (1) box of RJ45	2.00	set	
	Data and Communication Router: 2976 Mbps - 8G and Telephone Handset	1.00	set	
	Data and Communication Router: dual band, 4 port w/ wifi and One (1) Handset	1.00	set	
	DATA Network: Router: 2976 Mbps Mesh WiFi6 - 8G supporting Five (5) Network Switch, 8 port, unmanaged in Data Cabinet (800 x 400)	1.00	set	
	Router: 4 port with WiFi and one Telephone Handset	1.00	set	
	16 Channel DVR with 2 Port SATA, 2-4TB Hard Disk Drive, 32" LED Monitor, 4- 1080p Dome Type and 2- 1080p Bullet Type CCTV Camera with UPS	1.00	set	
1106	CCTV System			
1106 (11) a	CCTV System including one (1) CCTV DVR: 16 Channel w/ AHD support with 2 SATA Port, with Two (2) 4TB Hard Drive and 22" LED Monitor; Seven (7) - CCTV Camera: 1080p TVI AHD CVI CVBS IR Dome Camera: 3.6mm 4 in 1; system is supported by a Uninterruptible Power Supply (NCEBde Measurement)	1.00	is	
1106 (11) b	CCTV System: CCTV DVR: 8 Channel w/ Composite Hard Drive (Max Capacity), 32" CCTV Monitor monitoring from Two (2) Dome Type Camera and One (1) Bullet Type Camera	1.00	is	
1106 (11) c	CCTV System: DVR: 16 Channel TVI with AHD support with 2 SATA with 2 x 4TB Hard Disk, Three (3) Camera: Dome type: 1080p, 4in 1 video output (TVI/AHD/ CVI/ CVBS), Three (3) Camera: IR Bullet type: 1080p, 4in 1 video output (TVI/AHD/ CVI/ CVBS), 5-supported by Uninterruptible Power Supply (BTDC)	1.00	is	

Construction of SEABEES (NCEBde) Facilities

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1105 (19) d	Router: 4 port with WiFi and one Telephone Handset	1.00	set	
1105 (19) e	Data and Communication System Wires, Conduits & Accessories, including CAT V, 4 pairs, #24 AWG (1000 ft) Service Entrance; Cap: 50mm diameter; Conduit: PVC, 50mm diameter; Conduit: PVC, 50mm diameter; Adaptor: 32mm, PVC, Junction box: PVC, Pull box (12" x 12" x 4") powder coated, gauge #8, Data Cabinet: 480 x 600 x 440mm, wall mounted, IP 20 (PDC)	1.00	set	
1105 (19) f	Data System One (1) - AC924 G-6 GHz 100 Mbps Home Use Wireless WiFi Router One (1) - 24 Port Network Switch with 50 vs 100 Mbps port w/ Acceptable (8) (6) rolls of Cable and One (1) box of RJ45 CONDUIT, PVC	2.00	set	
1105 (19) g	Data and Communication Router: 2976 Mbps - 8G and Telephone Handset (Purpose Hall)	1.00	set	
1105 (19) h	Data and Communication Router: dual band, 4 port w/ wifi and One (1) Handset (NCEBde Workshop)	1.00	set	
1105 (19) i	DATA Network: Router: 2976 Mbps Mesh WiFi6 - 8G supporting Five (5) Network Switch, 8 port, unmanaged in Data Cabinet (800 x 400) (Data Hall)	1.00	set	
1105 (19) j	Router: 4 port with WiFi and one Telephone Handset (Traffic Office & Laboratory)	1.00	set	
1105 (19) k	1080p Dome Type and 2- 1080p Bullet Type CCTV Camera with UPS (Traffic Office & Laboratory)	1.00	set	
SUB-TOTAL COST - DATA AND COMMUNICATION SYSTEM				
1106	CCTV System			
1106 (11) a	CCTV System including one (1) CCTV DVR: 16 Channel w/ AHD support with 2 SATA Port, with Two (2) 4TB Hard Drive and 22" LED Monitor; Seven (7) - CCTV Camera: 1080p TVI AHD CVI CVBS IR Dome Camera: 3.6mm 4 in 1; system is supported by a Uninterruptible Power Supply (NCEBde Measurement)	1.00	is	
1106 (11) b	CCTV System: CCTV DVR: 8 Channel w/ Composite Hard Drive (Max Capacity), 32" CCTV Monitor monitoring from Two (2) Dome Type Camera and One (1) Bullet Type Camera (Combo Blog)	1.00	is	
1106 (11) c	CCTV System: DVR: 16 Channel TVI with AHD support with 2 SATA with 2 x 4TB Hard Disk, Three (3) Camera: Dome type: 1080p, 4in 1 video output (TVI/AHD/ CVI/ CVBS), Three (3) Camera: IR Bullet type: 1080p, 4in 1 video output (TVI/AHD/ CVI/ CVBS), 5-supported by Uninterruptible Power Supply (BTDC)	1.00	is	

DCE that was provided in Annex E of Bid Bulletin No. 3, under the "Updated Detailed Cost Estimates" folder.

Please refer to Bid Bulletin No. 3 or access the link below for the updated DCE:

https://drive.google.com/drive/folders/1oWRSrMzBjCGSyUxVmUXpsc5JX41T_u5s?usp=sharing

Q15. No Item No. in DUAPA.

Please refer to the response in Q14.

Please clarify.

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ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT C		
				MATERIAL	LABOR	EQUIPME
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1106 (1)d	CCTV System: Camera, Dome type, 1080p, 4in1 video output (TVI/AHD/CVI/CBS), Dome IR Bullet type, 1080p, 4in1 video output (TVI/AHD/CVI/CBS), Power Supply, 12V, 2A, Video Balan, 1 Channel AHD TVI DVR, 16 Channel TVI with AHD support with 20cm, 2 SATA Hard Disk, 4TB, 3500rpm, 64mb SATA Monitor, 24" LED screen, UPS, 660 VA (FRDCC)	1.00	LS			
1106 (1)e	CCTV System: One (1) - DVR CCTV 8CH/16CH/32 Channel, 8mp, One (1) - 32" LED TV Monitor, SV 16 - 21HP, 10.6mm lens, 1080P Outdoor 4 in 1 Bullet Turbo HDTV CCTV Camera (Laser Diode Blanking)	2.00	LS			
1106 (1)f	CCTV System: CCTV DVR, 16 Channel with AHD Support with Alarm and 2 SATA Part with 4TB HDD, Five (5) IR Bullet Camera, 1080p, Four (4) IR Dome Type Camera, 1080p, 22" LED Monitor, UPS supported (pending)	1.00	LS			
	CCTV System: DVR 8channel and one (1) 4TB HDD, 5 IR Bullet Type 1080p Camera supported with UPS	1.00	LS			
	CCTV System: 1080p CCTV Cameras Three (3) Dome Type, Two (2) Bullet Type, 16 Channel DVR with 2 SATA Part and 2 - 4TB Hard Disk with Uninterruptible Power Supply	1.00	LS			
	CCTV System: 7 Dome Type 1080p, 2 Bullet Type 1080p supported by CCTV DVR 16 Channel with AHD support with alarm 2 SATA with Two (2) 4TB Hard Disk Drive and 22" LED Monitor with Uninterruptible Power Supply	1.00	LS			
	Roughing in and Wiring of Auxiliary System, CCTV and Data Network (6600 Hse)	1.00	LS			
1107	Public Address System					
1107 (1)a	Communication System, including PA&X System with handset - 8 Analogous CO-24 Extension, with additional two (2) expansion cards to utilize maximum extensions and Cos connecting (2) Telephone Handsets	1.00	LS			
1107 (1)b	Communication System, including 1 Telephone with 10 port with interface card one (1) terminal box for service connection (Carro Bldg)	1.00	LS			
1107 (1)c	Communication System: PA&X Expansion Card, 2 CO and 8 Extension interconnecting	1.00	LS			
1107 (1)d	PA System: One (1) - MG 12XU (2 input 4 - Bus Mixer with Effects, 10" 700W Max, 180W Max, 180V, Line speaker w/ horns, One (1) - 818A-208 Line Address System: Monopole and Four (4) Rods or 14 gauge Times OPC Heavy Duty Steel Mobile Speaker Unit, Telephone System: Eight (8) - KV-7562010 Corded Telephone Handset, Eight (8) - Connector Block, R-111 Twisted Pair Telephone Jack One (1) - Terminal Block for service connection for 8 Service connection	2.00	LS			

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BILL OF QUANTITIES

Project : CONSTRUCTION OF SEABEES (NCEBde) FACILITIES AT NSLG ZAMBALES
Location : San Antonio, Zambales

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST (Php)
1106 (1)d	CCTV System: Camera, Dome type, 1080p, 4in1 video output (TVI/AHD/CVI/CBS), Dome IR Bullet type, 1080p, 4in1 video output (TVI/AHD/CVI/CBS), Power Supply, 12V, 2A, Video Balam, 1 Channel AHD TVI DVR, 16 Channel TVI with AHD support with 20cm, 2 SATA Hard Disk, 4TB, 3500rpm, 64mb SATA Monitor, 24" LED screen, UPS, 660 VA (FRDCC)	LS	1.00	
1106 (1)e	CCTV System: One (1) - DVR CCTV 8CH/16CH/32 Channel, 8mp, One (1) - 32" LED TV Monitor, SV 16 - 21HP, 10.6mm lens, 1080P Outdoor 4 in 1 Bullet Turbo HDTV CCTV Camera (Laser Diode Blanking)	LS	2.00	
1106 (1)f	CCTV System: CCTV DVR, 16 Channel with AHD Support with Alarm and 2 SATA Part with 4TB HDD, Five (5) IR Bullet Camera, 1080p, Four (4) IR Dome Type Camera, 1080p, 22" LED Monitor, UPS supported (pending)	LS	1.00	
1106 (1)g	CCTV System: DVR 8channel and one (1) 4TB HDD, 5 IR Bullet Type 1080p Camera supported with UPS (water Proof)	LS	1.00	
1106 (1)h	CCTV System: 1080p CCTV Cameras Three (3) Dome Type, Two (2) Bullet Type, 16 Channel DVR with 2 SATA Part and 2 - 4TB Hard Disk with Uninterruptible Power Supply (6600 Hse) (pending)	LS	1.00	
1106 (1)i	CCTV System: 7 Dome Type 1080p, 2 Bullet Type 1080p supported by CCTV DVR 16 Channel with AHD support with alarm 2 SATA with Two (2) 4TB Hard Disk Drive and 22" LED Monitor with Uninterruptible Power Supply (NCEBde Workshop)	LS	1.00	
1106 (1)j	Roughing in and wiring of Auxiliary System, CCTV and Data Network (6600 Hse)	LS	1.00	
SUB-TOTAL COST : CCTV System				
1107	Public Address System			
1107 (1)a	Communication System, including PA&X System with handset - 8 Analogous CO-24 Extensions, with additional two (2) expansion cards to utilize maximum extensions and Cos connecting 16 Telephone Handsets (NCEBde HQ)	LS	1.00	
1107 (1)b	Communication System, including 1 Telephone with 10 port with interface card one (1) terminal box for service connection (Carro Bldg)	LS	1.00	
1107 (1)c	Communication System: PA&X Expansion Card, 2 CO and 8 Extension interconnecting	LS	1.00	
1107 (1)d	PA System: One (1) - MG 12XU (2 input 4 - Bus Mixer with Effects, 10" 700W Max,	LS	1.00	

Q16. For Testing and Commissioning, kindly clarify which item should we include in Testing and Commissioning.

Please refer to the updated BOQ and DCE.

Please clarify.

DETAILED COST ESTIMATE
PROPOSED REPLICATION OF NAVAL COMBAT ENGINEERING BRIGADE (NCEB) FACILITIES
Naval Station Lungsod San Antonio (NSLSA) San Antonio, Zamboanga
GENERAL CONSTRUCTION

NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED COST			BUDGETED COST			TOTAL	VAT	TOTAL AMOUNT	TOTAL
				AMOUNT	UNIT PRICE	TOTAL	AMOUNT	UNIT PRICE	TOTAL				
1106	LED Monitor with Uninterruptible Power Supply (NCEBde Workshop)	15	EA			1.00			1.00		1.00		
1106	Roughing-in and wiring of Auxiliary System, CCTV and Data Network (Liaison Hall)	15	EA			1.00			1.00		1.00		
SUB-TOTAL COST, CCTV System													
1107	Public Address System												
1107 (1) a	Common-cord System including PBX System with Hostset - 8 Analog, CO, 24 Extensions, with callhold and CO expansion cord (2) size maximum extension and CO connecting 18 Telephone Handsets (NCEBde Hall)					1.00			1.00		1.00		
1107 (1) b	Common-cord System, including Telephone with 10 port with keypad and one (1) terminal box for service connection (Comms Bldg)					1.00			1.00		1.00		
1107 (1) c	Common-cord System - PBX Expansion (para. 2 CO and 8 Extension) interconnecting Nine (9) Buildings (JITC)					1.00			1.00		1.00		
1107 (1) d	PA System, One (1) MG1200 12-Input 4-Bus Mixer with Effects, 10'700W Max, 360W Loud speaker in letters, One (1) - 58M-208 Unidirectional Dynamic Microphone and Four (4) Pairs of 1/2 Gauge Tinned OMC Heavy Duty Boat Marine Speaker Wire (Liaison Building)					1.00			2.00		2.00		
1107 (1) e	Telephone System, Eight (8) - 10X-78500/K Corded Telephone Handset, Eight (8) - Connection (para. 1) PA's Tintless Keytone Jack, One (1) - Terminal Box for service connection for 8 Service Connection (Liaison Buildings)					1.00			2.00		2.00		
1107 (1) f	Common-cord System, including 10'700W Max, 360W Loud speaker in letters, 1/2 Gauge Tinned OMC Heavy Duty Boat Marine Speaker Wire, MG1200 12-Input 4-Bus Mixer with Effects, 58M-208 Unidirectional Dynamic Microphone (Multi-Purpose Hall)					1.00			1.00		1.00		
1107 (1) g	Testing and Commissioning (Electrical Works)					1.00			1.00		1.00		
SUB-TOTAL COST, Public Address System													
TOTAL COST - ELECTRICAL WORKS													

Q17. Item "Double Banks" should not be included in DUPA as per Bid Bulletin No. 3 Q13.

Please clarify.

Please refer to the updated DCE.

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ITEM ID	Description	QUANTITY	UNIT
1102 (16) a1	Generator Set, 300KVA, 230V, 60Hz, 3phase, 1800rpm w/ complete accessories including controller, 700AT safety breaker, battery charger and 8hr fuel tank. Silent Type and 700A Automatic Transfer Switch	1.00	1 s
1102 (24) a1	Double banks (Training Laboratory)	76.00	unit
1102 (24) a2	Safety Breaker 700AT, 3Pole, 230V, 60Hz, 65KAIC, MCCB	1.00	set
1102 (24) b1	Safety Breaker 70AT, Nema 3R Enclosure	4.00	set
1102 (24) b2	Safety Breaker Circuit Breaker 125AT, 240V, 60Hz, 2P, 10KAIC, Bolt-on, MCCB in NEMA 3R Enclosure	1.00	set
1102 (24) b3	Enclosure 22KAIC	1.00	set
1102 (24) b4	Safety Breaker 150AT, 230V, 60Hz, 10KAIC, MCCB in Nema 3r Enclosure	1.00	set
1102 (24) b5	Safety Breaker 300AT, 240V, 60Hz, 2P, Bolt On, 10KAIC, MCCB w/ NEMA 3R Enclosure	2.00	set
1102 (24) b6	Enclosure	1.00	set
1102 (24) b7	Safety Breaker 250AT, 2P, 230V, 60 Hz, 10 KAIC MCCB Bolt-on w/ Nema 3R Enclosure	1.00	set
1102 (24) b7	Safety Breaker 60AT, 100AF Nema 3R Bolt-on Enclosure	1.00	set
1102 (24) b7	Enclosure	1.00	set
1102 (24) b7	Safety Breaker 250AT, 2P, 240V, 60Hz, 50KAIC, MCCB in Nema 3R Enclosure	2.00	set
1102 (24) b7	Safety Breaker 150AT, 230V, 60Hz, 10KAIC, MCCB in Nema 3r Enclosure	2.00	set
1102 (25)	Lightning Rods with complete mounting accessories and ground rod	6.00	set
1102 (26)	Equipment Circuit Breaker, 30 AT, 230V, 60Hz, 2P, BO, 10KAIC, MCCB with NEMA 1 Surface Mounted Enclosure	4.00	set
1102 (26)	Equipment Circuit Breaker, 50AT, 2P, w/ Nema 3r Enclosure	3.00	set
1102 (26)	Equipment Circuit Breaker, 50AT, 2P, w/ Nema 3r Enclosure	1.00	set

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ITEM ID	Description	QUANTITY	UNIT
1102 (10) d2	Distribution Transformer 167KVA, 240v Secondary 60Hz Pole type, complete with protection and line hardware (BTCC)	1.00	unit
1102 (13)	Current transformer 400-5 600V (FPDC)	2.00	unit
1102 (16) a1	Generator Set, 300KVA, 230V, 60Hz, 3phase, 1800rpm w/ complete accessories including controller, 700AT safety breaker, battery charger and 8hr fuel tank. Silent Type and 700A Automatic Transfer Switch (NCEBde HQ, Tactics Office & Laboratory)	2.00	1 s
1102 (24) b7	Safety Breaker 60AT, 100AF Nema 3R Bolt-on Enclosure	1.00	set
1102 (24) a	Safety Breaker 70AT, Nema 3R Enclosure	4.00	set
1102 (24) b1	Safety Breaker 125AT, 240V, 60Hz, 10KAIC, Bolt-on MCCB in NEMA 3r Enclosure	1.00	set
1102 (24) b2	Safety Breaker Circuit Breaker 125AT, 240V, 60Hz, 2P, 10KAIC, Bolt-on MCCB in NEMA 3R Enclosure	1.00	set
1102 (24) c1	Safety Breaker, 150AT, 2P, 1P, Bolt On, MCCB, w/ NEMA 3R Enclosure 22KAIC	1.00	set
1102 (24) c2	Safety Breaker, 150AT, 230V, 60Hz, 10KAIC, MCCB in Nema 3r Enclosure	1.00	set
1102 (24) c3	Safety Breaker, 150AT, 230V, 60Hz, 10KAIC, MCCB in Nema 3r Enclosure	6.00	set
1102 (24) d	Safety Breaker, 225AT, 2P, 1P, Bolt On, THGO, w/ NEMA 3R Enclosure	1.00	set
1102 (24) e1	Safety Breaker 250AT, 2P, 230V, 60 Hz, 10 KAIC MCCB Bolt-on w/ Nema 3R Enclosure	1.00	set
1102 (24) e2	Safety Breaker, 250AT, 2P, 240V, 60Hz, 50KAIC, MCCB in Nema 3R Enclosure	2.00	set
1102 (24) f1	Safety Breaker 300AT, 2P, 1P, Bolt On, MCCB, w/ Nema 3R Enclosure	1.00	set
1102 (24) f2	Safety Breaker 300AT, 240V, 60Hz, 2P, Bolt On, 10KAIC, MCCB, w/ NEMA 3R Enclosure	2.00	set
1102 (24) g	Safety Breaker 400AT, 2P, Bolt On, 22KAIC MCCB with NEMA 3r Enclosure	1.00	set
1102 (24) h	Safety Breaker 700AT, 3Pole, 230V, 60Hz, 65KAIC, MCCB	1.00	set
1102 (25)	Lightning Rods with complete mounting accessories and ground rod bonded	4.00	set
1102 (26) a	Equipment Circuit Breaker, 30 AT, 230V, 60Hz, 2P, BO, 10KAIC, MCCB with NEMA 1 Surface Mounted Enclosure	3.00	set
1102 (26) b	Equipment Circuit Breaker, 50AT, 2P, w/ Nema 3r Enclosure	1.00	set

<p>Q18. Civil Works</p> <p>All items listed are not included in the DUPA.</p> <p>1. General Requirements</p> <ul style="list-style-type: none"> ■ Part A. Facilities for the Engineer ■ Part B. Other General Requirements <p>2. Site Development</p> <ul style="list-style-type: none"> ■ Part C. ■ Part D. ■ Part E ■ Part G. ■ Part H. <p>Please clarify.</p>	<p>Please refer to the updated DCE.</p>
<p>Q19. Item 515(3) "MSE - Mechanically Stabilized Earth" is already in Bid Bulletin 2 but still reflected in Bid Bulletin 3.</p> <p>Please clarify.</p>	<p>Please refer to the updated DCE and BOQ.</p>
<p>Q20. The following items are reflected in Bid Bulletin 2 but not reflected in Bid Bulletin 3:</p> <ul style="list-style-type: none"> ■ Item 1103(24) "Steel Double Deck Bunk" ■ Item 1008(1)ABC under Windows Section <p>Please clarify.</p>	<p>Please refer to the updated DCE and BOQ.</p>
<p>Q21. There are discrepancies on item quantity between Bid Bulletin No. 2 and Bid Bulletin No. 3. Which will prevail?</p>	<p>Any provisions and statements in Bid Bulletin No. 2 that are inconsistent with Bid Bulletin No. 3 are deemed amended or modified.</p> <p>Please refer to the updated DCE and BOQ.</p>
<p>Q22. Quantity for PVC PIPE (Orange), 75mm Dia is 1030.98 L.M. in DUPA but 1031.38 L.M in BOQ.</p>	<p>Please refer to the updated BOQ and DCE.</p>

<p>Please clarify.</p>		
<p>Q23. Item No. for the same Item is not the same in DUPA and BOQ.</p> <p>Please clarify.</p>	<p>Please refer to the updated BOQ and DCE.</p>	

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TOTAL COST - ELECTRICAL WORKS				
PART E	MECHANICAL WORKS			
1200	Air Conditioning and Ventilating System			
	Supply, delivery and installation of air conditioning unit, complete with line hardware, safety breaker, accessories and fittings, including all necessary works to complete the job, as shown on approved drawings/ plans			
1200 (5) a.1	Exhaust Fan, Ceiling Mounted/ Ceiling Cassette, 300 x 300, 38W		39.00	set
	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pascal, 22w, 4" Discharge Duct Size		3.00	set
1200 (5) a.2	Duct Fan, 33W 220V		1.00	set
	Duct Fan, 33W 220V		10.00	set
1200 (5) a.3	Exhaust Fan 33W 220V		3.00	set
1200 (5) a.3	Exhaust Fan 33W 220V		1.00	set
1200 (5) a.3	Exhaust Fan 33W 220V		4.00	set
	Exhaust Fan 33W 220V		2.00	set
	Exhaust Fan 33W 220V		36.00	set
	Orbit Fan 75W 220V		62.00	set
1200 (13) a.1	ACU Split Type 1 OHP, Inverter, Wall Mounted		8.00	ls

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Project : CONSTRUCTION OF SEABEES (NCEBde) FACILITIES AT NSLG ZAMBALES
Location : San Antonio, Zambales

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT CO (Php)
MECHANICAL WORKS				
1200	Air Conditioning and Ventilating System			
	Supply, delivery and installation of air conditioning unit, complete with mechanical and electrical line hardware, safety breaker, accessories and fittings, all in accordance with the specifications, including all necessary works to complete the job, as shown on approved drawings/ plans			
1200 (5) a.1	Exhaust Fan, Ceiling Mounted/ Ceiling Cassette, 300 x 300, 38W [NCEBde HQ, Multi-Purpose Hall, Service Support Company, Office Hall, Training Office & Laboratory, Service Support Battalion]	set	39.00	
1200 (5) a.2	Exhaust Fan 33W 220V [King Bee Hive, SAO Bldg, FPDC, Armory, Senior Officer Quarters]	set	46.00	
1200 (5) a.3	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pascal, 22w, 4" Discharge Duct Size [NCEBde Workshop]	set	3.00	

Q24. Air Plasmacluster 2 In 1 Air Purifier Dehumidifier Is In Section "Fire Protection Works" in DUPA and in section "Mechanical Works" in BOQ.

Please clarify.

Item No. 1200 (5) a.6 - Air Plasmacluster 2in1 Air Purifier Dehumidifier is included under Mechanical Works, both in the updated BOQ and the updated DCE.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT C (Ph)
MECHANICAL WORKS				
1200	Air Conditioning and Ventilating System			
	Supply, delivery and installation of air conditioning unit, complete with mechanical and electrical line hardware, safety bracket, accessories and fittings, all in accordance with the specifications, including all necessary works to complete the job, as shown on approved drawings/ plans			
1200 (5) a.1	Exhaust Fan, Ceiling Mounted/ Ceiling Cassette, 300 x 300, 38W (NCEBde HQ, Multi-Purpose Hall, Service Support Company, Olivia Hall, Training Office & Laboratory, Service Support Battalion)	set	39.00	
1200 (5) a.2	Exhaust Fan 33W 220V (King Bee Hive, SAO Bldg, FPDC, Armory, Senior Officer Quarters)	set	46.00	
1200 (5) a.3	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pascal, 22w, 4" Discharge Duct Size (NCEBde Workshop)	set	3.00	
1200 (5) a.4	Duct Fan, 33W 220V (Combo Bldg, 2NWCB, 3NCEB)	set	11.00	
1200 (5) a.5	Obit Fan 75W 220V (Tactics Office & Laboratory)	set	62.00	
1200 (5) a.6	Air Plasmacluster 2 in 1 Air Purifier Dehumidifier (Armory)	unit	4.00	
1200 (13) a.1	ACU Split Type 1.0HP, Inverter, Wall Mounted (NCEBde HQ, King Bee Hive, FPDC, 2NWCB, 3NCEB, Transient Officer Quarters, Motorpool, Mess Hall, Senior Officer Treatment, Tactics Office & Laboratory, Service Support Battalion)	ls.	67.00	
1200 (13) a.2	ACU Split Type 1.5HP, Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion)	ls.	13.00	
1200 (13) a.3	ACU Split Type 2.0HP, Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, SAO Bldg, BTDC, FPDC, 2NWCB, 3NCEB, Service Support Company, NCEBde Workshop, Olivia Hall, Service Support Battalion)	ls.	86.00	
1200 (13) a.4	ACU Split Type 2.5HP, Inverter, Wall Mounted (NCEBde HQ, SAO Bldg, 2NWCB, 3NCEB, Officer's Lounge)	ls.	30.00	
1200 (13) a.5	Air Conditioning Unit, 2.5HP, 21965 kJ/hr, 1,800w, 230v, 60hz, Single Phase, Inverter, Split Type, R32, Wall Mounted with remote (King Bee Hive)	ls.	1.00	

Q25. FCU Split Type 2.5HP, Inverter, Wall Mounted, ACCU – 15 l.s. is reflected in DUPA but not in BOQ.

Please refer to the updated BOQ and DCE.

Please clarify.

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Naval Station Leovigil GE

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED	
				MATERIAL (5.1)	LABOR (5.2)
(1)	(2)	(3)	(4)	(5.1)	(5.2)
1200 (13) a.2	ACU Split Type 1.5HP Inverter Wall Mounted	6.00	l.s.		
1200 (13) a.3	ACU Split Type 1.5HP Inverter Wall Mounted	3.00	l.s.		
1200 (13) a.3	ACU Split Type 2.0HP Inverter Wall Mounted	1.00	l.s.		
1200 (13) a.3	ACU Split Type 2.0HP Inverter Wall Mounted	22.00	l.s.		
1200 (13) a.3	ACU Split Type 2.0HP Inverter Wall Mounted	1.00	l.s.		
1200 (13) a.3	ACU Split Type 2.0HP Inverter Wall Mounted	18.00	l.s.		
1200 (13) a.3	ACU Split Type 2.0HP Inverter Wall Mounted	12.00	l.s.		
	ACU Split Type 2.0HP Inverter Wall Mounted	4.00	l.s.		
	ACU Split Type 2.0HP Inverter Wall Mounted	2.00	l.s.		
	ACU Split Type 2.0HP Inverter Wall Mounted	2.00	l.s.		
	ACU Split Type 2.0HP Inverter Wall Mounted	8.00	l.s.		
	ACU Split Type 2.0HP Inverter Wall Mounted	19.00	l.s.		
1200 (13) a.4	ACU Split Type 2.5HP Inverter Wall Mounted	4.00	l.s.		
1200 (13) a.4	ACU Split Type 2.5HP Inverter Wall Mounted	12.00	l.s.		
	ACU Split Type 2.5HP Inverter Wall Mounted	10.00	l.s.		
	ACU Split Type 2.5HP Inverter Wall Mounted, ACCU	15.00	l.s.		
	Supply, Delivery, Installation, & Mounting Cost of ACU Complete w/ Line Horizontal, Safety Breaker, Accessories and Fittings	4.00	l.s.		
1200 (13) a.4	Air Conditioning Unit, 2.5HP, 21,960 kJ/h, 1,800v, 230v, 60Hz, Single Phase, Inverter, Split Type, R32, Wall Mounted with remote	1.00	l.s.		
1200 (13) a.4	2.5 HP Air Conditioning Unit, Complete w/ mechanicals and electrical	1.00	l.s.		
	Line Horizontal, Safety Breaker, Accessories and Fittings	1.00	l.s.		
1200 (13) a.5	ACU Split Type Ceiling Cassette 3TR, Ductless	6.00	l.s.		
1200 (13) a.5	ACU Split Type Ceiling Cassette 3TR, Ductless	1.00	l.s.		
	Ceiling Cassette Type 3TR, Inverter, 37,980kJ/h	6.00	l.s.		
	Supply, delivery and installation of ACU Inverter-Split-Type Ceiling Cassette, 3.0 TR ACU complete with electrical and mechanical horizontal, safety breaker accessories and fittings	8.00	l.s.		
1200 (13) d.1	ACU Window Type 0.5HP, Non-Inverter, Wall Mounted	1.00	l.s.		
	ACU Inverter Window Type 0.5HP ACU	4.00	l.s.		
	FCU Split Type 1.5HP Inverter, 1.5 Power, Gold 3, Wall Mounted with AC Industrial Fan, 150v, 24" Base Dia, 4 Stainless Steel Blade w/ Aluminum Cap, 100 Cl/h, Metal Frame, Wall Mounted	28.00	l.s.		
1200 (13) e.1	Testing and Commissioning	1.00	lot		
1200 (13) e.2	Testing and Commissioning	1.00	lot		

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
MECHANICAL WORKS					
1200	Air Conditioning and Ventilating System				
	Supply, delivery and installation of air conditioning unit, complete with mechanical and electrical line hardware, safety bracket, accessories and fittings, all in accordance with the specifications, including all necessary works to complete the job, as shown on approved drawings/ plans				
1200 (5) a.1	Exhaust Fan, Ceiling Mounted; Ceiling Cassette, 300 x 300, 38" W [NCEBde HQ, Multi-Purpose Hall, Service Support Company, Olivia Hall, Training Office & Laboratory, Service Support Battalion]	set		39.00	
1200 (5) a.2	Exhaust Fan 33W 220V [King Bee Hive, SAO Bldg, FPDC, Armory, Senior Officer Quarters]	set		46.00	
1200 (5) a.3	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pasal, 22in, 4" Discharge Duct Size [NCEBde Workshop]	set		3.00	
1200 (5) a.4	Duct Fan 33W 220V [Combo Bldg, 2NWCB, 3NCEB]	set		11.00	
1200 (5) a.5	Orbit Fan 75W 220V [Tactics Office & Laboratory]	set		62.00	
1200 (5) a.6	Air Plasmacluster 2 in 1 Air Purifier Dehumidifier [Armory]	unit		4.00	
1200 (13) a.1	ACU Split Type 1 0HP, Inverter, Wall Mounted [NCEBde HQ, King Bee Hive, FPDC, 2NWCB, 3NCEB, Transient Officer Quarters, Motorpool, Mess Hall, Senior Officer Transient, Tactics Office & Laboratory, Service Support Battalion]	l.s.		67.00	
1200 (13) a.2	ACU Split Type 1 5HP, Inverter, Wall Mounted [NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion]	l.s.		13.00	
1200 (13) a.3	ACU Split Type 2 0HP, Inverter, Wall Mounted [NCEBde HQ, Combo Bldg, SAO Bldg, BTDC, FPDC, 2NWCB, 3NCEB, Service Support Company, NCEBde Workshop, Olivia Hall, Service Support Battalion]	l.s.		86.00	
1200 (13) a.4	ACU Split Type 2 5HP, Inverter, Wall Mounted [NCEBde HQ, SAO Bldg, 2NWCB, 3NCEB, Officer's Lounge]	l.s.		30.00	
1200 (13) a.5	Air Conditioning Unit, 2.5HP, 21 960 kJ/hr, 1 800w, 230v, 60hz, Single Phase, Inverter, Split Type, R32, Wall Mounted with remote [King Bee Hive]	l.s.		1.00	
1200 (13) a.7	ACU Split Type Ceiling Cassette 3TR, Ductless [NCEBde HQ, Combo Bldg]	l.s.		7.00	
1200 (13) a.8	Ceiling Cassette Type, 3TR, Inverter, 37,980kJ/hr [Multi-Purpose Hall]	l.s.		6.00	
1200 (13) a.9	ACU Inverter Split-Type Ceiling Cassette, 3.0 TR ACU [Mess Hall]	l.s.		8.00	
1200 (13) a.10	ACU Window Type 0.5HP, Non-Inverter, Wall Mounted [BTDC]	l.s.		1.00	
1200 (13) a.11	ACU Window Type 0.5HP, Inverter, Wall Mounted [NCEBde HQ, SAO Bldg]	l.s.		1.00	

<p>Q26. Quantity for Smoke Detector (Battery Operated 9-33V DC) is 160 SETS in DUPA but 290 SETS in BOQ.</p> <p>Please clarify.</p>	<p>Item 1208 (2) Smoke Detector (Battery Operated 9-33V DC) is 290 sets in quantity, both in the updated BOQ and the updated DCE</p>
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202 (1) a	with accessories and supports: 1. Booster Pump, 1.5HP, 220-240V, Single Phase, 60Hz, max head 90ft, 50gpm, Suction: 1-1/2", Discharge: 1-1/2" w/ controller, 2. Water Storage Tank, 528 gallons, Stainless Steel, Vertical with Stainless Steel Stand, Stainless Steel Accessories, Stainless Steel Airtvent and Float Valve, 3. Pressure Tank: 120 gallons, Stainless Steel, with Tank Tee (Brass) and accessories (valves, pressure gauge and pressure switch) 4. Fire Hose Cabinet with complete Accessories 5. 8. Sprinkler heads rated at 64° C	1.00	ls
202 (6) a1	Fire Extinguisher, ABC with bracket, 10 lbs	270.00	set
	Fire Extinguisher, ABC with bracket, 10 lbs	5.00	set
202 (6) a2	Fire Extinguisher, ABC with bracket, 50 lbs	3.00	set
	Fire Extinguisher, ABC with bracket, 50 lbs	2.00	set
1202 (7)	Dry Stand Pipe 4" dia. Sched. 40 (main feed) with fire hose cabinet on each floor and siamese wye (brass) for fire department connection	1.00	set
	Air Plasmacluster 2 in 1 Air Purifier Dehumidifier Underground Fuel Storage Tank including Manhole, air in accordance with specifications, as shown on approved drawings/ plans (POL Dump A-8)	4.00	unit
206 (1) a		1.00	set
206 (1) b	Fuel Pump/Fuel Dispenser	1.00	set
1208	Fire Alarm System		
1208 (2)	Smoke Detector (Battery Operated 9-33V DC)	160.00	set
1208 (13) a1	Testing and Commissioning	1.00	lot
TOTAL COST - FIRE PROTECTION WORKS			
GRAND TOTAL COST			

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1202 (1) a	Fire Protection System using Black Iron Pipe schedule 40 complete with accessories and supports: 1. Booster Pump, 1.5HP, 220-240V, Single Phase, 60Hz, max head 90ft, 50gpm, Suction: 1-1/2", Discharge: 1-1/2" w/ controller, 2. Water Storage Tank, 528 gallons, Stainless Steel, Vertical with Stainless Steel Stand, Stainless Steel Accessories, Stainless Steel Airtvent and Float Valve, 3. Pressure Tank: 120 gallons, Stainless Steel, with Tank Tee (Brass) and accessories (valves, pressure gauge and pressure switch) 4. Fire Hose Cabinet with complete Accessories 5. 8. Sprinkler heads rated at 64° C (armory)	1.00	ls
1202 (6) a1	Fire Extinguisher, ABC with bracket, 10 lbs	275.00	set
1202 (6) a2	Fire Extinguisher, ABC with bracket, 50 lbs (SAO Bldg. Armory)	5.00	set
1202 (7)	Dry Stand Pipe 4" dia. Sched. 40 (main feed) with fire hose cabinet on each floor and siamese wye (brass) for fire department connection (NCEBde HQ)	1.00	set
1206 (1) a	Underground Fuel Storage Tank including Manhole, oil in accordance with specifications, as shown on approved drawings/ plans (POL Dump A-8)	1.00	set
1206 (1) b	Fuel Pump/Fuel Dispenser (POL Dump)	1.00	set
1208	Fire Alarm System		
1208 (2)	Smoke Detector (Battery Operated 9-33V DC)	290.00	set
1208 (13) a1	Testing and Commissioning (Fire Protection Works)	1.00	lot
TOTAL COST - FIRE PROTECTION WORKS			

<p>Q27. Electrical</p> <p>Item "DOUBLE BANKS" should not be included in DUPA as per Bid Bulletin No. 3 Q13.</p> <p>Please clarify.</p>	<p>Yes. Item No. 1102 (24) - Double Banks, which was reflected in the old BOQ, is not included in the scope of works.</p> <p>Please refer to the updated BOQ and DCE.</p>
<p>Q28. Electrical</p> <p>Kindly clarify the description on Item 1111(11)k.3 in DUPA.</p>	<p>Item No. 1111 (11) k.3 - Service Entrance Layout, 50mm dia with metering (300A) and grounding system [Multi-Purpose Hall] is for the laying of pipe and grounding system for Multi-Purpose Hall.</p>
<p>Q29. Mechanical</p> <p>Please provide the capacity of the fuel tank for POL Dump.</p>	<p>Please refer to the response in Q12.</p>
<p>Q30. Mechanical</p> <p>The quantities in the BOQ and DUPA are different for Item 1002(3) and 1002(3)b. 1002(3) - PVC Pipe (Blue), 15mm DIA 1002(3)b - PVC Pipe (Blue), 25mm DIA.</p> <p>Please clarify.</p>	<p>Please refer to the updated BOQ and DCE.</p>

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
(1)	(2)	(3)	(4)
WATER SYSTEM			
1002	Plumbing Works		
	Hot & Cold Water Line		
	<i>Supply and Installation Pipe and Fittings, including all necessary fixing accessories, all in accordance with the specifications and approved drawings plans</i>		
1002 (1) a	Galvanized Iron Pipe, 1 1/2" dia	30.00	lm
1002 (1) b	Galvanized Iron Pipe, 3/4" dia	12.00	lm
1002 (2) b3	Polypropylene Random Copolymer (PPR-C) Pipe, 25mm dia	20.00	lm
1002 (3)	PVC Pipe (Bases), 15mm dia	1,463.90	lm
1002 (3) a	PVC Pipe (Bases), 20mm dia	36.00	lm
1002 (3) b	PVC Pipe (Bases), 25mm dia	693.20	lm
1002 (28) a1	Gate Valve, 15 mm dia	45.00	ea
1002 (28) a3	Gate Valve, 25 mm dia	24.00	ea
1002 (29) a1	Check Valve, 15mm dia	1.00	ea
1002 (29) a3	Check Valve, 25mm dia	4.00	ea
1002 (23) a	Valve, G I Pipe and fittings and other accessories to complete the system	5.00	set
1002 (23) b	Valve, G I Pipe and fittings and other accessories to complete the system	15.00	set
	Toilet, Bath and Laundry Accessories		
	<i>Supply and installation including fixtures and all necessary items</i>		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT COST (Php.)
PLUMBING AND SANITARY WORKS				
WATER SYSTEM				
1002	Plumbing Works			
	Hot & Cold Water Line			
	<i>Supply and Installation Pipe and Fittings, including all necessary fixing accessories, all in accordance with the specifications and approved drawings plans</i>			
1002 (1) a	Galvanized Iron Pipe, 1 1/2" dia	lm	30.00	
1002 (1) b	Galvanized Iron Pipe, 3/4" dia	lm	12.00	
1002 (2) b3	Polypropylene Random Copolymer (PPR-C) Pipe, 25mm dia	lm	20.00	
1002 (3)	PVC Pipe (Bases), 15mm dia	lm	1,424.90	
1002 (3) a	PVC Pipe (Bases), 20mm dia	lm	36.00	
1002 (3) b	PVC Pipe (Bases), 25mm dia	lm	679.20	
1002 (28) a1	Gate Valve, 15 mm dia	ea	45.00	
1002 (28) a3	Gate Valve, 25 mm dia	ea	24.00	
1002 (29) a1	Check Valve, 15mm dia	ea	1.00	
1002 (29) a3	Check Valve, 25mm dia	ea	4.00	
1002 (23) a	Water Meter Assembly, 20 mm dia, includes Gate Valve, Check Valve, G. Pipe and fittings and other accessories to complete the system (100% POC Delta, Metropolitan Waterworks, Officers Lounge)	set	1.00	
1002 (23) b	Water Meter Assembly, 25 mm dia, includes Gate Valve, Check Valve, G. Pipe and fittings and other accessories to complete the system (100% POC Delta, Metropolitan Waterworks, Officers Lounge)	set	15.00	
	Toilet, Bath and Laundry Accessories			
	<i>Supply and installation including fixtures and all necessary items accessories, all in accordance with the specifications and approved drawings plans</i>			
1002 (3) a	Water Closet, E-empiled, Complete, Tank Type	set	90.00	

<p>Q31. Mechanical</p> <p>The quantities in the BOQ and DUPA are different for Item 1002(20)a1002(20)a - Frameless Toilet Wall Mirror.</p> <p>Please clarify.</p>	<p>Please refer to the updated BOQ and DCE.</p>
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Toilet, Bath and Laundry Accessories			
Supply and installation, including fixtures and all necessary fittings, accessories, all in accordance with the specification and approved standards plans			
1002 (9) b	Water Closet, Elongated, Complete, Tank Type	186.00	set
1002 (9) a	Urinal, Flush Valve, Complete, Push Button Type	61.00	set
1002 (11) a1	Stainless Kitchen Sink, including P-trap, and other accessories	4.00	set
1002 (11) a2	Kitchen Sink (with Left Drain), including P-trap, and other accessories	16.00	set
1002 (11) a3	Kitchen sink, Undermount double bowl with basket strainer and bottle trap (0.23m x 0.45m x 0.90m) with stainless faucet, flexible hose and angle valve	2.00	set
1002 (14) a	Lavatory, Wall Hung, Complete, Manually Operated	52.00	set
1002 (15) a	Lavatory, Counter Top/Under Counter, Complete, Manually Operated	97.00	set
1002 (16) a3	Floor Drain Plates, Stainless, 100 mm dia.	376.00	set
1002 (16) a4	Floor Drain Plates, 150 mm dia.	16.00	set
1002 (17) a	Bidet, Stainless, including all necessary fittings	40.00	set
1002 (18) a	Stainless Steel Grab Bar, 40mm dia.	6.55	1 m
1002 (18) b	Stainless Steel Stud Mount Grab Rail	1.00	set
1002 (19)	Stainless Steel Shower Set	103.00	set
1002 (20) a	Frameless Toilet Wall Mirror	26.96	sq. m.
1002 (20) b	Mirror, frameless, 18" x 23.6"	6.00	set
1002 (21)	Faucet, Stainless Metal	162.00	pcs
1002 (22)	Hose Bibb Assembly, includes G I Pipe & Fittings, Hose Bibb, and other items to complete the works	12.00	set
1002 (28)	Toilet Paper Holder	183.00	set
1002 (43) a	Urinal Partition, 20mm Thick x 450mm W X 1150mm H	8.00	set
1002 (43) b	Urinal Partition, Phenolic board, 0.40m x 1.20m	3.00	set
1002 (46)	Soap Holder, Stainless	164.00	set
1002 (48)	Hydroic Spray	3.00	set
1002 (2) b: <small>Item type of the vehicle accessories that will operate in the system (1) Household, (2) Fuel & Oil, (3) FPOC, SOG, Mus Purpose, (4) SSC, Workshop, Tactics & Laboratory, (5) (6)</small>			
Toilet, Bath and Laundry Accessories			
Supply and installation, including fixtures and all necessary fittings, accessories, all in accordance with the specification and approved standards plans			
1002 (5) a	Water Closet, Elongated, Complete, Tank Type	186.00	set
1002 (9) a	Urinal, Flush Valve, Complete, Push Button Type	61.00	set
1002 (11) a1	Stainless Kitchen Sink, including P-trap, and other accessories	4.00	set
1002 (11) a2	Kitchen Sink (with Left Drain), including P-trap, and other accessories	16.00	set
1002 (11) a3	Kitchen sink, Undermount double bowl with basket strainer and bottle trap (0.23m x 0.45m x 0.90m) with stainless faucet, flexible hose and angle valve	2.00	set
1002 (14) a	Lavatory, Wall Hung, Complete, Manually Operated	52.00	set
1002 (15) a	Lavatory, Counter Top/Under Counter, Complete, Manually Operated	97.00	set
1002 (16) a3	Floor Drain Plates, Stainless, 100 mm dia.	376.00	set
1002 (16) a4	Floor Drain Plates, 150 mm dia.	16.00	set
1002 (17) a	Bidet, Stainless, including all necessary fittings	40.00	set
1002 (18) a	Stainless Steel Grab Bar, 40mm dia.	6.55	1 m
1002 (18) b	Stainless Steel Stud Mount Grab Rail	1.00	set
1002 (19)	Stainless Steel Shower Set	103.00	set
1002 (20) a	Frameless Toilet Wall Mirror	26.96	sq. m.
1002 (20) b	Mirror, frameless, 18" x 23.6"	6.00	set
Construction of SEABEE's (NCEBde) Facilities Planning and Sanitary Works			

Q32. Mechanical

The quantities in the BOQ and DUPA are different for Item 1001(1)a61001(1)a.6 - PVC Pipe (Orange), 75mm DIA.

Please clarify.

Please refer to the updated BOQ and DCE.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
(1)	(2)	(3)	(4)
	STORM DRAINAGE AND SEWERAGE SYSTEM Supply and Installation Pipe and Fittings, Series 1000, including all necessary fittings, accessories, all in accordance with the specifications and approved drawings/ plans		
1001	Storm Drainage System		
1001 (1) a5	PVC Pipe (Orange), 50mm dia	75.60	1 m
1001 (1) a6	PVC Pipe (Orange), 75mm dia	1,600.98	1 m
1001 (1) a7	PVC Pipe (Orange), 100mm dia	916.20	1 m
1001 (1) a8	PVC Pipe (Orange), 150mm dia	884.20	1 m
1001 (5) a	Catch Basin (600 x 600 x 600mm)	307.00	1 m
1001	Sewerage System		
1001 (1) a5	PVC Pipe (Orange), 50mm dia	1,175.00	1 m
1001 (1) a6	PVC Pipe (Orange), 75mm dia	166.00	1 m
1001 (1) a7	PVC Pipe (Orange), 100mm dia	1,551.90	1 m
1001 (1) a8	PVC Pipe (Orange), 150mm dia	220.00	1 m
1001 (1) a	Septic Tank (4970 x 2300 x 1800mm)	2.00	1 s
1001 (1) b	Septic Tank (4800 x 1800 x 1900mm)	1.00	1 s
1001 (1) c	Septic Tank (4800 x 1800 x 1800mm)	3.00	1 s
1001 (1) d	Septic Tank (4780 x 1800 x 2100mm)	11.00	1 s
1001 (1) e	Septic Tank (4780 x 1800 x 1900mm)	1.00	1 s
1001 (1) f	Septic Tank (3660 x 1800 x 2100mm)	1.00	1 s
1001 (1) g	Septic Tank (3300 x 1100 x 1750mm)	1.00	1 s
1001 (1) h	Septic Tank (3100 x 2000 x 1450mm)	2.00	1 s
	STORM DRAINAGE AND SEWERAGE SYSTEM Supply and Installation Pipe and Fittings, Series 1000, including all necessary fittings, accessories, all in accordance with the specifications and approved drawings/ plans		
1001	Storm Drainage System		
1001 (1) a5	PVC Pipe (Orange), 50mm dia	1 m	75.60
1001 (1) a6	PVC Pipe (Orange), 75mm dia	1 m	1,600.98
1001 (1) a7	PVC Pipe (Orange), 100mm dia	1 m	916.20
1001 (1) a8	PVC Pipe (Orange), 150mm dia	1 m	884.20
1001 (5) a	Catch Basin (600 x 600 x 600mm)	307	307.00
1001	Sewerage System		
1001 (1) a5	PVC Pipe (Orange), 50mm dia	1 m	1,175.00
1001 (1) a6	PVC Pipe (Orange), 75mm dia	1 m	166.00
1001 (1) a7	PVC Pipe (Orange), 100mm dia	1 m	1,551.90
1001 (1) a8	PVC Pipe (Orange), 150mm dia	1 m	220.00
1001 (1) a	Septic Tank (4970 x 2300 x 1800mm)	1 s	2.00
1001 (1) b	Septic Tank (4800 x 1800 x 1900mm)	1 s	1.00
1001 (1) c	Septic Tank (4800 x 1800 x 1800mm)	1 s	3.00
1001 (1) d	Septic Tank (4780 x 1800 x 2100mm)	1 s	11.00
1001 (1) e	Septic Tank (4780 x 1800 x 1900mm)	1 s	1.00
1001 (1) f	Septic Tank (3660 x 1800 x 2100mm)	1 s	1.00
1001 (1) g	Septic Tank (3300 x 1100 x 1750mm)	1 s	1.00
1001 (1) h	Septic Tank (3100 x 2000 x 1450mm)	1 s	2.00
Q33. Mechanical	The quantities in the BOQ and DUPA are different for Item 1200(13)a.4 - ACU Split Type 2.5HP, Inverter, Wall Mounted. Please clarify.		
			Please refer to the updated BOQ and DCE.

EM NO.	DESCRIPTION	QUANTITY	UNIT
(1)	(2)	(3)	(4)
PART E MECHANICAL WORKS			
1200	Air Conditioning and Ventilating System Supply, delivery and installation of air conditioning unit, complete with line hardware, safety breaker, accessories and fittings, all in accordance with the specifications, including all necessary works to complete the job, as shown on approved drawings. (NCEB)		
00 (5) a.1	Exhaust Fan, Ceiling Mounted Ceiling Cassette, 900 x 300, 38W	39.00	set
00 (5) a.2	Exhaust Fan 38W 220V	46.00	set
00 (5) a.3	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pascal, 22w, 4" Discharge Duct Size	3.00	set
00 (5) a.4	Duct Fan, 38W 220V	11.00	set
00 (5) a.5	Other Fan 75W 220V	62.00	set
00 (5) a.6	Air Plasmacluster 2 in 1 Air Purifier Dehumidifier	4.00	unit
10 (13) a.1	ACU Split Type 1.5HP, Inverter, Wall Mounted	67.00	1 s.
10 (13) a.2	ACU Split Type 1.5HP, Inverter, Wall Mounted	12.00	1 s.
10 (13) a.3	ACU Split Type 2.5HP, Inverter, Wall Mounted	86.00	1 s.
10 (13) a.4	ACU Split Type 2.5HP, Inverter, Wall Mounted	34.00	1 s.
10 (13) a.5	Air Conditioning Unit, 2.5HP, 21,900 kJ/hr, 1,800w, 230v, 60Hz, Single Phase, Inverter, Split Type, R32, Wall Mounted with remote	1.00	1 s.
10 (13) a.6	2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical line hardware, Safety Breaker, Accessories and Fittings	1.00	1 s.
MECHANICAL WORKS			
1200	Air Conditioning and Ventilating System Supply, delivery and installation of air conditioning unit, complete with mechanical and electrical line hardware, safety breaker, accessories and fittings, all in accordance with the specifications, including all necessary works to complete the job, as shown on approved drawings. (NCEB)		
1200 (3) a.1	Exhaust Fan, Ceiling Mounted Ceiling Cassette, 330 x 300, 38W (NCEBde HQ, Multi-Purpose Hall, Service Support Company, OBAA Hall, Training Office & Laboratory, Service Support Battalion)	set	39.00
1200 (5) a.2	Exhaust Fan 38W 220V (King Bee Hive, SAC Bldg, FPDC, Army, Senior Officer Quarters)	set	46.00
1200 (5) a.3	Bathroom Exhaust Fan, Ceiling Cassette, 77CFM, 140Pascal, 22w, 4" Discharge Duct Size (NCEBde Workarea)	set	3.00
1200 (5) a.4	Duct Fan, 38W 220V (Combo Bldg, 2NWCB, 2NCEB)	set	11.00
1200 (5) a.5	Other Fan 75W 220V (Tactical Office & Laboratory)	set	62.00
1200 (5) a.6	Air Plasmacluster 2 in 1 Air Purifier Dehumidifier (Army)	unit	4.00
1200 (13) a.1	ACU Split Type 1.5HP, Inverter, Wall Mounted (NCEBde HQ, King Bee Hive, FPDC, 2NWCB, 2NCEB, Transport Officer Quarters, Mosquito, Mess Hall, Senior Officer Transport, Tactical Office & Laboratory, Service Support Battalion)	1 s.	67.00
1200 (13) a.2	ACU Split Type 1.5HP, Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion)	1 s.	12.00
1200 (13) a.3	ACU Split Type 2.5HP, Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, SAC Bldg, BTDC, FPDC, 2NWCB, 2NCEB, Service Support Company, NCEBde Workshop, Obata Hall, Service Support Battalion)	1 s.	86.00
1200 (13) a.4	ACU Split Type 2.5HP, Inverter, Wall Mounted (NCEBde HQ, SAC Bldg, 2NWCB, 2NCEB, Officer's Lounge)	1 s.	34.00
1200 (13) a.5	Air Conditioning Unit, 2.5HP, 21,900 kJ/hr, 1,800w, 230v, 60Hz, Single Phase, Inverter, Split Type, R32, Wall Mounted with remote (King Bee Hive)	1 s.	1.00
Q34. Mechanical			
Item 1200(13)a. - 2.5HP Air Conditioning Unit, Complete w/ Mechanical and Electrical Line Hardware, Safety Breaker, Accessories and Fittings is reflected in DUPA but not in BOQ.		Please refer to the updated BOQ and DCE.	
Please clarify.			

1200 (5) a.2	Exhaust Fan 33W 220v		48.00
1200 (5) a.3	Bathroom Exhaust Fan Ceiling Cassete 77CFM 140Pascal 32w 4" Discharge Duct Size		3.00
1200 (5) a.4	Duct Fan 33W 220v		11.00
1200 (5) a.5	Orbit Fan 75W 220v		62.00
1200 (5) a.6	Air Plasmacuster 2 in 1 Air Purifier Dehumidifier		4.00
1200 (13) a.1	ACU Split Type 1 0HP Inverter Wall Mounted		67.00
1200 (13) a.2	ACU Split Type 1 0HP Inverter Wall Mounted		13.00
1200 (13) a.3	ACU Split Type 2 0HP Inverter Wall Mounted		88.00
1200 (13) a.4	ACU Split Type 2 0HP Inverter Wall Mounted		34.00
1200 (13) a.5	Air Conditioning Unit 2 GHP 21 960 kJ/hr 1 800w 230v 60Hz Single Phase Inverter Split Type R32, Wall Mounted with remote		1.00
1200 (13) a.6	2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical Line Hardware, Safety Breaker, Accessories and Fittings		1.00
1200 (13) a.7	ACU Split Type Ceiling Cassete 3TR, Ductless		7.00
1200 (13) a.8	Ceiling Cassete Type 3TR Inverter 37 960kJ/h		6.00
1200 (13) a.9	ACU Inverter Split Type Ceiling Cassete 3.0 TR ACU		8.00
1200 (13) a.10	ACU Window Type 0.5HP Non-Inverter Wall Mounted		1.00
1200 (13) a.11	ACU Window Type 0.5 HP Inverter Wall Mounted		8.00
1200 (13) b	FCU Split Type 1 0HP Inverter Wall Mounted with ACQU		6.00
1200 (14)	Industrial Fan 150w 24" Blade Dia. 4 Stainless Steel Blade w/ Aluminum Cap 11 100 CMH Metal Frame Wall Mounted		29.00
1200 (15) a.1	Testing and Commissioning		1.00
TOTAL COST - MECHANICAL WORKS			

1200 (5) a.4	Duct Fan 33W 220v [Combo Bldg 2NWCB, 3NCEB]	541	11.00
1200 (5) a.5	Orbit Fan 75W 220v [Tactics Office & Laboratory]	961	62.00
1200 (5) a.6	Air Plasmacuster 2 in 1 Air Purifier Dehumidifier [Armony]	401	4.00
1200 (13) a.1	ACU Split Type 1 0HP Inverter Wall Mounted [NCEBde HQ, King Bee Hive, FPDC 2NWCB, 3NCEB, Transition Officer Quarters, Mess-Hall, Senior Officer Transient, Tactics Office & Laboratory, Service Support Battalion]	15	67.00
1200 (13) a.2	ACU Split Type 1 0HP Inverter Wall Mounted [NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion]	15	13.00
1200 (13) a.3	ACU Split Type 2 0HP Inverter Wall Mounted [NCEBde HQ, Combo Bldg, SAO Bldg, BTDC, FPDC, 2NWCB, 3NCEB, Service Support Company, NCEBde Workshop, Olevs Hall, Service Support Battalion]	15	88.00
1200 (13) a.4	ACU Split Type 2 0HP Inverter Wall Mounted [NCEBde HQ, SAO Bldg, 2NWCB, 3NCEB, Officer's Lounge]	15	30.00
1200 (13) a.5	Air Conditioning Unit 2.5HP 21 960 kJ/hr 1 800w 230v 60Hz Single Phase Inverter Split Type R32, Wall Mounted with remote (King Bee Hive)	15	1.00
1200 (13) a.7	ACU Split Type Ceiling Cassete 3TR, Ductless [NCEBde HQ, Combo Bldg]	14	7.00
1200 (13) a.8	Ceiling Cassete Type 3TR Inverter 37 960kJ/h [Multi Purpose Hall]	15	6.00
1200 (13) a.9	ACU Inverter Split Type Ceiling Cassete 3.0 TR ACU [Mess Hall]	15	8.00
1200 (13) a.10	ACU Window Type 0.5HP Non-Inverter Wall Mounted [BTDC]	15	1.00
1200 (13) a.11	ACU Window Type 0.5 HP Inverter Wall Mounted [2NWCB, 3NCEB]	15	8.00
1200 (13) b	FCU Split Type 1 0HP Inverter Wall Mounted with ACQU [Armony]	15	6.00
1200 (14)	Industrial Fan 150w 24" Blade Dia. 4 Stainless Steel Blade w/ Aluminum Cap 11 100 CMH Metal Frame Wall Mounted [Service Support Company, NCEBde Workshop]	15	29.00
1200 (15) a.1	Testing and Commissioning	101	1.00

Q35. Mechanical

It is stated in Bid Bulletin No. 3, Q65, Item 1200(13)a.7 - ACU Split Type Ceiling Cassete 3TR, Ductless. should be one unit of ACU Split Type, Wall Mounted for Combo Building. However, in the BOQ, the quantity for the mentioned item is still 7 units.

Please clarify.

Please refer to the updated BOQ and DCE.

Room																																																													
Q64. There is no Schedule of Doors and Windows for Seabees Motor Pool.	Please refer to Annex F of this Bid Bulletin.																																																												
Q65. Bill of Quantities (BOQ) ME 1200 (13) a.7. 1200 (13) a.8. 1200 (13) a.9/Drawings, page 26 What is the difference between these items in the BOQ: 1200 (13) a.7 - 7 units ACU Split Type Ceiling Cassette 3TR, Ductless 1200 (13) a.8 - 6 units Ceiling Cassette Type, 3TR, Inverter, 37,980 kJ/h 1200 (13) a.9 - 8 units ACU Inverter Split-Type Ceiling Cassette, 3.0 TR ACU As per Drawings, we can only locate 8 sets of 3TR ACU/FCU ceiling cassette at Mess Hall and 1 set of Wall mounted 3TR ACU/FCU at	For 1200(13) a.7, one (1) unit should be ACU split type, Wall Mounted (for Combo Building) For Item 1200 (13) a.7, 1200 (13) a.8, and 1200 (13) a.9, these are the same type: ACU Inverter Split-Type Ceiling Cassette, 3.0 TR ACU, 37,980 kJ/h. The allocation for the AC unit is as follows: <ul style="list-style-type: none"> 6 units for NCEBde Headquarters 5 units for Multi-Purpose Hall 8 units for Messhall 																																																												
<table border="1"> <tbody> <tr> <td>1200 (5) a.4</td> <td>Desk Fan, 23W 220V (Combo Bldg. 2NWCB, 2NCEB)</td> <td>set</td> <td>11.00</td> </tr> <tr> <td>1200 (5) a.5</td> <td>Desk Fan 20W 220V (Tactics Office & Laboratory)</td> <td>set</td> <td>40.00</td> </tr> <tr> <td>1200 (5) a.6</td> <td>Air Preconditioning Unit 1 Air Purifier (Detachable Section) ACU Split Type 1 6HP Inverter, Wall Mounted (NCEBde HQ, King Bee Hw, FPDC, 2NWCB, 2NCEB, Transfer Officer Quarters, Mess Hall, Senior Officer Transfers, Tactics Office & Laboratory, Service Support Battalion)</td> <td>unit</td> <td>4.00</td> </tr> <tr> <td>1200 (13) a.1</td> <td>ACU Split Type 1 6HP Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion)</td> <td>unit</td> <td>67.00</td> </tr> <tr> <td>1200 (13) a.2</td> <td>ACU Split Type 2 6HP Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, SAO Bldg, BTDC, FPDC, 2NWCB, 2NCEB, Service Support Company, NCEBde Workshop, Omega Hall, Service Support Battalion)</td> <td>unit</td> <td>13.00</td> </tr> <tr> <td>1200 (13) a.3</td> <td>ACU Split Type 2 6HP Inverter, Wall Mounted (NCEBde HQ, SAO Bldg, 2NWCB, 2NCEB, Officer's Lounge)</td> <td>unit</td> <td>86.00</td> </tr> <tr> <td>1200 (13) a.4</td> <td>Air Conditioning Unit 2 2HP, 21,950 kJ/h, 1,800W, 230V, 50Hz, Single Phase, Inverter Split Type, F32, Wall Mounted with remote (King Bee Hw)</td> <td>unit</td> <td>30.00</td> </tr> <tr> <td>1200 (13) a.5</td> <td>ACU Split Type Ceiling Cassette 3TR, Ductless (NCEBde HQ, Combo Bldg)</td> <td>unit</td> <td>7.00</td> </tr> <tr> <td>1200 (13) a.8</td> <td>Ceiling Cassette Type 3TR, Inverter, 37,980kJ/h (Multi Purpose Hall)</td> <td>unit</td> <td>6.00</td> </tr> <tr> <td>1200 (13) a.9</td> <td>ACU Inverter Split Type Ceiling Cassette, 3.0 TR ACU (Mess Hall)</td> <td>unit</td> <td>9.00</td> </tr> <tr> <td>1200 (13) a.10</td> <td>ACU Window Type C 5HP, Fan-Inverter, Wall Mounted (BTDC)</td> <td>unit</td> <td>1.00</td> </tr> <tr> <td>1200 (13) a.11</td> <td>ACU Window Type C 5 HP Inverter, Wall Mounted (2NWCB, 2NCEB)</td> <td>unit</td> <td>4.00</td> </tr> <tr> <td>1200 (13) b</td> <td>FCU Split Type 1 5HP Inverter, Wall Mounted with ACU (primary)</td> <td>unit</td> <td>6.00</td> </tr> <tr> <td>1200 (14)</td> <td>Industrial Fan 150w, 24" Blade Dia, 4 Stainless Steel Blade w/ Aluminum Cap 11 100 CMH Metal Frame, Wall Mounted (Service Support Company, NCEBde Workshop)</td> <td>unit</td> <td>29.00</td> </tr> <tr> <td>1200 (15) a1</td> <td>Testing and Commissioning</td> <td>unit</td> <td>1.00</td> </tr> </tbody> </table>	1200 (5) a.4	Desk Fan, 23W 220V (Combo Bldg. 2NWCB, 2NCEB)	set	11.00	1200 (5) a.5	Desk Fan 20W 220V (Tactics Office & Laboratory)	set	40.00	1200 (5) a.6	Air Preconditioning Unit 1 Air Purifier (Detachable Section) ACU Split Type 1 6HP Inverter, Wall Mounted (NCEBde HQ, King Bee Hw, FPDC, 2NWCB, 2NCEB, Transfer Officer Quarters, Mess Hall, Senior Officer Transfers, Tactics Office & Laboratory, Service Support Battalion)	unit	4.00	1200 (13) a.1	ACU Split Type 1 6HP Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, BTDC, FPDC, Service Support Battalion)	unit	67.00	1200 (13) a.2	ACU Split Type 2 6HP Inverter, Wall Mounted (NCEBde HQ, Combo Bldg, SAO Bldg, BTDC, FPDC, 2NWCB, 2NCEB, Service Support Company, NCEBde Workshop, Omega Hall, Service Support Battalion)	unit	13.00	1200 (13) a.3	ACU Split Type 2 6HP Inverter, Wall Mounted (NCEBde HQ, SAO Bldg, 2NWCB, 2NCEB, Officer's Lounge)	unit	86.00	1200 (13) a.4	Air Conditioning Unit 2 2HP, 21,950 kJ/h, 1,800W, 230V, 50Hz, Single Phase, Inverter Split Type, F32, Wall Mounted with remote (King Bee Hw)	unit	30.00	1200 (13) a.5	ACU Split Type Ceiling Cassette 3TR, Ductless (NCEBde HQ, Combo Bldg)	unit	7.00	1200 (13) a.8	Ceiling Cassette Type 3TR, Inverter, 37,980kJ/h (Multi Purpose Hall)	unit	6.00	1200 (13) a.9	ACU Inverter Split Type Ceiling Cassette, 3.0 TR ACU (Mess Hall)	unit	9.00	1200 (13) a.10	ACU Window Type C 5HP, Fan-Inverter, Wall Mounted (BTDC)	unit	1.00	1200 (13) a.11	ACU Window Type C 5 HP Inverter, Wall Mounted (2NWCB, 2NCEB)	unit	4.00	1200 (13) b	FCU Split Type 1 5HP Inverter, Wall Mounted with ACU (primary)	unit	6.00	1200 (14)	Industrial Fan 150w, 24" Blade Dia, 4 Stainless Steel Blade w/ Aluminum Cap 11 100 CMH Metal Frame, Wall Mounted (Service Support Company, NCEBde Workshop)	unit	29.00	1200 (15) a1	Testing and Commissioning	unit	1.00	
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Q36. Request for extension Due to voluminous documents to assess per Bid Bulletin No. 3, we have to verify the changes and review the additional reference drawings, technical specifications and bill of quantities to ensure the accuracy of our submission. Therefore, we humbly request for a time extension for the submission of our bid proposal up to October 20, 2023 at 9am for us to submit a responsive and competitive bid.	Please refer to Bid Bulletin No. 4 for the revised bidding schedule.																																																												
Q37. These items are not included in the updated bill of quantities.																																																													

<p>We would like to clarify if we will edit the updated bill of quantities and input the following items mentioned below.</p> <p>a. 1102 (24) Double banks (Training Laboratory) - Electrical Works.</p> <table border="1" data-bbox="256 504 874 537"> <tr> <td>1102 (24)</td> <td>Double banks (Training Laboratory)</td> <td>76.00</td> <td>unit</td> </tr> </table>	1102 (24)	Double banks (Training Laboratory)	76.00	unit	<p>Please refer to the updated BOQ and DCE.</p> <p>Bidders must only edit the Unit Cost and the Total Cost in the BOQ. Any other modifications shall be grounds for disqualification.</p>
1102 (24)	Double banks (Training Laboratory)	76.00	unit		
<p>Q38. These items are not included in the updated bill of quantities.</p> <p>We would like to clarify if we will edit the updated bill of quantities and input the following items mentioned below.</p> <p>b. 1200(13)a.6 2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical Line Hardwares, Safety Breaker, Accessories and Fittings-Mechanical Works.</p> <table border="1" data-bbox="256 1070 874 1120"> <tr> <td>1200 (13) a.6</td> <td>2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical Line Hardwares, Safety Breaker, Accessories and Fittings</td> <td>1.00</td> <td>1*</td> </tr> </table>	1200 (13) a.6	2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical Line Hardwares, Safety Breaker, Accessories and Fittings	1.00	1*	<p>Please refer to the updated BOQ and DCE.</p> <p>Bidders must only edit the Unit Cost and the Total Cost in the BOQ. Any other modifications shall be grounds for disqualification.</p>
1200 (13) a.6	2.5 HP Air Conditioning Unit, Complete w/ mechanical and electrical Line Hardwares, Safety Breaker, Accessories and Fittings	1.00	1*		

All other provisions and statements in the Bidding Documents or previous Supplemental/Bid Bulletin/s that are inconsistent with this Bid Bulletin are deemed amended or modified.

Issued on **12 October 2023**.

BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE (BAC-I)

GI SELA Z. KALALO
Chairperson

