

**BID BULLETIN NO. 05**

31 March 2023

I. Attention is hereby invited to the Bidders of **EXPANSION OF PASSENGER TERMINAL BUILDING AT DAVAO INTERNATIONAL AIRPORT.**

II. Please be informed of the following issues/clarifications:

Issues/Queries	Clarification/s
<i>In the issued "DETAILED BREAKDOWN OF COMPONENT OF EACH ITEM", there is a Section 2100: Structural Concrete Work for Building Works (Retaining Wall), included under of Section Series 1000 - GENERAL REQUIREMENTS AND CIVIL WORKS. (See below)</i>	

SECTION 1700 : MISCELLANEOUS WORKS			
410(1)	Curb and Gutter	281.00	l.m
410(3)	Walkways, 100 mm thick	265.00	sq.m.
SUB - TOTAL			
SECTION 2100: STRUCTURAL CONCRETE WORK FOR BUILDING WORKS			
Retaining Wall			
220(1.1)	Structural Concrete, 28 Mpa	453.00	cu.m.
220(2)a	Reinforcing Bars, Grade 40	8,902.00	kg.
220(2)b	Reinforcing Bars, Grade 60	29,500.00	kg.
SUB - TOTAL			
TOTAL OF PART SECTION 1000 - GENERAL REQUIREMENTS AND CIVIL WORKS			

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Clarification:

SECTION 1700	MISCELLANEOUS WORKS	1.00	lot		
	Pesos _____, Amount in Words				
	_____ and _____				
	_____ centavos				
SECTION SERIES 2000 : STRUCTURAL					
SECTION 2100	STRUCTURAL CONCRETE WORK FOR BUILDING WORKS	1.00	lot		
	Pesos _____, Amount in Words				
	_____ and _____				
	_____ centavos				

Note that Section 2100: Structural Concrete Work for Building Works (In situ Concrete / Steel Reinforcement / Formworks and Scaffoldings) is included under SECTION SERIES 2000 - STRUCTURAL

Please see Section VIII. Bill of Quantities  
Section 2100: Structural Concrete Work for Building Works is included.

(continuation of bid bulletin no.4)

Issues/Queries	Clarification/s								
<p>In the issued "Bill of Quantities", there is a SECTION 3500: METALWORK.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">SECTION 3500</th> <th style="width: 45%;">METALWORK</th> <th style="width: 15%;">1.00</th> <th style="width: 25%;">lot</th> </tr> </thead> <tbody> <tr> <td></td> <td> <div style="display: flex; justify-content: space-between;"> <span>Pesos _____</span> <span>Amount in Words _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>and _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>centavos _____</span> </div> </td> <td></td> <td></td> </tr> </tbody> </table>	SECTION 3500	METALWORK	1.00	lot		<div style="display: flex; justify-content: space-between;"> <span>Pesos _____</span> <span>Amount in Words _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>and _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>centavos _____</span> </div>		
SECTION 3500	METALWORK	1.00	lot						
	<div style="display: flex; justify-content: space-between;"> <span>Pesos _____</span> <span>Amount in Words _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>and _____</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>_____</span> <span>centavos _____</span> </div>								
<p>However in the issued "DETAILED BREAKDOWN OF COMPONENT OF EACH ITEM", there is no breakdown of Section 3500 - Metalwork after SECTION 3400 - Doors and Windows</p>	<p style="text-align: right;"><b>Clarification:</b></p> <p>Please insert Section 3500: Metal Works on the Detailed Breakdown after Section 3400: Doors and Windows as shown below:</p>								

ITEM NO.	DESCRIPTION OF WORK	QUANTITY	UNIT	Wt.%
4.43	(LW 6) 4450mm x 2900mm rectangular-shaped 50mm x 150mm TUBULAR STEEL FRAME WITH 50mm x 75mm STEEL LOUVERS IN EPOXY POLYESTER-BAKED PAINT FINISH complete with necessary accessories/miscellaneous items.	2.00	set/s	
<b>SUB - TOTAL</b>				
<b>SECTION 3500: METALWORK</b>				
Metalworks complete with necessary accessories/miscellaneous items				
2.4.1	(W9) 50MM Ø STAINLESS STEEL TROLLEY GUARD (GRADE 304)	303.00	l.m.	
2.4.2	STAINLESS STEEL RAILINGS FOR STAIRS 1 & 2 WITH BRACING/SUPPORTS	34.00	l.m.	
2.4.3	STAINLESS STEEL RAILINGS FOR GLASS RAILING WITH BRACING/SUPPORTS (with 12mm thk, Tempered Glass , area=93 sq.m.)	93.00	l.m.	
<b>SUB - TOTAL</b>				
<b>SECTION 3600: WOODWORK AND PARTITIONS</b>				
3.1	(TS.1) PHENOLIC PARTITION, COMPLETE WITH DOOR, POWDER-COATED BLACK ACCESSORIES / MISCELLANEOUS - FOR TOILET	31.00	cubicle	
3.2	(TS.2) PHENOLIC PARTITION, COMPLETE WITH POWDER-COATED BLACK ACCESSORIES / MISCELLANEOUS - FOR URINAL	33.00	each	



(continuation of bid bulletin no.4)

### Issues/Queries

With regard to SECTION 4100: VENTILATION AND AIR CONDITIONING SYSTEM; items 3.1.1, 5.1.3 & 5.1.5, please provide the complete description as some texts are not visible (hidden inside the cell).

SECTION 4100 : VENTILATION AND AIR CONDITIONING SYSTEM	
3.0	AIR CONDITIONING EQUIPMENT
	AIR COOLED CHILLER (Incl. Pump, Fitting, valves, thermometer and other accessories to complete the works)
3.1.1	WATER CHILLER, CAPACITY: 200 TR, RATING: 235 KW, 134A, ←
3.1.2	CHILLER WATER PUMP, 30LPS, 250KPa, 30HP, 400V, 3PH, 60HZ ←

5.0	VENTILATION EQUIPMENTS
5.0	VENTILATION EQUIPMENTS
5.1.1	CEILING CASSETTE TYPE EXHAUST FAN, 50 LPS, 230V, 60Hz
5.1.2	CENT. TYPE EXHAUST FAN SWSI, 4300 LPS, 5KW, 230V, 60Hz
5.1.3	CEILING CASSETTE-TYPE EXHAUST FAN, 120 LPS, 0.5kw, 869 ←
5.1.4	TUBE AXIAL FAN, 3780 LPS, 5KW, 230V, 60Hz ←
5.1.5	CENT. TYPE EXHAUST FAN SWSI, 7000 LPS, 300Pa, 400V, ←
5.2	Consumables, Hangers & Supports

### Clarification/s

SUB - TOTAL	
TOTAL OF PART SECTION 3000 -ARCHITECTURAL WORKS	
SECTION SERIES 4000 : MECHANICAL AND FIRE PROTECTION	
SECTION 4100 : VENTILATION AND AIR CONDITIONING SYSTEM	
3.0	AIR CONDITIONING EQUIPMENT
	AIR COOLED CHILLER (Incl. Pump, Fitting, valves, thermometer and other accessories to complete the works)
3.1.1	WATER CHILLER, CAPACITY: 200 TR, RATING: 235 KW, 134A, 400V, 60HZ ←
3.1.2	CHILLER WATER PUMP, 30LPS, 250KPa, 30HP, 400V, 3PH, 60HZ ←
	AIR HANDLING UNITS (including Accessories to complete the works)
3.2.1	AHU, 55 TR CAPACITY, 10HP, 400V, 60Hz

SUB - TOTAL	
5.0	VENTILATION EQUIPMENTS
5.0	VENTILATION EQUIPMENTS
5.1.1	CEILING CASSETTE TYPE EXHAUST FAN, 50 LPS, 230V, 60Hz 12.00
5.1.2	CENT. TYPE EXHAUST FAN SWSI, 4300 LPS, 5KW, 230V, 60Hz 1.00
5.1.3	CEILING CASSETTE-TYPE EXHAUST FAN, 120 LPS, 0.5kw, 869 230V, 60Hz 2.00 ←
5.1.4	TUBE AXIAL FAN, 3780 LPS, 5KW, 230V, 60Hz 1.00
5.1.5	CENT. TYPE EXHAUST FAN SWSI, 7000 LPS, 300Pa, 400V, 60Hz 2.00 ←
5.2	Consumables, Hangers & Supports 1.00

With regard to SECTION 7300: PUBLIC ADDRESS SYSTEM; item 6.5.1, please provide the complete description as some texts are not visible (hidden inside the cell).

SECTION 7300 : PUBLIC ADDRESS SYSTEM	
6.5.1	Public address system complete installation and deliveries including complete accessories, cables, racks, conduits, testing, warranty and other miscellaneous item to complete the work:  LCD desktop call station - 5.00 pc Call station extension - 3.00 pc Fireman's Microphone - 1.00 pc Ceiling loudspeaker - 96.00 pc Metal fire dome - 96.00 pc Horn loudspeaker - 3.00 pc Cabinet loudspeaker, outdoor - 1.00 pc Cabinet loudspeaker, indoor - 17.00 pc End of line - 8.00 pc DSP matrix 24x24 channels - 1.00 set Ambient noise sensor - 4.00 pc Column loudspeaker - 11.00 pc BGM source - 1.00 pc Battery - 1.00 pc Telecom cabinet - 1.00 lot Spares - 1.00 lot Roughing-ins, accessories, connectors and ancillaries - 1.00 lot 16 AWG, 2 CONDUCTORS, WHITE JACKET, 500FT BOX. Premium 16 gauge speaker cable, featuring 65 strand OFC conductors and a super-luxe outer jacket. Built to  SUB - TOTAL TOTAL OF PART SECTION 7300-PUBLIC ADDRESS SYSTEM

TOTAL A + B		
C. OUTPUT	1.00	qty./lot
D. UNIT COST (EQUIPMENT & LABOR)=(A+B)/C		
E. MATERIALS		
LCD desktop call station	5.00	pc
Call station extension	3.00	pc
Fireman's Microphone	1.00	pc
Ceiling loudspeaker	96.00	pc
Metal fire dome	96.00	pc
Horn loudspeaker	3.00	pc
Cabinet loudspeaker, outdoor	1.00	pc
Cabinet loudspeaker, indoor	17.00	pc
End of line	8.00	pc
DSP matrix 24x24 channels	1.00	set
Ambient noise sensor	4.00	pc
Column loudspeaker	11.00	pc
BGM source	1.00	pc
Battery	1.00	pc
Telecom cabinet	1.00	lot
Spares	1.00	lot
Roughing-ins, accessories, connectors and ancillaries	1.00	lot
16 AWG, 2 CONDUCTORS, WHITE JACKET, 500FT BOX. Premium 16 gauge speaker cable, featuring 65 strand OFC conductors and a super-luxe outer jacket. Built to exacting standards with zero compromises.	5,000.00	m

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(continuation of bid bulletin no.4)

Issues/Queries	Clarification/s				
<p>Please confirm if your responses for the following items as per the issued Bid Bulletin No. 7 dated September 5, 2022 of the same Bid (22-003-06 Charlie) are still valid:</p> <p>a. <b>Section 8200: Baggage Handling System</b> – Hardware and Software included under Special Equipment</p> <p>b. <b>Section 6900: Flight Information Display System</b> – The FIDS is Hardware Only. FIDS software shall come from the existing FIDS system. This must be coordinated with the existing FIDS supplier of DIA.</p> <p>c. <b>Section 8300: Airport Security and Safety System</b> E. Materials <b>Self Service Check In Kiosk</b> – Hardware including commissioning and testing to complete work under Special Equipment. Network cable is included under telecommunication.</p> <p><i>Reference: Bid Bulletin No. 7 dated September 5, 2022 (22-033-06 Charlie)</i></p>	<p>Previous responses to the queries as per Bid Bulletin No. 7 from the 1<sup>st</sup> failed bidding is still valid.</p>				
<p>Please confirm if your responses to the issued Bid Bulletin No. 9 dated September 14, 2022 of the same Bid (22-003-06 Charlie) are still valid.</p> <p><i>Reference: Bid Bulletin No. 9 dated September 14, 2022 (22-033-06 Charle)</i></p>	<p>Previous responses to the queries as per Bid Bulletin No. 7 from the 1<sup>st</sup> failed bidding is still valid.</p>				
<p>In the issued Unit Price Analysis for Item No. 280 (2) - PCCP (250mm thk) under "E. Materials", please confirm that the unit for M195 - RMC, 3500psi is "cu.m." and not "lit."</p>	<table border="1"><tr><td>M195</td><td>Rmc, 3500 psi @ 28 days c. Period, 1" (ORDINARY) CLASS"A"</td><td>0.25</td><td>lit.</td></tr></table> <p>Unit that will be used for the M195 - RMC, 3500psi is "cu.m."</p>	M195	Rmc, 3500 psi @ 28 days c. Period, 1" (ORDINARY) CLASS"A"	0.25	lit.
M195	Rmc, 3500 psi @ 28 days c. Period, 1" (ORDINARY) CLASS"A"	0.25	lit.		

Issues/Queries	Clarification/s				
<p>In the issued Unit Price Analysis for SECTION 2300: MASONRY WORKS, ITEM NO. 1.0 under "E. Materials", please confirm that the unit for 6" thick CHB (Non-Load Bearing) is "pcs" and not "sq.m"</p>					
	<table border="1"> <tr> <td data-bbox="802 483 930 630">6" thick CHB (Non-Load Bearing)</td><td data-bbox="930 483 1026 630">12.50</td><td data-bbox="1026 483 1477 630">sq.m.</td></tr> </table>		6" thick CHB (Non-Load Bearing)	12.50	sq.m.
6" thick CHB (Non-Load Bearing)	12.50	sq.m.			
<p>Unit that will be used for the 6" thick CHB (Non-Load Bearing) is "pcs"</p>					
<p>For FACP Panel it requires 6 loops however there are only 149 addressable points. Does the remaining slot are provision only for expansion?</p> <p><i>Reference: Section 7600, Item 6.8.1</i></p>	<p>Yes. The remaining slots are provision only in case of future expansion.</p>				
<p>For FDAS System can you please identify the interfacing of supervised output module in the plan?</p> <p><i>Reference: Section 7600, Item 6.8.1</i></p>	<p>The output modules are interfaced with other output devices such as sounders and fire alarm horn w/ strobe. The interfacing may also vary depending on your proposed system requirements.</p>				
<p>For FDAS System can you please identify the interfacing of dual relay module in the plan?</p> <p><i>Reference: Section 7600, Item 6.8.1</i></p>	<p>The dual relay modules are not reflected in the plans. However, you may refer to the Schematic Diagram (FDAS) Sheet No. TC-7200-04C instead for the interfacing.</p>				
<p>For FDAS System can you please identify the interfacing of dual input module in the plan?</p> <p><i>Reference: Section 7600, Item 6.8.1</i></p>	<p>The input modules are interfaced with other input devices such as manual call point and smoke/heat detectors. The interfacing may also vary depending on your proposed system requirements.</p>				
<p>Please confirm if Furniture IF-7 Office Waiting Chair is included in the scope of works. There is no line item in the issued BOQ</p> <p><i>Reference: Plans A-3200-26, A-3200-27, A-3200-28</i></p>	<p>IF-7 Office Waiting chair is <b>not</b> included in the BOQ, Detailed Breakdown, and Scope of Work under section 3800 - Miscellaneous/Fittings/Furniture.</p>				



Issues/Queries	Clarification/s
<p>On the previous ITB (Bid No. 22-003-06 Charlie) issued Bid Bulletin # 8 (dated 12 September 2022), Special Equipment Series 8000 for Self Service Check-in System page 13, the stated model is V3 Ultra sim, which is an Embross product. Is it allowed when we propose on a different brand? If this is not permitted, do you have any local suppliers or contacts for the aforementioned brand or model?</p> <p><i>Reference: (Bid No. 22-003-06 Charlie) Bid Bulletin # 8 (dated 12 September 2022), Special Equipment Series 8000 for Self Service Check-in System page 13</i></p>	<p>Please disregard the brand and the model stated in the Technical Specifications for the Self Service Check In System. Hence, you may propose different brand/model provided that it meets the following minimum requirements:</p> <ul style="list-style-type: none"><li>a. Touchscreen LED monitor</li><li>b. CPU with licensed Common Use Self Service (CUSS) software</li><li>c. can accommodate multiple airlines (Min. of 2)</li><li>d. Passport, Bar code &amp; NFC/RFID Reader</li><li>e. Boarding pass, Bag tag &amp; receipt printer</li><li>f. Network: LAN, Wi-Fi or 3G/4G optional</li></ul>

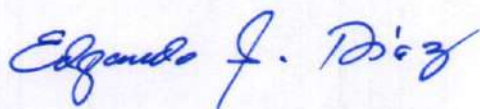
III. Due to the voluminous quantity of attachments for this bid bulletin, interested bidders may secure the electronic copies at this link.

<https://drive.google.com/drive/folders/1kir5uDbCO5iigS23tiJnWCdJyD6qfi6m?usp=sharing>

For more information and clarification, you may call the BAC Office at (02)7944-2358 or email at [bac@caap.gov.ph](mailto:bac@caap.gov.ph)

This Bid Bulletin should be included in the Technical Requirements and be marked accordingly. This serves as an integral part of the bidding documents of the project and non-inclusion of this Bid Bulletin in the Technical Requirements will constitute disqualification. Bidders are not required to include the sub attachments of the provided Bid Bulletins.

For the information and guidance of all concerned.



**CAPTAIN EDGARDO G. DIAZ**

*Chairperson, Bids and Awards Committee*

