



General Bid Bulletin No. 5
23 June 2022

OCB No. 22-003-5

Design and Build Contract for the Davao High Priority Bus System (HPBS)
Project - Contract No. 04 Sasa Depot and Sto. Nino Depot

TO ALL PROSPECTIVE BIDDERS:

This General Bid Bulletin is issued to amend or clarify certain provisions in the Bidding Documents for the above-mentioned project. Please refer to the details below duly approved by the End-user and Co-Implementer:

1. **Annex "A"**- Davao High Priority Bus System (HPBS) Contract Package (CP) 04 - Civil Works Responses to Requests for Clarification (RfC) Batch 3.

For your information and guidance.

For the Bids and Awards Committee V,

SIGNATURE REDACTED

JULIUS M. SANTOS
Chairperson

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

**Davao High Priority Bus System (HPBS)
Contract Package (CP) 04 - Civil Works
Responses to Requests for Clarification (RFC) Batch 3**

Item No.	Volume and Section No.	Page No.	Clause Number and Title	Reference Text (if necessary)	Clarification Request	Final Response
6	Vol. 2 Reference Drawings: Architect	Drawing No: IPIF3 /HPB S/RD /STO /D/A 10/3 02	Sto. Nino E-Bus Layout		<p>May we clarify if the flood mitigation structure to be designed and built for the creek is part of the scope of the project? If yes a. May we request for a hydrologic survey of the creek. b. The boundary or limitation up to which portion of the creek we have to build a flood mitigation structure c. History of flooding and water elevation when it occurs relative the creek bed.</p>	<p>The Contractor is required to design and construct the Works without affecting the existing creek and the existing embankment and will be responsible for the reinstatement should the construction works affect the existing creek and embankment. The Contractor is required to assess the project risk including but not limited to the flooding risk and should implement appropriate flood mitigation measures such as additional flood protection measures and drainage at the site perimeter as well as implement stormwater management design for the project sites as stated in the bidding document, especially Section 6, Part 1C, Design Specification, Section 7, Drainage and Stormwater Management Design.</p> <p>a. Feasibility Study on Flood Control and Drainage in Davao City report is provided under Site Data of Contract 04 for bidder's reference. This information shall not form a part of the Contract Document. It has been provided to the Bidder for information purposes only.</p>

7	Vol. 2 Section 6 Part III	ER xvii	Reference Drawings	The Reference Drawings for Contract No.04 are contained in the following subsections: 1) Book A: Architectural and Landscape Drawings 2) Book B: Civil, Structural and Geotechnical Drawings 3) Book C: Mechanical and Electrical Drawings 4) Book D: Information and Communication (ICT) Drawings	May we request for the CAD copies of the drawings provided in the bidding documents	<p>b. Please refer to Attachment A for the flood protection embankment coverage for bidder's reference. The future contractor shall coordinate with DPWH on the flood mitigation control interfacing.</p> <p>c. Bidder's attention is drawn to the flood hazard maps or the like published by official government agencies in the public domain. Please refer to the response in Item a. It is the Bidder's responsibility to satisfy themselves as to the accuracy and completeness of that information prior to submitting any bid. Any information utilised within the successful Bid is to be revalidated by the Contractor prior to the commencement of any design and construction related activities.</p>
8	Vol. 2 Section 6 Part I - A	ER 2	1.2.1 General Overview	The Works also include the major bus maintenance equipment	May we clarify what specific scope of work for Information and Communication Technology (ICT) will	<p>CAD copies will not be provided.</p> <p>The contractor of Contract 04 is required to design and build the majority of the ICT works in Sasa depot and Sto. Nino depot</p>

9	Volume 2, Section 6 Reference Drawings - Architect	(1) IPIF3_ HPBS _RD_ SAS_ D_A10 _252A _Layo ut (2) IPIF3_ HPBS	(1) Sasa Depot Section 1 to 6 (2) Sasa E -Bus Depot Layout	which need to be fixed on the elements of the building structures, and the civil/ structural/ MEP enabling works for the installation of plant and equipment provided by others or as requested by the Engineer and/or by the Operator/Shadow Operator. <u>The plant and equipment provided by others will include the Information and Communication Technology (ICT), Automated Fare Collection system (AFCS) and intelligent transport system (ITS).</u>	be provided/done by others	as specified under the Employer's Requirement. ICT equipment within the OCC, which is located at the second floor of the administration building in Sasa depot, will be provided by others. The C04 contractor is responsible to provide the enabling works for these ICT equipment. The details of the equipment are subjected to the coordination between the Engineer, shadow operator, bus operators and relevant authorities during the execution of the contract, please refer to the General Specification GS 127 for the interface requirement.	The Reference Design has no fuel bay in Sasa depot. There is a typo error in the section of the reference design drawing. Please refer to Attachment B for bidder's reference. However, please allocate space for the potential fuel bay provision. According to GS Section 127, the Contractor is required to interface/coordinate with the Engineer/Operator/Shadow Operator for the updated arrangement in order to complete the detailed design.
					In the section drawings (section 4), there is a fuel area for the Sasa Depot however in the Plan view, there's no fuel area indicated in between Plant Room and Wash Bay. May we know which would prevail? We observed that there will only be E-Bus in Sasa Depot, may we know the purpose of the Fuel Area?		

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10	Volume 2, Section 6 Reference Drawings - Architect	RD_ SAS_ O_A1 0_402 A-Lay out	Sto. Nino E - Bus Depot Layout	IP F3_ HPBS RD_ STO_ D_A10 302A -Layout t(1)			We observed that there will be diesel buses to be serviced by the Sto. Nino Depot however there's no Fuel Area allotted for the buses. May we inquire if this is the original intention of the employer or if the contractor has to include one in the proposal and what would be the requirements for the fuel area?	The Reference Design has no fuel bay in Sto Nino depot. However, please allocate space for the potential fuel bay provision. According to GS Section 127, the Contractor is required to interface/coordinate with the Engineer/Operator/Shadow Operator for the updated arrangement in order to complete the detailed design.	
11	Vol. 2 Section 6 PART I - C Design Specifications	DS- 17 to DS - 19	3.5.9 Maintena nce Worksho p Building - 3.5.9.6 Store				May we know if the Contractor for Package 4 needs to provide the equipment needed for the bus maintenance and bus related machinery such as machine repairing, painting, car washing, and drying truck etc...	The Contractor of Contract 04 is required to provide the bus operation and maintenance machinery as stated in TS 500 Architectural Technical Specification Section 555.	
12	Vol. 2 Section 6 PART I - C Design Specifications	DS - 58	Road Works and Traffic Design				May we inquire if the scope of work for the Contractor of Package 4 includes the design and construction of the traffic scheme and infrastructure within the national highway interfacing with the depot. For Sasa - Diversion Road, For Sto. Nino - Davao Bukidnon Road	Yes, the Contractor is responsible for all the design and construction of the interfacing works between the site access road and the public road / national highway. The Contractor is to design the interfacing work and shall ensure that the connection of site access road to the public road will not cause any impact to the public road traffic due to the vehicles travelling from the site into public road or vice versa, subject to the approval of the Engineer and the relevant authorities.	

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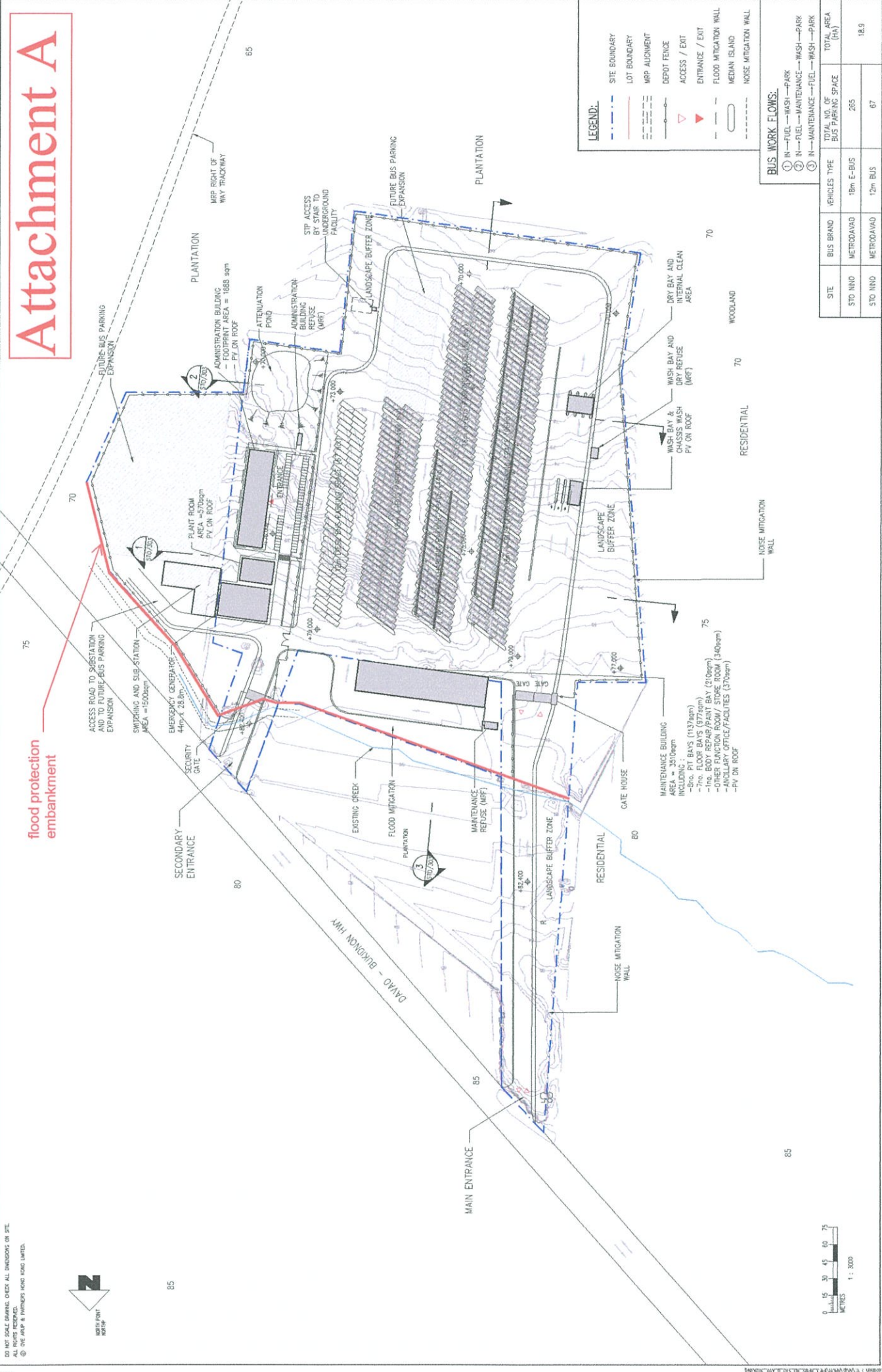
				Road Safety Audit (RSA) if required				Bidder's attention is drawn to Section 6, Part 1C, Design Specification, Section 8.2 for the design guidelines, criteria and standards to be adopted for roadworks design.
13	Volume 2, Section 6 Reference Drawings - MEPP - Electrical	IPIF3_HPBS_RD_GEN_O_E0_0_015A (1)	LV Schematic Diagram of Sasa Depot				May we confirm if the figure is correct, 400kV and not 400V?	This is a typo error in the reference drawing. The red circled "400kV" should be "400V". Please refer to Attachment C for bidder's reference.
16	Vol. 2 Section 6 PART I - A Scope of Works	ER 18	Interfacing Projects	6) Switching Station by DLPC			May we clarify if the switching station for both Sto. Nino and Sasa Depot is to be constructed by the DLPC?	Bid Addendum for Contract 04 will be issued which will indicate that the scope for the design and construction of 69kV switching station and metering point will be covered under Provisional Sum.
17	Volume 2, Section 6 Reference Drawings - Architect	IPIF3_HPBS_RD_STO_D_A10_302A -Layout (1)	Sto. Nino E - Bus Depot Layout				Regarding the Flood mitigation structure to be built on the creek for Sto. Nino Depot, we noticed that the other side of the creek is outside of the Project Boundary. May we confirm that we only need to construct the flood mitigation on the side of the creek adjacent to the depot's boundaries.	The Contractor is not required to design and build the adjacent retaining wall at the other side of the creek. The Contractor is required to design and construct the Works without affecting the existing creek and the existing embankment, within the right-of-way. If the creek and the embankment is affected by the contractor's activities, the contractor is required to repair or rehabilitate the affected area of the creek to the satisfaction of the relevant authorities.
19	Volume 1 Part I SEC 1 ITB	ITB - 11 - 12	Bid Prices and Discounts	14.2 The Bidder shall fill in rates and prices for all items of the Works described in			Since we have the option to include items or introduce work items in the BOQ. May we inquire if you would allow us to add work items for	Bidder's attention is drawn to the Bid Data Sheet ITB 14.2. The Pricing Document included in the Bid Documents is intended to show a proforma

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20	2	NA	Volume 2\03_Ref erence Drawings \MEPF\EI ectrical: Drawing No.: IPIF3_HP BS_RD_ GEN_O_ E00_015 A and IPIF3_HP BS_RD_ GEN_O_ E00_016 A	the Bill of Quantities. Items against which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates for other items and prices in the Bill of Quantities. The utility substation yard	payment such as fabrication and delivery of structural steel payment or rebars. These items technically will already be delivered yet uninstalled items.	of the Detailed Schedule of Rates to be prepared and submitted by the Bidder (in accordance with CESMM4) to explain in detail the make-up of the Bid Price. Subject to compliance with CESMM4, this is a design and build contract, the Bidder has the liberty to insert items of work required based on his own tender design to meet with the Contract's requirement.
				1. According to the referenced drawing, does the scope of design and build of the utility substation yard (69 kV side DLPC switching station and metering point) in these two depots include in HPBS contract No.4?		Bid Addendum for Contract 04 will be issued which will indicate that the scope for the design and construction of 69kV switching station and metering point will be covered under Provisional Sum.

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Attachment A



flood protection embankment

LEGEND:

- SITE BOUNDARY
- LOT BOUNDARY
- MPP ALIGNMENT
- DEPOT FENCE
- ACCESS / EXIT
- ENTRANCE / EXIT
- FLOOD MITIGATION WALL
- MEDIAN ISLAND
- NOISE MITIGATION WALL

BUS WORK FLOWS:

- ① IN → FUEL → WASH → PARK
- ② IN → FUEL → MAINTENANCE → WASH → PARK
- ③ IN → MAINTENANCE → FUEL → WASH → PARK

SITE	BUS BRAND	VEHICLES TYPE	TOTAL NO. OF BUS PARKING SPACE	TOTAL AREA (Ha)
STO NINO	METRODAWAQ	18m E-BUS	265	18.9
STO NINO	METRODAWAQ	12m BUS	67	

STO NINO E-BUS DEPOT LAYOUT

INFRASTRUCTURE PREPARATION AND INNOVATION FACILITY OUTPUT 3 - DAVAO HIGH PRIORITY BUS SYSTEM (HPBS)

IPIF3

Drawing No. IPIF3/HPBS/RO/STO/D/A10/302

Rev.	Description	Date	By	Check	Appr.
B	E-BUS LAYOUT	10/21	ME 2366		
A	FEEDER SUBMISSION	07/21	Stup		

(SHEET 1)

A1



Designed by: HC
Checked by: R.C.
Scale: 1:3000 @ A1 + 1:3000 @ A3

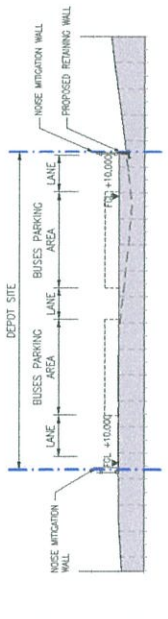
Checked / Reviewed By: _____
Recommended / Approved: _____



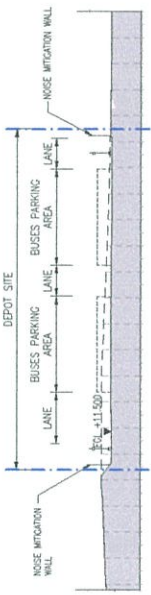
Project: STO NINO E-BUS DEPOT LAYOUT

Rev. B

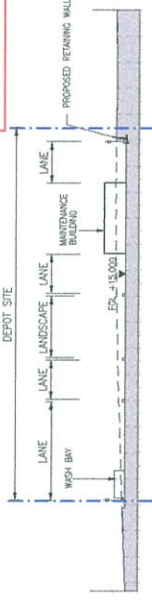
Attachment B



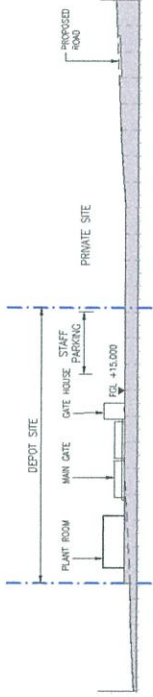
SECTION 1
SCALE 1:2000
SAS/251



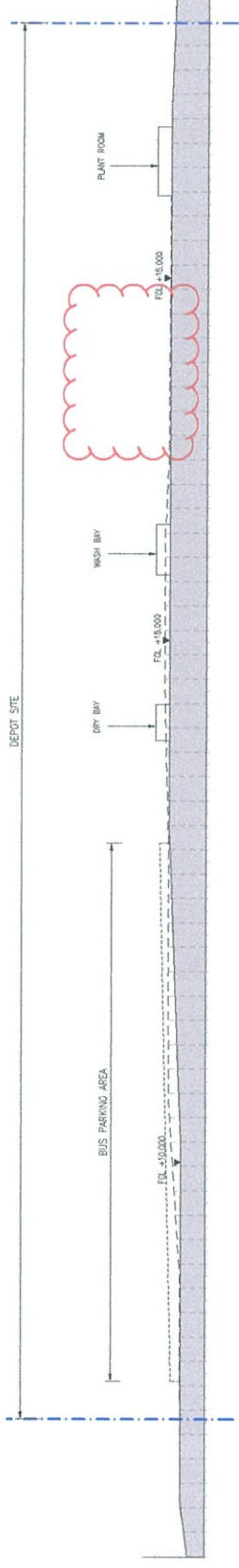
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SAS/251



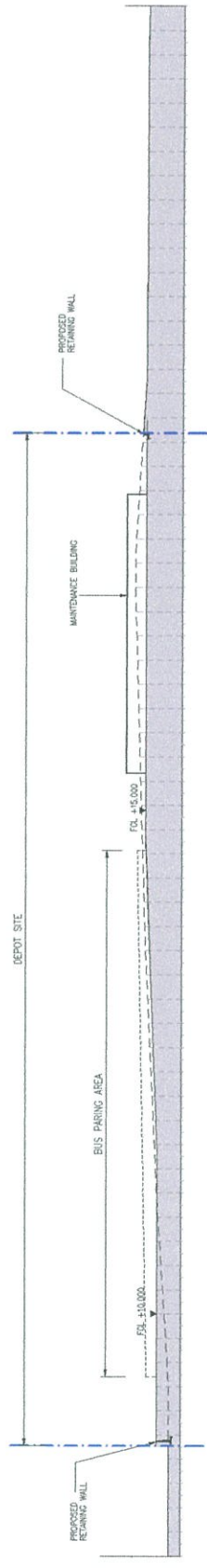
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SAS/251



SECTION 4
SCALE 1:2000
SAS/251



SECTION 5
SCALE 1:2000
SAS/251

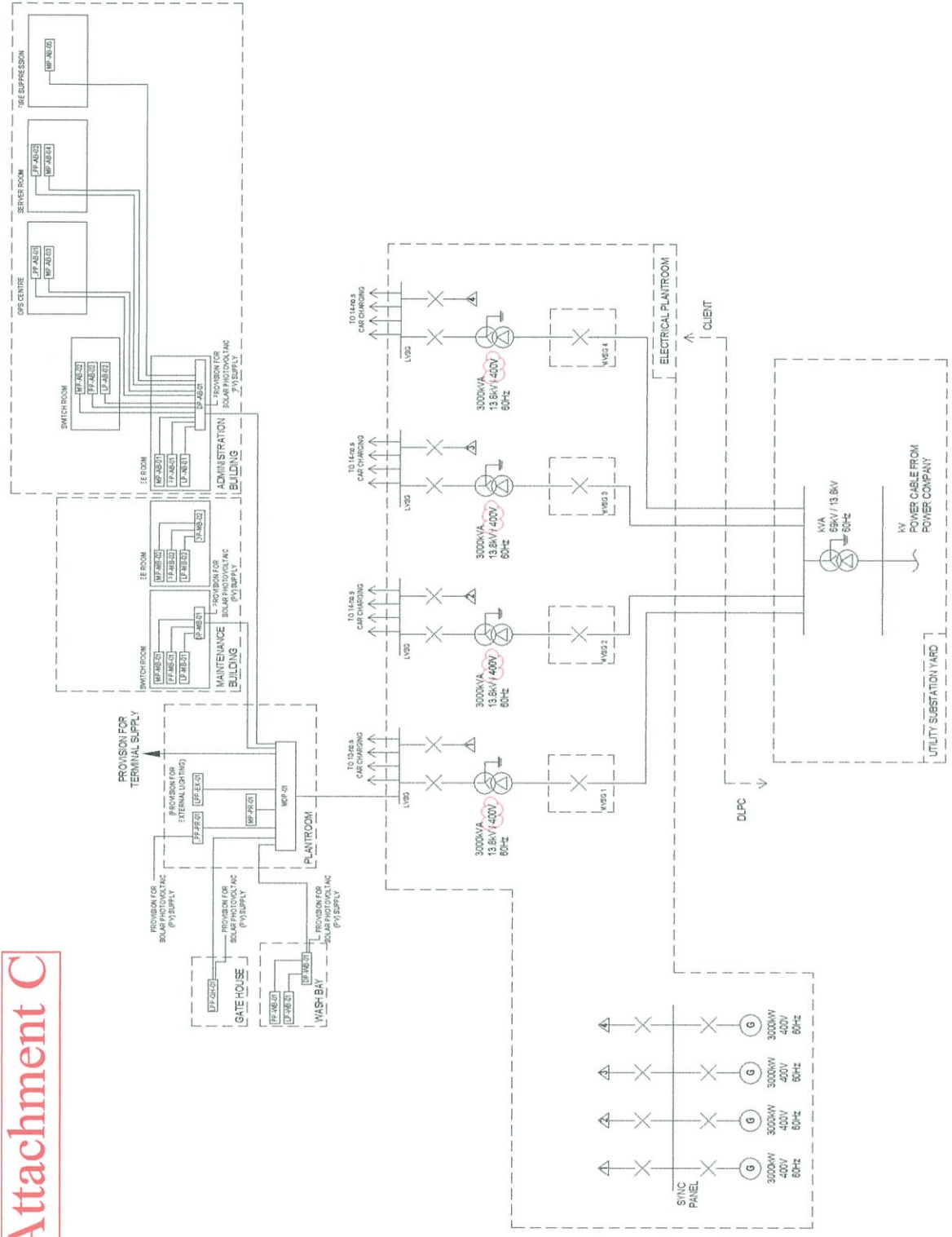


SECTION 6
SCALE 1:2000
SAS/251

LEGEND:
 - - - - - PROPOSED SITE BOUNDARY
 - - - - - EXISTING GROUND LEVEL

 Drawn by Checked by Scale 1:1000 @ A1 - 1:2000 @ A3	Date 05/21 Approved CH:	Checked / Reviewed By Approved By Recommending Approval	Project INFRASTRUCTURE PREPARATION AND INNOVATION FACILITY OUTPUT 3 - DAVAO HIGH PRIORITY BUS SYSTEM (HPBS)	Drawing Title SASA DEPOT SECTION 1 TO 6	(SHEET 1)	No.	Description	Date	Status	Ref.
						A	TENDER SUBMISSION	07/21	A	TENDER

Attachment C



LV SCHEMATIC DIAGRAM - SASA E-BUS DEPOT
SCALE: N.T.S.

	Drawn: NTV Checked: NAA Scale: N.T.S. @ A1, N.T.S. @ A3	Date: 19/07/20 Approved: NSE	Designer/Reviewed By: [Blank] 300003	Secondary Approval: [Blank] 300003	Approved By: [Blank] 300003	Page: 1	Drawing Title: LV SCHEMATIC DIAGRAM - SASA E-BUS DEPOT	Drawing No: IPIF3HPBSRD/GEN0E00015A
	Owned By: [Blank]	Design: [Blank]	Ref: 27149	Rev: 11/21	Description: NEW DRAWING ISSUE	Date: 11/21	Design: DESIGN	Rev: A