

BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BID BULLETIN NO. 01

PNOC Network Rehabilitation and Reconfiguration Project

Invitation to Bid No. 2024-01-002

The PNOC Bids and Awards Committee hereby adopts the following provision in the Philippine Bidding Documents:

1. Amendments/Inclusions

Item No.	FROM				TO			
1	Section VII Technical Specifications Page 28				Section VII Technical Specifications Page 28			
	ITEM	DESCRIPTION	QTY	Statement of Compliance	ITEM	DESCRIPTION	QTY	Statement of Compliance
	xxx	xxx	xxx		xxx	xxx	xxx	
	1	48G 4SFP Switch	2 units		1	48G 4SFP Switch (min. 1G UPLINK)	2 units	
	2	24G CL4 4SFP Switch	13 units		2	24G 4SFP Switch (min. 1G UPLINK)	11 units	
	xxx	xxx	xxx		3	12-Port 10GBaseT 4SFP+ Switch	4 units	
		HORIZONTAL CABLING			xxx	xxx	xxx	
	2	1 port Shuttered Faceplate Kit, with shutter and label, Almond	250 pcs			HORIZONTAL CABLING		
	xxx	xxx	xxx		xxx	xxx	xxx	
	7	Horizontal Cable Management Assembly, with printed logo, 1U	18 units		2	1 port Shuttered Faceplate Kit, with shutter and label, Almond	300 pcs	
	xxx	xxx	xxx		xxx	xxx	xxx	
	8	Data Cabinet 600 mm x 600 mm x 3ft	7 units		7	Horizontal Cable Management Assembly, 1U	18 units	
	9	Data Cabinet 600 x 1000 x 6 ft	1 unit		8	Data Cabinet 600 mm x 600mm x 3ft	8 units	
	xxx	xxx	xxx		9	Data Cabinet 600 mm x 600 mm x 6 ft	1 unit	
				xxx	xxx	xxx		

	Section VII Technical Specifications Terms of Reference (IV. Scope of Works) Page 30-31	Section VII Technical Specifications Terms of Reference (IV. Scope of Works) Page 30-31
2	<p style="text-align: center;">xxx</p> <p>C. Construction Scope of Works and Deliverables</p> <p>1. Structured Cabling Works</p> <p>The contractor shall furnish all labor, materials, tools and equipment, and perform all operations necessary to complete the supply, delivery, installation, testing and commissioning of Structured Cabling Works.</p> <p>a. Supply of labor, delivery and installation of various network equipment, cable and components for a minimum of two hundred fifty (250) nodes.</p> <p style="text-align: center;">xxx</p> <p>d. Provision of the in-house wiring, from the cable entrance to the network rack where the modem, routers, and switches are located.</p>	<p style="text-align: center;">xxx</p> <p>C. Construction Scope of Works and Deliverables</p> <p>1. Structured Cabling Works</p> <p>The contractor [should have Philippine Contractors Accreditation Board (PCAB) license] shall furnish all labor, materials, tools and equipment, and perform all operations including necessary civil works to complete the supply, delivery, installation, testing and commissioning of Structured Cabling Works.</p> <p>a. Supply of labor, delivery and installation of various network equipment, cable and components for a minimum of three hundred (300) nodes.</p> <p style="text-align: center;">xxx</p>
	<p style="text-align: center;">xxx</p> <p>g. Termination of patch cords if necessary.</p> <p style="text-align: center;">xxx</p> <p>h. Supply, delivery and installation of metal support for Cable Gutter, PVC conduits and other consumables.</p>	<p>d. Provision of the in-house wiring, from the cable entrance to the network rack where the modem, routers, and switches are located which should not be exposed and must be located inside the wall or ceiling or floor cable tray.</p> <p style="text-align: center;">xxx</p> <p>g. Termination of patch cords (slim type) if necessary.</p> <p style="text-align: center;">xxx</p> <p>h. Supply, delivery and installation of metal support for Cable Gutter, PVC conduits and other consumables. Metal support should not be exposed and must be located inside the wall or ceiling or floor cable tray.</p>

3	<p>Section VII Technical Specifications Terms of Reference Page 33</p> <p>VII. CONTRACTOR/VENDOR COMPETENCY REQUIREMENTS (ADDITIONAL ELIGIBILITY)</p> <p style="text-align: center;">xxx</p> <p>b. The Contractor must have Certified Technical Professional for the Network switches offered and must attach their corresponding certification. [CCNA (Cisco Certified Network Associate) or CompTIA A+ (The Computing Technology Industry Association)]</p> <p style="text-align: center;">xxx</p>	<p>Section VII Technical Specifications Terms of Reference Page 33</p> <p>VII. CONTRACTOR/VENDOR COMPETENCY REQUIREMENTS (ADDITIONAL ELIGIBILITY)</p> <p style="text-align: center;">xxx</p> <p>b. The Contractor must have Certified Technical Professional for the Network switches offered (any brand) and must attach their corresponding certification. [CCNA (Cisco Certified Network Associate) or CompTIA A+ (The Computing Technology Industry Association) or relative certification of the equipment/brand being offered]</p> <p>c. The Contractor Vendor must have relative experience in the Supply, Delivery, Installation, Commissioning and Configuration of Essential Network equipment and holds a PCAB License for Specialty – Communication and facilities Category B.</p> <p style="text-align: center;">xxx</p>
4	<p>Section VII Technical Specifications Terms of Reference [IV. Scope of Work (B)(1)] Page 35</p> <ul style="list-style-type: none"> Please see attached revised Conceptual Network Diagram for the Rehabilitation Office Network (Annex "A") 	

BILL OF MATERIALS
Page 36

ITEM	DESCRIPTION	PNO Quantity	Bidder's Quantity	Unit	UNIT COST (Estimated Direct Cost & Mark-up & Value Added Tax)	SUBTOTAL
	NETWORK EQUIPMENT					
1	48G 4SFP Switch	2		units		
2	24G CL4 4SFP Switch	13		units		
xxx	xxx	xxx		xxx		
	HORIZONTAL CABLING					
xxx	xxx	xxx		xxx		
2	1 port Shuttered Faceplate Kit, with shutter and label, Almond	250		pcs		
xxx	xxx	xxx		xxx		
7	Horizontal Cable Management Assembly, with printed logo, 1U	18		units		
8	Data Cabinet 600mm x 600 mm x 3ft	7		units		
9	Data Cabinet 600 x 1000 x 6 ft	1		unit		
xxx	xxx	xxx		xxx		

5

BILL OF MATERIALS
Page 36

ITEM	DESCRIPTION	PNO Quantity	Bidder's Quantity	Unit	UNIT COST (Estimated Direct Cost & Mark-up & Value Added Tax)	SUBTOTAL
	NETWORK EQUIPMENT					
1	48G 4SFP Switch (min. 1G UPLINK)	2		units		
2	24G 4SFP Switch (min. 1G UPLINK)	11		units		
3	12-Port 10GBaseT 4SFP+ Switch	4		units		
xxx	xxx	xxx		xxx		
	HORIZONTAL CABLING					
xxx	xxx	xxx		xxx		
2	1 port Shuttered Faceplate Kit, with shutter and label, Almond	300		pcs		
xxx	xxx	xxx		xxx		
7	Horizontal Cable Management Assembly, 1U	18		units		
8	Data Cabinet 600mm x 600mm x 3ft	8		units		
9	Data Cabinet 600mm x 600 mm x 6 ft	1		unit		
xxx	xxx	xxx		xxx		

- Please see attached revised Bill of Materials (Annex "B")

**Section VII Checklist of Technical and
Financial Documents**
Page 39

xxx

(g) Detailed Designs and Technical
Speculations

xxx

6

**Section VIII Checklist of Technical and
Financial Documents**
Page 39

xxx

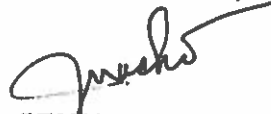
(g) Detailed Designs and Technical
Specifications

xxx

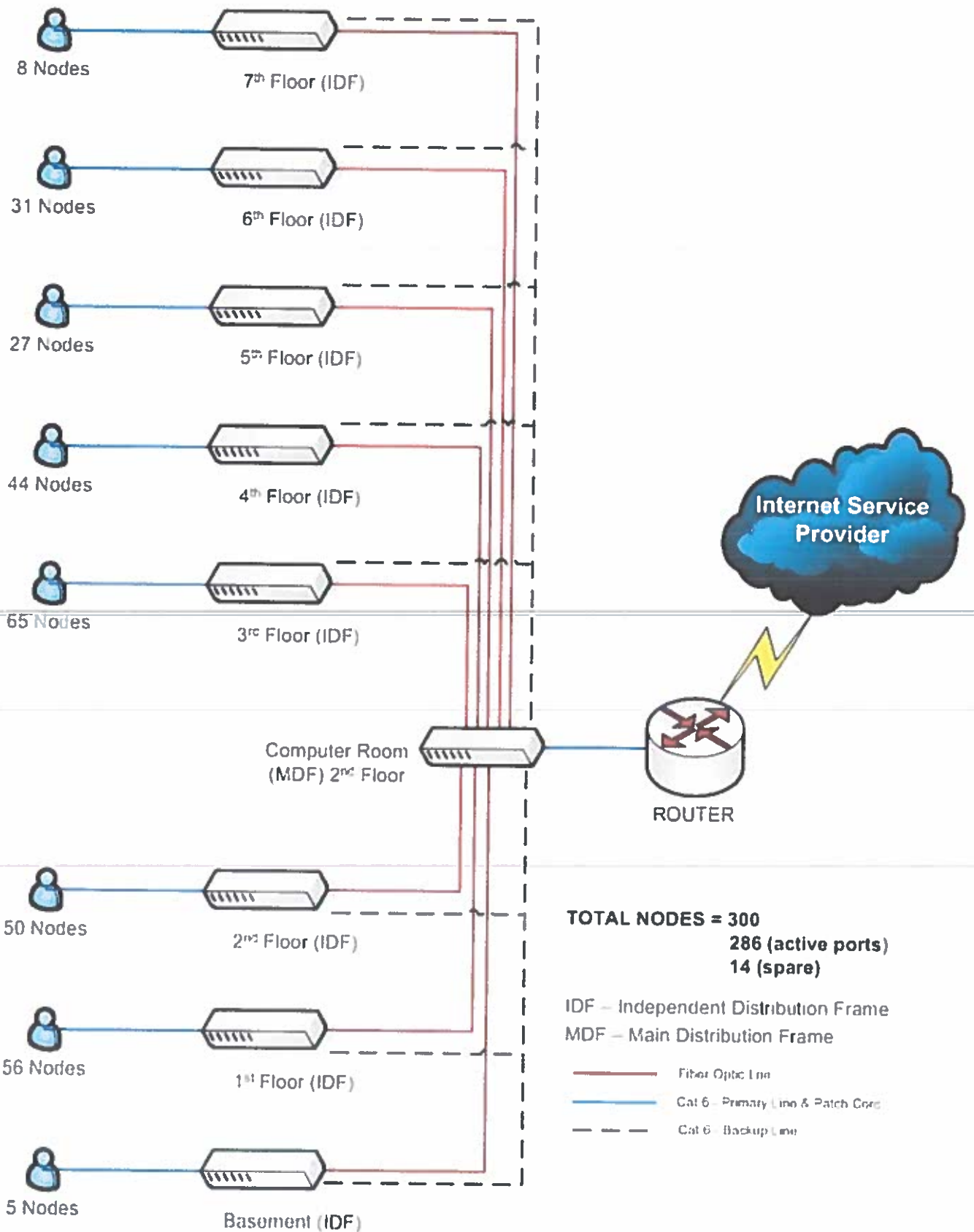
Amendments/inclusions/clarifications made herein shall be considered an integral part of the Bidding Documents.

For guidance and information of all concerned.

Issued this February 08, 2024.


MS. JENNIFER R. RACHO
Chairperson
Bids and Awards Committee

PNOC Network Structure Rehab Concept



Project: PNOC Network Rehabilitation and Reconfiguration Project
 Owner: Philippine National Oil Company

Location: Building 6, Energy Center, Rizal Drive, Bonifacio Global City Taguig 1634, Metro Manila

Details of Bidder:

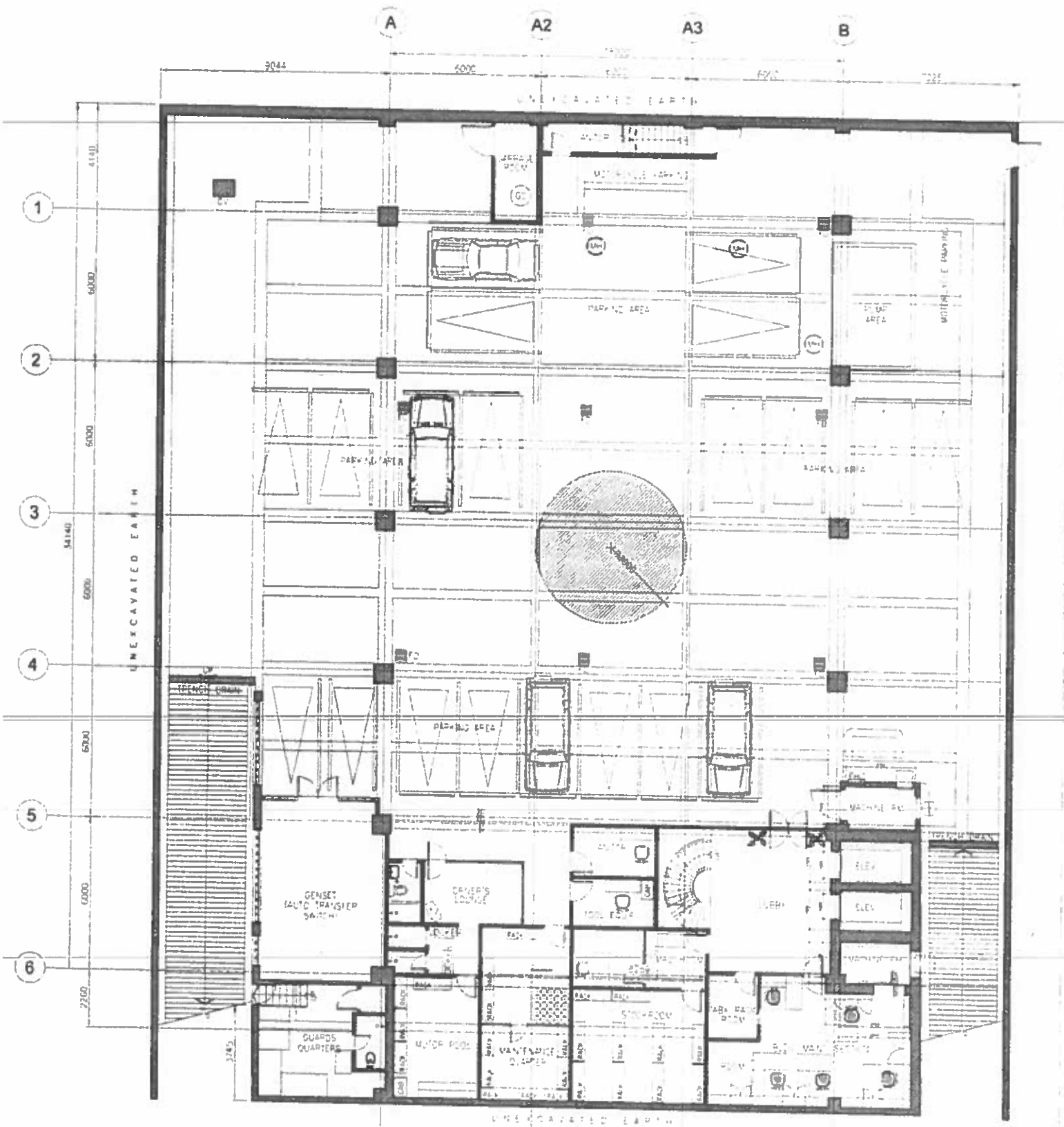
ITEM	DESCRIPTION	PNOC Quantity	Bidder's Quantity	Unit	UNIT COST (Estimated Direct Cost & Mark-up & Value Added Tax)	SUBTOTAL
NETWORK EQUIPMENT						
1	48G 4SFP Switch	2		units		
2	24G 4SFP Switch	11		units		
3	12-Port 10GBaseT 4SFP+ Switch	4		units		
4	MMF Transceiver	30		units		
	SUBTOTAL					
	UPS					
	SUBTOTAL					
4	1000VA UPS	8		units		
	HORIZONTAL CABLING					
1	Cat6 4-pair Copper 305m/roll	42		rolls		
2	1 port Shuttered Faceplate Kit, with shutter and label, Almond	300		pccs		
3	Modular Jack, Cat6, RJ45, SL Series, White	300		pccs		
4	Distribution Module Panel, Cat 6, UTP, 1U, 24 port loaded	13		units		
5	RJ45 Patch Cord, category 6, Unshielded, CM (PVC), Blue, 4 ft (1.2m)	300		pccs		
6	RJ45 Patch Cord, category 6, Unshielded, CM (PVC), Blue, 10 ft (3.0m)	300		pccs		
7	Horizontal Cable Management Assembly, 1U	18		units		
8	Data Cabinet 600mm x 600mm x 3ft	8		units		
9	Data Cabinet 600mm x 600mm x 6ft	1		unit		
	SUBTOTAL					

FIBER BACKBONE CABLING COMPONENTS						
1	6 Core OM4 Indoor/Outdoor Low Smoke Zero Halogen Riser Distribution Cable	800		lot		
2	Fiber Optic Panel, 1U, partially loaded with 12 LC/UPC MM duplex adapters, black	7		unit		
3	Fiber Optic Termination/Splice Panel, 1U, 19 in, 48 LC/UPC, singlemode, OS2, black (with 48 LC Pigtail included)	1		unit		
4	Fiber Pigtail, 0.9 mm Riser Multimode OM4 3ft	84		pcs		
5	Fiber Patch Cord LC-LC Multimode, Duplex OM3 50µm, 2mm LSZH Patch Cord 5m	14		pcs		
	GENERAL REQUIREMENTS					
	OTHER MATERIALS					
1	Miscellaneous & Retouching	1		lot		
2	Consumables & Hanger & Support	1		lot		
3	Civil Works and Retouchings/Coring Works/grounding	1		lot		
4	Roughing-ins	1		lot		
	SUBTOTAL					
	SERVICES AND INSTALLATION					
1	Mobilization/Demobilization	1		lot		
2	Technical Configuration	1		lot		
3	Layout and Installation	1		lot		
4	Termination and Testing	1		lot		
	SUBTOTAL					
	TOTAL DIRECT COST					
	OVERHEAD COSTS					
	CONTINGENCIES					
	TOTAL PROJECT CONSTRUCTION COST					

Authorized Representative: _____

(Name & Signature)

Date: _____



1 BASEMENT PLAN

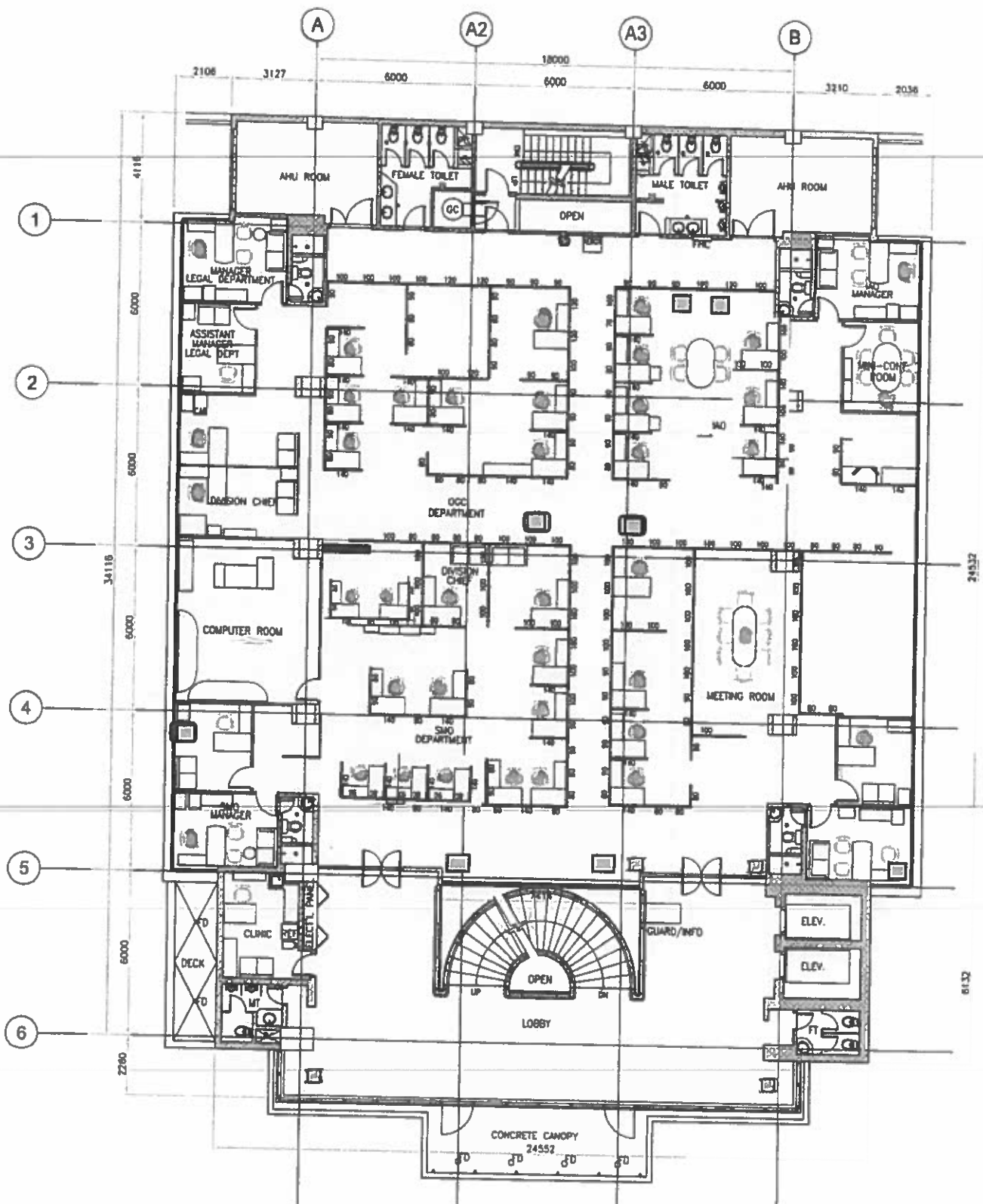


PHILIPPINE NATIONAL OIL COMPANY
GENERAL SERVICE DIVISION

PROJECT TITLE

5 NODES

PNOC Building 6, Energy Compound, Rizal Drive, BGC, Taguig City

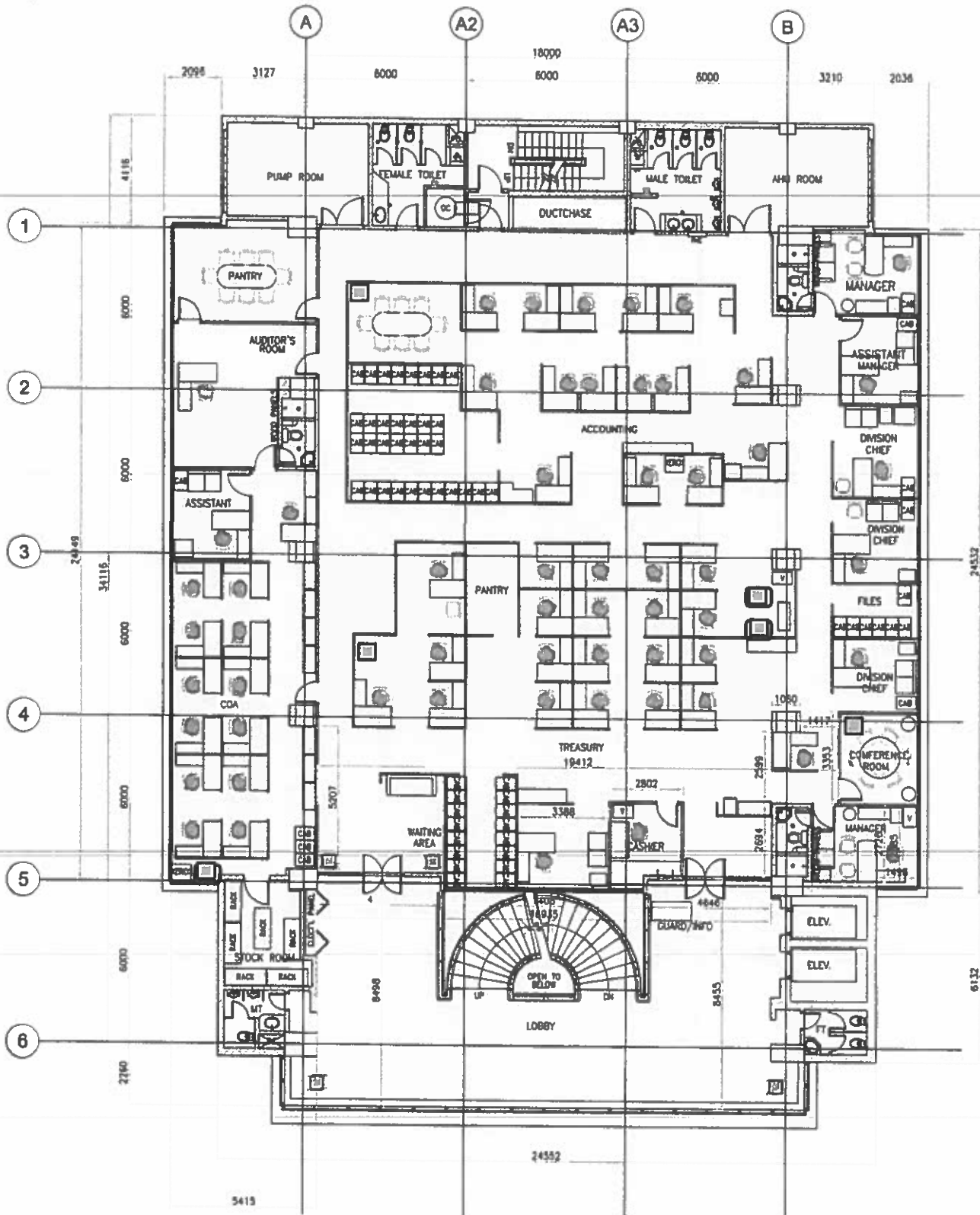


1 2ND FLOOR PLAN
 A-02 SCALE 1:100M



PHILIPPINE NATIONAL OIL COMPANY
 GENERAL SERVICE DIVISION
 PNOC Building 6, Energy Compound, Raza Drive, BGC, Taguig City

PROJECT TITLE 50 NODES

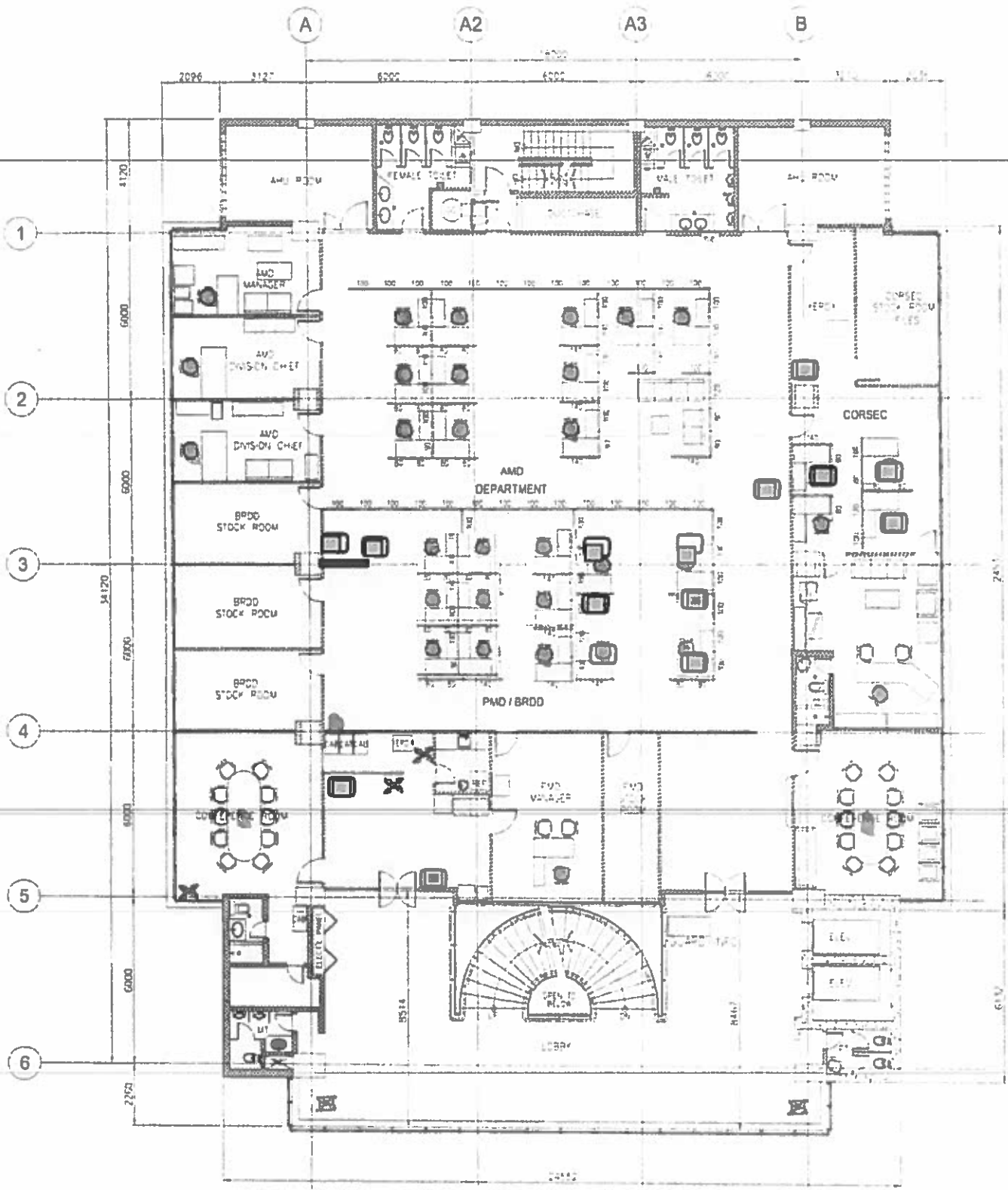


2 3RD FLOOR PLAN
 A-02 SCALE 1:100M



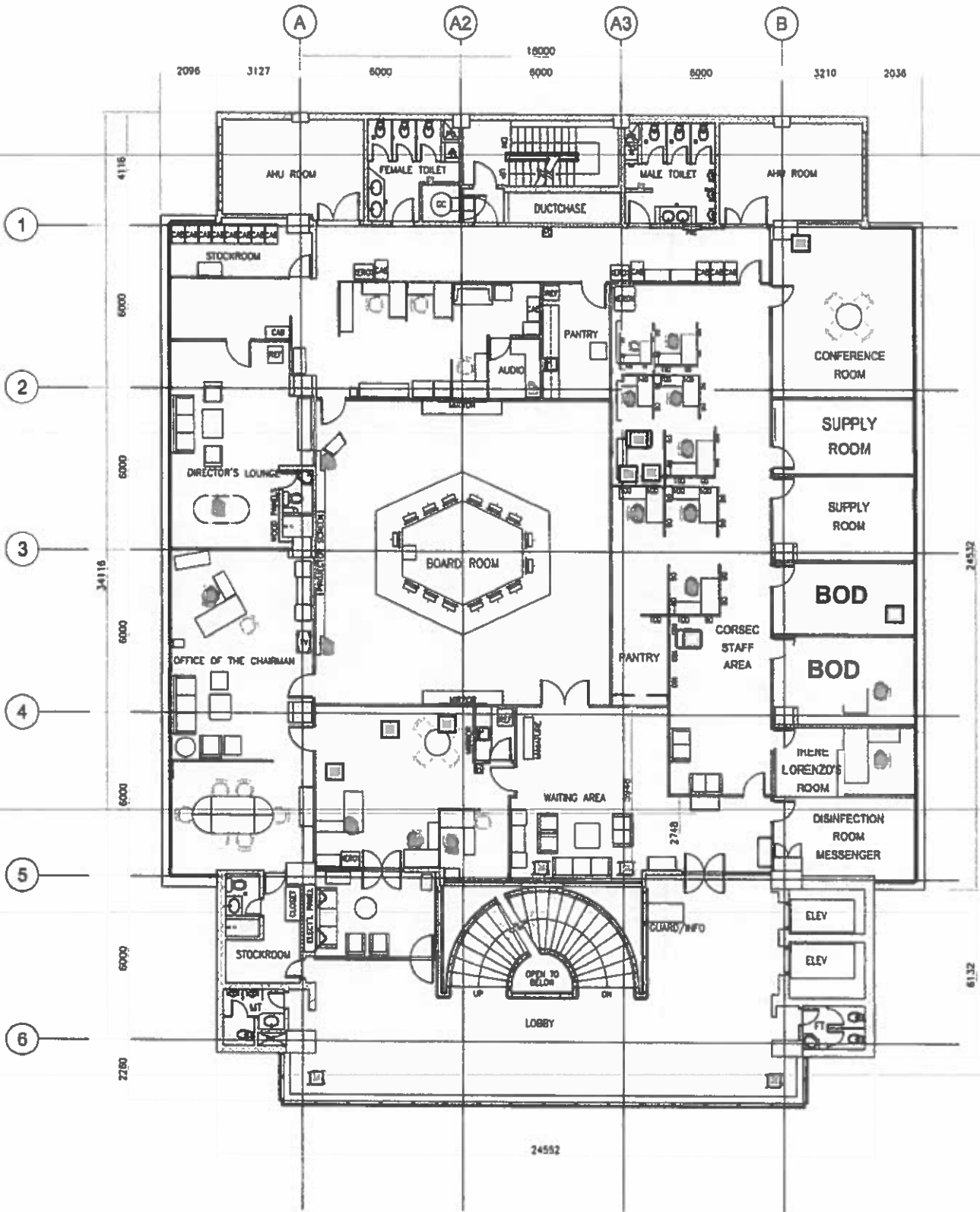
PHILIPPINE NATIONAL OIL COMPANY
 GENERAL SERVICE DIVISION
 PNOC Building G, Energy Compound, Rizal Drive, BGC, Taguig City

PROJECT TITLE **65 NODES**



1 4TH FLOOR PLAN
 4-03 SCALE 1:100V



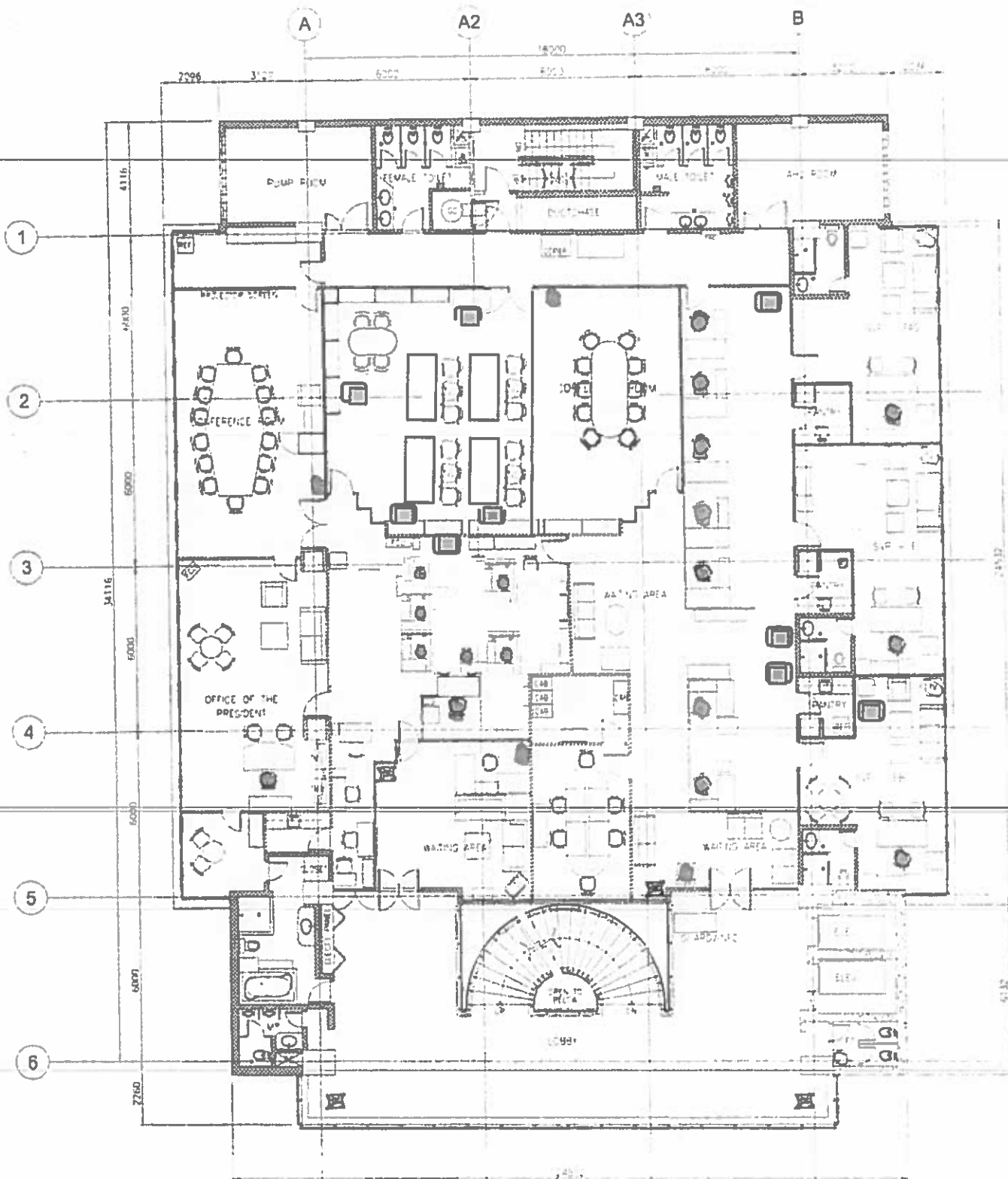


2 5TH FLOOR PLAN
 A-03 SCALE 1:100M



PHILIPPINE NATIONAL OIL COMPANY
 GENERAL SERVICE DIVISION
 PNOC Building 6, Energy Compound, Rizal Drive, BGC, Taguig City

PROJECT TITLE 27 NODES



1 6TH FLOOR PLAN

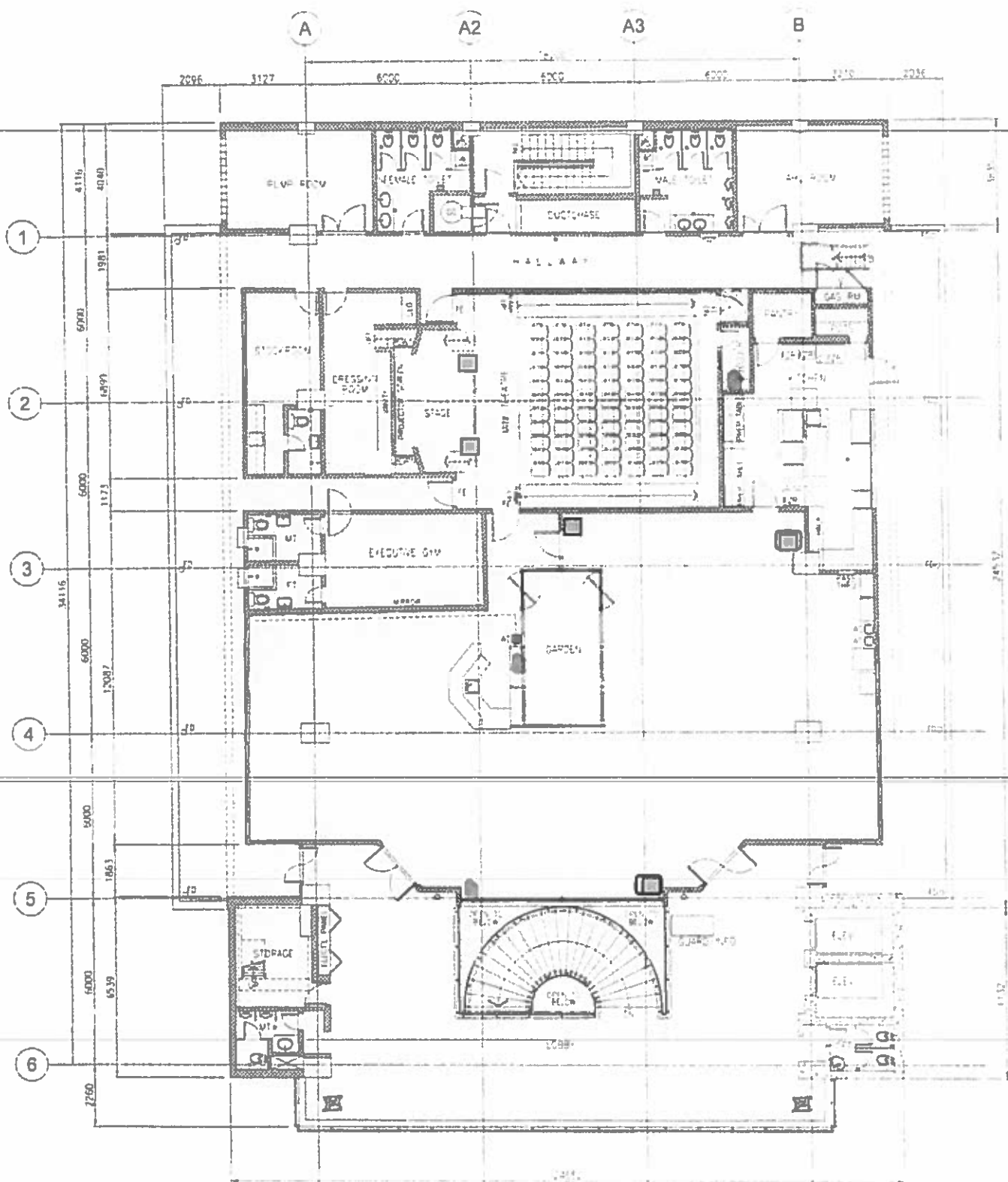


PHILIPPINE NATIONAL OIL COMPANY
GENERAL SERVICE DIVISION

PNOC Building 6, Energy Compound, Rizal Drive, BGC, Taguig City

PROJECT TITLE

31 NODES



2 7TH FLOOR PLAN

TOTAL = 286 NODES



PHILIPPINE NATIONAL OIL COMPANY
 GENERAL SERVICE DIVISION
 PNOC Building 6, Energy Compound, P.22' Drive, BGC, Taguig City

PROJECT TITLE **8 NODES**