



## NATIONAL POWER CORPORATION

### REQUEST FOR QUOTATION (SMALL VALUE PROCUREMENT - 53.9)

August 14, 2024

Sir/Madam:

Please provide us with your best quotation for the items as specified in the Terms of Reference (TOR) for PR No. HO-LAR24-011 / REF NO. SVP240812-KL00374 (SVP2) and submit the same at the Bids and Contracts Services Division (BCSD), Ground Floor Diliman Quezon City on or before **9:30 am** of **28 August 2024**.

The following documents must be submitted together with your quotation:

1. PhilGEPS Registration, whichever is applicable:

For Platinum Members:

2. Valid and Updated Certificate of PhilGEPS Registration (This should include the attached "Annex A"). In case the Mayor's Permit in the said Annex "A" is expired, a valid/updated Mayor's Permit must also be submitted.

For Red or Blue Members:

- Valid Mayor's Permit showing the expiry date
- PhilGEPS Registration Number ;

3. Other documents: : Please refer to the attached ADDITIONAL TOR

Additional Documentary Requirements, if applicable:

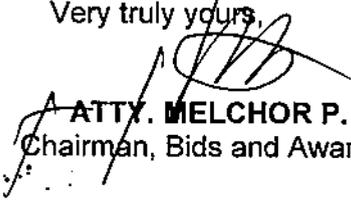
- Omnibus Sworn Statement (use attached Form) (For Total ABC of Above PhP 50,000);
- Latest Income Tax Return / Business Tax Return (For Total ABC of Above PhP 500,000);
- Professional License/Curriculum Vitae (for Consulting Services only);
- PCAB License (for INFRA Projects only);

The Warranty Period shall be: Please refer to the attached TOR

In case of a failed bidding, a re-bidding maybe conducted without prior notice to any previous bidder(s).

For further inquiries, please contact the BAC Secretariat, **Ms. Kristine L. Doronila** at telephone no/s. 8-924-5397 with e-mail address at [kclacatan@napocor.gov.ph](mailto:kclacatan@napocor.gov.ph).

Very truly yours,

  
**ATTY. MELCHOR P. RIDULME**  
Chairman, Bids and Awards Committee



NATIONAL POWER CORPORATION

Gabriel Y. Itchon Building  
Senator Miriam P. Defensor-Santiago Avenue (formerly BIR Road)  
corner Quezon Avenue, Diliman, Quezon City 1100, Philippines  
Tel. Nos. (632) 8921-3541 to 80 • Fax No. (632) 8921-2468  
Website: [www.napocor.gov.ph](http://www.napocor.gov.ph)





Republic of the Philippines  
NATIONAL POWER CORPORATION

**TERMS OF REFERENCE  
ALTERNATIVE MODE OF PROCUREMENT  
(SMALL VALUE PROCUREMENT – 53.9)**

1. **Scope of Works:** PR NO. HO-LAR24-011 /REF NO. SVP240812-KL00374 (SVP2)

**Supply, Delivery, Installation and Test of New Water Supply System for SRWAT Office & Nursery**

Item No.	DESCRIPTION	QTY.	U/M	ABC (PhP)
1	PLAN 11_INSTALLATION OF NEW WATER SYSTEM	1	LOT	500,000.00
<b>TOTAL AMOUNT</b>				<b>500,000.00</b>

**Note/s:**

- a. Please refer to the attached sheets for the complete scope of work.
- b. The warranty should be for at least three (3) months on consumables materials.

**APPROVED BUDGET FOR THE CONTRACT:** PHP 500,000.00

**2. Delivery Period**

Delivery Period shall not be later than Forty-Five (45) Calendar Days upon receipt of the Purchase Order / Notice to Proceed.

**3. Delivery Point**

Items shall be delivered at NPC San Roque Watershed Area Team (SRWAT) Office, San Roque, San Manuel, Pangasinan

**4. Bid Submission**

The Bidder shall submit their bids through their authorized representative or in the manner of submission as prescribed in the RFQ.

**5. Late Bids**

Any Bid submitted after the deadline for submission and receipt of Bids shall not be accepted by NPC.

**6. Bid Prices**

The bid price as indicated in the Quotation Form shall be fixed during the Bidder's performance of the Contract and not subject to variation or price escalation on any account. A Bid submitted with an adjustable price quotation shall be treated as non-responsive.

**7. Bid Price Validity**

Price Validity shall not be less than One Hundred Twenty (120) calendar days from date of bid submission.

**8. Eligibility Criteria**

- a. Bids shall be checked using the PASS / FAIL Criteria for Legal, Technical and Financial components.
- b. From the bids that were rated PASSED, the same shall be ranked and corrected for computational errors to identify the Lowest Calculated Bid (LCB).

**9. Detailed Evaluation and Comparison of Bids**

The LCB shall be subjected to detailed evaluation against the Technical Specifications including arithmetical computations. Documents which are deemed not to comply with the requirements of the tender shall be considered non-complying.

**10. Post-qualification**

Submitted documents of the LCB shall be subjected to post qualification evaluation.

The bid that PASSED the Post-Qualification shall be declared as the Single /Lowest Calculated Responsive Bid (S/LCRB).

**11. Total Contract Price**

The Total Contract Price shall be inclusive of all taxes and other related expenses / charges.

**12. Notice to Supplier**

- a. The supplier shall pick-up the Purchase Order (PO)/ Notice to Proceed (NTP) from NPC within two (2) calendar days from receipt of the Notice of Award.
- b. Failure to secure the PO/NTP by the supplier within the said period will mean cancellation of the same and imposition of penalties as prescribed by law

**13. PO Effectivity**

- a. The PO Shall take effect immediately upon receipt of the PO / NTP by the supplier sent through fax as evidenced by the fax transmission receipt and as confirmed by the supplier's representative.

**14. Terms of Payment**

Terms of Payment shall be thirty (30) calendar days after submission of complete supporting documents.

**15. Warranty**

Warranty is dependent upon the nature/type of the item which is included in the offer (i.e. Manufacturer's Warranty), unless specifically required in the scope of works.

**16. Liquidated Damages**

Where the supplier refuses or fails to satisfactorily complete the work within the specified contract time, plus any time of extension duly granted and is hereby in default under the contract, the supplier shall pay NPC for liquidated damages, and not by way of penalty, an amount equal to at least one tenth (1/10) of one percent (1%) of the cost of the undelivered/unperformed portion of the items/works for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the procuring entity may rescind or terminate the contract, without prejudice to other courses of action and remedies open to it (Section 68 of the Revised IRR of RA 9184).

**17. Liability of the Supplier**

If after receipt of the Purchase Order, the supplier fails to deliver the goods, appropriate sanctions will be imposed as prescribed under Republic Act (RA) 9184 and its Revised Implementing Rules and Regulations (IRR).

**18. Disclosure of Relations**

The bidder shall comply with the provisions of Section 47 of RA 9184 and its revised IRR re: disclosure or relations.

**19. Administrative Sanctions**

Bidder shall likewise be imposed the rules as stated in section 69 (Imposition of administrative penalties) should there be infractions committed.

**20. Reservation Clause**

NPC reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder/s.

**SUPPLIER'S BID QUOTATION  
(SMALL VALUE PROCUREMENT – 53.9)**

To: The BAC Chairman:

I have read and examined the Terms of Reference for Purchase Requisition (PR) No/s. **HO-LAR24-011**. I agree with the conditions of the TOR and offer the following supplies with specific description.

ITEM NO.	QTY	U/M	DESCRIPTION OF ITEM / S TO BE SUPPLIED (INCLUDE BRAND NAME)	UNIT PRICE (PhP)	TOTAL PRICE (PhP)
1					
<b>TOTAL BID PRICE</b>					

\_\_\_\_\_  
Name and Signature of Authorized Representative

Date \_\_\_\_\_

Company Name \_\_\_\_\_

Contact Details \_\_\_\_\_

E-mail address \_\_\_\_\_

*Note: The bidder may use this form or its own company letter head following this format duly signed by the authorized representative when making the offer.*

**SCOPE OF WORKS**  
**Supply and Delivery, Installation and Test of New Water Supply System for**  
**SRWAT Office & Nursery**

Delivery Point: SRWAT Office, San Roque, San Manuel, Pangasinan

Delivery Period: 45 days

Additional Requirement (Pre-Implementation): Certificate of Site Inspection

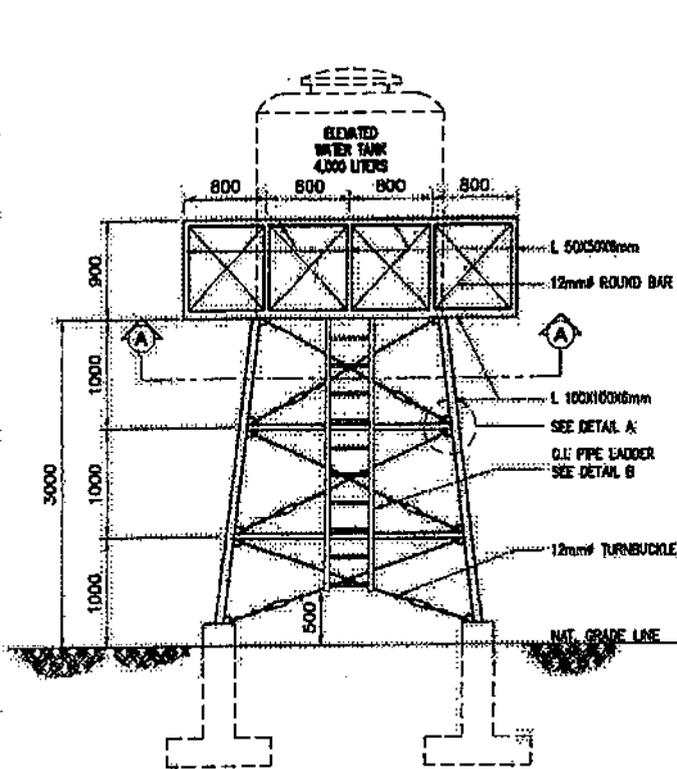
Additional Requirement (During implementation):

Certification of Standard Tests required for Civil, Mechanical, and Electrical Works

	Description of Work or Material	QTY	UM	Total Price (Php)
<b>A</b>	<b>CIVIL WORKS</b>			
A.1	Fabrication and erection/installation of structural steel supports for elevated vertical water storage tank and construction of concrete pedestal footings (including bolts and other accessories shown in the bid drawing)			
a.	Structural excavation	4.2	cu.m.	927.00
b.	Structural backfill	1.7	cu.m.	463.00
c.	Sand and Gravel Bedding	0.03	cu.m.	14.00
d.	Concrete (20.7Mpa)	1.3	cu.m.	4,570.00
e.	Reinforcing steel bars (Grade 275)	135	kgs	4,685.00
f.	Structural steel (A36)	794	kgs	39,805.00
g.	12 mm dia. Turn buckle	24	pcs	4,895.00
h.	Painting works (all steel surfaces) including surface preparation	22	sq.m.	6,118.00
A.2	Construction of Horizontal Water Storage Tank Foundation			
a.	Structural excavation	0.4	cu.m.	88.00
b.	Sand and Gravel Bedding	0.2	cu.m.	55.00
c.	Concrete (20.7Mpa)	0.3	cu.m.	1,055.00
d.	Reinforcing steel bars (Grade 275)	11	kgs	382.00
A.3	Construction of Pump Foundation			
a.	Structural excavation	0.1	cu.m.	22.00
b.	Sand and Gravel Bedding	0.05	cu.m.	23.00
c.	Concrete (20.7Mpa)	0.08	cu.m.	281.00
d.	Reinforcing steel bars (Grade 275)	3	kgs	104.00
A.4	Labor	1	lot	24,125.00
	<b>Sub-Total</b>			<b>87,612.00</b>

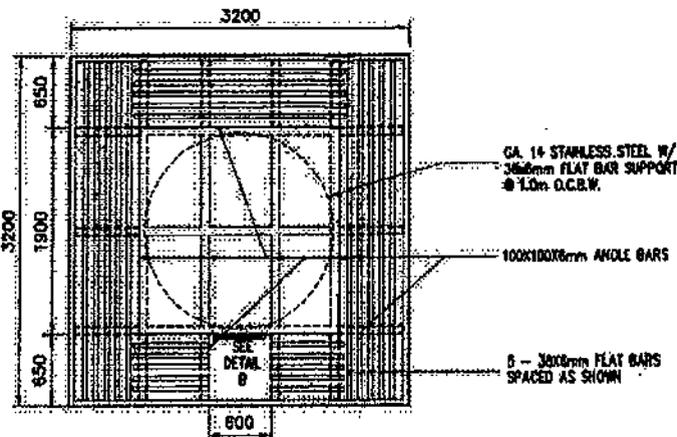
B	MECHANICAL WORKS			
B.1	Vertical Water Tank, 4,00 Liters capacity, polyethelene, complete with nozzles/manhole, inlet and outlet nozzles, supports, overflow and drain nozzles with pipes. Pipe structural steel supports with anchor bolts on foundation and access ladder, and other accessories as required in the technical specifications including installation works.	1	Set	88,000.00
B.2	Horizontal Water tank, 1,000 liters capacity, polyethelene, complete with nozzles/manholes, inlet and outlet nozzles, overflow and drain nozzles with pipes and other accessories as required in the technical specifications including installation works.	1	Set	14,000.00
B.3	Self-priming Centrifugal Pump, 1 HP, 2.27 m3/h (10gpm) minimum capacity at 20 meters head, 230V, single phase, 60hz, outdoor type, cast iron casing and diffuser, bronze impeller, complete with power cable, and controls, control pannel and other accessories as described in the technical specification	1	Set	27,980.00
B.4	Level Switch, magnetic float level type, stainles steel chamber and float, four (4) level set points for water pumps control and level alarm, field adjustable, designed for top mounting for 4,000 water storage tank	1	Set	399.00
B.5	Level Switch, magnetic float level type, stainles steel chamber and float, one (1) level set points for low alarm, field adjustable, designed for top mounting for 1,000 water storage tank	1	Set	349.00
B.6	Pressure Gauge, 100mm $\phi$ , borboun tube type, 0-3 kg/cm2 scale range, equipped with isolation valve.	2	Sets	898.00
B.7	Domestic water pipe, fittings, supports, valves and other accessories including required excavation and backfilling works; test and disinfection as described in the technical specifications and shown on the bid drawings.			
a.	Gate valve, 40mm $\phi$ , cast bronze, screwed ends, rising stem, Class 150	2	Sets	6,600.00
b.	Gate valve, 32mm $\phi$ , cast bronze, screwed ends, rising stem, Class 150	2	Sets	5,520.00
c.	Gate valve, 25mm $\phi$ , cast bronze, screwed ends, rising stem, Class 150	12	Sets	22,320.00
d.	Gate valve, 20mm $\phi$ , cast bronze, screwed ends, rising stem, Class 150	1	Set	1,380.00
e.	Gate valve, 15mm $\phi$ , cast bronze, screwed ends, rising stem, Class 150	4	Sets	4,000.00
f.	Check valve, 20mm $\phi$ , Swing type, cast bronze, screwed ends, rising stem, Class 150	1	Set	1,884.00

B.	Hose Bibb, 20mmØ, bronze body, screwed ends, Class 150	11	Sets	8,789.00
h.	Water pipe, 25mm N.D., conforming to ASTM A 53, GR. A, Sch. 40 hot-dip galvanized and its associated fittings, pipe supports and other accessories as required in the technical specification	6	lm	750.00
i.	Water pipe, 50mm O.D. (40mm N.D.), PP-R pipe, PN 20 pressure class, and its associated fittings, pipe supports and other accessories	32	lm	12,000.00
j.	Water pipe, 40mm O.D. (32mm N.D.), PP-R pipe, PN 20 pressure class, and its associated fittings, pipe supports and other accessories	44	lm	14,300.00
k.	Water pipe, 32mm O.D. (25mm N.D.), PP-R pipe, PN 20 pressure class, and its associated fittings, pipe supports and other accessories	280	lm	48,230.00
l.	Water pipe, 25mm O.D. (20mm N.D.), PP-R pipe, PN 20 pressure class, and its associated fittings, pipe supports and other accessories	64	lm	8,256.00
m.	Water pipe, 20mm O.D. (15mm N.D.), PP-R pipe, PN 20 pressure class, and its associated fittings, pipe supports and other accessories	16	lm	1,080.00
B.8	Spare parts for self-priming centrifugal pump from one(1) year operation as recommended by manufacturer and as specified in the technical specifications	1	Lot	6,500.00
e.	Painting of installed equipment, steel supports and /or touch-up coating for shop-painted surfaces	1	Lot	3,350.00
B.9	Excavation/backfilling, penetrations/chipping through walls and floors for piping	1	Lot	3,350.00
B.10	Installation, Test and Disinfection	1	Lot	4,280.00
B.11	Labor	1	Lot	106,508.00
<b>Sub-Total</b>				<b>390,723.00</b>
<b>C Electrical Works</b>				
C.1	50AF/20AT MCCB in NEMA 1 Enclosure	1	set	1,200.00
C.2	5.5 mm <sup>2</sup> , 600v, Heat Resistant Thermoplastic, (THHN/THWN-2). Copper conductor	1	lot	9,590.00
C.3	3.5mm <sup>2</sup> , 600v, Heat Resistant Thermoplastic, (THHN/THWN-2). Copper conductor	1	lot	1,680.00
C.4	20 mmØ Upvc with Boxes. Locknuts, with elbows and other Fillings	1	lot	3,200.00
C.5	Labor	1	lot	5,995.00
<b>Sub-Total</b>				<b>21,665.00</b>
<b>GRAND TOTAL</b>				<b>500,000.00</b>



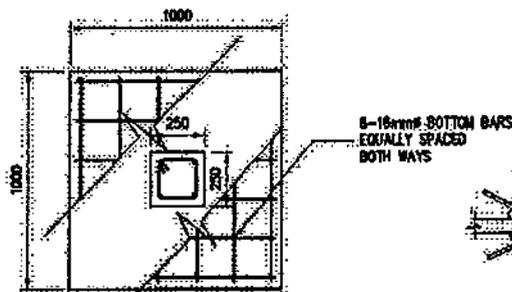
**ELEVATED WATER TANK**

SCALE 1:50



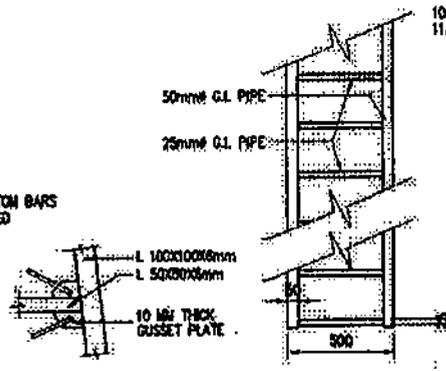
**SECTION A-A**

SCALE 1:50



**PLAN**

SCALE 1:20



**DETAIL A**

SCALE 1:25

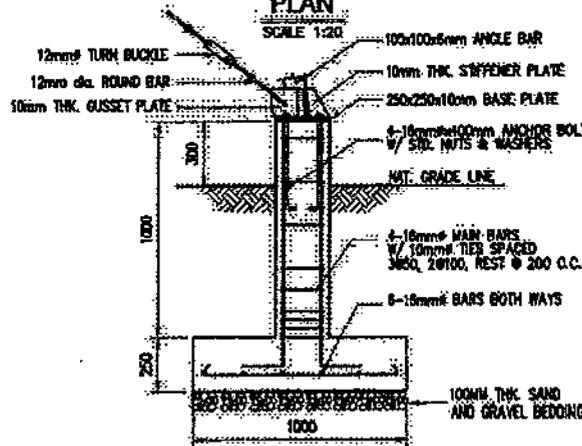
**DETAIL B**

SCALE 1:25



**FOUNDATION PLAN**

SCALE 1:75

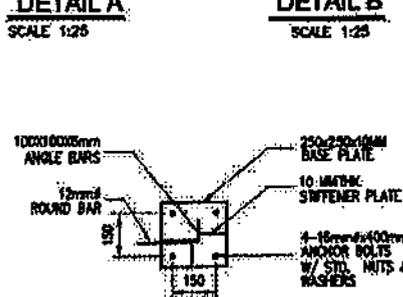


**ELEVATION**

SCALE 1:20

**FOUNDATION DETAILS**

SCALE 1:25



**BASE PLATE DETAIL**

SCALE 1:25

**NOTES:**

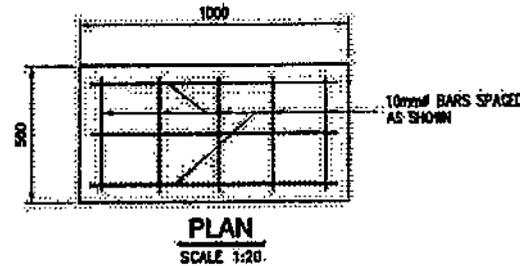
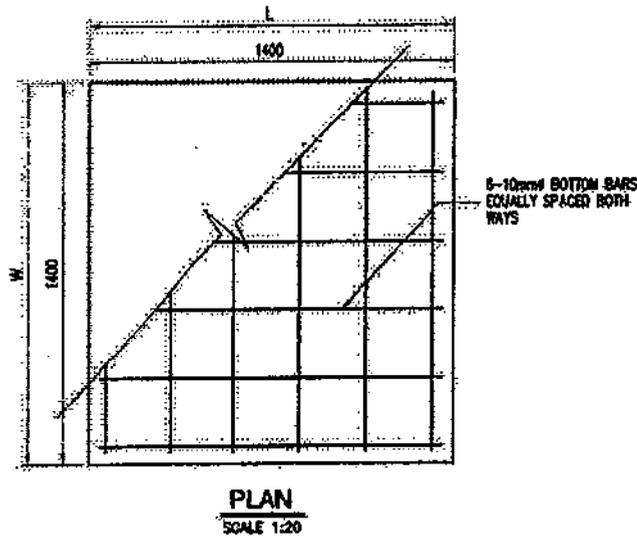
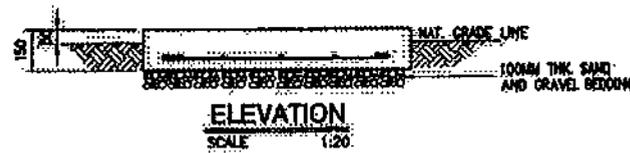
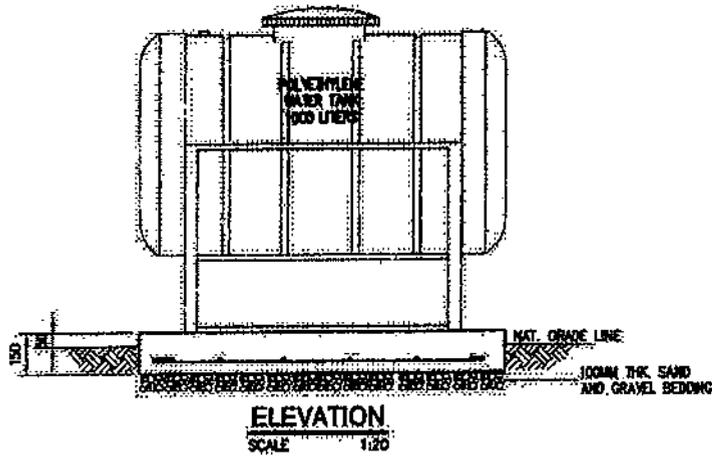
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE  $f_c = 20.70 \text{ MPa}$  AT 28 DAY PERIOD.
3. ALL REINFORCING STEEL BARS SHALL CONFORM TO THE REQUIREMENTS OF PNS: 98/2001 FOR DEFORMED STEEL BARS, GRADE 275.
4. DETAILS OF REINFORCING BARS (SPICES, BENDS, HOOKS, ETC.) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF ACI CODE.
5. ALL STRUCTURAL STEEL SHALL CONFORM TO SPECIFICATIONS OF A36 STEEL.
6. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISI SPECIFICATIONS AND CODE OF STANDARD PRACTICE.
7. BOLTS SHALL CONFORM TO ASTM A307 UNLESS OTHERWISE INDICATED.
8. WELDS ON GUSSET PLATES AND CONNECTIONS SHALL BE FILLET WELD ALL AROUND.
9. WELDING SHALL CONFORM TO E60: SERIES OF THE SPECIFICATIONS FOR MILD STEEL ARC WELDING ELECTRODES ASTM A233.
10. GUSSET PLATES SHALL BE 10MM THICK.
11. ALL ASPECTS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISION OF NPC SPECIFICATIONS AND ACI CODE.

OWNER:		<b>NATIONAL POWER CORPORATION</b> CARABEL Y. IPACEN BLDG. 604 LORAMP. CRYPTIC 360TH RD AYUSA (FORMERLY 2ND ROAD) CORNER QUEZON AVENUE DELMAR 1108 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR SRWAT OFFICE AND NURSERY			
LOCATION: SAN RODRIGUEZ, WATERBEND, BAKHAYAL, PANGLOSSAN			
TITLE: <b>ELEVATED WATER STORAGE TANK</b> (PLAN, SECTION, ELEVATION & DETAILS)			
DESIGNED	CHKD	DATE	SUBMITTED
DRAWN	CHKD		H. L. MENDOZA Principal Engineer, A. CERD
REVIEWED	PROJEN. ENGR. / ARCHT.		RECOMMENDED: A. C. ESPRITU Engr. III
CIVIL/ARCHT			APPROVED: G. B. MAGPOC, JR. Engr. III
ELEC.			
MISC.			
DPA NO. SRWAT-BDC-26.001		SPEC. NO. LUZP24Z1709S	

REV.	DATE	NAURE OF REVISION	BY	CHKD.	RECD.	APPD.

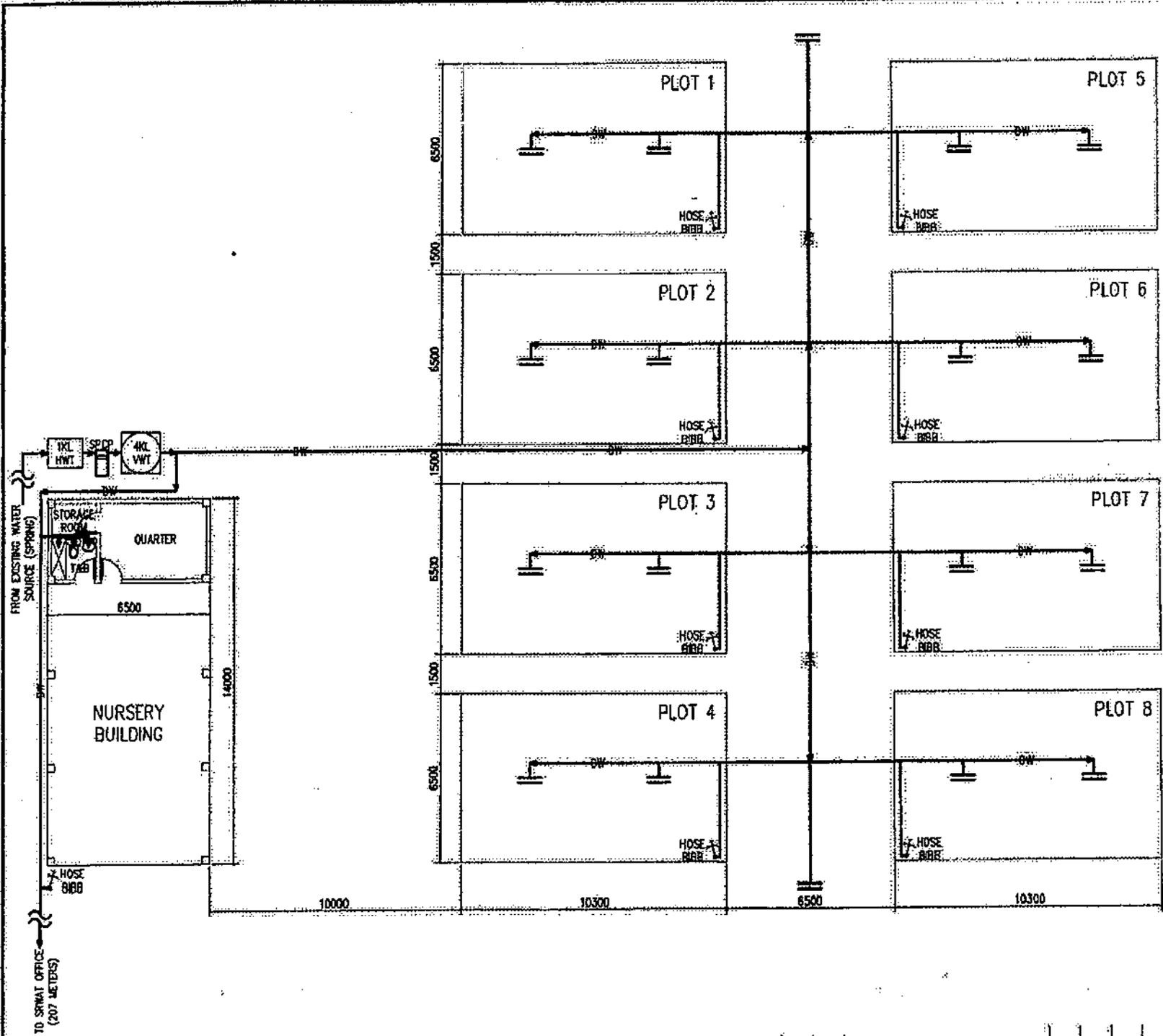
**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
2. FINAL ARRANGEMENT AND DIMENSIONS OF CONCRETE PAD SHALL BE DETERMINED AT SITE BY THE SUPPLIER SUBJECT TO NPC'S APPROVAL.
3. WORK THIS WITH MECHANICAL DRAWINGS.



 <b>NATIONAL POWER CORPORATION</b> GABRIEL ITCHON BLDG. BEN LURAY P. DEFENSOR-SANTOGO AVENUE (FORMERLY RR ROAD) CORNER BLAZON AVENUE, DELMONTE 1106 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR GRWAT OFFICE AND NURSERY.	
LOCATION: SAN RODRIGUE, WATERBURY, SAN MANUEL, PARRAGARAN	
<b>TITLE: HORIZONTAL WATER STORAGE TANK AND PUMP FOUNDATION</b> PLAN, ELEVATION & DETAILS	
DESIGNED: ENR CHECKED: ENR REVIEWED: PRINCIPAL ENGR. / ARCHT. DATE: _____ BY: _____ CHECK: _____	SUBMITTED: <b>H. L. MENDOZA</b> PROJECT MANAGER & COO. REVIEWED: <b>A. O. ESPRITU</b> APPROVED: <b>G. S. BAGPONG, JR.</b> PROJECT MANAGER
DWG. NO. <b>SRWAT-BDC-26.002</b>	SPEC. NO. <b>LuzP24217008</b>
SCALE: AS SHOWN	
<b>BID DRAWING</b>	
REV. 0	

REV.	DATE	NAME OF REVISION	BY	CHKD.	RECD.	APPD.

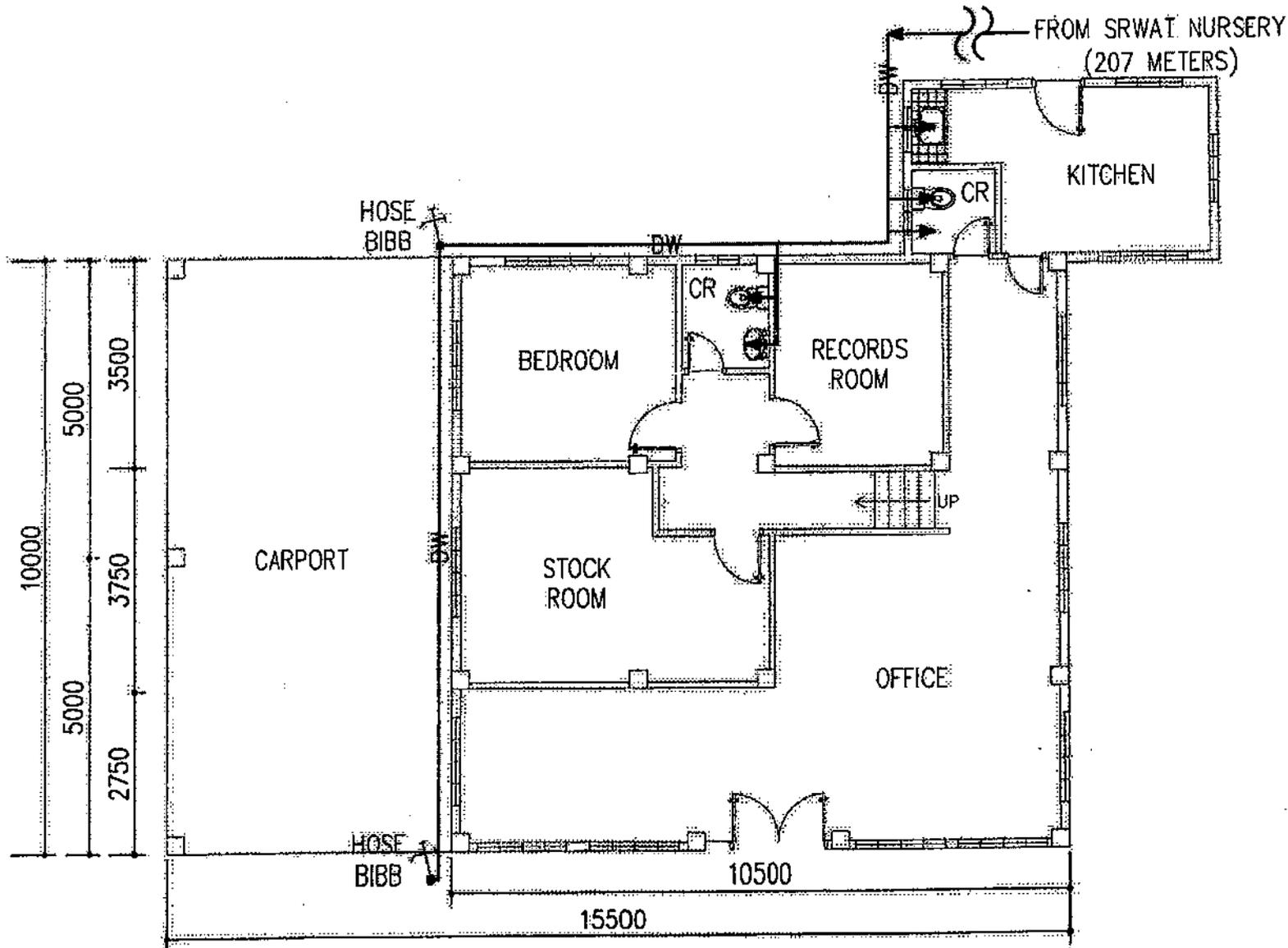


- NOTES:**
1. THIS DRAWING IS FOR BIDDING PURPOSES ONLY.
  2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
  3. ALL WORKS SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS.
  4. PIPING LAID UNDERGROUND SHALL NOT BE LESS THAN 300MM FROM THE GROUND SURFACE TO THE BOTTOM OF PIPE.
  5. FOR PIPES THAT CROSSES ROADWAYS, PIPE SLEEVE OF STEEL MATERIAL SHALL BE PROVIDED.
  6. ALL PIPES, VALVES, VALVE BOXES, FITTINGS, AND PIPE SUPPORTS SHALL BE INSTALLED FOR THE EFFICIENT AND PROPER OPERATION OF THE SYSTEM.
  7. ALL PIPES, VALVES AND OTHER EQUIPMENT BROCHURES/CATALOGUES SHALL BE SUBMITTED BY THE CONTRACTOR, FOR NPC'S REVIEW AND APPROVAL PRIOR TO PROCUREMENT/INSTALLATION.
  8. FINAL DETAILS AND ADJUSTMENT SHALL BE DONE IN THE FIELD BY THE CONTRACTOR DURING INSTALLATION TO SUIT ACTUAL SITE CONDITIONS. ALL WORKS SHALL BE EXECUTED IN CLOSE COORDINATION WITH ALL TRADES.

- LEGEND:**
- DW- - DOMESTIC WATER LINE
  - B- - BLIND FLANGE
  - HWT - HORIZONTAL WATER TANK
  - VWT - VERTICAL WATER TANK
  - SPCP - SELF-PRIMING CENTRIFUGAL PUMP

		<b>NATIONAL POWER CORPORATION</b> GABRIEL Y. ITCHON BLDG. 5th FLOOR, DEFENSOR-SANTIAGO AVENUE (FORMERLY BR. ROAD CORNER QUEZON AVENUE) DILMAN 100 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR SRWAT OFFICE AND NURSERY			
LOCATION: SAN ROQUE WATERBEND, SAN MANUEL PARISH, BANGALAY			
<b>TITLE:</b> <b>WATER PIPING LAYOUT</b> <b>(SRWAT NURSERY)</b>			
DESIGNED	BY	CHKD	DATE
DRAWN	DATE	APPROVED	
REVIEWED	PERSONAL WORK / IN CHG.		RECOMMENDED
CHECKED			APPROVED
ELEC			
MECH			
DWG. NO. SRWAT-BDM-26.001		RECD. NO. LUP24217095e	
SCALE 1:150		<b>BID DRAWING</b>	
REV. DATE		NATURE OF REVISION	
BY		CHG. NO.	
REQ.		APP.	

REV.	DATE	NATURE OF REVISION	BY	CHG. NO.	REQ.	APP.



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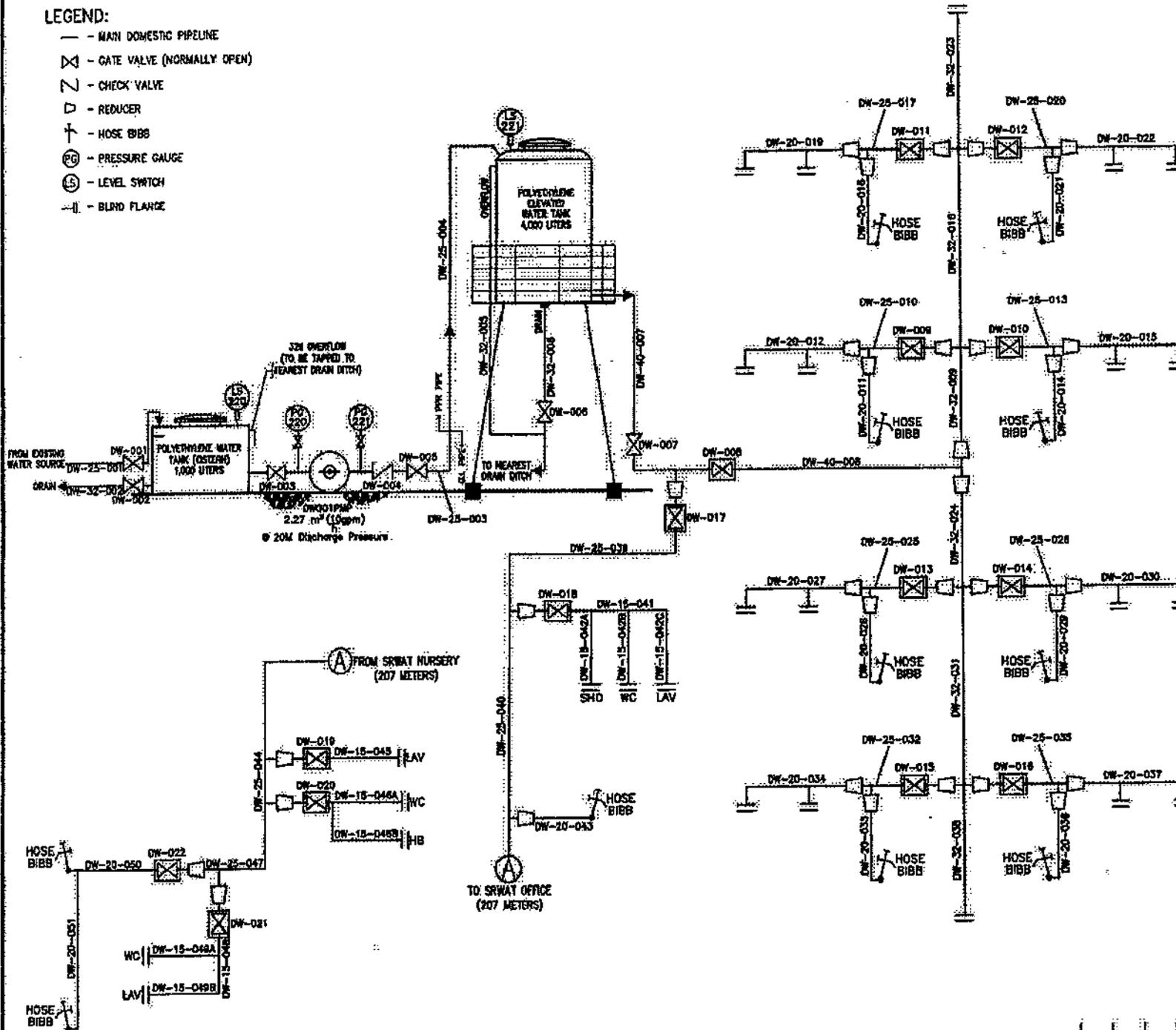
**LEGEND:**

— — — DOMESTIC WATER LINE

OWNER:		 <b>NATIONAL POWER CORPORATION</b> DANIEL Y. ITCHON BLDG. SEN. ANRIAN P. DEFENSOR SANTIAGO AVENUE FORMERLY BR. ROAD CORNER QUEZON AVENUE, TALAMON 1100 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR SRWAT OFFICE AND NURSERY			
LOCATION: SAN ROQUE WATERWORKS, SAN MARIN, PANAMA			
TITLE:		<b>WATER PIPING LAYOUT</b> <b>(SRWAT OFFICE)</b>	
DESIGNED:	BY:	CHKD:	DATE:
DESIGNED: LACR	BY: [Signature]	CHKD: [Signature]	DATE: [Date]
REVIEWED:	PRINCIPAL DESGN. / ARCHT.	RECOMMENDED:	[Signature]
REVIEWED: [Signature]	PRINCIPAL DESGN. / ARCHT.	RECOMMENDED: J/A [Signature]	[Signature]
FILED:		APPROVED:	[Signature]
FILED: [Signature]		APPROVED: [Signature]	[Signature]
DRAWING NO. SRWAT-BDM-26.002		PROJECT NO. LuzP24Z17098e	
SCALE: 1:75		BID DRAWING	

**LEGEND:**

- MAIN DOMESTIC PIPELINE
- ⊗ - GATE VALVE (NORMALLY OPEN)
- ∇ - CHECK VALVE
- ▷ - REDUCER
- ⊕ - HOSE BIBB
- ⊙ - PRESSURE GAUGE
- ⊕ - LEVEL SWITCH
- ⊥ - BLIND FLANGE

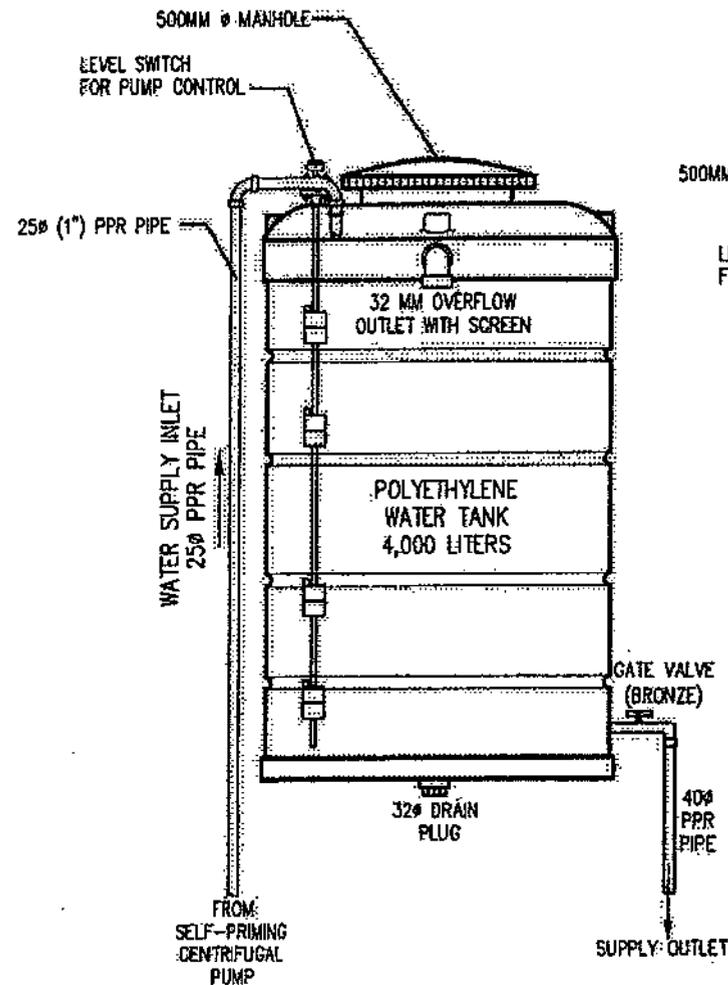


**NOTES:**

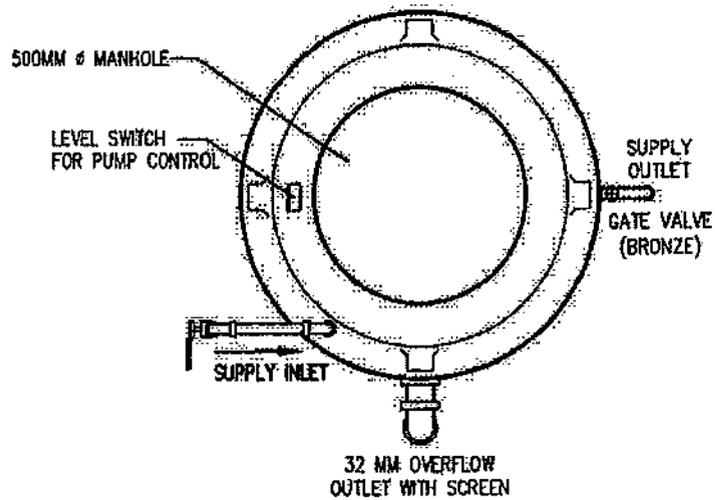
1. THIS DRAWING IS FOR BIDDING PURPOSES ONLY.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
3. ALL WORKS SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS.
4. PIPING SHALL BE EMBEDDED NOT LESS THAN 300MM FROM THE GROUND SURFACE TO THE BOTTOM OF PIPE.
5. FOR PIPES THAT CROSSES ROADWAYS, PIPE SLEEVE OF STEEL MATERIAL SHALL BE PROVIDED.
6. ALL PIPES, VALVES, VALVE BOXES, FITTINGS, AND PIPE SUPPORTS SHALL BE INSTALLED FOR THE EFFICIENT AND PROPER OPERATION OF THE SYSTEM.
7. ALL PUMP, TANK, PIPES AND VALVES' BROCHURES/CATALOGUES SHALL BE SUBMITTED BY THE CONTRACTOR, FOR NPC'S REVIEW AND APPROVAL PRIOR TO PROCUREMENT/INSTALLATION.
8. FINAL DETAILS AND ADJUSTMENT SHALL BE DONE IN THE FIELD BY THE CONTRACTOR DURING INSTALLATION TO SAT ACTUAL SITE CONDITIONS. ALL WORKS SHALL BE EXECUTED IN CLOSE COORDINATION WITH ALL TRADES.
9. ALL PIPE DIMENSIONS SHOWN ARE IN NOMINAL DIAMETER (MM) WITH THE FOLLOWING EQUIVALENTS:  
 65MM (2 1/2") = 75MM O.D. (OUTSIDE DIAMETER)  
 50MM (2") = 65MM O.D.  
 40MM (1 1/2") = 50MM O.D.  
 32MM (1 1/4") = 40MM O.D.  
 25MM (1") = 32MM O.D.  
 20MM (3/4") = 25MM O.D.  
 15MM (1/2") = 20MM O.D.

<b>NATIONAL POWER CORPORATION</b> GABRIEL Y. TONGAN BLDG., SEN. MELAN P. DEFENSOR-SANTIAGO AVENUE (FORMERLY JR. ROAD) CORNER QUEZON AVENUE, DILMAN 100 QUEZON CITY, PHILIPPINES			
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR SRWAT OFFICE AND NURSERY			
LOCATION: SAN ROGUE WATERWORKS, SAN RAFAEL, BANGALAMAN			
TITLE: <b>WATER SYSTEM (P AND I DIAGRAM)</b> <b>(SRWAT OFFICE &amp; NURSERY)</b>			
DESIGNED BY:	BY:	DATE:	APPROVED BY:
DRAWN BY:	BY:	DATE:	APPROVED BY:
CHECKED BY:	BY:	DATE:	APPROVED BY:
SCALE:	PROJECT NO. <b>SRWAT-BDM-26.003</b>		PROJECT NO. <b>LuzP24Z1709S</b>
SCALE: NTS		BID DRAWING	
REV.	DATE	NATURE OF REVISION	BY

REV.	DATE	NATURE OF REVISION	BY	CHKD.	RECD.	APPR.



**SIDE VIEW**



**TOP VIEW**

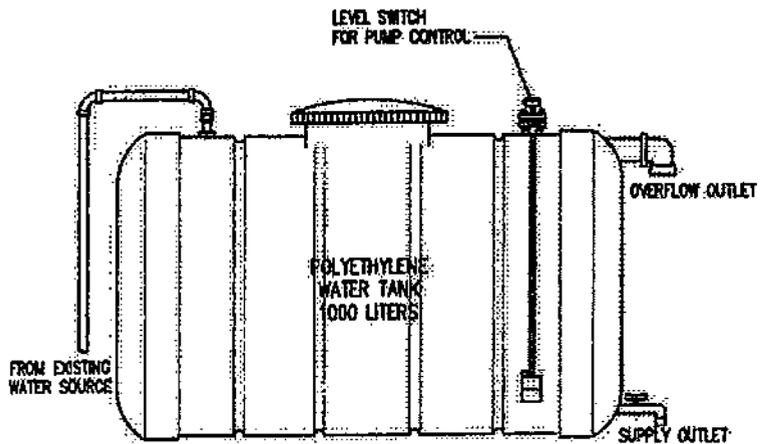


**4KL WATER STORAGE TANK**

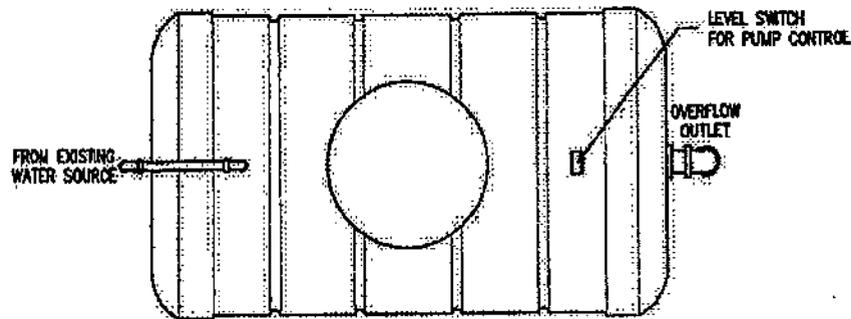
**NOTES:**

1. FINAL ARRANGEMENT AND DIMENSIONS SHALL BE DETERMINED AT SITE BY THE SUPPLIER SUBJECT TO NPC'S APPROVAL.
2. EQUIPMENT TO BE FURNISHED SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
3. ALL PIPE DIMENSIONS SHOWN IN ENGLISH UNITS ARE IN NOMINAL DIAMETER (MM) WITH THE FOLLOWING EQUIVALENTS:  
 65MM (2 1/2") = 76MM O.D. (OUTSIDE DIAMETER)  
 50MM (2") = 65MM O.D.  
 40MM (1 1/2") = 50MM O.D.  
 32MM (1 1/4") = 40MM O.D.  
 25MM (1") = 32MM O.D.  
 20MM (3/4") = 25MM O.D.  
 15MM (1/2") = 20MM O.D.

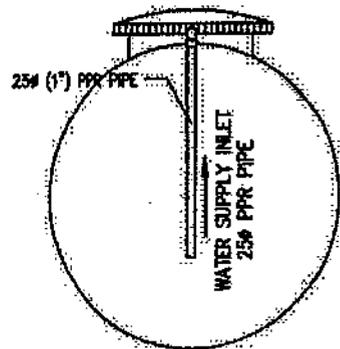
OWNER:		 <b>NATIONAL POWER CORPORATION</b> GABRIEL Y. TICHON BLDG., 5th FLOOR, DEFENSOR-SANTIAGO AVENUE (FORMERLY SR ROAD) CORNER QUEZON AVENUE, DELMAR 1100 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR SRWAT OFFICE AND NURSERY			
LOCALITY: SAN ROQUE WATERWORKS, SAN MARCEL, CAGAYAN			
TITLE:		<b>4KL VERTICAL WATER STORAGE TANK</b>	
DESIGNED	BY: LACR	DATE:	SUBMITTED: <i>[Signature]</i> REVIEWED: <i>[Signature]</i> APPROVED: <i>[Signature]</i> G. MAGPOC, JR.
DRAWN	LACR		
REVISIONS	PHOSOPHIC ENGR. FANCHY		
DATE/REVISION			
BY:			
DRAWING NO. SRWAT-BDM-26.004		REV. NO. LuzP24Z17993e	
REV.	DATE	DESCRIPTION OF REVISION	BY
SCALE: NTS		BID DRAWING	
			REV. 0



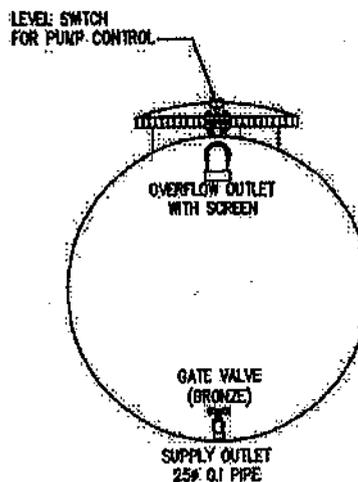
**FRONT VIEW**



**TOP VIEW**



**LEFT SIDE VIEW**



**RIGHT SIDE VIEW**

**NOTES:**

1. FINAL ARRANGEMENT AND DIMENSIONS SHALL BE DETERMINED AT SITE BY THE SUPPLIER SUBJECT TO NPC'S APPROVAL.
2. EQUIPMENT TO BE FURNISHED SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.
3. ALL PIPE DIMENSIONS SHOWN IN ENGLISH UNITS ARE IN NOMINAL DIAMETER (MM) WITH THE FOLLOWING EQUIVALENTS:  
 65MM (2 1/2") = 75MM O.D. (OUTSIDE DIAMETER)  
 50MM (2") = 65MM O.D.  
 40MM (1 1/2") = 50MM O.D.  
 32MM (1 1/4") = 40MM O.D.  
 25MM (1") = 32MM O.D.  
 20MM (3/4") = 25MM O.D.  
 15MM (1/2") = 20MM O.D.

**1KL WATER STORAGE TANK**

OWNER		 <b>NATIONAL POWER CORPORATION</b> GABRIEL Y. ITICOM BLDG., GEN. MIRIAM P. DEVENOR-SANTIAGO AVENUE (FORMERLY BIR ROAD) CORNER QUEZON AVENUE, DELMART 1100 QUEZON CITY, PHILIPPINES	
PROJECT: SUPPLY, DELIVERY, METALLATION AND TEST OF NEW WATER SUPPLY SYSTEM FOR BRWAY OFFICE AND NURSERY			
LOCATION: SAN ROQUE WATER TREATMENT PLANT, SAN RAFAEL, CAGAYAN			
TITLE: <b>1KL HORIZONTAL WATER STORAGE TANK</b>			
DESIGNED	BY	DATE	SUBMITTED: <i>[Signature]</i> CHECKED: <i>[Signature]</i> APPROVED: <i>[Signature]</i> G. MAGPOC, JR.
DRAWN	LACK		
REVIEWED	PRINCIPAL ENGINEER		
CALCULATED			
ELEC.			
MECH.			
DWG. NO. SRWAT-BOM-26.005		SPEC. NO. LuzP24Z17099c	
SCALE: NTS		BID DRAWING	
REV. DATE		NATURE OF REVISION	

REV.	DATE	NATURE OF REVISION	BY	CHECKED	RECD.	APPR.

**Omnibus Sworn Statement (Revised)**  
*[shall be submitted with the Bid]*

REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

**AFFIDAVIT**

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical

Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

[Jurat]

*[Format shall be based on the latest Rules on Notarial Practice]*