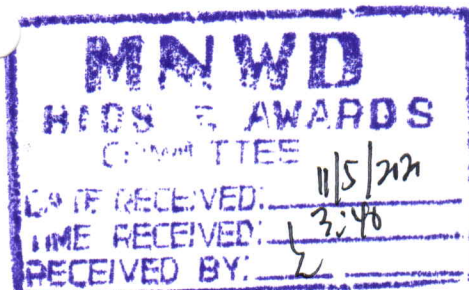


CONTRACT AGREEMENT



CONTRACT ID. NO. INFRA 2020-012: SUPPLY, BUILD, INSTALLATION, COMMISSIONING, AND PROCESS PROVING OF FIVE (5) MLD BICOL RIVER SURFACE WATER TREATMENT PLANT

KNOW ALL MEN BY THESE PRESENTS:

This AGREEMENT entered into in the City of Naga, this 05 NOV 2020, 2020, by and between:

The **METROPOLITAN NAGA WATER DISTRICT (MNWD)**, a Government Owned and Controlled Corporation, duly organized and existing under PD 198, (otherwise known as the Provincial Water Utilities Act of 1973), as amended, with principal office at no. 40 J. Miranda Avenue, Naga City, Philippines, represented by **VIRGILIO B. LUANSING I**, General Manager A per Board Resolution No. 115, Series of 2018 dated August 23, 2018, hereinafter referred to as the **OWNER**;

- and -

GLOBAL SUPPLY SOLUTIONS CORPORATION, duly organized and existing by virtue of the laws of the Republic of the Philippines, with office address at Unit 315 Armons Building 142 Anonas St., Cor. Kamias Rd., East Kamias, Quezon City, Metro Manila, Philippines, represented herein by **REYNATO A. ELORTA**, Authorized Managing Officer, hereinafter referred to as the **CONTRACTOR**.

WITNESSETH:

WHEREAS, the owner under its Contract I.D. No. INFRA 2020-012 is in need of a contractor for the SUPPLY, BUILD, INSTALLATION, COMMISSIONING, AND PROCESS PROVING OF FIVE (5) MLD BICOL RIVER SURFACE WATER TREATMENT PLANT;

WHEREAS, after undergoing an open and competitive bidding the contractors bid price of **₱ 120,017,383.71**, was declared as the winning bid price.

That for and in consideration of the sum **ONE HUNDRED TWENTY MILLION SEVENTEEN THOUSAND THREE HUNDRED EIGHTY THREE PESOS AND 71/100 (₱ 120,017,383.71)**, the **CONTRACTOR** agrees and undertakes to perform the installation project under Contract I.D. No. INFRA 2020-012 under the following terms and conditions, to wit:

1. That the contractor shall furnish all labor and materials for the project and complete said project within THREE HUNDRED SIXTY (360) calendar days in accordance with the approved implementation schedule (Bar Chart) hereto attached as Annex "A" including but not limited to all of the provisions enumerated in the bid documents, which shall be attached herein and deemed to form, and be read and construed as part of this agreement, to wit:
 - a. General and Special Conditions of Contract;
 - b. Drawings/Plans;
 - c. Specifications;
 - d. Invitation to Apply for Eligibility and to Bid;

- e. Instructions to Bidders;
 - f. Bid Data Sheet;
 - g. Addenda and/or Supplemental/Bid Bulletins, if any;
 - h. Bid Form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes;
 - i. Eligibility Requirements, documents and/or statements;
 - j. Performance Security;
 - k. Credit line issued by a licensed bank, if any;
 - l. Notice of Award of Contract and the Bidder's conformance thereto;
 - m. Other Contract documents that may be required by existing laws and/or the Entity.
2. That the contractor for and in consideration of the payments to be made by the MNWD, warrants that any defects or sub-standard materials in the works contracted to be done shall be corrected and or replaced at the option of the MNWD by the contractor immediately in accordance with the plans and specification provided for in the contract at **no additional expense to the owner.**
3. That the MNWD hereby agree/covenants to pay the CONTRACTOR in consideration of the execution and completion of the contracted WORKS at the unit prices in the TENDER, at the time in the manner prescribed by the CONTRACT and specified in the BID. It is however understood that the quantities listed in the PROPOSAL do not govern final payment, hence payment to the CONTRACTOR will be made only for actual quantities of contract items performed in accordance with the plans and specifications and duly accepted in writing by the MNWD.
4. Further, it is understood and agreed that the following items and quantities are also deemed included in the scope work:

CONTRACT ID. NO. INFRA 2020-012: SUPPLY, BUILD, INSTALLATION, COMMISSIONING, AND PROCESS PROVING OF FIVE (5) MLD BICOL RIVER SURFACE WATER TREATMENT PLANT

ITEM No.	TREATMENT COMPONENT	Qty	Unit	Unit Cost (Pesos)	Total Price
I.	SUPPLY, BUILD, INSTALLATION, COMMISSIONING AND PROCESS PROVING OF FIVE (5) MLD BICOL RIVER SURFACE WATER TREATMENT PLANT				
A.	SITE DEVELOPMENT AND GENERAL REQUIREMENTS				
A.1	General Requirements				
1	Mobilization/Demobilization	1	lot	433,350.00	433,350.00
2	Permits and Regulatory Compliance	1	lot	1,713,808.73	1,713,808.73
3	Temporary/Engineer's Facilities				
	a. Manpower Quarters (Barracks)	1	lot	192,022.20	192,022.20
	b. Engineer's Quarters	1	lot	128,400.00	128,400.00
	c. Power Utility	1	lot	128,400.00	128,400.00
	d. Water Utility	1	lot	66,768.00	66,768.00
	e. Personnel Communications	1	lot	25,680.00	25,680.00
	f. Site Warehouse and Fabrication Area	1	lot	192,022.20	192,022.20
	g. Site Office	1	lot	234,394.20	234,394.20
	h. Office Consumables (Paper, Ink, Supplies, etc.)	1	lot	13,610.40	13,610.40

	i. Office Furnishings (Tables, Chairs, Filing Cabinets)	1	lot	118,128.00	118,128.00
	j. Site Water and Electrical Connection	1	lot	136,104.00	136,104.00
4	Health & Safety Requirements	1	lot	446,832.00	446,832.00
5	Engineering Design & Project Management				
	a. Project Management	1	lot	642,000.00	642,000.00
	b. Structural, Mechanical, Electrical and Sanitary Design, Soil Testing (within limits of WTP scope only)	1	lot	1,964,520.00	1,964,520.00
	c. Office Documentation, Shop Drawings and Asbuilt Plans	1	lot	256,800.00	256,800.00
A.2.	Site Development Works -WTP Area				
1	Site Clearing and Grubbing	1,500	sq.m.	339.147	508,720.50
2	Site Grading and Levelling	1,500	sq.m.	484.496	726,744.00
3	Subgrade Preparation and Compaction	200	cu.m.	2,840.85	568,170.00
4	Soil Stabilization and Improvement Works	1,800	cu.m.	1,701.30	3,062,340.00
5	Perimeter Fence (6" CHB combination with Cyclone Wire)	300	lm	8,275.808	2,482,742.40
6	Entrance Gate and Utility Gate (5.0m width Light Steel, Fully Welded)	1	lot	199,405.20	199,405.20
7	Internal Site Drainage (interconnection to existing outfall - by others)	135	lm	6,681.556	902,010.06
8	Gravel Surfacing (50mm thk)	150	cu.m.	2,609.088	391,363.20
9	Care of Water (Dewatering, etc)	1	lot	169,488.00	169,488.00
TOTAL OF ITEM A				15,703,823.09	
B.	INTAKE STRUCTURE				
1	Intake Structure 5MLD Capacity	1	lot	6,134,952.00	6,134,952.00
TOTAL OF ITEM B				6,134,952.00	
C.	TREATMENT FACILITY PROCESSES & TECHNOLOGY AND CIVIL WORKS				
C.1	WTP Treatment Process and Technology				
1	5MLD (Two Trains at 500NTU) Tube-Settler Clarifier inclusive of all electro-mechanical works, appurtenances, installation, star-up and supervision within WTP system				
	a. Intake Pump with Soft Starter and Appurtenances	1	lot	2,413,406.40	2,413,406.40
	b. Flocculation and Coagulation Tanks with mixers and Ancillaries	1	lot	6,562,333.97	6,562,333.97
	c. Tube-Settler Clarifier Systems	1	lot	3,300,742.85	3,300,742.85
	d. Yard Piping, Valves, Fittings, and Accessories	1	lot	3,416,641.82	3,416,641.82

	e. Local Control Panel	1	lot	6,040,297.57	6,040,297.57
2	A. 5MLD (Two Trains at 500NTU) Flat Sheets UF (Using Flat-Sheet Ultrafiltration Membrane Modules with Filter Pore Size ranges from a minimum of 0.03micron up to 0.05micron) - fully automated; inclusive of all electro-mechanical works, appurtenances, installation, start-up and supervision within WTP system	1	lot	59,994,106.49	59,994,106.49
	1) UF Membrane Module				
	2) Automation Valves/ Pneumatic/ Solenoid Valves & Compressor				
	3) Permeate Extraction Pump (3 Units; 2 Duty, standby)				
	4) Air Scouring Blower (3 Units; 2 Duty, standby)				
	5) Measuring Instrument				
	On-line monitoring meters				
	a) Raw Water Turbidity Meter				
	b) Raw Water pH Meter				
	c) Raw Water Flow Meter				
	d) Treated Water Turbidity Meter				
	e) Treated Water Chlorine and pH Meter				
	f) Treated Water Flow Meter				
	g) Level Switch				
	h) Pressure Transmitter				
	6) Control Panel with Chemview Control System				
	7) Piping Installation				
	8) Tube Settlers (for clarifier)				
	9) Wiring Installation				
	10) Dosing Skid, 4 Units Chemical Tanks and 6 units Dosing Pumps				
	11) Testing & Commissioning				
	B. Installation	1	lot	3,066,192.00	3,066,192.00
	C.2. Civil Works				
1	Clarifier Tank Foundation, UF Tank, pH Adjustment Tank, Coagulation Tank (2 units)				
	a. Excavation	150	cu.m.	1,245.48	186,822.00
	b. Backfill/Compaction	30	cu.m.	1,279.72	38,391.60
	c. Disposal	120	cu.m.	256.80	30,816.00
	d. Gravel Bedding (100mm thk)	30	cu.m.	2,392.52	71,775.60
	e. Lean Concrete (100mm thk - 2000psi @ 28days)	30	cu.m.	6,593.34	197,800.20
	f. Structural Concrete 4000psi @ 28days	240	cu.m.	10,316.94	2,476,065.60

	g. Rebars (G40/G60)	28,820	kgs	80.105	2,308,632.10
	h. Formworks	975	sq.m.	1,195.108	1,165,230.30
	i. Interior Waterproofing	650	sq.m.	1,455.503	946,076.95
	j. PVC Waterstop 3/16 x 6" with Centerbulb	284	lm	1,805.286	512,701.224
	k. Exterior Painting Works	488	sq.m.	861.964	420,638.432
	l. Exterior Plastering/Finishing	488	sq.m.	877.751	428,342.488
	m. Miscellaneous Metal Works (Staircase, Hatch, Ladder, Supports, etc.)	1	lot	1,135,954.80	1,135,954.80
	o. Miscellaneous Testing	1	lot	353,998.80	353,998.80
2	Sludge Canal/Lagoon/Drain Vault				
	a. Excavation	200	cu.m.	1,120.932	224,186.40
	b. Backfill/Compaction	60	cu.m.	1,138.48	68,308.80
	c. Disposal	140	cu.m.	275.143	38,520.02
	d. Gravel Bedding (100mm thk)	7	cu.m.	3,980.40	27,862.80
	e. Lean Concrete (100mm thk - 2000psi @ 28days)	7	cu.m.	8,125.886	56,881.202
	f. Slope Protection (blue sheets only)	168	sq.m.	743.65	124,933.20
	g. Structural Concrete 4000psi @ 28days	40	cu.m.	10,660.41	426,416.40
	h. Rebars (G40/G60)	4800	kgs	86.55	415,440.00
	i. Miscellaneous Works	1	lot	180,723.00	180,723.00
	j. Pipes and Accessories	1	lot	297,310.20	297,310.20
	k. Line Waterproofing	130	sq.m.	1,457.34	189,454.20
3	Power and Control House(30sq.m.)	1	lot	1,061,611.20	1,061,611.20
TOTAL OF ITEM C					98,178,608.62
TOTAL					120,017,383.71

5. The CONTRACTOR may submit a request for payment for Work already accomplished. However such request for payment shall be verified and certified in writing by the MNWD's Representative/Project Engineer. Except as otherwise stipulated in the SPECIAL CONDITION OF CONTRACT (SCC), materials and equipment delivered on the site but not completely installed and put in place **shall not be included for payment**. Provided further that The MNWD shall have the option to deduct the following from the certified gross amounts to be paid to the CONTRACTOR as progress payment, to wit:

- Cumulative value of the work previously certified and paid for.
- Advance payment to be recouped for this billing.
- Retention money in accordance with the condition of contract.
- Amount to cover third party liabilities.
- Amount to cover uncorrected discovered defects in the works.
- Amount covering delays and/or defaults and/or failure to perform according to submitted or required percentage or stages of completion

6. That parties agree that payments shall be adjusted by deducting from the amounts for advance payments and retention. Provided however that the MNWD shall pay the CONTRACTOR only the amounts certified in writing by the MNWD's Representative within twenty eight (28) days from the date each certificate was issued. It is however understood that No payment of interest for delayed payments and adjustments shall be made against the MNWD or charged to it.

That at the option of the owner (MNWD), the first progress payment may be paid by the MNWD to the CONTRACTOR provided that at least twenty percent (20%) of the work has been accomplished as certified in writing by the MNWD's Representative.

7. That the Implementing Rules and Regulations (IRR) – A of Republic Act (R.A.) No. 9184, otherwise known as the Government Procurement Reform Act, other existing laws, decrees, executive and administrative orders, circulars and local ordinances issued by proper authorities affecting government construction projects, as well as the guidelines for the Completion and payments of price Escalation on infrastructure Contracts adopted and approved by the Government, shall form and made an integral part of this Contract/Agreement
8. That this CONTRACT shall not take effect until the CONTRACTOR has furnished and delivered to the MNWD a Performance Bond from a bonding company that is fully acceptable to the MNWD in the form and amount as required in the Instructions to Bidders.
9. In the event the CONTRACTOR fails and or refuses to complete the work contracted within the specified contract time agreed upon in this contract or in the event an extension of time is granted for justifiable reasons by the owner, the CONTRACTOR upon default or failure to complete the work obligates himself and warrants to pay the MNWD liquidated damages, (not by way of penalty), an amount equivalent to no less than one-tenth of one percent (0.1%) of the total cost of the project per day of delay plus incidental expenses. In case the cumulative amount of liquidated damages reaches ten percent (10%) or more of the amount of the contract, the MNWD shall have the option to file the appropriate action or remedies in the judicial Courts of the City of Naga. Further the MNWD may likewise also impose additional liquidated damages against the contractor as provided for in the “Instruction to Bidders”.
10. In event the delay in the completion of the work as contracted exceeds a time duration equivalent to ten percent (10%) of the specified contract time or despite extension duly granted to the contractor, the MNWD shall have the option to automatically and unilaterally rescind the contract without need of court action, forfeit the contractor's performance security bond and immediately take over physical possession and control of the project and/or award the same to a qualified contractor by negotiated contract.
11. The CONTRACTOR warrants and obligates himself/itself to comply with, and strictly observe, all laws and or local laws and ordinances regarding workmen's welfare, compensation of injuries, minimum wages, hours of labor, and other labor laws and be solely and exclusively liable for his/its employees undertaking the works in this project.
12. The CONTRACTOR warrants that he/she has not given nor promised to give any money or gift to any employee of the MNWD (or any Philippine Government Instrumentality) to secure this CONTRACT.
13. The parties agree that the joint guidelines in Change Orders, Extra Work Orders, etc. as provided under the pertinent provisions of the Implementing Rules and Guidelines of the R.A. #9184 are hereby incorporated as part of this Contract.
14. The contractor agree that the defects' liability for infrastructure project shall be one (1) year from project completion up to final acceptance by the MNWD. During this period, the CONTRACTOR shall undertake the repair of works, at his own expense, of any damage to the works on account of the use of materials of inferior quality within ninety (90) days from the time the Contractor or any of his field officer had constructive or actual knowledge of repairs to be undertaken without need for an Order to undertake repair. In case of failure or refusal to comply with this mandate the MNWD shall undertake such repair works and shall be entitled to full reimbursement of all expenses incurred on demand to the contractor.
15. That after final **acceptance** of the project by the MNWD, the CONTRACTOR shall be liable

and held responsible for the project within the ten (10) years warranty period from the final acceptance, except those occasioned by *force majeure* and those caused by third parties.

16. In the event of structural defects/failure occurring within the applicable warranty period provided above, the MNWD shall undertake the necessary restoration or reconstruction works and shall be entitled to full reimbursement from the parties found to be liable for the expenses incurred thereto and immediately demandable from said parties without prejudice to the filing of appropriate administrative civil, and/or criminal charges against the responsible persons as well as the forfeiture of bonds, warranty, or securities posted in favor of the MNWD if any.
17. It is agreed by the parties that the required amount for the above forms of security in this contract shall be in accordance with the following schedule:

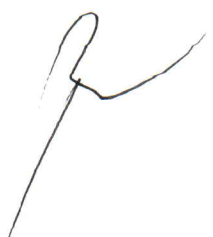

Form of Warranty	Minimum Amount in Percentage (%) of Total Contract Price
1. Cash, certified check, cashier's check, manager's check, bank draft or irrevocable letter of credit	Five Percent (5%)
2. Bank guarantee	Ten Percent (10%)
3. Surety bond	Thirty Percent (30%)

The required amounts of bonds warranty or security shall be stated in Philippine Pesos or as per determined percentage based on the contract price, and shall remain effective during the applicable warranty period as stated in Item No. 14 hereof and shall be returned only after the lapse of the said warranty period.

18. The parties agree that the MNWD shall have the right to terminate automatically this Contract in the event that the CONTRACTOR incurs a fifteen percent (15%), or greater slippage in every stage of completion or progress report schedule or in the prosecution of the overall work evaluated against the project schedule, or at any stage of the project when delays is/are made or when furthering the work becomes prejudicial or disadvantageous to the MNWD.
19. If any and all disputes arising from the implementation of this contract covered by the act and this IRR-A is submitted to arbitration in the Philippines according to the provision of R.A. # 876, otherwise known as the "Arbitration Law", are within the competence of the Construction Industry Arbitration Commission (CIAC) to resolve may be referred thereto. The process of arbitration shall be incorporated in a provision in the contract that will be executed pursuant to said act and this IRR-A. Provided, further, that, by Mutual Agreement, the parties may agree in writing to resort to other alternative modes of dispute resolution. In case of disagreement between Parties, the Law on Arbitration may apply at the option of MNWD. However in case of litigation arising out of this Contract or if the arbitration procedure has failed to solve the case, the Parties hereto agree that its venue shall be exclusively the proper Court in Naga City, Camarines Sur to the exclusion of any other court where so ever, under the laws of the Republic of the Philippine at the option of the MNWD.
20. Any and all previous contract or agreement involving this project which are inconsistent with this contract, are deemed automatically cancelled and rendered of no effect by the parties.
21. AMENDMENT: That this contract shall not be deemed changed, amended, modified or extended in any manner whatsoever, unless such change, amendment, modification or extension be in writing duly signed by both parties herein, and any doubt in the interpretation of any word or provision in this contract shall always be interpreted in favor of the owner (MNWD).



7



IN WITNESS WHEREOF, the parties hereto set their respective hands on the day, month and year first above written.

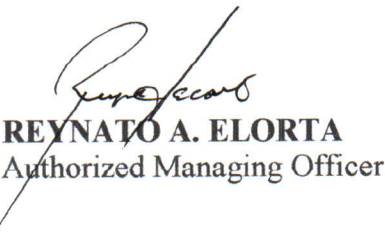
METROPOLITAN NAGA
WATER DISTRICT

GLOBAL SUPPLY SOLUTIONS
CORPORATION

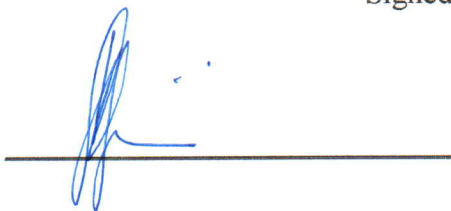
By:

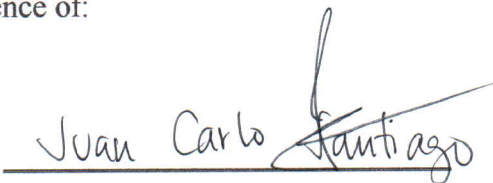
By:


VIRGILIO B. LUANSING I
General Manager A


REYNATO A. ELORTA
Authorized Managing Officer

Signed in the Presence of:




Juan Carlo Santiago

ACKNOWLEDGEMENT

Republic of the Philippines)
City of Naga) S. S.

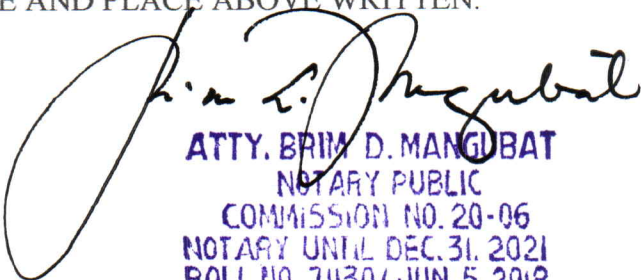
BEFORE ME, this 05 NOV 2020, 2020 at Naga City, Philippines,
personally appeared the affiants showing to me their respective identification:

	I.D. No.	Issued By	Dated Issued	Valid Until
VIRGILIO B. LUANSING I	000-068	MNWD		
REYNATO A. ELORTA	02-05-008306	LTO	04/20/2018	12/09/2021

with pictures and current signatures thereon, and known to me and to me known to be the same persons who executed the foregoing instrument, that the said deed is the true and faithful act of the affiant/s as well as the Corporation/Water District represented and they acknowledge to me that the same are their free voluntary acts and deeds. This Construction CONTRACT AGREEMENT consists of 8 pages including this page on which this acknowledgement is written.

WITNESS MY HAND AND SEAL ON THE DATE AND PLACE ABOVE WRITTEN.

Doc. No. 135
Page No. 28
Book No. V
Series of 2020.
CA-infra2020-012


ATTY. BRIM D. MANGUBAT
NOTARY PUBLIC
COMMISSION NO. 20-06
NOTARY UNTIL DEC. 31, 2021
ROLL NO. 71130 / JUN. 5, 2018
IPI NO. 117205 / NOV. 27, 2019
PIR NO. 5842062 / JAN. 10, 2020
NAGA CITY, CAM. SUR

ENGINEERING AND ENVIRONMENT DEPARTMENT
IMPLEMENTATION SCHEDULE (BAR CHART)

SUPPLY, BUILD, INSTALLATION, COMMISSIONING AND PROCESS PROVING OF FIVE (5) MLD BICOL RIVER SURFACE WATER TREATMENT PLANT (INFRA 2020-012)

Sitio Pagdaicon, Bgy. Mabolo, Naga City

IMPLEMENTATION SCHEDULE (BAR CHART)

[illegible]

Planned

Prepared by:

Checked by:

Recommending Approval:

Approved:

Confirme:

SHARMAINE E. BRACIA
BRDOL

SONJUNO. MILLARES
QIC. 6000

VICENTE ANEÇITO D. RUBIO
Department Manager A, EED & OIC-AGM, O&TS

VIRGILIO B. LUANSING I
General Manager A

REYNATO A. ELORTA
Global Supply Solutions Corporation