

BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE PROJECTS (BAC-I)

SITE DEVELOPMENT OF THE 65-HECTARE RELOCATION SITE IN NEW CLARK CITY (NCC)

BID BULLETIN NO. 02

This Bid Bulletin contains clarifications raised during the Pre-Bid Conference held on 08 March 2024, as well as queries sent by prospective bidders via email, and other matters relating to the Project.

I. QUERIES/QUESTIONS BY THE PROSPECTIVE BIDDERS

	Queries/Questions	Clarifications / Responses
Othe	r queries received through email or	formal correspondence:
Q1.	Bill of Quantities - PART S	
	Who will provide the Telephone Cabinet? Is this included in our scope? Please provide the details.	Contractor scope includes the complete supply of all needed materials, equipment, tools, consumables, and construction supervision for the Telephone Cabinet to be installed in the Electrical Room. Shop drawings must be submitted for approval.
1.0	Courtolle	Specification: OUTDOOR NEMA 4X CONCRETE PAD MOUNTED INSTALLED BESIDE THE DPNL WITH LOCKABLE DOOR Polyvinyl Chloride (PVC/uPVC), 50mm Dia
Q2.	Based on ITB Clause 5.2, the SLCC refers to: 1. Site Development Works 2. Roads/Highways. May we possibly know if our attached	Road and Highway and Site Development works should have the majority in the scope of contract to be used as SLCC for this project.

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completed project is acceptable and/or eligible to use as SLCC for the project?

Q3. Drawing No. C5.03 - Water Plan Lavout:

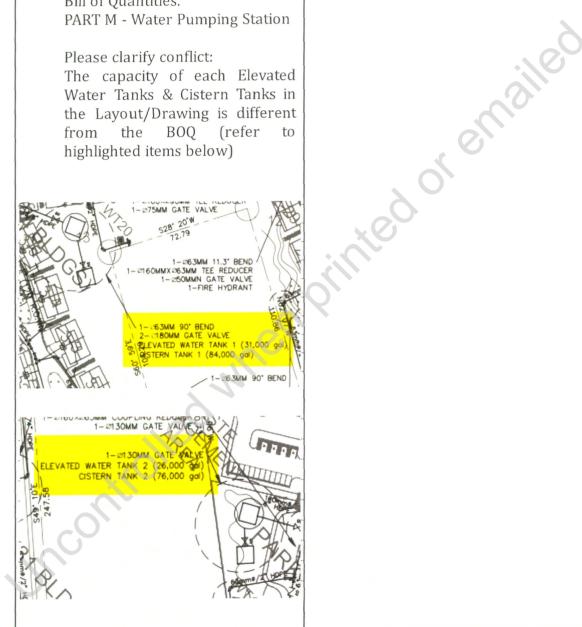
Bill of Quantities.

PART M - Water Pumping Station

Please clarify conflict:

The capacity of each Elevated Water Tanks & Cistern Tanks in the Layout/Drawing is different the BOQ (refer from highlighted items below)

The capacity on the Plans shall govern.



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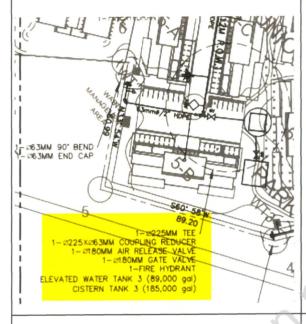
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PART M - WATER PUMPING SYSTEM

30,000 Gals Elevated Water Tank including Cistern Tank and Pumping Accessories

86,000 Gals Elevated Water Tank including Cistern Tank and Pumping Accessories



Q4. Request for Extension.

We are writing to your good office to formally request for a 15-days extension of submission and opening of bids, due to long weekend (Holy Week). This may give us ample time to fully complete all the required documents.

We can no longer accommodate extensions on the submission of bids. The date of submission and opening on 22 April 2024 shall be retained.

ried or emailer

Q5. Item A.1.1(1) Construction of Combined Field Office, Laboratory and Living Quarters Building for the Engineer = 1 Lump Sum.

For the Construction of Combined Field Office, Laboratory and Living Quarters Building for the Engineer, the area is 302 square meters.

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Kindly provide the size of the building, plan and specifications which are not included in the

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- Q6. Item A.1.1(14) Provision Furnitures/Fixtures, Equipment and Appliances for the Field Office 'for the Engineer = 1 Lump Sum
 - 1. Kindly provide us the list (with quantity and specification) of Furniture/Fixture and appliances for the Field Office of the Engineer which are not specified in the given Bid documents.
 - provide also Shall we Equipment Furniture/Fixture, Living **Appliances** Building Quarters for the Engineer? if yes, kindly provide Furniture, list of Equipment and Appliances.

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For Furnitures/ Fixtures, Equipments and Appliances for the Field Office for the Engineer:

- 1. 21 units laptop (Intel Core I7 16GB RAM 1GB Video card, 1 TB HDD w/ Windows 10)
- 2.1 12 seater conference table

(PX5 BS2400)

- 3. 21 office table with chair (Alpha Series AS1004-Table/Fonzi Office Chair)
- 4. 21 office cabinet (SOHO 2 Drawer Vertical Filing Cabinet
- 5. 10 office rack (OFIX 5-layer Glass-Metal Swing Door Cabinet)
- 6. 16 units air conditioner (Window type 1.5 HP)
- 7. 20 pcs. monoblock chairs
- 8. 2 dining table (Rectangular Plastic Table 36" x 60")
- 9. Refrigerator (8cu.ft/two-door/digital inverter, 25 liters microwave oven, 2 burner electric stove/4.3 KW, 2 sets plate rack large capacity)
- 10. 8 heavy duty double deck frame with foam.

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		II. See answer on the 1st question above.
Q7.	Item A.1.1(15) Operation and Maintenance of Temporary Field Office, Laboratory and Living Quarters for the Engineer = 1 Lump Sum Kindly provide us the list and quantity of consumable materiais to be supplied monthly at Temporary Field Office, Laboratory and Living Quarter for the Engineer which are not included in the given Bid documents.	These are the list of consumable materials to be supplied monthly: 1. Electricity bills 2. Water Bills 3. Data and Communication (Internet and telephone/Cellphones) 4. Office supplies
Q8.	Item 2001) Aggregate Subbase Course = 41,676.54 cum. The given detailed plan and specification specified for item Aggregate Base Course and not Aggregate Subbase Course. Please clarify which is correct.	Based on the detail on the plan sheet C2.17, and on the BOQ as well as the specifications, the Item should be: Aggregate Subbase Course.
Q9.	Part E: Surface Course item 311(1)b1: PCCP Plain Conventional Method 200mm thk. Item 311(1)c1: PCCP Piain Conventional Method 230mm thk. Base on the given plan Sheet No. C2. 104 Typical Pian on Two-way pavement we need to install plain dowel bars 16mm x 0.50m @ 350mm on center for every contraction joint (every 4.50 m.) of the PCCP at transverse construction or contraction joint	Yes, install the 16mm@ x 0.50m @ 350mm on center plain dowel bars at every 4.50m transverse construction joint/weakened plane joints for both PCCP 200mm thk. and PCCP 230mm thk.

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(see section D/C. 104 and 'section 1/C2. 104) at the pian.

Kindly confirm that we need to install the 16mm@ x 0.50m @ 350mm on center plain dowel bars at every 4.50m transverse construction joint/weakened plane joints for both PCCP 200mm thk. and PCCP 230mm thk.

Q10. Part E: Surface Course item 311(1)b1: PCCP Plain Conventional Method 200mm thk.

Item 311(1)c1: PCCP Piain

thk.

In the given Technical Specification for Portland Cement Concrete Pavement page 31 under clause F. Wire Mesh specified that:

Conventional Method 230mm

b. Installation of Wire Mesh After placement of slip bar placed at every 9.0m maximum interval for weakened plane joint, wire mesh shall be placed at a depth of 5.0 cm to 7.5 cm below the surface of the slab or at 2/3 of thickness from the bottom of the pavement. It shall be supported by any approved support assemblies or spacers against displacement and shall be tied to it using tie wires.

Kindlhy confirm that installation of wire mesh is not applicable for Portland Cement Concrete For conventional PCCP, the installation of wire mesh is not necessary.

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	Pavement.	
Q11.	Part G: Drainage and Slope Protection Structures Item 510(2) Concrete Slope Protection - Shotcrete = 244.53.	Please see attached ANNEX A - Drainage and Slope Protection Structures
	Kindly provide us the detailed plan and specification for this item.	69
Q12.	Part G: Drainage and Slope Protection Structures Item 511(1) Gabions = 3,334.00 cu.m. Kindly provide us the required dimension for this item.	Based on the specifications, Gabions shall be constructed of wire mesh and shall be supplied in various lengths and heights. A double twisted wire mesh container of variable sizes, uniformly partitioned into internal cells, interconnected with other similar units, and filled with stones at the project site to form flexible, permeable, monolithic structures such as retaining walls, sea walls, channel linings, revetments and weirs for erosion control. The lengths shall be multiples of 2, 3 or 4 times the width of the gabion and heights shall be 0.50 m to 1.00 m or as shown on the plans. The horizontal width shall not be less than one meter. Gabion furnished shall be of uniform width.
	COUITO	The width, height and length of the gabion as manufactured shall not differ more than ±5% from the ordered size prior to filling.
7.0		Mattresses are double twisted wire mesh containers uniformly partitioned into internal cells with relatively small height in relation to other dimensions, having smaller mesh openings than the mesh used for gabions. Mattresses are generally used for riverbank

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	protection and channel linings. The length shall be 3.00 m to 6.00 m, the width shall be 2.00 m and the height shall be 0.17 m, 0.23 m or 0.30 m or as shown on the Plans.
	The width and length of the revetment mattress as manufactured shall not differ more than 5%, and the height shall not differ more than ±10% from the ordered size prior to filling.
Q13. Part H: Miscellaneous Structures Item 605(2) Regulatory Signs = 33 each Item 605(3) Regulatory Signs = 97 each	Please see attached ANNEX B - Regulatory & Informative Signs
 Kindly provide us the itemized breakdown of Regulatory Signs and Informatory Signs which include the type of signage, size, and quantity. Kindly provide us the detail of Informatory signs which include the type of signage, size, and type of post and foundation which are not included in the given plans. 	olinie.
Q14. Part H: Miscellaneous Structures Item 624(1)a3: Single Arm Post with Street Light = 206 each 1. Kindly provide us the plans which are not included in the	Underground electrical works (conductors, lighting power cable including ground wire) should be included in Electrical Distribution Works.
given bid documents. 2. Please clarify if the underground electrical "works (conductors, lighting power cable including ground wire) is included in this scope of works. If not included, to what pay item shall we include the underground electrical works	

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	(conductors, lighting power cable including ground wire)?	
Q15.	Part P: Duct Bank Powerlines and Auxiliary Lines Kindly confirm that electrical wirings/power cable and grounding is not included in this scope of work.	Electrical wirings/power cable and grounding is included in this scope of work.
Q16.	Part Q: Roughing-ins for Road Complete with necessary pipe supports, warming tapes fittings and couplings 63mmØ PVC Conduit including fittings and accessories = 11,400 lm. 110mm PVC Conduit including fittings and accessories = 17,852 .m. Electrical Manhole — Two-way = 8 set Electrical Manhole — Two-way = 17 set Kindly provide us the plans and specification including scope of works for this Hem which are not included in the given bid documents.	Shop drawing should be provided by the contractor for approval before installation.
Q17.	Part R: Perimeter Light @ Perimeter Fencing 'Floodlight: in j hot dip galv, D2-1/2 — 2.0" pole 5.0m height w/1-75 watts, 400V, LED Lamp = 216 sets	
	1. Kindly provide us the plans	1. Please refer to the electrical plans

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	and specification 'including scope of works for this item which are 'Not included in the given bid documents.	attached to Annex B of Bid Bulletin No.
	2. Please clarify if the lighting power cable is included in this scope of work ff not included to what pay item shall we include the lighting power cable.	2. Lighting Power Cable is included in the scope works.
Q18.	Part S: Main Telephone Cabinet (MTC)	Contractor scope includes complete supply of all needed materials,
	Outdoor NEMA 4x Concrete Pad Mounted installed beside the DPNL with Lockable Door = 9 unit	equipment, tools, consumables, and construction supervision for the Telephone Cabinet to be installed in the Electrical Room. Shop drawing must be submitted for approval before procurement.
	Polyvinyl Chioride (PVC/uPVC), 50mm Dia. = 4,000 I.m.	procurement.
	Kindly provide u us s the plans and 'specification including scope of works for this item which are not included in the given bid documents.	
Q19.	May we verify as per BOQ the area for clearing and grubbing is 26.24 hectares only.	Yes, the area subject for clearing and grubbing works is 26.24 has.
10		For the purpose of this bidding, please maintain the quantity reflected in the BOQ. Any variation that may arise during the project implementation shall be subject to the rules set upon by the RIRR of RA 9184.
Q20.	Fence. May we request for details of fence.	Please see Bid Bulletin No. 01 ANNEX "C".
	refree.	Link: https://drive.google.com/drive/folder

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		s/12q7NiDs9Qwt8VdkeUmXVTg7Zv3j6
		<u>Lh_?usp=drive_link</u>
Q21.	Electrical. May we request for plans and details for electrical works.	Please see Bid Bulletin No. 01 ANNEX "B". Link:
		https://drive.google.com/drive/folder s/1 YcqBqkC9hfNFlKRTdScVCGzeMmX PZcb?usp=drive link
Q22.	Water and Power Supply.	
	May we verify location of Water and Power Supply.	The tapping points for the utilities shall be along the Dapdap resettlement area, which is adjacent to the 65-hectare site development.
Q23.	Rebars. Please verify if the rebars for Manhole, concrete ditch, slope protection, detention pond and outfall is included in the rebar grade 40 in the BOQ.	The reinforcing steel bar reflected in the BOQ is only intended for the retaining wall. For manhole, concrete ditch, slope protection, detention pond, and outfall the rebar requirement shall already be included in the unit cost per item.
Q24.	Temfacil. Please verify location of temfacil area and if it is free of charge.	The temfacil location is within the 65has. Site development area and the staging area where the temfacil will be erected is free of charge.
Q25.	We would like to request postponement of the said bid submission for three (3) weeks to May 13, 2024 due to the following reasons:	We can no longer accommodate extensions on the submission of bids. The date of submission and opening on 22 April 2024 shall be retained.
1	. We have not yet received answer/reply to our queries submitted last March 26, 2024 which are needed in order for us to request quotation from our	

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will provided to us and then prepare the estimate after we received the quotation which takes time before we received the requested quotation.

2. The project involves different scope of works such as sewerage system, plumbing works, water pumping system, fire protection system, electrical distribution works. Landscape works and civil works which required additional time to prepare the required methodology and cost preparation for the different scope of works in order for us to submit our competitive bid for this project.

In view of the foregoing, we earnestly and sincerely request the postponement of bidding due to above-mentioned reasons.

026. Bill of Quantities (BOQ)

In item Part G - Drainage and Slope Protection Structures, may we clarify some items which are not clear or inconsistent with the scope of works:

A. Items 500(1)a4, 500(1)a5, 500(1)a6-Manhole for 1050mm, 1200mm and 1500mm Dia. - Type II, Unit is in l.m.
Is this Pipe Culvert or Manhole?

The items 500(1)a4, 500(1)a5, and 500(1)a6, should be Pipe Culvert not Manholes.

ried of emailed

Q27. Bill of Quantities (BOQ)

A. Quantity of Manhole and Concrete cover does not match for the following items:

For the purpose of this bidding, please maintain the quantity reflected in the BOQ. Any variation that may arise due to discrepancy shall be subject to the

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Concrete cover does not match for the following items:

	Manhole	Concrete Cover
1. 502(1)a2	45	44
2. 502(1)a3	22	23
3. 502(1)a4	15	16
4. 502(1)a5	17	16
5. 502(1)a6	1	2

BOQ. Any variation that may arise due to discrepancy shall be subject to the rules set upon by the RIRR of RA 9184.

Q28. <u>Item Part D - Sub Base and Base</u> <u>Course</u>,

Item 201 (1) Aggregate Subbase Course, in item 201(1) in DPWH Standard Specifications, it is Aggregate Base Course.

There is a difference in cost between these items and since the quantity is big, it may affect our cost for this item.

Please clarify.

As reflected in the BOQ for purposes of this bidding, Item 201 (1) will be considered as Aggregate Subbase Course.

- Q29. Where can we find the plans for the following items:
 - 1. Drainage Outfall
 - 2. Detention Pond
 - 3. Fencing (Posts incl. footing, gates)
 - 4. Watch Tower
 - 5. Gate (Primary and Secondary)
 - 6. Hardscape Ponds
 - 7. Sewage Treatment Plant

I. Please see the Annexes in Bid Bulletin No. 01 for the following items:

Detention Pond and Hardscape - Ponds - **Annex D**

Link:

https://drive.google.com/drive/fold ers/1]rRzyOluPKcuuKDSHgY-2u0c4 SNzK_RH?usp=drive_link

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- 1,2,3,4,5 and Sewer Manhole
- 8. Elevated Water Tank including Cistern Tank, 30,000 and 86,000 gallons
- 9. Fire Hydrant including Bollard
- 10. Mounting Pad for Transformer, Switchgear, and Distribution Panel with Security Fence.
- 11. Electrical manhole, Two way and Three way

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Fencing, Watch Tower and Gates - **Annex C**

Link:

https://drive.google.com/drive/fold ers/12q7NiDs9Qwt8VdkeUmXVTg7 Zv3j6_Lh_?usp=drive_link

Elevated Water Tank and Cistern Tank - Annex A

Link:

https://drive.google.com/drive/fold ers/10r75nWq4bnm4eGBjvxXHYqfl sTIuf9RD

Mounting Pads - **Annex F** Link:

https://drive.google.com/drive/fold ers/1hAVjmwsDKON4dafw5xuoLBv X DhScLQo

Electrical Manhole - Annex B Link:

https://drive.google.com/drive/fold ers/1 YcqBqkC9hfNFlKRTdScVCGze MmXPZcb?usp=drive link

II. Please see the Annexes in Bid Bulletin No. 02 for the following items:

Drainage Outfalls - Annex C

https://drive.google.com/file/d/1m fq-ArBaR9sJ7LcFdBTtEUdQq4e1YtP 6/view?usp=drive_link

STP and Sewer manhole - Annex D
Link:

https://drive.google.com/drive/fold ers/1ZkBJwi9xOmC1-t9MxzObVJ4SP BunSSoU?usp=drive link

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		Fire Hydrant - Annex E Link: https://drive.google.com/file/d/1Fv7LSM6VW-n5nVm2VJ6uKszXlMP-D-7S/view?usp=drive_link
Q30.	For items 500(1)a4, 500(1)a6, and 500(1)a7 in Part G of the Detailed Cost Estimates and Bill of Quantities or the Manholes for 1050mmDia Type II, Manholes for 1200mmdia Type II, and Manholes for 1500mmDia Type II. Please clarify if these items are referring to a "manhole" or a "pipe culvert", since the unit of the pay item is in linear meter but the description says it is a manhole. Also, in the DPWH Blue Book, item 500 is referring to a pipe culvert and item 502 is for manholes.	The items 500(1)a4 and 500(1)a6 should be Pipe Culvert not Manholes. The item 500(1)a7 is not listed in the BOQ.
Q31.	Do you have a specific format for the Organizational Chart?	None, please use your desired format.
Q32.	Do you have a specific format for the NFCC?	BCDA has no specific format for the NFCC, provided that it is computed as follows: NFCC=(Current Asset minus Current Liabilities) x 15 minus cost of all on-going projects
Q33.	Are bidders required to attach the Notice to Proceed or Notice of Award of On going projects?	No. However, these documents should be presented during the post qualification.

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This Bid Bulletin shall be considered as an integral part of the Bidding Documents for the aforementioned Project. All other provisions and statements in the Bidding Documents or previous Supplemental/Bid Bulletin/s that are inconsistent with this Bid Bulletin are deemed amended or modified.

Issued on 15 April 2024.

Jncontrolled when printed or emailed or emailed when printed or emailed when printed or emailed or BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE (BAC-I)

ATTY, GISELA Z. KALALO Chairperson

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Republic of the Philippines

BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE PROJECTS (BAC-I)

SITE DEVELOPMENT OF THE 65-HECTARE RELOCATION SITE IN NEW CLARK CITY (NCC)

BID BULLETIN NO. 02

LINKS FOR THE ANNEXES (kindly delete this page if there are no annexes)

Annex A: Drainage and Slope Protection Structures

https://drive.google.com/file/d/1XtzOW76r2r7FskSARu-PyHp7xvlgsJQH/view?usp=drive_link

Annex B: Regulatory & Informative Signs

https://drive.google.com/drive/folders/1hBhaM1NI4IS7PYIG4ZKMr4l27T9xu5xk?usp=drive_link

Annex C: Drainage Outfalls

https://drive.google.com/file/d/1mfq-ArBaR9sJ7LcFdBTtEUdQq4e1YtP6/view?usp=drive link

Annex D: STP and Sewer Manhole

https://drive.google.com/drive/folders/1ZkBJwi9x0mC1-t9MxzObVJ4SPBunSSoU? usp=drive link

Annex E: Fire Hydrant

https://drive.google.com/file/d/1Fv7LSM6VW-n5nVm2VJ6uKszXlMP-D-7S/view?usp=drive_link

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