



Supplemental/Bid Bulletin No. 3
June 10, 2022

PUBLIC BIDDING No. 22-012-7

Advance Works Package 1 (AWP1): Demolition, Tree Cutting and Utility Relocation for CP102, CP103, CP104, CP105 and CP108

Issued pursuant to Sec. 22.5 of the IRR of R.A. 9184 to clarify and/or amend certain provisions in the Bidding Documents issued for this project:

AMENDMENTS/INCLUSIONS

REFERENCE		BASIS FOR AMENDMENT/ INCLUSIONS												
1. Section III. Bid Data Sheet														
XXX														
ITB Clause														
XXX														
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <table border="1"> <thead> <tr> <th align="center">Key Personnel</th> <th align="center">General Experience</th> <th align="center">Relevant Experience</th> </tr> </thead> <tbody> <tr> <td align="center">XXX</td> <td></td> <td></td> </tr> <tr> <td>Environmental Engineer (Environmentalist/ Lic. CE) -A licensed civil engineer with experience as an environmental engineer or a graduate of any course who has acquired certificates of training/seminars related to Environment from DENR</td> <td align="center">5 years</td> <td align="center">3 years</td> </tr> <tr> <td align="center">XXX</td> <td></td> <td></td> </tr> </tbody> </table>		Key Personnel	General Experience	Relevant Experience	XXX			Environmental Engineer (Environmentalist/ Lic. CE) -A licensed civil engineer with experience as an environmental engineer or a graduate of any course who has acquired certificates of training/seminars related to Environment from DENR	5 years	3 years	XXX		
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XXX														
	XXX													
10.5	<p>XXX</p> <p>Acceptable proof of ownership/leased/under purchase agreement:</p> <ol style="list-style-type: none"> If owned, supported by proof of ownership such as but not limited to: <ul style="list-style-type: none"> XXX Delivery Receipt and certification by the bidder of availability of equipment for the duration of the project; <p>XXX</p>													
2. Section IX. Checklist of Technical and Financial Documents														

Amended to be consistent with the provisions under the Terms of Reference.

XXX	
<p>(g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; <u>This statement shall be supported the following:</u></p> <ol style="list-style-type: none"> i. <u>Notice of Award/Contract or equivalent documents</u> ii. <u>Certificate of Completion or Owner's Final Acceptance and CPES rating sheet, if applicable.</u> iii. <u>Bill of Quantities/Detailed Estimates/Program of Works or equivalent document to verify the declared contract have the required major categories.</u> 	<p>Amended to be consistent with the provisions under the STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT (SLCC) Form.</p>
XXX	

3. Bid Form for the Procurement of Infrastructure Projects

XXX	
<p>STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT (SLCC)</p> <p style="text-align: center;">XXX</p> <div style="border: 1px solid black; padding: 5px;"> <p>Note: This statement shall be supported by: contracts or notices of award or notices to proceed issued by the owners.</p> <ol style="list-style-type: none"> i. <u>Notice of Award/Contract or equivalent documents</u> ii. <u>Certificate of Completion or Owner's Final Acceptance and CPES rating sheet, if applicable.</u> iii. <u>Bill of Quantities/Detailed Estimates/Program of Works or equivalent document to verify the declared contract have the required major categories.</u> <p>These supporting documents shall be numbered and tabbed in the same sequence as the list of contracts appears in this statement.</p> </div> <p style="text-align: center;">XXX</p>	<p>To amend the requirement. Attached as "Annex A" the revised SLCC prescribed form</p>

4. Section VI. Terms of Reference

XXX													
<p>9. STAFF REQUIREMENT</p> <p>The contractor shall provide adequate and qualified staff to perform the services required herein. The key professionals and the respective qualifications of the design and implementation phases shall be as follows:</p>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">POSITION</th> <th style="width: 10%;">NO. OF PERSONNEL</th> <th style="width: 30%;">MINIMUM REQUIREMENT</th> <th style="width: 40%;">DUTIES & RESPONSIBILITIES</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">XXX</td> </tr> <tr> <td>Environmental Engineer</td> <td style="text-align: center;">1</td> <td> — An Environmentalist/ licensed Civil Engineer with at least three (3) years of experience in similar or comparable projects — Acquires certificate of training/ seminars related to Environment from DENR </td> <td> - Prepares the Environmental Management Plan - Prepares and updates environmental investigation reports - Obtains, updates and maintains plans, permits, and standard </td> </tr> </tbody> </table>	POSITION	NO. OF PERSONNEL	MINIMUM REQUIREMENT	DUTIES & RESPONSIBILITIES	XXX				Environmental Engineer	1	— An Environmentalist/ licensed Civil Engineer with at least three (3) years of experience in similar or comparable projects — Acquires certificate of training/ seminars related to Environment from DENR	- Prepares the Environmental Management Plan - Prepares and updates environmental investigation reports - Obtains, updates and maintains plans, permits, and standard	<p>To amend the requirement. Attached as "Annex B" is the revised Section VI: Terms of Reference</p>
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Environmental Engineer	1	— An Environmentalist/ licensed Civil Engineer with at least three (3) years of experience in similar or comparable projects — Acquires certificate of training/ seminars related to Environment from DENR	- Prepares the Environmental Management Plan - Prepares and updates environmental investigation reports - Obtains, updates and maintains plans, permits, and standard										

		<p><u>- a duly licensed Civil Engineer with at least three (3) years of relevant experience as an environmental engineer.</u></p> <p>OR</p> <p><u>- a graduate of any course who has acquired certificates of training/seminars related to Environment from DENR</u></p>	<p>operating procedures</p> <p>- Monitors the progress of environmental improvement programs</p>	
<p>XXX</p>				

By Rules, all other related provisions in the Bidding Documents correspondingly affected by these amendments are likewise deemed amended to conform to this Bid Bulletin.

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



ULYSSES E. MORA
 Chairperson, PS BAC VII

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.

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT (SLCC)

Date: _____

Bids and Awards Committee VII
 Procurement Service – DBM
 PS Complex, Cristobal Street
 Paco, Manila

Dear _____

In compliance with the eligibility requirements for the bidding of **Advance Works Package 1**, this is to certify that **[name and complete address of Bidder]** has the following completed government and private contracts:

Tab No.	Name of Contract	Date of Contract	Contract Duration	Owner's Name and Address	Nature of Work	Contractor's Role (whether sole contractor, subcontractor or partner in a JV)	Total Contract Value at Award (in PhP)	Date of Completion	Total Contract Value at Completion, if applicable (in PhP)	Percentages of Planned & Actual Accomplishments, if applicable	Value of Outstanding Works, if applicable (in PhP)

Yours sincerely,

[Signature over printed name of Authorized Representative]
 [Title]
 [Name of Firm]

Note: This statement shall be supported by:

- i. Notice of Award/Contract or equivalent documents
- ii. Certificate of Completion or Owner's Final Acceptance and CPES rating sheet, if applicable.
- iii. Bill of Quantities/Detailed Estimates/Program of Works or equivalent document to verify the declared contract have the required major categories.

These supporting documents shall be numbered and tabbed in the same sequence as the list of contracts appears in this statement.

TERMS OF REFERENCE

Advance Works Package 1 (AWP1): Demolition, Tree Cutting and Utility Relocation for CP102, CP103, CP104, CP105 and CP108

1. PROJECT INFORMATION

Location

This Project is located in Metro Manila and forms part of the preconstruction works for the Metro Manila Subway Project (MMSP) in which it consists of 17 stations from North to South of the capital region and a Maintenance Depot in Valenzuela City. The entire route runs from East Valenzuela Station to Food Terminal Incorporated (FTI) Station, with an extension to Ninoy Aquino International Airport Terminal 3 (NAIA T3) Station. The MMSP alignment passes along Valenzuela City, Quezon City, Pasig City, Makati City, Taguig City, Paranaque City and Pasay City.

As tabulated, the project area for the Advance Works Package 1 (AWP1) includes the Contract Package (CP) 102 to 105 and 108 of the Remaining Operability (RO) section of the MMSP.

CONTRACT PACKAGE	SUBWAY STATION	LOCATION
CP102	Quezon Avenue Station (QAS)	Quezon City
	East Avenue Station (EAS)	Quezon City
CP103	Anonas Station (ANS)	Quezon City
	Camp Aguinaldo Station (CAS)	Quezon City
CP104	Ortigas Station (ORS)	Pasig City
	Shaw Station (SHS)	Pasig City
CP105	Kalayaan Avenue Station (KAS)	Taguig City
	BGC Station (BGC)	Taguig City
CP108	Lawton Station (LTS)	Taguig City
	Senate-DepEd Station (SDS)	Taguig City

General description of works for all stations are described below in the Scope of Works.

Contractual Framework

The contractual arrangement to be used for the project is the Design and Build Scheme. Under this Scheme, the Procuring Entity shall award a single contract for the architectural/engineering design and construction to a single firm, partnership, corporation, joint venture or consortium.

Project Components

The project shall have the following basic components:

- Demolition including coordination and implementation;
- Tree Cutting including coordination and implementation;
- Utility Diversion including coordination, design and implementation.

The bid shall be based on the schematic design plans prepared by the Department of Transportation (DOTr) and the preliminary Bill of Quantities (BOQ) will be used to establish the unit prices.

Legal Basis

The Department of Transportation (DOTr), through the Procurement Services - Department of Budget Management (PS-DBM), intends to apply the sum of Five Hundred Ten Million, Seven Hundred Sixty Seven Thousand, Five Hundred Eight and 7/100. (Php 510,767,508.07) being the Approved Budget for the Contract (ABC) to payments under the contract for the proposed Advance Works Package 1 (AWP1): Demolition, Tree Cutting and Utility Diversion for CP102, CP103, CP104, CP105 and CP108 through the Design and Build project delivery approach. Funding has been provided by Fiscal Year 2022 General Appropriations Act (GAA).

Procurement Overview

The procurement of this project will be conducted through an open and competitive bidding in adherence to the declared policies of Republic Act (RA) 9184, Section 2, Implementing Rules and Regulations (IRR-A).

The eligibility requirement shall comply with the provisions of Sections 9, 10, and 11 of Annex "G" of the Revised IRR-A of RA 9184. Eligibility requirements shall be subject to Section 23 and Section 24, Rule VIII, RA 9184 and in compliance with the requirements enumerated under the Instruction to Bidders (ITB) and in the forms prescribed by the Government Procurement Policy Board (GPPB) for this type of procurement.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

The determination of award to the winning bidder shall be subject to compliance with the minimum qualification requirements for this contract and through a series of pre-determined evaluation processes and procedures as enumerated under this Terms of Reference (TOR) and in accordance with the provisions of RA 9184 and other pertinent laws, circulars and orders.

DOTr shall accept the bid proposal determined to be most advantageous to DOTr and consider award of the contract on a best value for money basis.

DOTr 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 party(ies).

2. SCOPE OF WORK

The general description of the work is to furnish all materials, equipment, labor, layouts of work features, and supervision including coordination and implementation needed to accomplish the following for the ten (10) station areas in CP102 to CP105 and CP108 as described below:

- a) Securing of all necessary permits, clearances and other requirements
- b) Survey of existing ground profiles, of all utility diversion works and of station box including preparation of necessary survey-related reports as much as possible and drawings such as existing utility plans and profiles, and utility relocation plans and profiles
- c) Dilapidation survey of the existing structures, roads and fences adjacent to the building to be demolished and utility to be excavated, including preparation of necessary reports and documents plus photographs before and after the demolition
- d) Preparation and implementation of approved Environment Management Plan
- e) Preparation and implementation of approved Traffic Management Plan
- f) Construction of fence and provision of necessary barriers to secure the work area of AWP1 in which may be turned over to DOTr for the Civil Contractor's future use
- g) Construction of pedestrian walkway
- h) Structure demolition including houses, buildings, fences, roads affected by utility diversion and billboards, debris removal and disposal including pumping out of septic tanks, removal of treatment plant, removal of underground tank/fuel tank and backfill/compaction.
- i) Removal, cutting and earth balling of trees with its replanting and replacement
- j) Relocation/diversion/removal works for affected drainage lines and sewer lines, including detailed *engineering design and coordination with concerned agencies and stakeholders* for their approval
- k) Relocation/diversion/removal works for other utilities affected such as drainage lines, sewer lines, water lines and gas lines, specifically in CP105 (KAS & BGC), including preparation of detailed engineering design and coordination with concerned agencies and stakeholders for their approval. These works may be subcontracted, provided there is DOTr's guidance and consent.
- l) Relocation/diversion/removal works for other utilities affected such as LPG tanks, septic tanks and material recovery facility, specifically in CP103 (ANS), including preparation of detailed engineering design and coordination with concerned agencies and stakeholders for their approval. These works may be subcontracted, provided there is DOTr's guidance and consent.
- m) Removal and construction of utility manholes, duct banks and customer service entrance for Power, specifically in CP102 (QAS).

- n) Removal and construction of utility manholes, duct banks and customer service entrance for Power and Telco, specifically in CP104 (ORS) and in CP105 (KAS & BGC).
- o) Removal and installation of electrical post and cables, specifically in CP104 (SHS).
- p) Design and replication of police post in CP104 (ORS)
- q) Coordination with the local government units and other agencies involved
- r) Preparation and submission of necessary reports and documents

Further information about the scope of works is elaborated in the Technical Specifications.

3. LAND AVAILABLE

The land available to the Contractor as a lay-down area free of charge for the duration of the Contract will be at available areas to be specified by the Engineer within the hoarding lines shown on the drawings for each station area.

4. ACCESS

The Contractor shall make all arrangements and assume full responsibility for the transportation to the Site of all plant, materials and supplies needed for the proper execution of the Works.

Without limiting any of its obligations or responsibilities under the Contract, the Contractor will be deemed to have obtained all necessary information pertaining to, and have complied with, all regulations and procedures governing the use of facilities such as roads, railroads, waterways, harbors, and airports.

The Contractor shall be responsible for determining the load limits existing at the time and ensuring that its construction plant does not exceed such limits. Before moving any construction traffic onto highways, roads or bridges, the Contractor shall make suitable arrangements with appropriate authorities and obtain approval for the passage of such traffic.

The Contractor shall use every reasonable means to prevent any of the roads or bridges connecting, or on the routes to, the Site from being damaged or injured by any traffic of the Contractor or any of its subcontractors and, in particular, shall select routes, choose and use vehicles and restrict and distribute loads so that any such extraordinary traffic shall be limited as far as reasonably possible and so that no unnecessary damage or injury may be caused to such roads and bridges.

5. CODE AND STANDARDS

The specifications conform to, but are not limited to the following standards:

- a. National Structural Code of the Philippines (NSCP) 2010 edition;
- b. Philippine Electrical Code (RA184); and
- c. Applicable Local Regulations and Ordinances.
- d. Department of Public Works and Highways
- e. Department of Environment and Natural Resources

6. PROJECT IMPLEMENTATION SCHEDULE

The project shall be carried out by contract package as specified below:

CONTRACT PACKAGE	SUBWAY STATION	DURATION (DAYS)
CP102	Quezon Avenue Station (QAS)	180
	East Avenue Station (EAS)	210
CP103	Anonas Station (ANS)	210
	Camp Aguinaldo Station (CAS)	120
CP104	Ortigas Station (ORS)	180
	Shaw Station (SHS)	240
CP105	Kalayaan Avenue Station (KAS)	180
	BGC Station (BGC)	180
CP108	Lawton Station (LTS)	210
	Senate-DepEd Station (SDS)	180

Duration of works per contract package includes the detailed engineering design and implementation phases.

7. SELECTION OF CONTRACTOR

The procurement and implementation of the project shall be in accordance with the provisions of RA 9184 and its IRR and shall be conducted by the Bids and Awards Committee constituted to conduct the procurement of the project. The Contractor may choose to enter into a subcontract arrangement with a design firm to undertake the design work, if necessary.

8. MINIMUM REQUIREMENTS FOR A CONSTRUCTION SAFETY AND HEALTH PROGRAM

Every construction project shall have a suitable Construction Safety and Health Program, which must be in accordance with the rules, and other orders and issuances issued by the DOLE, the Construction-in-Charge, or an equally responsible officer, shall be responsible for the compliance of the Program.

9. STAFF REQUIREMENT

The contractor shall provide adequate and qualified staff to perform the services required herein. The key professionals and the respective qualifications of the design and implementation phases shall be as follows:

POSITION	NO. OF PERSONNEL	MINIMUM REQUIREMENT	DUTIES & RESPONSIBILITIES
DESIGN PHASE			
Design Engineer	2	- A duly licensed Civil or Structural Engineer with at least five (5) years of experience in similar or comparable projects	- Responsible for all the design requirements - Directly reports to the Project Manager
IMPLEMENTATION PHASE			

Project Manager	1	<ul style="list-style-type: none"> - A duly licensed Civil Engineer with at least ten (10) years of relevant experience in projects involving similar or comparable projects in different locations - Should have a proven record of managerial capability through the directing/managing of major civil engineering works, including projects of a similar magnitude 	<ul style="list-style-type: none"> - Responsible to manage and monitor the progress of the project - Reports directly to the Engineer - Accountable for the review and action on implementation and safety reports - Must enforce safety awareness at work and initiate disciplinary program by the company and the contractor/client
Project Engineer	1	<ul style="list-style-type: none"> - A duly licensed Civil Engineer with at least five (5) years of experience in similar and comparable projects 	<ul style="list-style-type: none"> - Reports directly to the Project Manager - Executes / implements the general directives and strategies of the Project Manager regarding the site works - Assists the Project Manager in overall management of the project
Site Engineer	3	<ul style="list-style-type: none"> - A duly licensed Civil Engineer with at least five (5) years of experience in similar or comparable projects 	<ul style="list-style-type: none"> - Reports directly to the Project Engineer - Supervises the activities of the foremen - Keeps the Project Engineer informed of the progress work activities - Implements company rules and regulations and safety policies on the site
MEP (Mechanical / Electrical) Engineer	1	<ul style="list-style-type: none"> - A duly licensed Mechanical or Electrical Engineer with at least five (5) years of experience in similar and comparable projects in the installation of exterior site lighting 	<ul style="list-style-type: none"> - Reports directly to the Project Engineer - Supervises the activities of the foremen regarding MEP works - Keeps the Project Engineer informed of the progress work activities

		and building mechanical systems	- Implements company rules and regulations and safety policies on the site
Materials Engineer II	1	- A duly licensed Civil Engineer or accredited Materials Engineer II in accordance with the DPWH Materials Testing standards and must have at least five (5) years of experience in similar and comparable projects	- Reports directly to the Project Engineer - Evaluates the materials based on actual conditions - Tests and assesses the materials to be used - Provides technical advice about the suitability of materials
Surveyor	2	- A duly licensed Civil Engineer or Geodetic Engineer with at least five (5) years of experience in similar and comparable projects	- Reports directly to the Project Engineer and coordinates with the Site Engineer - Establishes the line and grade of the project, particularly the project coordinates and reference points - Check the actual survey of the works based on the approved drawings
Quality Assurance / Quality Control Engineer	2	- A duly licensed Civil Engineer with at least five (5) years of experience in similar or comparable projects	- Reports directly to the Project Manager - Responsible for the implementation of the QA/QC Management of the project - Checks and ensures the quality of the materials and implementation at site - Prepares and keeps quality documentation of the project
Safety Officer	2	- An accredited Safety Practitioner by the Department of Labor and Employment (DOLE) and must have undergone the prescribed forty (40) hour Construction Safety and Health Training (COSH)	- Reports directly to the Project Manager - Administers appropriate safe work practices and procedures for the project - Advises all personnel of the project the ways to prevent injury,

			<p>damage to plant and/or equipment, fires and other hazards</p> <ul style="list-style-type: none"> - Teaches how to improve existing work methods and provides changes in the safety requirements - Conducts safety orientation for newly mobilized/hired employees and provides trainings at all levels
Quantity Surveyor/Estimator	2	- A duly licensed Civil Engineer with at least five (5) years of experience in similar or comparable projects	<ul style="list-style-type: none"> - Reports directly to the Project Engineer - Responsible for the estimates and quantity take off of the project
Environmental Engineer	1	<ul style="list-style-type: none"> - A duly licensed Civil Engineer with at least three (3) years of relevant experience as an environmental engineer. <p>OR</p> <ul style="list-style-type: none"> - A graduate of any course who has acquired certificates of training/seminars related to Environment from DENR 	<ul style="list-style-type: none"> - Prepares the Environmental Management Plan - Prepares and updates environmental investigation reports - Obtains, updates and maintains plans, permits, and standard operating procedures - Monitors the progress of environmental improvement programs
Foreman	3	- Must have at least five (5) years of experience in construction projects of similar and comparable projects	<ul style="list-style-type: none"> - Reports directly to the Site Engineer - Conducts daily work site inspection to identify and correct unsafe practices - Communicates and discusses with his subordinates the safety requirements, jobsite safety bulletins or safety memorandum, and other current safety regulations applicable to their areas of work responsibility

10. TERMS OF PAYMENT

1. The Contractor, upon request, may be provided an advance payment in an amount equivalent to fifteen percent (15%) of the total contract price, net of VAT and applicable withholding taxes, upon the submission of performance bond in the form of cash or irrevocable standby Letter of Credit issued by a reputable commercial bank or Surety Bond issued by a bonding company duly certified by the Insurance Commission to be of good standing. Advance Payment shall be repaid by the Contractor thru deduction by BIR RR7 of fifteen percent (15%) from the Contractor's periodic progress billing.
2. The Contractor shall collect payment on progress billings based on the percentage of work accomplished, within a reasonable time from submission of all the required documents, subject to the required Expanded Withholding Tax (EWT) of two percent (2%) and Final Withholding VAT of five percent (5%), and ten percent (10%) retention fund.
3. The retention fund shall be released only upon issuance of Certification of Final Acceptance issued by the Engineer and submission by the Contractor of Post-Construction Documentation.
 - a. Progress Billing shall be based on Engineer-certified copies of the Bill of Quantities for work accomplished.
 - b. Payments shall be made within a reasonable time from submission of the required documents based on existing applicable laws.

11. BILL OF QUANTITIES

(See attached)

Prepared by:



Fernando L. Francisco

Assistant Specifications Expert

Checked by:



Akihiko Fujiyoshi

Project Director – OCG JV.