



Project ID : PCHR – PB – 2024 –02
 Project Name : Procurement of Labor, Supplies and Materials for the Rehabilitation of Saliksik Building Driveway and Parking Space
 Project Location : DOST-PCHR Office, PCHR Saliksik Building, Sikap Street, DOST Main Compound, Gen. Santos Ave., Bicutan, Taguig City

SUPPLEMENTAL / BID BULLETIN NO. 1

October 22, 2024

Subject : Modification / Amendment of Some Provisions in the Bidding Documents and Rescheduling of Submission and Opening of Bids

In connection with the project stated above advertised at the PhilGEPS and PCHR Website on October 09, 2024; this Supplemental / Bid Bulletin No. 1 is issued to modify and amend some provisions in the Bidding Documents and to inform the bidders regarding the rescheduling of the Deadline of Submission and Opening of Bids:

I. Modification / Amendment of Some Provisions in the Bidding Documents

| ORIGINAL PROVISION | AMENDMENT / CHANGE / CLARIFICATION |
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| <p><i>From:</i></p> <p><i>Section I: Invitation to Bid</i></p> <p><i>Paragraph no. 5:</i></p> <p>➤ A complete set of Bidding Documents may be acquired by interested bidders on October 09 – 29, 2024 from 8:00 AM to 4:00 PM except Saturdays, Sundays and Holidays, and until 09:30 AM on October 31, 2024 from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00).</p> <p>.....</p> | <p><i>To:</i></p> <p><i>Section I: Invitation to Bid</i></p> <p><i>Paragraph no. 5:</i></p> <p>➤ A complete set of Bidding Documents may be acquired by interested bidders on <u>October 09 – 31, 2024 from 8:00 AM to 4:00 PM except Saturdays, Sundays and Holidays, and until 09:30 AM on October 31, 2024</u> from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (PhP 5,000.00).</p> <p>.....</p> |



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| <p>From:</p> <p>Section I: Invitation to Bid</p> <p>Paragraph no. 7:</p> <p>➤ Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below and online or electronic submission to the email address as indicated below, on or before October 29, 2024 (Tuesday) 10:00AM. Late bids shall not be accepted.</p> | <p>To:</p> <p>Section I: Invitation to Bid</p> <p>Paragraph no. 7:</p> <p>➤ Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below and online or electronic submission to the email address as indicated below, on or before <u>October 31, 2024 (Thursday) 10:00AM</u>. Late bids shall not be accepted.</p> |
| <p>From:</p> <p>Section I: Invitation to Bid</p> <p>Paragraph no. 9:</p> <p>➤ Bid opening shall be on October 29, 2024 (Tuesday) 10:30AM. Opening of bids is through videoconferencing/webcasting via Zoom Cloud Meetings. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.</p> | <p>To:</p> <p>Section I: Invitation to Bid</p> <p>Paragraph no. 9:</p> <p>➤ Bid opening shall be on October 31, 2024 (Thursday) 10:30AM. Opening of bids is through videoconferencing/webcasting via Zoom Cloud Meetings. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.</p> |
| <p>From:</p> <p>Section II. Instructions to Bidders</p> <p>ITB Clause 15: Bid Security</p> <p>15.2 The Bid and bid security shall be valid until February 26, 2025 or one hundred twenty (120) calendar days from the date of the opening of bids. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.</p> | <p>To:</p> <p>Section II. Instructions to Bidders</p> <p>ITB Clause 15: Bid Security</p> <p>15.2 The Bid and bid security shall be valid until <u>February 28, 2025 or one hundred twenty (120) calendar days from the date of the opening of bids</u>. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.</p> |
| <p>From:</p> <p>Section III: Bid Data Sheet</p> <p>➤ The deadline for submission of bids is:</p> <p>October 29, 2024 (Tuesday), 10:00 AM</p> | <p>To:</p> <p>Section III: Bid Data Sheet</p> <p>➤ The deadline for submission of bids is:</p> <p><u>October 31, 2024 (Thursday), 10:00 AM</u></p> |

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| <p><i>From:</i></p> <p><i>Section III: Bid Data Sheet</i></p> <p>➤ The date and time for opening of bids is:</p> <p>October 29, 2024 (Tuesday), 10:30AM</p> | <p><i>To:</i></p> <p><i>Section III: Bid Data Sheet</i></p> <p>➤ The date and time for opening of bids is:</p> <p><u>October 31, 2024 (Thursday), 10:30AM</u></p> |
| <p><i>From:</i></p> <p><i>Section VI: Specifications</i></p> <p>➤</p> | <p><i>To:</i></p> <p><i>Section VI: Specifications</i></p> <p>➤ <u>Technical Specifications (addendum)</u></p> |

This Supplemental / Bid Bulletin shall form an integral part of the said Bidding Documents.

For guidance and information of all concerned.

(sgd.)
MARIA VIOLETA G. INTIA
 Chairperson, Bids and Awards Committee

TECHNICAL SPECIFICATIONS

Regulatory Requirements

The Contractor shall secure all necessary government permits needed for the project. All government permit expenses shall be borne by the Contractor. The Contractor shall redo any work that fails to conform to the requirements of the contract and shall remedy any defects due to defective materials or workmanship within a period of one year from the date of the completion of the contract.

Change Orders and Extra Works

The Contractor according to furnished plans and specifications shall perform extra works or change orders required by the project. The End-user shall provide the Contractor with the plans and specifications for whatever works are necessary. Duly authorized and approved in writing by both Head of Procuring Entity and End-user.

Shop Drawings, Product Data and Samples

The contractor shall submit to the DOST-PCHRD for approval shop drawings, product data and samples prior to fabrication and installation.

Quality Control

Testing Laboratory Services – The Contractor shall secure reinforcing bar and concrete samples for testing by an independent laboratory. The Expenses for such testing shall be borne by the Contractor.

Construction Facilities

1. Temporary Light and Power – the Contractor shall provide for temporary light and power as required for the proper execution and completion of the project. Cost for temporary light and power shall be borne by DOST-PCHRD.
2. Temporary Water Connection – DOST-PCHRD shall provide and pay for water facilities at site until the project is completed.

Security

Protection of Work and Property – the Contractor shall adequately protect the work, the adjacent property and the public and shall be responsible for any damage or injury due to their act or negligence. A temporary wall made out of plastic sack material, coco cloth, G.I. sheets or similar material shall be built around the construction perimeter to help keep the dust and debris within the construction area and away from the neighboring properties.

Temporary Controls

Debris Control – the Contractor shall be responsible for disposing all construction debris from the site.

Contract Close Out

Cleaning – the Contractor shall keep the premises free from accumulation of waste material and rubbish and at the completion of the work the Contractor shall remove from the premises all rubbish, implements and surplus materials and leave the building broom clean.

Project Record Documents – all project record documents, such as building permits, approved plans for job site logbooks, inspection reports, receipts, equipment maintenance records and instructions, warranties and bonds, and all other similar documents shall be turned over to DOST-PCHRD at the end of the project.

Site Work

Demolition

Demolition and removal of structures and parts of structure and the capping if existing facilities

Earthwork

The existing driveway and parking area in front of Saliksik Building shall be graded to conform to the required elevation as shown in the plans. The existing office floor line at elevation (00) shall be the basis for the proposed driveway and parking space.

Sheeting, Shoring and Bracing

Shoring during excavation shall be furnished and installed as necessary to protect workers, adjacent paving, structures and utilities. Shoring, bracing and sheathing shall be removed, as excavations are backfilled in such a manner as to prevent injurious caving.

Occupational Safety and Health Program

General

All security and health controls necessary for the execution of the Works such as but not limited to, medical facilities, manpower safety gadgets, sanitary arrangements, fuel, temporary fencing, safety precautions and fire prevention, shall be established and maintained by the Contractor at his own expense. The Contractor shall make themselves responsible for all security and health controls and shall submit to DOST-PCHR for approval and the regulations for these purposes.

Sanitary Arrangement

The Contractor shall keep the Site in a clean and sanitary condition and shall provide and maintain sanitary facilities for the use of persons employed in the Works to the extent and in the manner and at such places as approved by DOST-PCHR and by any local or other authorities concerned, and all persons connected with the Works shall be obliged to use these sanitary facilities.

The Contractor shall also post notices and take such other precautions as may be necessary to keep the Site clean and well maintained.

Medical Facilities

The Contractor shall make their own arrangement for treatment of casualties on the Site in conformity with the requirements of any duly constituted medical and sanitary authority. The Contractor shall provide first aid units/stations, and shall be responsible for and bear all cost in connection with the first aid services including the use of ambulance of injured or sick employees transporting to the hospital. Such first aid services shall be provided to DOST-PCHR and to their employees at the site at no cost to them.

Precautions for Safety

The Contractor shall take all necessary precautions against risk, loss of life or of injury to any person employed on the Works or the employees of DOST-PCHR or to visitors or to persons having good and sufficient reasons to be about the Works, and shall properly safeguard the Works to the satisfaction of DOST-PCHR.

Where and when it is deemed necessary, the Contractor shall furnish lighting facilities, signs and sentry, and other safety facilities and services.

The Contractor shall provide their Workers, Supervisors, Engineers and DOST-PCHRD Employees the necessary safety gadgets at sites such as safety shoes, safety helmets, safety belts, gloves, goggles, gas or dust mask, and uniforms.

The Contractor shall furthermore take all necessary precautions against damage to the property of DOST-PCHRD or of others located at or adjacent to the site. The Contractor shall at all times comply with any accident prevention, regulations and any safety regulations of local or national authorities or that shall be prescribed by DOST-PCHRD.

The Contractor shall appoint a Safety Officer and hold periodical safety meetings with the Project Engineer and his won supervisors and foremen. The Contractor shall report in writing within twenty-four hours to DOST-PCHRD all accidents involving the death of and/or injury of a person, resulting from the Contractor's operation

Fire Prevention

The Contractor shall take every precaution to prevent fire occurring on or about the Site and shall provide firefighting equipment suitable and adequate in the opinion of the Project Engineer, for ready use in all structures, buildings or the Works under construction. The Contractor shall maintain such equipment and such additional firefighting equipment as may be required, in good working condition until the Works are accepted by the Employer.

The Contractor shall diligently fight any fir which occurs on the Site, whenever such fire may originate. In this regard, the Contractor shall employ all requisite equipment and manpower up to the limit of his equipment and manpower employed at the Site.

Protection and Restoration of Property

The Contractor shall be responsible for the prevention of all public and private property, telephone lines, other utilities, etc. along and adjacent to the Site insofar as they may be endangered by their operations; shall use every precaution necessary to prevent damage to pipes, conduits, and other underground structure. Any utility lines damaged by the Contractor shall be repaired at once at their expense.

When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct in the execution of the Works, r in consequence to the non-execution thereof on the part of the Contractor, such property shall be restored by the Contractor, at his expense, to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring same or shall make good such damage or injury in some other acceptable manner.

Dust Control

The Contractor shall take appropriate measures, to the satisfaction of DOST-PCHRD, to minimize the generation of dust as a result of its operations and activities.

Noise Pollution

Restrictions on Working Hours – the Contractor shall restrict all of its operation that results in undue noise disturbance between the hours of 0800 and 1700 unless otherwise approved by DOST-PCHRD.

Permitted Noise Levels – The Contractor shall provide all its plant and equipment with suitable silencers, or adopt other measures, such that the noise level to the work areas will not increase by more than 7 dB(A) above residual sound levels.

Materials and Workmanship

Materials

General

All materials used in the Works shall be of the best quality for their respective kinds as specified herein and/or shown in the Drawings and stated in the Bill of Quantities. They shall be obtained from sources and suppliers approved by DOST-PCHRD and shall comply strictly with the current issue of the appropriate standard published by the American Society for Testing Materials, or other equivalent national or international standard approved by DOST-PCHRD.

Any material not fully specified herein shall be the best of their kind and be specifically approved by the DOST-PCHRD.

When alternatives are offered, the Contractor shall submit to DOST-PCHRD for approval a statement detailing the alternatives, and shall include full technical descriptions, drawings, and specifications, and shall provide such full information as required to enable DOST-PCHRD to determine that the alternative is equivalent to the item specified.

Standards and Codes of Practice

Material and workmanship for the Permanent Works and testing shall satisfy the stipulations of the Specifications and also follow the newest edition of relevant standards.

Workmanship

Standards of Workmanship

All workmanship shall be in the best of its particular kind, and shall be carried out to the satisfaction of the Project Engineer.

Protection of Works form the Weather

The Contractor shall, at his own expense, carefully protect all works and materials form injury caused by the weather.

Portland Cement Concrete Pavement

Description

This item shall consist of pavement of Portland Cement Concrete, with or without reinforcement, constructed on the prepared base in accordance with the Specification and in conformity with lines, grades, thickness and typical cross-section shown in the plans.

Material Requirements

Portland Cement

It shall conform to the applicable requirements of Hydraulic Cement. Only Type I Portland Cement shall be used unless otherwise provided for on the Special Provisions. Different brands or the same brands form different mills shall not be mixed nor shall they be used alternately unless the mix is approved by the Project Engineer. However, the use of Portland Pozzolan Cement Type IP meeting the requirements of AASHTO M 240/ASTM C 695, Specification for Blended Hydraulic Cement shall be allowed, provided that the trial mixes shall be done and that the mixes meet the concrete strength requirements. The AASHTO/ASTM provisions pertinent to the use of Portland Pozzolan Type IP shall be adopted.

Cement which for any reason. Has become partially set or which contains lumps of caked cement will be rejected. Cement salvaged from discarded or used bags shall not be used.

Samples of Cement shall be obtained in accordance with AASHTO T 127.

Fine Aggregate

It shall consist of natural sand, stone screenings or other inert materials with similar characteristics, or combinations thereof, having hard, strong and durable particles. Fine aggregate from different sources of supply shall not be mixed or stored in the same pile nor use alternately in the same class of concrete without the approval of the Project Engineer.

It shall not contain more than three (3) mass percent of materials passing the 0.075mm (No. 200 sieve) by washing nor more than one (1) mass percent each of clay lumps or shale. The use of beach sand will not be allowed without the approval of the Project Engineer.

If the fine aggregate is subjected to five (5) cycles of sodium sulfate soundness test, the weighted loss shall not exceed 10 mass percent.

The fine aggregate shall be free from injurious amount of organic impurities. If subjected to the colorimetric test for organic impurities and a color darker than the standard is produced, it shall be rejected. However, when tested for the effect of organic impurities of strength of mortar by AASHTO T 71, the fine aggregate may be used if the relative strength at 7 to 28 days is not less than 98 mass percent.

The fine aggregate shall be well-graded from coarse to fine and shall conform to Table 1.

Table 1. Grading Requirements for Fine Aggregates

| Sieve Designation | Mass Percent Passing |
|--------------------------|-----------------------------|
| 9.5mm (3/8 in) | 100 |
| 4.75mm (No. 4) | 95-100 |
| 2.36 (No. 8) | - |
| 1.18 (No. 16) | 45-80 |
| .0600mm (No. 30) | - |
| 0.300mm (No. 50) | 5-30 |
| 0.150mm (No. 100) | 0-10 |

Coarse Aggregates

It shall consist of crushed stone, gravel, blast furnace slag, or other approved inert materials of similar characteristics, or combinations thereof, having hard, strong, durable pieces and free from any adherent coatings.

It shall contain not more than one (1) mass percent of materials passing the 0.075mm (No. 200) sieve, not more than 0.25 mass percent if clay lumps, nor more than 3.5 mass percent of soft fragments.

If the coarse aggregate is subject to five (5) cycles of the sodium soundness test, the weighted loss shall not exceed 12 mass percent.

It shall have a mass percent of wear not exceeding 40 when tested by AASHTO 96.

If slag is used, its density shall not be less than 1120 kg/m³ (70 lb./cu.ft.). The gradation of the coarse aggregate shall conform to Table 2.

Only one grading specification shall be used from any on source.

Table 2. Grading requirement for Coarse Aggregates

| Sieve Designation | | Mass Percent Passing | | |
|-------------------|-------------------------------|----------------------|--------------|--------------|
| Standard Mm | Alternate U.S. Standard | Grading A | Grading B | Grading C |
| 75.00 | 3 in. | 100 | - | - |
| 63.00 | 2-1/2 in. | 90-100 | 100 | 100 |
| 50.00 | 2 in. | - | 90-100 | 95-100 |
| 37.50 | 1-1/2 in. | 25-60 | 35-70 | - |
| 25.00 | 1 in. | - | 0-15 | 35-70 |
| 19.00 | ¾ in. | 0-40 | - | - |
| 12.50 | ½ in. | 0-5 | 0-5 | 10-30 |
| 4.75 | No. 4 | - | - | 0-5 |

Water

Water used in mixing, curing or other designated application shall be reasonably clean and free of oil, salt, acid alkali, grass or other substances injurious to the finished product.

Reinforcing Steel

It shall conform to the requirements of Reinforcing Steel. Dowel and tie bars shall conform to the requirements of AASHTO M 31 or M 42, except that rail steel shall not be used for tie bars that are to be bent and restraighten during construction. Tie bars shall be deformed bars. Dowel shall be plain round bars. Before delivery to the site of work, one-half of the length of each dowel shall be panted with one coat of approved lead or tar paint.

The sleeves for dowel bars shall be metal of approved design cover 50mm (2 inches), plus or minus 5 mm (1/4 inch) of the dowel, with a closed end, and with a suitable stop to hold the end of the sleeve at least 25mm (1 inch) from the end of the dowel. Sleeves shall be of such design that they do not collapse during construction.

Joint Fillers

Poured joint fillers shall be mixed asphalt and mineral rubber filler conforming to the applicable requirement of Joint Materials. It shall be punched to admit the dowels where called for in the Plans. The filler for each joint shall be furnished in a single piece for the full depth and width required for the joint.

Proportioning, Consistency and Strength of Concrete

The Contractor shall prepare the design mix based on the absolute volume method as outlined in the American Concrete Institute (ACI) Standard 211.1 "Recommended Practice for Selecting Proportion for Normal and Heavyweight Concrete."

It is the intent of this Specification to require at least 364 kg of cement per cubic meter of concrete to meet the minimum strength requirements. The Project Engineer shall determine from the laboratory tests of the materials to be used, the cement content and the proportions of aggregate and water that will produce the workable concrete having a slump of between 40 and 75 mm (1-1/2 and 3 inches) of not vibrated or between 10 and 40 mm (1/2 and 1-1/2 inches) if vibrated, and flexural strength of not less than 3.8 MPa (550 psi) when tested by the third-point method of 4.5 MPa (650 psi) when tested by the mid-point method at fourteen (14) days in accordance with AASHTO T97 and T177, respectively; or a compressive strength of 24.1 MPa (3500 psi) for cores taken at fourteen (14) days and tested in accordance with AASHTO T24.

Slump shall be determined using AASHTO T24.

The mix design shall be submitted to the Project Engineer for approval and shall be accompanied with certified test data from an approved laboratory demonstrating the adequacy of the mix design. A change in the source of materials during the progress of Work may necessitate a new design mix.

Laying of Stone Pavers

Approved stone pavers shall be laid on compacted bed of sand encased using 6 inches concrete hollow blocks reinforced with 12 mm diameter steel bars in smooth plaster finish. The joints between stone pavers will be filled with polymeric sand. Upon filling of joints, the stone pavers will be compacted to ensure the proper settling of the polymeric sand between joints.

We hereby comply with the above-stated Technical Specifications.

Submitted by : _____
(Name of Firm)

Signing Authority : _____
(Printed Name and Signature)

Designation : _____

Date : _____