PHILIPPINE NATIONAL OIL COMPANY
PNOC Building VI, Energy Center
Rizal Drive, BGC, Taguig City
Tel. No.: 8789 – 7662
www.philgeps.gov.ph / www.pnoc.com.ph

REQUEST FOR QUOTATION / PROPOSAL

The PHILIPPINE NATIONAL OIL COMPANY (PNOC) through its Bids and Awards Committee (BAC), invites all interested and PhilGEPS-registered suppliers / contractors / consultants to submit quotations / proposals for the following company requirements:

Date:	: **18 August 2021**
Project Title	: **Repair of Cracks at PNOC Building 5 Using Concrete Injection Epoxy**
Reference No.	: **2021-08-175**
ABC	: **PhP600,000.00**
Submission Deadline	: **26 August 2021 / 05:00 PM**

Accomplished **Price Quotation/Proposal and Compliance Forms** may be submitted through registered or electronic mail to the PNOC Procurement Management Division at the above address or to ***gsmendoza@pnoc.com.ph*** and ***procurement@pnoc.com.ph*** no later than the submission deadline together with the following documentary requirements and information:

- Mayor's/Business Permit
- PhilGEPS Registration Number
- Signed Terms of Reference / Technical Specifications Sheet (if applicable)
- Notarized Omnibus Sworn Statement - Annex "A" (Unnotarized copy may be submitted prior to submission deadline, but the notarized one shall be submitted after award or before payment
- Latest Income/Business Tax Returns

Additional Requirement:

- Inspection Certificate

The PNOC reserves the right to accept or reject any or all quotations/proposals or parts thereof, to waive formality therein or to accept such or to award any that are considered most advantageous to the company.

Thank you.

EVANGELINE B. ALBAYTAR
Chairperson
Bids and Awards Committee

PRICE QUOTATION / PROPOSAL AND COMPLIANCE FORM

Repair of Cracks at PNOC Building 5 using Concrete Injection Epoxy

Item No.	UOM	Technical Specifications / Terms of Reference	Qty	Total Bid Amount (PhP)
1	Lot	**REPAIR OF CRACKS AT PNOC BUILDING 5 USING CONCRETE INJECTION EPOXY** **SCOPE OF WORKS:** → Supply of all materials, equipment and necessary tools to complete the project. → Repairing of visible hairline cracks at building walls and structural cracks at slabs using pressurized injection epoxy. **LABOR REQUIREMENTS:** → Contractor must be knowledgeable in all types of crack repair. → Contractor shall have a qualified supervisor or lead foreman present whenever work is being performed at the project site. **MATERIAL REQUIREMENTS:** <u>Structural Pressure Injection Epoxy</u> → Comprehensive Strength (ASTM C 109-95/ C695) – Min. 8000 PSI at 7 days → Tensile Strength (ASTM D638-91) – Min. 3000 at 7 days → Flexural Strength (ASTM D790-92) – Min. 6000 at 7 days → Bond Strength (ASTM C882-99) – Min. 3000 at 7 days → Resistance to Chemicals – Resistant to most organic solvents, mild acids and alkali **PROJECT EXECUTION REQUIREMENTS:** → Mobilization. → Supply and Delivery of all necessary tools, equipment and materials needed for the project. → Contractor shall install caution signs and appropriate safety devices, where appropriate, to protect all personnel working on the job site and all other pedestrian in the area. → For hairline cracks that are considerably small, you may need to open it up a bit to allow gap sealant to penetrate. → Cleaning of concrete surface. Clean all surfaces using a cleaning brush and air pressure device (air compressor or whichever is applicable) to obtain a uniformly bright surface free of drips, streaks and foreign material. → If ever the cracks were painted over, it must be removed first before applying epoxy.	1	

Item No.	UOM	Technical Specifications / Terms of Reference	Qty	Total Bid Amount (PhP)
		→ Attach the injection ports. To adhere the port to the concrete, apply a small amount of epoxy around the bottom of the port base. Place the port at one end of the crack and repeat until the entire crack is ported. As a rule of thumb, injection ports should be placed 8" apart along the length of the crack. (Do not allow epoxy to block the port or the crack under it, this is where epoxy must enter the crack.) → Using a putty knife or other paste-over tool, generously work epoxy along the entire length of the crack. Take care to mound the epoxy around the base of the port to approximately 1/4" thick extending 1" out from the base of the port and to work out any holes in the material. It is recommended that the paste-over should be a minimum of 3/16" thick and 1" wide along the crack. Insufficient paste-over will result in leaks under the pressure of injection. Allow the paste-over to harden before beginning injection. Spreading paste-over into a thin film (approximately 1/8") on the mixing surface will slow curing by allowing the heat from the reaction to dissipate. → Injection Procedure. Attach the injection fittings to the first port until it clicks into place. Make sure that the heads of all the ports are pushed in to the open position. In vertical applications, begin injection at the lowest port and work your way up. In a horizontal application start at one end of the crack and work your way to the other end. Inject epoxy into the first port until it will no longer flow into the crack. If epoxy shows at the next port and the first port still accepts material, close the second port and continue to inject into the first port until it accepts no more epoxy. Continue closing ports where epoxy appears until the first port refuses epoxy. When the first port reaches the point of refusal, brace the base of the port and pull out gently on the head of the port to close it. Pulling too hard may dislodge the port from the surface of the concrete, causing a leak. Go to the last port where epoxy appeared while injecting the first port, open it, and continue injection at this port. If the epoxy has set up and the port is bonded closed, move to the next clean port and repeat the process until every portion of the crack has refused epoxy. → Maintain the Ports for at least 48hrs to make sure concrete cracks are sealed. Remove the injection ports and surface sealer after the epoxy resin has been given adequate time to cure. Resin material should not flow from the crack after the surface sealer is removed. → Grind away any epoxy resin or surface sealer residue that is left on the concrete surface after the injected material has had sufficient time to cure. → At the end of the workday, the Contractor shall remove all equipment, material and supplies from the work areas.		

Item No.	UOM	Technical Specifications / Terms of Reference	Qty	Total Bid Amount (PhP)
		→ Contractor to haul debris outside the energy compound or on a dumpsite. **OTHER REQUIREMENTS AND CONDITIONS:** → All work shall be done in a neat and clean manner. → Contractor is to protect and preserve all property around the building. If there is a requirement to have any property altered, moved or in any way disturbed the contractor should bring the request to the attention of the GSD Representative. It shall be the responsibility of the PNOC Representative to involve the appropriate people regarding final disposition of the request from the contractor. If there are any areas disturbed by the contractor or any subcontractor during the duration of the project it shall be the responsibility of the contractor to make the repairs per specifications provided by the authority. → The cost of all rework and/or restoration of damaged properties due to Contractor's poor workmanship or negligence shall be borne by the contractor. → Contractors must do inspection and actual measurements on all areas to be done prior to submission of bid. No inspection should be ground for disqualification of bids in evaluation. → The Contractor and PNOC - Admin GSD Representatives must conduct a joint inspection on the specific works to be done for the project. → The contractor must conduct a proper planning and safety orientation meeting to all personnel involved in the work prior to commencement. → The contractor should follow proper procedures for entering the compound (i.e., Contact Tracing forms, Personnel rapid testing, as applicable) → Contractor should provide all workers with proper safety equipment (i.e., hard hats, harness, reflectorized vest, etc.) → The contractor shall provide all safety measures needed at areas they are currently working on (i.e., safety nets, safety signages, etc.) The contractor will be liable for any damage/accidents if ever something transpires. → The contractor is required to coordinate all activities and work relative to the project with the GSD representative for proper monitoring and coordination. Prior commencement, the contractor should submit a work plan schedule in order to inform and coordinate proper officials. → Substandard Service. Should at any time the Company become dissatisfied with window cleaning service, the Contractor shall be notified in writing by the General Service Division regarding problems that occurred. The notice will detail the problems experienced and the specific site(s). The contractor will be required to contact the Project-in-charge to discuss possible solutions and the contractor will be given a date by which a written response with the proposed solutions must be submitted. → Use of Chemicals. The Contractor shall be responsible for application of chemicals and cleaning agents according to label. Transport, handling		

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<tr><th>Item No.</th><th>UOM</th><th>Technical Specifications / Terms of Reference</th><th>Qty</th><th>Total Bid Amount (PhP)</th></tr>
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and use of all chemicals shall be in strict accordance with the manufacturer's label instructions.
→ The contractor should submit a work plan schedule after whole duration of the project. This will include the actual vs planned project schedule and weather report chart.
→ The Contractor shall commence work on the agreed Start Date and shall carry out the work in accordance with the program of work submitted by the contractor, as updated, with the approval of the GSD representative and complete the project by the completion date as indicated in the TOR.
→ The management will assign the contractor certain rooms or areas where materials and equipment may be stored, but this will be at the contractor's risk as the management / authorities will not be liable for any damage or loss.
→ The minimum work experience requirements for key personnel are the following:
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<tr><th>Key Personnel</th><th>General Experience</th><th>Relevant Experience</th></tr>
<tr><td>General Foreman</td><td>10 years of being a General foreman</td><td>5 years experience in being General foreman</td></tr>
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COMPLETION OF WORK:
▪ Work should be completed within Thirty (30) calendar days reckoned from the date of receipt of the Notice to Proceed.
▪ Work should start after office hours 5:00PM to 5:00AM weekdays and 7:00AM onwards on weekends and holidays.

NOTE: Delays due to work stoppage ordered by GSD shall not be counted against the set completion date.

WARRANTY PROVISIONS:
▪ The Warranty shall be one (1) year on materials and workmanship reckoned from the date of final turnover and acceptance.

DEFINITION OF SIMILAR PROJECTS:
▪ Any Repair of concrete crack projects using pressure injection epoxy
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TERMS AND CONDITIONS

1. All entries shall be typed or written in a clear legible manner.
2. Bidder shall offer one (1) bid only. Alternative bids shall be rejected.
3. All prices offered herein are valid, binding and effective for THIRTY (30) calendar days upon issuance of this document.
4. As a general rule, price quotations to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.

5. In case of tie quotations, tie breaking shall be on draw lots or toss coin.
6. In case supplier pro forma quotation is submitted, conditions will be governed by the submitted signed Terms of Reference / Technical Specifications Sheet.
7. During evaluation of quotation/proposal, the project proponent may require additional documents to verify, validate and ascertain the compliance of the supplier/contractor or consultant.
8. For Infrastructure Projects, Performance Security shall be submitted by the wining contractor upon receipt of Notice of Award pursuant to

We undertake, if our Proposal is accepted, to supply/deliver the goods/services in accordance with the specifications and/or delivery schedule.

We agree to abide by this quotation/proposal for a period of thirty (30) calendar days, which is the price's validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a Contract or a Purchase Order is executed, this Quotation/Proposal shall be binding upon us. We understand that you are not bound to accept the lowest or any Proposal you may receive.

Signature over Printed Name : _____

Designation/Position : _____

Name of Organization : _____

Organization Address : _____

Tel No. / Mobile No. and Email Address : _____