



**National Kidney and Transplant Institute**  
**Bids and Awards Committee**  
East Avenue, Quezon City 1100  
981-0300 / 981-0400 local 1157  
<http://www.nkti.gov.ph/>

**SUPPLEMENTAL BID BULLETIN NO. 21-100-1**

**ONE (1) LOT SUPPLY, DELIVERY, INSTALLATION AND TESTING OF ROOF DECKS  
WATERPROOFING INCLUDING REMOVAL OF EXISTING MEMBRANE WATERPROOFING AT  
MAIN BUILDING, ANNEX I, ANNEX II, POWER CENTER AND DIAGNOSTIC CENTER**

**Bid Reference IB No. 21-100**

This Supplemental Bid Bulletin **No. 21-100-1** is being issued to inform all the prospective bidders on the following amendment:

- a. Section VII. Specifications**  
*Please see attached Revised Specifications*
- b. Change in the Number of Project Completion**

FROM	TO
90 Calendar Days	120 Calendar Days

This Supplemental Bid Bulletin including Annexes, if any, shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified, and superseded accordingly.

For guidance and information of all concerned.

Issued this 2<sup>nd</sup> day of July 2021 in Quezon City.

**(SGD)VIOLETA M. VALDERRAMA, MD**  
**BAC, Chairperson**

Received by: (PLS SIGN) \_\_\_\_\_

Bidder's Name: (PLS PRINT) \_\_\_\_\_

Date: \_\_\_\_\_

# *Revised Section VI. Specifications*

## **SUPPLY, DELIVERY, INSTALLATION AND TESTING OF ROOF DECKS WATER PROOFING INCLUDING REMOVAL OF EXISTING MEMBRANE WATERPROOFING AT MAIN BUILDING, ANNEX I, ANNEX II, POWER CENTER AND DIAGNOSTIC CENTER**

### **I. BACKGROUND**

In line with the National Kidney and Transplant Institute's on-going commitment to high quality and excellent health care service, its administration is continually looking for ways to improve its facilities to world-class standard and improve facilities; NKTl had been improving the delivery of healthcare services to the people.

### **II. OBJECTIVE**

The National Kidney and Transplant Institute (NKTl) shall employ General Contractor who shall engage the services of Replacement of deteriorated membrane type waterproofing into liquid membrane waterproofing and application of waterproofing at Main Building, Annex I, Annex II, Power Center and Diagnostic Center.

### **III. SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

Furnish all labor, materials, tools, equipment, technical supervision and services necessary to expedite the completion of the project.

#### **1.0 GENERAL REQUIREMENTS**

##### **1.01 OBJECTIVE OF THE PROJECT**

The main objective of the project is to solve the problems of water leaks thru the roof decks. The contractor shall guarantee that the finished work is leak free.

##### **1.02 RELATED SECTIONS**

All applicable provisions of the different divisions of the Specifications for each work trade shall apply for all items cited in this summary.

##### **1.03 INFERRED ITEMS OF WORK**

Materials and workmanship deemed necessary to complete the works but NOT specifically mentioned in the specifications, working drawings, or in the other Contract Documents, shall be supplied and installed by the Contractor without extra cost to the Owner. Such materials shall be of the highest quality available, and installed in a workmanlike manner at prescribed or appropriate locations.

##### **1.04 SPECIFICS**

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Materials specifically mentioned in this summary shall be installed following efficient and sound engineering and construction practice, and especially as per manufacturer's application for installation specifications that shall govern all works alluded to in these Specifications.

### 1.05 SCOPE OF WORK

The Contractor shall not proceed with work that is in conflict with the existing on-site situation without first consulting General Services Division and any solution or construction on the Contractor's part regarding these conflicts without the approval of GSD shall be at the Contractor's risk and may be rejected by the Architect and the Owner at the Contractor's expense.

The contractor shall ensure safety of the personnel and property during construction. Contractor shall replace at no additional cost all materials that will be damaged by construction at Main Building, Annex I, Annex II, Power Center and Diagnostic Center.

The scope of work of the contractor shall include the following:

- a. Boarding-up area with overhead safety coverings and signage, for necessary area.
- b. Removal of existing membrane waterproofing.
- c. Temporary covering of exposed areas
- d. Concrete surface clearing and cleaning prior to application of water proofing
- e. Installation of waterproofing as per manufacturer's manual
- f. Disposal and hauling of debris and waste materials in accordance to applicable DENR regulations

### 2.0 SITEWORK

2.01 Proposed procedure for any activity this shall include demolition/rectification and disposal shall be submitted to GSD for approval. The procedure shall outline proposed conduct of work, protection of items to be retained and coordination with other works in progress.

### 3.0 PREPARATION

- a. Proper removal of existing membrane waterproofing
- b. Concrete surface to be applied with waterproofing shall be clean, free of dirt, loose mortar particles, paints, films, oil, protective coats and efflorescence laitance etc.
- c. Use wet vacuum cleaner when grinding, finishing, polishing, mortar removal, sanding, cutting of surfaces and other activities that generates respirable dust
- d. Drainage connections and weep holes shall set to permit the free flow of water.
- e. Any expansion and contraction joints shall be cleaned, primed fitted with backing rod and caulked with sealant.

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- f. Ensure that the prepared surface has completely set and all defects repaired.
- g. Exposed areas after removal of existing waterproofing membrane should be temporarily covered in case of unexpected rainfall to avoid water leakage.

**4.0 EXECUTION**

- a. Waterproofing should be highly compatible to concrete substrate, resistant to acid rains and long-term UV resistant.
- b. Waterproofing should have service resistance for tropical climate.
- c. All tie holes, honeycomb, and cracks must be filled by packing them with an initial application of primer of waterproofing system.
- d. Construction joints, wall-to-floor joints, wall-to-wall intersections, and other changes in plane should be formed a cove.
- e. Apply waterproofing cove up to parapet wall at least 250mm.
- f. The application of waterproofing shall be performed by competent personnel and under supervision of qualified Engineer/Architect and as per manufacturer’s application requirements.
- g. Any damages incurred during the construction shall be restored/replaced by the contractor; the cost of the replacement and restoration shall be borne by the contractor

**5.0 CLEANING**

- a. Keep all walking and working area clean and clear of debris. Clean construction area regularly to prevent build-up of debris.
- b. Identify designated areas for storing tools and materials.
- c. Clear away protruding materials that could cause injury

**6.0 TESTING**

- a. Conduct flood testing on the applied waterproofing for Three (3) to Five (5) days.

**IV. SUBMITTALS**

- 1.0 Manufacturer’s Technical Data Sheet of the product to be used, including:
  - a. Preparation instruction and recommendations.
  - b. Storage and handling requirements and recommendations.
  - c. Installation methods.
  - d. Maintenance requirements

**2.0 Project Schedule/Timeline**

The winning bidder, shall submit to the NKTl a Project Schedule that will show the time-table of the project from start to finish. The schedule will be submitted in form of a Gantt chart. The contractor shall also include schedule tracking, to check the progress of the project. The schedule shall be submitted to the NKTl for review and approval.

**V. INSPECTION**

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After dismantling, clearing, cleaning and rectification of slope of the area, work done shall be subjected for inspection by the NKTl-GSD prior to primer application of water proofing.

**VI. PROJECT DURATION**

The Bidder/Contractor shall fulfill the Project with **120 CD** to take effect after the receipt of the Notice to Proceed.

Building	Location	Area	Duration
Main Building	Entrance/Facade Canopy	196 sqm	<b>8 CD</b>
	Fire Exit Stairwell Roof deck	108 sqm	<b>6 CD</b>
	Dietary Hallway	110 sqm	<b>6 CD</b>
Annex 1	Annex 1 Cooling Tower Roof decks (50 TR Chillers)	54 sqm	<b>6 CD</b>
	Annex 1 Service Building Cooling tower Roof deck	172 sqm	<b>8 CD</b>
	Pharmacy and Housekeeping Roof deck	42 sqm	<b>5 CD</b>
Annex 2	Hemodialysis Extension Roof deck	433 sqm	<b>11 CD</b>
	3 <sup>rd</sup> Floor Roof deck	181 sqm	<b>8 CD</b>
	OPD Canopy	27 sqm	<b>4 CD</b>
	Annex 2 Canopy	119 sqm	<b>6 CD</b>
	Machine Room Roof deck	82 sqm	<b>6 CD</b>
	Location of Outdoor Unit Roof deck	126 sqm	<b>7 CD</b>
Diagnostic Building	3 <sup>rd</sup> Floor Roof deck	322 sqm	<b>11 CD</b>
	4 <sup>th</sup> Floor Roof deck	76 sqm	<b>6 CD</b>
Main Building to Main Power connecting link	Main Building to Main Power connecting link	116 sqm	<b>6 CD</b>
Main Power Center	Main Power Center	619 sqm	<b>16 CD</b>
<b>TOTAL</b>		<b>2,783 sqm</b>	<b>120 CD</b>

**VII. OTHER PROVISIONS**

The CONTRACTOR shall coordinate with the NKTl-GSD or its authorized representative regarding the storage of materials, entry permits, security requirements and other things that are needed in the project implementation.

NKTl-GSD shall provide a space for storage facility of the CONTRACTOR needed for the project.

The CONTRACTOR shall provide machines / equipment needed to complete the project.

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**VIII. WARRANTY**

**Five (5) years** warranty workmanship and proper application of the Bidder/Contractor from the date of final inspection and acceptance by the NKTl representative.

**IX. QUALIFICATION OF CONSTRUCTION PROFESSIONALS AND STAFF TO HANDLE THE PROJECT**

**A. The Construction Team (Key Personnel)**

**1. Project Engineer / Architect**

- a. Licensed Architect / Engineer for at least three (3) years
- b. At least three (3) years of experience in handling water proofing projects

**2. Foreman**

- a. Must Currently employed/retained by the constructor bidder
- b. Minimum five (5) years of experience in waterproofing application.

<p><b>Conforme:</b></p> <p>Name: _____</p> <p>Legal Capacity: _____</p> <p>Signature: _____</p> <p>Duly authorized to sign the Bid for and behalf of: _____</p>
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<b>CONFORME:</b>
<i>(Company Name)</i>
<i>(Name and Signature of Authorized Representative)</i>