

AMENDMENT NO. 4

SUBJECT: SUPPLY & APPLICATION OF ROOM TEMPERATURE VULCANIZING (RTV) SILICONE RUBBER HIGH VOLTAGE INSULATOR COATING (HVIC) ON AIS SWITCHYARD EQUIPMENT AT 500kV NKI GRID STATION KARACHI

Tender No: 338/DM(GRID)/NKI/NGCP/KHI/2026

The following Sub-Clauses shall be added under Section-VI: Particular Conditions of Contract (PCC), Sub-Clause 4.1 – Subcontracting, Page No. PCC-10.

Sub-Clause 4.1.4: Submission of Subcontract Agreement "Prior to the commencement of any specialized work on-site, the Contractor shall submit a certified draft of the Subcontract Agreement between the Contractor and the approved Subcontractor named in Schedule E (Form SUBCON) for the Employer's review. This agreement must explicitly state that the Subcontractor is bound by all Technical Provisions, Safety Protocols, and the 10-year Performance Guarantee as defined in Section 9 of these Bidding Documents. The Contractor shall not finalize this agreement without the prior written consent of the Employer, which shall be granted only upon verification that the Subcontractor is fully committed to the project's technical requirements.

Sub-Clause 4.1.5: Exclusive Performance of Specialized Key Activities "Where a Bidder has qualified for this tender by utilizing the specialized experience of a Subcontractor for the 'Supply and Application of RTV Silicone Coating' pursuant to IB 13.4, the actual field execution, including surface preparation and spray application, must be performed 100% by the named Subcontractor. The Main Contractor is strictly prohibited from performing the application work using its own Labor or any unapproved third party if the Main Contractor did not independently meet the qualification criteria for 'Contract Experience' at the time of bidding. Any violation of this clause, such as the absence of the Subcontractor's specialized crew during switchyard application, shall be treated as a Contractor's Default under GCC 45.2, and the Employer reserves the right to suspend work or terminate the Contract without prejudice to other rights

PRE-BID CLARIFICATION NO. 2

Sr. No.	Queries / Clarification	Response
1	The title of the project in the Invitation for Bids (Advertisement Page) should be corrected from "SUPPLY AND APPLICATION OF ROOM RTV..." to "SUPPLY & APPLICATION OF ROOM TEMPERATURE VULCANIZING (RTV) SILICONE RUBBER HIGH VOLTAGE INSULATOR COATING (HVIC)..." so that it matches the title page of the bidding document.	The observation has been already resolved through Amendment No. 3.
2	In the Letter of Technical Bid, Clause 6 specifies a bid validity of 180 days, whereas the bidding document specifies 150 days. Kindly amend the Letter of Technical Bid accordingly.	The observation has been already resolved through Amendment No. 3.
3	Clarification regarding submission of Bid Security in Single Stage Two Envelope bidding. Either a fixed Bid Security amount should be specified or the Bid Security should be submitted with the Financial Bid together with an undertaking in the Technical Bid.	The observation has been already resolved through Amendment No. 3.
4(a)	The qualification criteria should not permit 132kV experience for qualification against a project involving 500kV/220kV switchyard equipment.	The qualification criteria clearly state that the bidder must have successfully completed at least one similar project, i.e. 500kV switchyard equipment, however for meeting the quantity comparable to tendered scope, the bidder can show his experience on 220Kv / 132kv switchyard equipment also.
4(b)	The provision allowing a bidder to propose a subcontractor possessing the required experience should be deleted, as it is discriminatory and contrary to procurement principles.	Conditions remain unchanged

Sr. No.	Queries / Clarification	Response
5	Warranty should be issued only by the RTV Manufacturer instead of jointly by the Manufacturer and the Applicator, as per past practice.	The warranty requirement shall remain unchanged. Since the long-term performance of RTV coating depends on both the quality of the RTV material and the quality of its application, the warranty shall be provided jointly by the Manufacturer and the Applicator.

AMENDMENT NO. 3

SUBJECT: SUPPLY & APPLICATION OF ROOM TEMPERATURE VULCANIZING (RTV) SILICONE RUBBER HIGH VOLTAGE INSULATOR COATING (HVIC) ON AIS SWITCHYARD EQUIPMENT AT 500kV NKI GRID STATION KARACHI

Tender No: 338/DM(GRID)/NKI/NGCP/KHI/2026

- **Section 1: Instructions to Bidders, IB-15, Sub clause 15.1, page No. ITB-16, amount of Bid Security, may please be read as follows instead of existing:**

Each bidder shall furnish, as part of his Technical Bid, a Bid Security in the amount of **PKR 210,511.00/-** or an equivalent amount in a freely convertible currency.

Note: the same amount as bid security also mentioned on EPADS and EPMS PPRA.

- **Section 2: Section-II: Letter of Bid & Schedules, letter of technical bid clause 6, regarding bid validity, may please be read as follows instead of existing:**

We agree to abide by this Bid for the period of **150** days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

- Title in the IFB published on NGCP website, EPADS and EPMS PPRA may please be read as follows instead of existing: "SUPPLY & APPLICATION OF ROOM TEMPERATURE VULCANIZING (RTV) SILICONE RUBBER HIGH VOLTAGE INSULATOR COATING (HVIC) ON AIS SWITCHYARD EQUIPMENT AT 500KV NKI GRID STATION KARACHI"

AMENDMENT NO. 02

Section 1: Instructions To Bidders, IB-13.4 - Bidder's qualification criteria, ITB-12, Contract experience, may please be read as follows instead of existing:

The bidder (whether as the main contractor, management contractor, or JV/Consortium partner) must have successfully completed at least one similar projects within the past ten years, involving the supply and application of RTV Silicone Coating on insulators of 500kV / 220kV / 132kV switchyard equipment, and must have executed a cumulative quantity sufficient to demonstrate the capability and experience and comparable to the tendered scope during the same period.

The bidder must provide two year operational and performance certificates from users, confirming reliable and continuous operation of the applied RTV Silicone Coating. Additionally, the bidder should submit verifiable references, including completion certificates, operational certificates, project locations, and client details, to validate their expertise and successful execution of similar projects.

The bidder may propose subcontractor having required experience, for specialized work, if requirement is not met by the bidder. The Bidder and the proposed Subcontractor shall be jointly and severally responsible for the satisfactory execution of the Works related to the RTV Silicone Coating application.

Section 1: Instructions To Bidders, IB-11.3 (a), ITB-09, is amended as bellow:

(a) Plant to be Supplied from Abroad: (i) the price of the plant shall be quoted carriage, insurance paid freight and inland transportation(CIP)-(Project Site) (along with breakup as CIF (Pakistani Seaport i.e CFR (Pakistani seaports) and Insurance) and inland transportation including all direct taxes.

(ii) Inland Transportation including all taxes applied thereon.

(iii) the total price for the plant.

(iv) all customs duties and other taxes paid or payable in relation to clearance of Plant from port in the Employer's country on the plant if the contract is awarded to the Bidder.

Pre-Bid Clarification No.1

Sr. No.	Queries / Clarificaiton	Response
1	As per the bidding document, the Bid Validity is mentioned as 150 days keeping the current situation in the global economy, we kindly request that the bid validity period may kindly please be shortened to 90 days as done in the past by NTDC and Disco's.	Conditions remain unchanged
2	You have mentioned the Creepage of the equipment but it does not have the diameter or the drawing. We kindly request you to please provide the drawings and diameter so that exact material may be calculated?	Diameter data not available in drawing, some spare equipment are available at Grid station, manual measurement can be taken by bidder for assessment, if interested.
3	1. Technical and Commercial Clarifications Pursuant to IB.6 (Clarification of Bidding Documents), please clarify the following points: e Shipping & Taxes: Clause IB 11.3(a) requires pricing on a CIP (Project Site) basis, while the Preamble to the Schedule of Prices mentions that the Employer will pay the Custom Duties. Please confirm that for imported plant, bidders should only quote the CIF value and inland transportation and not include the actual custom duty amount in the bid price.	Bidders are required to quote the complete price of the imported Plant on a CIP (Project Site) basis in accordance with Clause IB 11.3(a), including all costs associated with the supply, importation, clearance, transportation, and delivery of the Plant to the Project Site. The Customs Duties and other taxes/duties payable in relation to the clearance of the Plant in Pakistan or any other taxex, as referred to in Clause IB 11.3(a)(iv), shall be included in the Bid Price and shall be borne by the Bidder and it shall form part of the total Bid Price. No separate payment or reimbursement of Duties, taxes, Transportation or clearance charges shall be made by the Employer. Furthermore, see amendment no. 2
4	Defect Liability Period is mentioned as 365 Days, we kindly request that the defect liability penod may kindly please be reduced to 180 Days as we are already providing the 10 year warranty as well as such the defect liability period may kindly please be reduced.	Conditions remain unchanged
5	kindly please confirm if the contractor shall be provided with continuous shutdowns or not? In case continuous shutdowns are not provided, we will incur extra charges for keeping the Labor idle at site along with other equipment?	Shutdowns are approved by ISMO by looking into system loading and stability conditions. Accordingly, shutdowns will be provided.

6	You have provided Schedule 1, Schedule 2 and Schedule 3 of Prices which we understand. There is then another Price Schedule of the same which creates confusion, either kindly please delete this form or delete the previous schedules.	All forms are required to be filled, as the last form has a total of material, services cost and applicable taxes.
7	In Schedule 5 you have asked for the prices, please clarify if those prices are to be quoted with or without taxes such as Sales Tax or Provincial Taxes?	With taxes
8	Since this is a grid station RTV project as such all the equipment will be coated but cannot be removed from the site You have mentioned in Technical provisions clause 7.2 (SP-15) that we are required to do the Contact Angle Measurement Test, kindly please note that this test can only be performed in the laboratory and not at site. in addition, the boiling water test can also not be performed on the equipment erected at site. We kindly request to please remove these 2 tests as they cannot be performed at site on erected equipment.	A suitable sample equipment / insulator will be provided upon which the tests may be conducted in laboratory.
9	Warranty: The documents require a 10-year "No Flashover" warranty. Please confirm if this warranty should be issued jointly by the Contractor and the Manufacturer, or if a manufacturer's warranty supported by the Contractor is sufficient.	Joint Warranty is required, as quality is not just about the material, it also depends on application method.



**NATIONAL GRID COMPANY
OF PAKISTAN LIMITED (NGC)**



CORRIGENDUM

Tender Notice for the work of 'Supply & Application of Room Temperature Vulcanizing (RTV) Silicone Rubber High Voltage Insulator Coating (HVIC) on AIS Switchyard Equipment at 500kV NKI Grid Station Karachi' was published in national dailies, NGCP website, PPRA EPMS and E-PADS.

The bid submission and opening dates of the said tender have been extended. Now the bids will be received on **14-07-2026 at 11:00 Hrs** and opened on the same day at **11:30 Hrs** instead of the previously notified dates.

DEPUTY MANAGER (GRID)
500/220kV NKI GRID STATION NGCP KARACHI

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AMENDMENT NO. 1

SUBJECT: SUPPLY & APPLICATION OF ROOM TEMPERATURE VULCANIZING (RTV) SILICONE RUBBER HIGH VOLTAGE INSULATOR COATING (HVIC) ON AIS SWITCHYARD EQUIPMENT AT 500kV NKI GRID STATION KARACHI

REFERENCE: Invitation for Bids (IFB) for the above-mentioned tender published in national dailies, NGCP website and PPRA e-PADS.

The submission date of bids has been extended. **Now the bids will be received on or before 14-07-2026 at 11:00 A.M.** instead of the existing date 30-06-2026. Bids will be opened on the same day (14-07-2026) at 11:30 A.M.

DEPUTY MANAGER (GRID)

500/220kV NKI GRID STATION

NGCP KARACHI



National Grid Company of Pakistan Limited (Formerly NTDC)

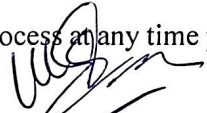
INVITATION FOR BIDS

Tender Notice No. 338/DM(GRID)/NKI/NGCP/KHI/2026

**SUPPLY AND APPLICATION OF ROOM RTV SILICONE RUBBER HIGH
VOLTAGE INSULATOR COATING ON AIS SWITCHYARD EQUIPMENT
AT THE 500KV NKI GRID STATION, KARACHI.**

- National Grid Company of Pakistan (NGCPL), hereinafter referred to as "the Employer," invites sealed bids on an National Competitive Bidding (NCB) basis from eligible firms, for the supply and application of Room Temperature Vulcanizing (RTV) Silicone Rubber High Voltage Insulator Coating (HVIC) on AIS switchyard equipment at the 500kV NKI Grid Station, Karachi. The contractor shall supply the RTV coating, plan and request shutdowns for transmission lines and auto transformers, perform cleaning and surface preparation, and apply the RTV silicone rubber coating on AIS equipment, including spare equipment, as specified in the technical requirements and in accordance with the approved shutdown schedule.
- The Employer invites sealed bids should be quoted in Local Currency PKR from eligible firms for the above scope of Works. National Competitive Bidding (NCB) will be conducted in accordance with PEC/PPRA Single Stage Two Envelope (SSTE) bidding procedure.
- Bidders may obtain further information from the office of the Employer, at:

Deputy Manager (Grid),
500kV NKI Grid Station, (NGCP) Karachi
Phone No. 92-333-7931718 E-mail address: re.500kvnkikhi@ntdc.com.pk
- Bidding Documents, containing detailed terms and conditions, etc., can be downloaded from <https://eprocure.gov.pk> free of cost. Tender advertisement is available on PPRA website www.ppra.org.pk and NGC website www.ntdc.gov.pk/tenders.
- The bids prepared in accordance with the instructions in the bidding documents, must also be received by the Employer both through E-PADS and hard copy submission on dated: 30.06.2026 till 11:00am or before. The same will be opened in presence of available bidders on 30.06.2026 at 11:30hrs.
- All Bids must be accompanied by a Bid Security in an amount not less than 2% of the Total Bid Price in format prescribed in the Bidding Documents.
- The Purchaser reserves the right to reject all bids and to annul bidding process at any time prior to contract award as defined in Clause 33(1) of PPRA Rules 2004.


Deputy Manager (Grid)
500kV NKI Grid Station, Karachi
National Grid Company of Pakistan Limited (NGCPL).