



# RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.

Corporate Identity Number (CIN) : U40109RJ2000SGC016485

Regd. Office : Vidyut Bhawan, Jyoti Nagar, Jaipur -302 005

(AN ISO 9001:2008 Certified Company)

**OFFICE OF THE SUPERINTENDING ENGINEER (Contracts-II)**

MM Building of RVPN, Old Power House Premises ,Near Ram Mandir, Banipark, Jaipur-302006

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No. RVPN/ SE (Contracts-II)/ XEn-4 / TN-5 / F. /D. 406 JAIPUR Dated: 28.12.16

## CORRIGENDUM – 8

Sub: Corrigendum in Bid Document under Specification No. RVPN/ EHV/ TN- 5 for Construction of 400kv Bays for LILO of Chhabra-Dahra Line at Existing 765 kV GSS At Anta (Baran) including Supply of all Equipments/Materials, Erection (Including Civil Works), Testing And Commissioning

With reference to the above cited subject following amendments / modifications in the subject Bid Document are hereby issued-

1. The Qualification Requirement (Annexure-A in Part- Schedules and Annexures in volume-I) has been amended.
2. Clause Nos. 24 and 26 of GCC regarding Training and Taking Over have been amended.
3. The Type Test requirement under General Technical Requirement (GTR), Part-II of Bid document has been modified.

The amendments /modifications made as above are annexed hereto with this corrigendum.

Enclosures- As above

(K. K. Meena)  
SE(Contracts-II)

**Project Description: Construction of 400kV Bays at 765/400kV AIS Substation at Anta (Baran).**

**PRE QUALIFICATION REQUIREMENT FOR TURN KEY PROJECTS FOR 400kV SUBSTATIONS/ BAYS**

1. Qualification of bidder will be based on meeting the minimum pass/fail criteria specified in table below regarding the Bidder's technical experience and financial position as demonstrated by the Bidder's responses in the corresponding Bid Schedules.

Technical experience and financial resource of any sub-contractor/ subsidiary/ associate group or company shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. The bidder shall be required to furnish the information as detailed hereunder :-

S. No.	Qualifying Requirement details	Supporting documents required.
1	2	3
1	<p><b>BIDDER STATUS :</b></p> <p>1.1 This Invitation for Bids, issued by the Nigam is open to all firms including company(ies), Government owned Enterprises registered and incorporated in India as per companies Act, 1956, barring Government Department as well as foreign bidders/MNCs not registered and incorporated in India and those bidders with whom business is banned by the Nigam.</p> <p>1.2 The bidder should be registered under Rajasthan Value Added Tax (RVAT) Act or under Central Sales Tax Act.</p>	<p>Memorandum of Association, Registration Certificate as per Companies act. Copy of RVAT/CST Registration.</p>
2	<p><b>TECHNICAL EXPERIENCE :</b></p> <p>2.1 The bidder must be a substation or switchyard EPC (Engineering, Procurement and Construction) contractor who must have successfully executed at least two (2) circuit breaker bays* of 220 kV class or above during last seven (7) years in India as on the date of bid opening and which must be in satisfactory operation at-least for a period of one (1) year as on date of bid opening.</p> <p style="text-align: center;"><i>Note: * For the purpose of qualifying requirement, one no. of circuit breaker bay shall mean a bay used for controlling a line or a transformer or a reactor or a bus section or a bus coupler and comprising of at least one circuit breaker, two disconnectors and three nos. of single phase CTs / Bushing CTs.</i></p> <p>2.2 The bidder shall be a manufacturer who has designed, manufactured, type tested and supplied the Circuit Breakers<sup>#</sup> of 400kV or above class which must be in satisfactory operation in India for atleast 2 years within last 7 years <del>at</del> <sup>from the</sup> date of bid opening or be authorized by such a</p>	<p>Performance certificate from Owner of substation/ Bays indicating No. of bays with details of equipment, date of commissioning/completion as per Schedule - Q.</p> <p>Performance certificate from Owner of substation where the Circuit Breakers have been commissioned</p>

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	<p>manufacturer to supply and provide after sales services with necessary back-up support from the manufacturer.</p>	<p>and are in use indicating satisfactory performance of operation in India for 2 years as per Schedule-R and Authorization certificate as per Schedule-G.</p>
	<p>2.3 The bidder shall be a manufacturer who has designed, manufactured, type tested, supplied and commissioned the IEC-61850 based C&amp;R-SAS<sup>#</sup> (Substation automation System) [consisting of bay control &amp; protection units, application software] on at-least one no. of EHV substation (having total bays not less than 5 Nos.) in India during last Five years or be authorized by such a manufacturer to supply and provide after sales services with necessary back-up support from the manufacturer</p>	<p>Installation certificate from Owner of substation where the C&amp;R Sub-station Automation System have been commissioned indicating no. of bay units</p> <p>with details of equipment in India as per Schedule-S and authorization certificate as per Schedule-G.</p>
	<p><i># If the bidder is a manufacturer and qualify for 400 kV Circuit Breaker and/or C&amp;R-SAS, then he shall have to offer and supply his own make of 400 kV Circuit Breaker and/or C&amp;R-SAS only.</i></p>	
3	<p><b>FINANCIAL POSITION :</b></p> <p>3.1 The bidders shall meet Minimum Average Annual Turnover (MAAT) for best three (3) financial years out of last five (5) financial years equal to 1.5 times of estimated cost divided by completion period in years</p>	<p>i) Audited balance sheets and income statement as detailed in Schedule-N. or</p> <p>ii) CA certificate.</p>
	<p>3.2 Bidder shall have Liquid Assets (LA=Current Assets-inventories) or/and evidence of access to or availability of credit facilities equal to 6 times of estimated cost divided by completion period in months</p>	<p>i) Audited balance sheets and income statement as detailed in Schedule-N. or</p> <p>ii) CA certificate.</p> <p>iii) For credit facilities: Certificate from bank as per Annexure-XIII.</p>
	<p>3.3 The Net Worth of the bidder for last three (3) years should be positive.</p>	<p>i) Audited balance sheets and income statement as detailed in Schedule-N. or</p> <p>ii) CA certificate.</p>
4	<p>The bidder should be qualified, not be insolvent, not be in receivership, not be Bankrupt or being wound up, should not have affairs administered by a court or a judicial officer, should not have business activities suspended, should not be blacklisted by any utility /agency, should not have a conflict of interest etc.</p>	<p>Declaration in Schedule – V.</p>

### Corrigendum in Bid Document of TN-4 and TN-5

Clause No.	Existing Clause	Revised Clause
GCC 24.1	The contractor shall undertake to train free of cost, engineering personnel selected and sent by the owner at the works of the contractor <b>unless otherwise</b> specified in the SCC. The period and the nature of training for the individual personnel shall be agreed upon mutually between the contractor and the owner. These engineering personnel shall be given special training in the shops, where the equipment will be manufactured and/or in their collaborator's works and where possible, in any other plant where equipment manufactured by the contractor or his collaborator is under installation, operation, or testing to enable those personnel to become familiar with the equipment being furnished by the contractor. The details of the no. of persons to be trained, period of training, nature of training etc. shall be as mutually agreed.	The contractor shall undertake to train free of cost, engineering personnel selected and sent by the owner at the works of the contractor <b>if</b> specified in the SCC. The period and the nature of training for the individual personnel shall also be mentioned in the SCC. These engineering personnel shall be given special training in the shops, where the equipment will be manufactured and/or in their collaborator's works and where possible, in any other plant where equipment manufactured by the contractor or his collaborator is under installation, operation, or testing to enable those personnel to become familiar with the equipment being furnished by the contractor. The details of the no. of persons to be trained, period of training, nature of training etc. shall be as per SCC.
GCC 26	Upon successful completion of all the tests to be performed at site on equipments furnished and erected by the contractor, the engineer shall issue to the contractor a Taking Over Certificate as a proof of the final acceptance of the equipment. Such certificate shall not unreasonably be withheld nor will the engineer delay the issuance thereof on account of minor omissions or defects which do not affect the commercial operation and/or cause any serious risk to the equipment. Such certificate shall not relieve the contractor of any of his obligations which otherwise survive, by the terms and conditions of the contract after issue of such certificate.	Upon successful completion of all the tests to be performed at site on <b>all the equipments</b> supplied and erected by the contractor, the engineer shall issue to the contractor, a Taking Over Certificate as a proof of the final acceptance of <b>all the equipments and facilities executed / commissioned as per complete scope of work</b> . Such certificate shall not unreasonably be withheld nor will the engineer delay the issuance thereof on account of minor omissions or defects which do not affect the commercial operation and/or cause any serious risk to the plant / equipment / facilities. Such certificate shall not relieve the contractor of any of his obligations which otherwise survive, by the terms and conditions of the contract after issue of such certificate.
GTR	All the equipment offered, shall be fully type tested as per the relevant standards before commencement of supply. The bidder	The Bidder shall furnish an undertaking to the effect that all the equipments shall be fully type tested as per technical



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shall furnish **three** sets of the type test reports along with the offer. Bids offered without type test reports will be treated as incomplete and termed as non-responsive and rejected. The dates of type tests shall not be pertaining to a period earlier than 7 (seven) years reckoned from the date of bid opening. In case the type test reports pertain to a period earlier than **7 years** the bidder if contract is awarded shall arrange repetition of those type tests free of cost if requested by NIGAM. Bids not agreeing this condition shall be rejected. **Further, in the event of any discrepancy in the test reports i.e. any test report not acceptable due to any design/manufacturing VOL-II-PART-II 35 changes (including substitution of components) or due to non-compliance with the requirement stipulated in the Technical Specification or any/all additional type tests not carried out, same shall be carried out without any additional cost implication to the Purchaser.**

The NIGAM reserves the right to demand repetition of some or all the type tests in the presence of purchaser's representative even in cases where type tests have been earlier conducted not earlier than **7 years** considered from the date of bid opening and test reports are duly enclosed to the bid. **For this purpose the bidder shall quote unit rates for carrying out each type test. Payment would be made for only such type tests for which, bidder has already enclosed type test reports conducted on an equipment similar to one offered in the bid but nevertheless the NIGAM has asked to repeat the test in his/Engineer's presence. NIGAM reserves the right to witness all the type tests. For witnessing type test, contractor will give 45 (forty five) days advance notice. The rates quoted for type test (as mentioned) shall be included in the bid evaluation. In case Bidder does not indicate charges for any of the type tests or does not mention the name of any test in the price schedules, it will be presumed that the particular test has been offered free of charge. Further, in case any Bidder indicates that he shall not carry out a particular test; his offer shall be considered incomplete and shall be liable to be rejected.**

requirements / relevant standards before commencement of supply. Bids not supported with aforesaid undertaking shall be treated as incomplete and termed as non-responsive and shall be rejected.

The date of type tests shall not be pertaining to a period earlier than 7 (seven) years reckoned from the date of bid opening. In case the type test reports pertain to a period earlier than **7 years**, the bidder, if contract is awarded shall arrange repetition of those type tests free of cost if requested by NIGAM.

**Further, in the event of any discrepancy in the test reports i.e. any test report not acceptable due to any design / manufacturing changes (including substitution of components) or due to non-compliance with the requirement stipulated in the Technical Specification or any/all additional type tests not carried out, same shall be carried out without any additional cost implication to the Purchaser.**

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