

**QUALIFICATION REQUIREMENT OF BIDDER FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 36 KV GAS INSULATED SWITCHGEARS AND 12 KV GAS INSULATED SWITCHGEARS , PAYMENT TERMS, COMPLETION PERIOD ETC. FOR CONSTRUCTION OF NEW GIS SUB-STATIONS IN JAIPUR DISCOM.**

Qualification of bidder based on meeting the minimum pass/fail criteria specified in Part-A below regarding the Bidder's technical experience and financial position as demonstrated by the Bidder's responses in the corresponding Bid schedules. The bidder shall also be required to furnish the information specified in Part-B in their bid.

Technical experience and financial resource of any sub-contractor/subsidiary/associate group of company shall not be taken into account in determining the Bidder's compliance with the qualifying criteria. The bid can be submitted by an individual firm

The owner may assess the capacity and capability of the bidder, to successfully execute the scope of work covered under the package within stipulated completion period. This assessment shall inter-alia include (i) document verification (ii) bidders work/manufacturing facilities visit (iii) manufacturing capacity details of works executed, works in hand, anticipated in future & the balance capacity available for the present scope of work (iv) details of plant and machinery manufacturing and testing facilities, manpower and financial resources (v) details of quality systems in place (vi) past experience and performance (vii) customer feedback (viii) banker's feedback etc.

**1.0 PART-A**

**1.1 TECHNICAL EXPERIENCE**

- i) The bidder must be a manufacturer of:-
  - a) 36 KV class indoor GIS Modules/ Switchgears and
  - b) 12 KV Indoor GIS Modules/ Switchgears.

The bidder **must have designed, manufactured, type tested these equipments/switchgears and supplied those for at least 25 bays of each type switchgears as above during last 5 (Five) financial years (Preceding the year of bid opening). At least 05 nos. (of each type as above) of supplied GIS bays must be in satisfactory operation of one year in India as on date of techno-commercial bid opening.**

- ii) The bidder must be a manufacturer of SCADA/Automation system (consisting of bay control & protection units, application software), who **must have designed, manufactured, tested & supplied these automation system/solution for at**

**least 3 Nos. of 33/11 KV or above voltage substations (each having total bays not less than 05 Nos.) for last 5 (Five) years as on the date of techno-commercial bid opening & it must be in satisfactory operation for one year in India as on date of techno-commercial bid opening.**

**A certificate by a chartered accountant in respect of quantity supplied during the period referred in point (i & ii) above is required to be submitted and also performance certificate must be compulsorily furnished by end user/utility/owner along with the bid.**

**OR**

The bidder must be a authorized firm of the manufacturer(s) meeting the above criteria (i to ii) provided that the manufacturer authorizes the bidder for full backup supply and service support as per appended Performa **(Schedule-G)**.

- iii) The bidder should have experience of supply, installation and commissioning of 33 KV or above voltage class GIS switchyard/GIS substation for at least 01 No. of substations in India.
- iv) The bidder should also have experience of supply, installation, commissioning & customization and successful integration/implementation of similar type (as offered in bid) SCADA/Automation system/solution for at least 01 No. of substations on 33 KV or above voltage in India.

#### 1.2 **FINANCIAL CRITERIA:-**

For the purpose of this particular bid, bidders shall meet the following minimum criteria :-

- a) Minimum Average Annual Turnover (MAAT) for best three financial years out of last five financial years of the bidder should not be less than the estimated project cost.

In case a bidder is quoting for more than one project, Pre-Qualification requirement of subsequent tender shall be examined on the basis of cumulative requirements of MAAT of all quoted projects.

- b) Bidder shall have liquid assets (LA) and/ or evidence of access to or availability of fund based credit facilities of not less than 10% of the estimated total project cost and the Banker should confirm that the Credit facility is earmarked for the work specified under Bid. Liquid assets would include cash (and equivalents), bank deposits, securities that can be freely traded and receivables which has general certainty of getting received.

In case a bidder is quoting for more than one project, Pre-Qualification

requirement of subsequent tender shall be examined on the basis of cumulative requirements of LA of all quoted projects.

- c) Net Worth for the each of the last three Financial Years should be positive. Net worth means the sum total of the paid up capital and free reserves (excluding reserves created out of revaluation) reduced by aggregate value of accumulated losses (including debit balance in profit and loss account for current year) and intangible assets.

In case bidder is a holding company, MAAT & LA referred to in clause 1.2 (a) & (b) above shall be that of holding company only (i.e. excluding its subsidiary/group companies). In case bidder is a subsidiary of holding company, MAAT & LA referred to in clause 1.2 (a) & (b) above shall be that of subsidiary company only (i.e. excluding its holding company).

### **1.3 JV shall not be allowed to participate in the bid.**

## **2.0 PART – B**

- 2.1 To be qualified for award, bidder shall provide satisfactory evidence to the owner of their capability and adequacy of resources to carry out the contract effectively. Bids shall include the following information: -
- a) Copies of original documents defining the constitution or legal status, place of registration and principal place of business, written power of attorney of the signatory of the bid to commit the bidder.
  - b) Total annual turnover of supply of materials and equipment of similar nature over the last 5 years.
  - c) Reports on the financial standing of the bidder including profit and loss statement balance sheets and auditor reports of the last 5 years and an estimated financial projection for the next two years.
  - d) Evidence of access to lines of credit and availability of other financial resources.
  - e) Performance as prime contractor for the supply of materials and equipment of similar nature over the last 5 years and details of other works in hand and contractual commitments.
  - f) Details in support to have adequate substation design infrastructure and experienced qualified engineers and staff associated with design, procurement and progress monitoring work.
  - g) Details to have all infrastructure tools and tackles, testing equipment, experienced project manager and sufficient qualified and experienced erection

engineers and staff etc. and complete the job at site alongwith quality control measurements etc. and complete the same within prescribed time schedule.

- h) Description of the plan for carrying out the work.
- i) The qualification and experience of key personnel proposed for carrying out the work. The project manager shall have at least 5 years of experience in executing such contract of comparable nature including not less than 3 years as manager C.V. of Project Manager shall be enclosed duly authenticated by authorized signatory.
- j) Required accessories/ material shall be supplied from the vendors approved by the Nigam only.

**Note-** The **participating firm(s) shall not have been debarred/ blacklisted from any of the Govt./ Utilities at the time of bid submission and opening.**

### **3.0 TYPE TEST CRITERIA:-**

- 3.01 The bidder shall furnish valid and authenticated type test certificates from any out of Govt. approved / Govt. recognized / NABL Accredited laboratory / ILAC i.e. International Laboratory Accredited Laboratory (in case of foreign laboratory) of similar rating and design of tendered material/equipment. The type test certificate by in house laboratory of tendering firm even if it is a Govt. approved / Govt. recognized / NABL accredited / ILAC accredited, shall not be accepted, in case of their own tender. This will not apply if tendering firm is Govt. company / public Sector undertaking. The type test certificates should not be older than **10 (Ten) years** as on the date of bid opening for the following items.

- 1) 33 KV GIS
- 2) 11 KV GIS

For this purpose date of conducting type test will be considered.

- 3.02 The bidder should furnish documentary evidence in support of the laboratory whose type test have been furnished, that the said laboratory is a NABL accredited laboratory / ILAC accredited (in case of foreign laboratory).

- 3.03 The type test certificates shall be furnished either in original or copy duly attested by notary.
- 3.04 The bids of only those bidders shall be considered to be meeting the type test criteria who furnishes complete type test certificate with the bid as per above provision.

**4.0 Terms of Payment :-**

1. Payments (Supply and Erection contract):
- A. First Instalment (90% Payments of Supply and Erection contract):-
- 1.1 The bidder shall prepare the bills against Supply contract and Erection contract after completing and commissioning of work in minimum one cluster:
- Work in one cluster comprises of One 33 kV Sub-Stations including 33 KV & 11 KV Lines and its associated works.
- 1.2 The 90% payments against supply contract of various items including Excise Duty, Taxes etc. and 90% payment against erection contract shall be paid on receipt and acceptance of material only on successful erection, testing and commissioning of the works in a particular cluster and issuance of taking over certificate by the employer on submission of requisite documents.

**OR**

- 1.3 The bidder may also prepare the running bills against Supply contract and Erection contract after supply and erection of the equipments having minimum of 15% value of project for which 80% payment shall be admissible. **Balance 10% payment shall be released after completing and commissioning of work of one cluster as described at item 1.1 above.** The 80% payments as above shall be admissible only for the supply and successfully erected equipments.
- B. Final Instalment (10% Payments of Supply and Erection contract):
- 1.4 The balance ten percent (10%) of payment against Supply contracts and

Erection Contract including GST etc. shall be made after 24 months of handing over the system after successful completion, commissioning and charging in all respect and satisfactory performance also subject to clearance/ verification of 3rd party inspection.

**5. The Project Completion Schedule :-**

Sl. No.	Activities	Duration in Months from the effective date of Contract i.e. date of issuance of LOI.
1	Overall completion period	18 Months
2	Stage wise completion schedule.	(i) 25% work - 9 (Nine) Months which also include two months for Survey, drawings & its Approval and commencement of supply of material (ii) 25% balance work- should get completed within next 3 (Three) months (iii) 25% balance works should get completed in next 3 (Three) months. (iv) Final 25% balance works should get completed in next 3 (Three) months.

The other conditions for bid documents such as ITB, GCC, SCC, sample forms & procedures, PMS, quality assurance & evaluation mechanism shall be as per previous tenders of ongoing IPDS schemes.

**6.0 Performance Security:-**

6.1 Within twenty-eight (28) days after receipt of the Notification of Award through LoI, the successful Bidder shall furnish the performance security for 10% (Ten percent) of the contract price which shall be initially valid for 60 months. The said security(ies) shall be required to be extended time to time till ninety (90) days beyond the 60 months from the date of commissioning and handing over the system to the employer.

Specification No. JVVNL/IPDS/GIS/JCC /TN- 500 /  
JVVNL/IPDS/GIS/ALW /TN-501

Project Description: 33/11 kV GIS Substation  
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**SCHEDULE-G**

**MANUFACTURER’S AUTHORIZATION CERTIFICATE**

(To be issued on the Manufacturer Firm’s Letterhead)

The Superintending Engineer (TW),  
JVVNL, Jaipur

Dear Sir,

1. I/We hereby confirm to supply \_\_\_\_\_.(Specify Item Name) to M/s \_\_\_\_\_ as quoted by them to JVVNL against their NIT No. JVVNL/IPDS/GIS/JCC/ TN- 500/ JVVNL/IPDS/GIS/ALW/ TN-501 . We also confirm to be fully responsible for providing after sale services in India for the same for at least 10 Years after commissioning of equipment.
2. I/ WE hereby confirmed to provide necessary support to M/s \_\_\_\_\_ in terms of technical know-how, spares etc. and meeting of guarantee and warranty obligations of \_\_\_\_\_(specify Item Name) as per GCC/SCC and specification.

I [Mr. \_\_\_\_\_ . (Name of Authority)] am fully authorized to issue this certificate on behalf on M/s \_\_\_\_\_ .

Name of issuing authority

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Signature of issuing authority

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Address of issuing authority

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Phone No. of issuing authority