

Application is invited from willing Original Equipment Manufacturers for enlistment of their names for GIS Equipment in **WBSETCL Makers' List 2016**.

The following proforma duly filled in need to be sent to “The Chief Engineer, Engineering Department, WBSETCL, 9<sup>th</sup> floor, D-block, Vidyut Bhaban, Salt Lake City, Kolkata – 700091” within “20 days from the date of uploading this notice” alongwith supporting documents.

The technical QR of GIS and application form with details of documents to be submitted are given hereunder:

**Technical QR:**

**Criteria for Enlistment of 145, 245 and 420 KV GIS Manufacturer:**

- a) The manufacturer should have supplied rated KV GIS equipment, type tested, to at least 2 (two) nos. of GIS substations consisting of minimum 5 (five) circuit breaker equipped GIS bays at 40 KA short circuit level or higher having at least one Bus Coupler /Bus tie bay along with minimum two feeder bays with Double Main/ One & half breaker scheme. The manufacturer should also have installed and commissioned at least one of the supplied GIS equipment in India and the same is in successful operation for a minimum one year.

[Supporting Document: Delivery Challan, Performance certificate, Type Test Report of the delivered GIS]

- b) The manufacturer should have established at-least one GIS manufacturing unit in India and that unit should be in running condition.

[Supporting Document: Delivery Instruction / Challan for factory and / or factory visit]

- c) The design of the GIS should comply in general the criteria stated in IEC – 62271-203 (edition 2.0 or further updated version as and when published) and Gas partitioning should comply the guidelines stated in Annexure – F in IEC – 62271 -203 (edition 2.0 or further updated version) for maintaining of the service continuity at the time of maintenance, Repair after failure and extension of GIS when active operative components are intercepted in the Bus bar Chamber. In order to satisfy the same the manufacturer should study the indicative gas SLD attached by WBSETCL and submit the declaration of acceptance of manufacturing according to the attached indicative gas SLD.

[Supporting Document: Declaration of acceptance, Gas SLD]

- d) When there is no active operative components intercepted in the Bus bar Chamber, the partitioning should satisfy the guidelines stated in Annexure – F in IEC – 62271 -206 (edition 2.0 or further updated version) for maintaining of the service continuity at the time of maintenance, Repair after failure and extension of GIS. The manufacturer should in that case submit the gas SLD and that will be accepted if it satisfies the conditions stated in Annexure – F of IEC – 62271 -206 (edition 2.0 or further updated version).

[Supporting Document: Declaration of acceptance, Gas SLD]

- e) The manufacturer should satisfy the general technical particulars of all components like CT, PT, Disconnector and CB as per the Technical specification of WBSETCL and submit a declaration of Acceptance to comply the same.

[Supporting Document: Declaration of acceptance]

Submission of Information for Enlistment as GIS Manufacturer under WBSETCL

Description	Submission					Document SL No
Name of the GIS Manufacturer						
Address of the company with contact number						
Address of the factory in India with contact number						
Name of the Indian Utility where the manufacturer have supplied GIS within last 5 year.	Utility Name	Total CB Bays	Voltage Level with scheme (SM/DM/One & half)		Country of Manufacturing / Date of Commissioning	
Name of the EPC through which the GIS have been supplied in India in last 5 years.	EPC Name	Total CB Bays	Voltage Level with scheme (SM/DM/One & half)		Country of Manufacturing / Date of Commissioning	
Type Testing of GIS	Voltage Level	Country of Type Testing	Date of Type testing	Model No of GIS	Country of Manufacturing	

I declare that the above submission are true and in accordance with the authorized copy of the supporting documents attached as per Document SI no. tabulated above.

Signature with Name & Date

Company Seal

Submission of Information for Enlistment as GIS Manufacturer under WBSETCL

Description	Submission	Document SL No
Testing Facility available in <u>Indian factory</u> ( Brief description of Test equipment , Quality Assurance and others)		
Site Installation & Site Commissioning Facility available in <u>Indian factory</u> ( Brief description of site Test equipment , Man power strength and others)		
Service Facility available in <u>Indian factory</u> ( Brief description of availability of components, Man power strength and others)		

I declare that the above submission are true and in accordance with the authorized copy of the supporting documents attached as per Document Sl no. tabulated above.

Signature with Name & Date

Company Seal