

PRE-QUALIFYING REQUIREMENTS

JOB	SCOPE INCLUDES DESIGN, MANUFACTURE, INSPECTION AND TESTING , PROPER PACKING AND DELIVERY TO SITE OF OIL FILLED SERVICE TRANSFORMERS ALONG WITH FITTINGS & ACCESSORIES AND 10% EXTRA OIL FOR 2 X 600 MW SINGARENI, ADILABAD TPP.
Range of transformers	500 – 10000 kVA HV wdg : 33/11/6.6/3.3 kV grade LV wdg : 11/6.6/3.3/0.415 kV grade
Type of transformers	Oil Filled type

The complete range is divided into 2 categories and the vendor can be considered for evaluation/ registration for the complete range or either of the 2 categories :

- a) Category 1 – LV service transformers : 500 – 2500 kVA (LV wdg. 415V grade)
- b) Category 2 – MV service transformers : Above 2.0 MVA & upto 10 MVA (LV wdg. 3.3 kV grade & above)

Pre-qualifying requirements (PQR) for Oil filled Service Transformers are as under :

1	No. of transformers supplied in the last 5 years : About 50 nos. in category 1 About 20 nos. in category 2 AND
2A	Experience certificates for minimum 2 years of trouble free operation from minimum 2 different end users for the applicable range of transformers. OR
2B	Repeat orders received during last 5 years, provided the transformer has completed a minimum period of 2 years in operation before award of the last contract for the applicable range of transformers. AND
3	In-house capability to carry out all Routine & type tests as per IS (other than Short circuit, degree of protection and impulse tests) for the applicable range of transformers. AND
4	Availability of test certificates (incl. Short circuit test) for at least one design for the applicable range of transformers. AND
5	Bidder/ sub-vendor should have manufactured & supplied at least two numbers (one each at two different installations) of 16 MVA, 11KV or higher rating oil filled transformers which must be in successful operation for a period of at least two (2) years as on date of bid opening. Bidder / sub-vendor should have his own facilities for conducting all routine and type tests as per IS:2026 (except short circuit test). 16 MVA, 11 KV or higher rated oil filled transformer manufactured by bidder should have been successfully short circuit tested.

NOTES

1.	Successful execution of a major order for NTPC EOC, Noida / Power Grid Corporation of India Ltd. (PGCIL) / Nuclear Power Corporation India Ltd. (NPCIL) for the applicable range of transformers can be considered in lieu of criteria 1 to 4 above.
2.	Details pertaining to transformers supplied in higher ranges can also be considered for the above criteria based on details furnished.