



**NATIONAL BANK FOR AGRICULTURE AND
RURAL DEVELOPMENT**

TAMILNADU REGIONAL OFFICE

**TENDER DOCUMENT
PART-II
(PRICE BID)**

**SUPPLY, ERECTION, TESTING AND COMMISSIONING OF
500 KVA TRANSFORMER, 11 KV VCB AND RELATED
WORKS AT NABARD- RO, CHENNAI**

ISSUED TO

.....
.....
.....

(This tender document contains 3 pages)

Seal and Signature of the Contractor

PART –II
BILL OF QUANTITY

SI No	Particulars of Item	Qty	Unit	Rate in Rs.	Amount in Rs.
1	Supply, unloading, leading to site, installation, testing and commissioning of 500 KVA 11 KV/433V oil filled indoor transformer with On Load Tap Changer (OLTC) and conforming to the technical specifications as per tender including constructing an RCC mounting platform 1 Mt high from the Finished Ground Level. The existing platform can be re- used after repair of minor cracks	1	No		
2	Supply, unloading, leading to site, installation, testing and commissioning of single panel 11 KV VCB panel suitable for outdoor installation including mounting platform and conforming and made of RCC of 1 Mt high from Finished Ground Level. The existing platform can be re- used after minor repairs	1	No		
3	Supply, Installation, Testing and Commissioning of 11 KV 3x185 Sqmm aluminium armoured XLPE cable of approved make for earthed system to be laid in excavated trench of depth 1000mm with sand filling brick covering etc and with cable markers etc. complete as directed	25	Mt		
4	Supply, Installation, Testing and Commissioning of 11 KV indoor end termination with heat shrinkable kit complete with all accessories etc. complete as directed	4	No		
5	Removal of existing 11 KV Load Break Switch Fuse Panel etc. complete as	1	No		

Seal and Signature of the Contractor

	directed				
6	Removal of existing 11 KV cable terminations etc. complete as directed	3	No		
7	End Termination of 4R 3.5x240sqmm AL A XLPE cable on the LT side of the new transformer including Gland earthing etc. complete as directed	1	Set		
8	Supply and installation of 17.2mm dia 2 Mt long low carbon steel earth electrode bonded with 250 micron copper with GI clamp to be installed in a suitable bore and filled with 50 Lbs of carbon bond environment friendly back filling compound. The work also to include provision of an RCC trough of size 300x300mm shall be provided with RCC cover for protecting the electrode. (2 nos for transformer body, 1 nos for transformer neutral) etc. complete as directed	4	No		
9	Supply and installation of 25x6mm copper tape to be buried in ground for neutral earthing of transformer etc. complete as directed	20	Mt		
10	Supply and installation of 25x3mm copper tape to be buried in ground for body earthing of transformer, 11 KV single VCB panel and LT ACB panel etc. complete as directed	30	Mt		
11	Co-ordinating and Liaisoning with Electricity Board for switching of 11 kV supply for connecting VCB and transformer with RMG and erecting the new transformer etc, complete as directed	1	Job		
12	Co-ordinating and Liaisoning with Central Electrical Authority, submission of drawings, inspection and other formalities for getting safety certificate	1	Job		

Seal and Signature of the Contractor

	Total value of works				
13	Less buy back for 1 no 630 KVA 11 KV/433V transformer oil filled off load, 1 no 11 KV Load Break Switch Fuse Panel in outdoor enclosure and 11 KV cable	-1	Set		
	Total value of works after buyback				

Amount in words Rs.

Place

Date

Address

**Name &
Seal Signature**

E.A License No: