



pcba

Pollution Control Board, Assam
Bamunimaidam, Guwahati-21

NOTICE INVITING QUOTATION

No. WB/G-1268/16-17/224

Dated Guwahati the, 24th June, 2019

Sealed quotation are invited from registered and experience contractors / firm for supplying 500 KVA (4 star level-II) Transformer to Pollution Control Board, Assam. Quotations will be received up to 2.30 PM on 11-07-2019 and will be opened on the same day at 3.30 PM in presence of Quotationer or their authorize representatives. In case the day of submission of the quotations happens to be a holiday on account of Govt. Notification, the tenders shall be received and opened on the next working day at 3.30 PM for which no separate communication will be made. Other terms & conditions are as per Appendix – A(Specification) & B(Other terms and conditions).

Name of Work : Supply and installation of 500 KVA (4 star level-II) Transformer to the Head Office, Pollution Control Board, Assam at Bamunimaidam, Guwahati-21 (Assam).

Last Date of issue of : 10-07-2019.
paper for quotation

Last Date & Time for : Up to 2.30 PM on 11-07-2019.
submission

Date & Time for opening : 3.30 PM on 11-07-2019.

Time of Completion : 1 (one) month


Member Secretary

Memo No. WB/G-1268/16-17/224-A,

Dated, Guwahati the, 24th June, 2019

Copy to:

1. P.A. to the Chairman, PCBA for kind appraisal of the Hon'ble Chairman.
2. The ACEE/SEE/REE; RO / RLO; Guwahati / Bongaigaon / Silchar / Sivasagar / Dibrugarh / Golaghat / Tezpur / Nagaon, PCBA for information & requested to put up the Notice on the Notice Board of the office for wide circulation.
3. The Asstt. Manager (F&A), Head Office, PCBA for information & necessary action.
4. Website (www.pcbassam.org) / Notice Board of the Board's Head Office, PCBA.


Member Secretary

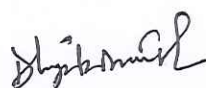
SPECIFICATIONS OF TRANSFORMER AND OTHER TERMS & CONDITIONS

1.	KVA Rating	-	500 KVA	
2.	Rated Voltage			
	HV	-	11000 V	
	LV	-	433 V	
3.	Rated Frequency	-	50 Hz	
4.	Rated Current			
	HV	-	26.24 amps	
	LV	-	666.69 amps	
5.	Connection			
	HV	-	Delta	
	LV	-	Star	
6.	Reference Vector Group	-	Dyn11	
7.	No. of Phases	-	3 (three)	
8.	Tappings			
	i) Range	-	±5%, ±2.5% @2.5%	
	ii) No. of Steps	-	Four Nos.	
	iii For	-	HV Variation	
9.	Reference Ambient Temperature	-	50°C	
10.	Reference Temperature	-	75°C	
11.	Type of Cooling	-	ONAN	
12.	Temperature Rise in Deg C			
	a) Oil	-	40°C	
	b) Winding	-	45°C	
13.	Total Losses			
	i) At 100% Load at Normal Tap	-	4300 watts	
	ii) At 50% Load at Normal Tap	-	1510 watts	
14.	Impedance Voltage at Normal Tap	-	4.50%±10% tolerance	
15.	No load Current @ Rated Voltage	-	2.0% of rated current	
16.	Conductor Materials	-	Copper	
	A) Insulation Level in KV			
	i) p.f. test Voltage - HV	-	28 KV	
	ii) p.f. test Voltage - LV	-	3 KV	
	B) Induced Over Voltage Test in KV			
	i) HV	-	22 KV	
	ii) LV	-	0.866 KV	
	C) Impulse Withstand in KV Peak			
	i) HV	-	75 KV peak	
	ii) LV	-		
17.	Efficiency			
	i) @ full load	-	@ u.p.f.	@ 0.8 p.f. (lag)
	ii) @ 0.75 full load	-	99.19%	98.98%
	iii) @ 0.50 full load	-	99.31%	99.14%
		-	99.40%	99.25%
18.	Regulation @ Full Load			
	i) @ u.p.f.	-	0.794%	
	ii) @ 0.8 p.f. lag	-	3.313%	
19.	Equipment for ONAN Cooling radiators Mounted on Tank	-	Yes	
20.	No. of radiators per TRF	-	5 (five) nos.	
21.	Type of Tap switch	-	Off load tap changer	
22.	Terminal Arrangement			
	i) HV	-	Bushing	
	ii) LV	-	Bushing	
23.	Approximate masses in Kg (±10% Tol.)			
	i) Core & Winding assembly	-	1420 kg	
	ii) Tank fittings & ACC	-	400 kg	

- Total - 2200kg
- 24. Approximate Oil Required for First fill in Ltrs - 465 ltrs.
- 25. Approximate Overall Dimension (±10% Tol.) -
 - i) Length - 2000 mm
 - ii) Breadth - 1500 mm
 - ii) Height - 1700 mm
- 26. Reference standards -
 - i) Transformer - IS-1180 (Part-1) : 2014
 - ii) Oil - IS-335
 - ii) Bushing - IS-2099
 - iv) Loading - IS-6600

APPENDIX-B

SL.NO.	TERMS & CONDITIONS:
1.	Rates should be quoted in figure & words in letter pads or plain papers with a submission letter addressed to the Member Secretary, PCBA. If any variations arises between the rates in figures and words the rate whichever is lower shall be considered.
2.	Leaflets if available or colour photographs of the items should be submitted with the quotation. Failure to which the quotation will be rejected without further communication.
3.	All pages of the quotation and documents shall be signed and dated at the lower right hand corner by the Quotationer or by a person holding power of attorney authorizing him to sign on behalf of the Quotationer before submission of the Quotation.
4.	The rates, taxes (GST) and loading & unloading and transportation, installation charge, etc. of all items to supply at Head Office, Pollution Control Board, Assam, Bamunimaidam, Guwahati-21 should be shown in details with break up.
5.	Any abnormal rate quoted in the quotation will summarily be rejected for which no communication will be made.
6.	Registration certificate and experience profile of the firm/manufacturer/dealers/vendors, Trade license, pan card No., sales tax clearance (Teen No.) and income tax clearance certificate, GST registration certificate should be submitted with the quotation (attested Xerox copies).
7.	Three experience certificate from Government/Semi Government Venders regarding supply of Transformer with details such as date of supply which should be within last 3 years.
8.	Any quotation submitted without the documents mentioned above will be considered as incomplete and the incomplete quotation will be rejected for which no communication will be made.
9.	A Guarantee letter should be enclosed with the quotation with detailed proposal of Guarantee and Free Service period.
10.	Payment will be made by cheque within 15 (fifteen) days after completion of installation and submission of Bill whichever is later.
11.	Copy of the detail Quotation Inviting Notice should attached with the Quotation after signing at the lower right hand corner on each page by the Quotationer or his authorized person as a token of acceptance of the terms & conditions of the Quotations inviting notice.
12.	Earnest money Rs. 10,000/-
13.	All disputes will be subjected to the jurisdiction of Guwahati Court only.



Member Secretary
Pollution Control Board, Assam