

# **TENDER DOCUMENT**

**Construction of Transformer plinth along with shifting,  
erection and installation of 2× 33KV/440 Volt, 750 KVA  
Transformer, HT panel etc. at  
Maniram Dewan Trade Centre**



**Issued by**

**Assam Trade Promotion Organisation**

NH-37, Betkuchi, (Near Balaji Temple)

Guwahati-781 035,

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## TENDER DOCUMENT

NO. ATPO/MDTC/Elect/HT Panel-Reno/2021/211/1908      Dated Guwahati the 10<sup>th</sup> Aug'2021

Sealed quotation affixed court fee stamp of Rs.8.25 (Rupees Eight and paisa Twenty five) only are hereby invited from reputed companies/Firms/ dealers having minimum two years experience in the related fields for the works of "Construction of Transformer plinth along with shifting, erection and installation of 2× 33KV/440 Volt, 750 KVA transformer HT panel etc" at Maniram Dewan Trade Centre, NH-37, Betkuchi, Guwahati -35, Assam and the same will be received by the undersigned up to 01:00 PM of 20-08-2021. The tenders will be opened at 1:30 PM on the same day in the office chamber of the undersigned in presence of the bidders or their authorized representatives.

The tender document can be downloaded from office website [www.atpo.biz](http://www.atpo.biz).

**Name of the works:**                      **Construction of Transformer plinth along with shifting, erection and installation of 2× 33KV/440 Volt, 750 KVA transformer, HT panel etc.**

The detailed scope of work and other conditions are as follows.

-Sd-

**General Manager, ATPO**  
Maniram Dewan Trade Centre  
Betkuchi, Guwahati-35

## **Brief Scope of work:**

1. The bidder should inspect the site prior to submission of their quotation/ tender and should assess the status of above job and quote accordingly. The assessment should be carried out with ATPO's Electrical System AMC Vendor.
2. Tenderers should quote the earliest completion period of the Tendered work.
3. Bidder need to shift the existing 2× 33KV/440 Volt, 750 KVA transformers to the outdoor substation within the premises of Maniram Dewan Trade Centre. All man and materials for shifting purpose are within the scope of this tender.
4. Supply, Testing and commissioning of transformers along with supply of necessary HT Kits, control cables for relays, proper chemical earthing's are within the scope of this tender.
5. Existing VCB control panel need to be shifted from control room & to install nearer to the outdoor substation shed. VCB panel must be properly connected to the necessary parts of the transformer, breaker etc so that all relays work satisfactorily during fault.
6. Necessary supply and testing and commission of required industrial type DC supply along with charger is within the scope of this tender.
7. Bidder need to supply, install, test and commission 630 sq mm 3 and half core 440Volt cable between outdoor substation and indoor LT control panels.
8. Entire path of cable from outdoor substation to the indoor control panel need to be clamped at an interval of 1.5 feet. All Clamps should be corrosion proof (with minimum 1 coat of colour). Existing cable trench may be used wherever possible. Bidder need to perform underground Cable laying through single GI pipe (12 inch size or as may be required, 8 mtr. length) along with Elbow etc. for paver block road crossing portion. Necessary digging works and civil works related to reassembling of paver block road crossing are within bidder's scope.
9. Bidder need to install 33 KV (2 no.s) & 440 Volt danger boards (8 no.s) along the path of the cable and other designated places.
10. Bidder will perform all works related to cable kit termination with all accessories including lugs suitable for 185 sqmm XLPE cable of 33 kV grade including grounding wherever necessary. Existing 185 sq mm 33KV cables may be used between VCB and Transformer
11. Disconnecting of existing 33 KV, 3 core 185 sq mm cable is within the scope of bidder. For shutdown or restoration of power or charging of transformer/ panel/ breaker etc. bidder need to take necessary permission from APDCL in consultation with ATPO authority.
12. Proper testing of cables, termination kits, VCB, battery bank, Transformer, earthing etc. are within the scope of this tender and specified Megger value for resistance & cable continuity has to be obtained while testing. Testing will be done in presence of ATPO/APDCL authorized representative.
13. All necessary connectors for the above-mentioned works are within the scope of this tender.
14. Dismantling of existing fencings, cables, connectors and any other item as required are sole responsibility of the bidder.
15. Bidder has to ascertain proper fencing surrounding the transformers using existing fencing cables including supply of additional items, fencing if required.
16. Shed with proper fabrication need to be provided above the transformers.
17. All the works (including civil, electrical and others if any required) and item supplied should have one-year warranty against supply/manufacturing fault.

18. All tools and instruments required for testing, commissioning or any required activities are in the scope of the vendor.
19. No extra claim for change in rate will be entertained once ordered for the total approved amount. Bidders are asked to fix the required in quantity by doing a joint survey along with ATPO authorized representatives.

**Eligibility Criteria:**

1. Companies Registered under the Companies Act' 1956/2013, Partnership Firm registered in India/ Societies registered under the Societies Registration Act'1860 or Indian Trust Act' 1882/ Sole Proprietorship firms whose proprietor is a resident of India as per income Tax Act'1961.
2. The Bidder must have minimum two years experience in similar field.
3. Bidder should submit a copy of Supervisory license for 33 KV.
4. The firm should have registration with PAN & GST.
5. All supporting documents against the above minimum qualifications must be enclosed with the Bid. Any false/shortfall/misleading certification will lead to disqualification at any stage.
6. The bidder should not have been blacklisted by any institution of the Central or State government on ground of involvement of the bidder in corrupt or fraudulent practices.
7. The bidder should have an office in Guwahati.

**Documents to be submitted**

1. Copy of Registration of Company/ firm/ Proprietorship/ Society, dealership etc.
2. Copy of PAN & GST registration
3. Supervisory/ Contractor license of 33 KV and above
4. Proof of Office address at Guwahati
5. Experience certificate along with client list.
6. Contact details of service personnel - telephone no, email id, mobile no etc
7. Tender fee of Rs. 1000.00 in the form of demand draft in favour of 'Assam Trade Promotion Organisation' payable at SBI, Garchuck, Guwahati
8. EMD of 2 % of quoted rate (without tax) in the form of a demand draft in favour of Assam Trade Promotion Organisation payable at SBI, Garchuck, Guwahati.

**Other Terms & Conditions:**

- i. The rates are to be quoted at **Annexure-A** as per item/ work and related cost including GST. No extra cost will be paid after selection of quotation. Bidder may add additional row at the financial bid in order to show breakup of different works. However, last row should reflect total quoted rate including tax for the entire work.
- ii. Bidder is advised to ascertain the quantum of job and clarify your doubts before quoting the rates. Any additional claim will not be entertained at later date.

- iii. Along with the bid documents, the bidder needs to submit Rs. 1000.00 in the form of DD in favour of Assam Trade Promotion Organisation payable at SBI, Garchuck, Guwahati as tender document fee.
- iv. The bid document must be accompanied by the Earnest Money Deposit of 2 % of quoted rate (without tax) in the form of a demand draft in favour of Assam Trade Promotion Organisation payable at SBI, Garchuck, Guwahati. EMD of the successful bidder will be kept as security deposit by ATPO till the end of the warrantee period of the work i.e. 1 years.
- v. The Earnest money will be released to the unsuccessful bidder after completion of contract awarding process.
- vi. The Bidder shall bear all costs associated with the preparation and submission of its bid, and the ATPO will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
- vii. The works should be completed within 30 days from the date of issue of order. Date of charging may be taken as date of successful work completion from which 1 years warrantee period will be calculated.
- viii. Contractor shall arrange for all temporary connections for water, electricity, sanitation, welding, facilities, tools, manpower etc. at his own cost at the work site.
- ix. No escalation of rates will be permissible after receiving the work order. NO TA/ DA will be provided in warranty period or for other works related to this works. Vendor need to provide onsite services.
- x. Unsatisfactory work will lead to cancellation of the contract, suspension of payment, and any other action that the Trade Centre Authority may deem fit.
- xi. Last Date of submission of tender is 20.08.2021. The tender should be dropped in the tender box kept in the office Underlining in the envelope the tender Number.
- xii. No advance payment will be made by the ATPO. The payment will be released after successful completion of the desired work against GST bill in triplicate. Bidders need to submit challans after supply of items and final bill amount will be as per challans , provided bill amount should be within work order value.
- xiii. The interested bidder should inspect the site before submitting their bids on any working day between 11:00 hours and 16:00 hours.
- xiv. This General Manager, ATPO reserves the right to accept or reject any tender at any point of time during the processing without assigning any reason whatsoever.
- xv. After completion of the works authorized ATPO representative will inspect the works of the firm for further action, if required. For shutdown or restoration of power bidder will take necessary permission from APDCL in consultation with ATPO authority.
- xvi. The contract shall be deemed to have been concluded at Guwahati and all the settlement of disputes, if any emanating from the resultant contract shall be within the jurisdiction of Guwahati. The resultant contract will be interpreted under Indian laws.
- xvii. The firm shall be solely liable for compensation against any claim arising out of accident during the works.

**General Manager, ATPO**

## Annexure-A

Quotation/.....

Date: / /

### FINANCIAL BID

Sl.	Particulars	Qty.	Rate	Amount
1	Construction of plinth of size (2.5 mtr×2.5 Mtr×2 Mtr). for 750 KVA, 33KV/440 Volt transformers . The work including excavation of foundation. base concreting in CC 1:6:12 ratio (cement, fine sand & brick ballast) first class brick work in cement mortar of ratio 1:4 foundation CC in 1:4:8 ratio (cement, fine sand & brick blast) and RCC working ratio 1:2:4 (cement, coarse sand and stone grit of 20mm gauge using MS Bars of 10mm dia. The work also includes laying of Long each rail places completer with cutting welding & proper fitting etc.	2 no.s		
2	Shifting, Erection and installation of 33KV/440 Volt, 750 KVA transformers in a leveled position on the plinth. The work includes dismantling of required items, shifting of transformer to the site of installation within the substation premises, assembling fixing and fitting of all accessories and filling of transformer oil to the desired level and ensuring that there is no leakage.	1 no		
3	Shifting and placing of 33KV/440 Volt, 750 KVA transformers in a leveled position on the plinth.	1 no.		
4	Transformer oil filtration oil (1 no)	1000ltr.		
5	Transformer oil top up (1 no)	50 ltr.		
6	Earthing of transformers by way of Chemical earth pit with all accessories of electrode size : 83 mm× 3 Mtr and bringing out earth continuity Cu strip of 25mm× 3 mm size of required length so as to provide transformer body & neutral earthing's	4 no.s		
7	Supplying and making outdoor armored cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for single core 185 sqmm XLPE cable of 33 kV grade including grounding wherever necessary.	2 sets		
8	Shifting of VCB panel from control room to nearer substation shed including fitting in existing floor and as per direction of in charge, placing and fixing of panel of on channels providing G.I. Nuts & Bolts of proper size in proper position. Necessary connections to transformer, Breaker, and other items are within the scope of works.	1 no		

9	Supply, installation, testing and commissioning of industrial DC battery banks (2 V, 100 AH) with 30 Volt Battery charger along with necessary items, cables etc.	1 set		
10	Supplying, Laying, testing & commissioning of armored 630 sq mm 3.5 core LT cable between 440 Volt transformer and LT panel at control room with proper clamping, connectors, lugs & necessary other necessary items and works	200 mtr.		
11	Supply, testing and commissioning of DC control cable of size 2.5 sq mm 2 core for VCB panel connections	20 mtr.		
12	Supply, testing and commissioning of Control cable 2.5 sqq mm 7 core for VCB panel connections	40 mtr.		
13	Supply, testing and commissioning of Control cable 2.5 sqq mm 12 core for VCB panel connections	20 mtr.		
14	Supply, testing and commissioning of AC supply control cable 2 core for VCB panel connections	60 mtr.		
15	Shifting & Dismantling of existing <b>fencing</b> & Fabrication of switchyard fencing along with erection of GI sheet <b>roof shed above</b> transformers (2 no.s) with MS truss 2.5 inch size, over the Transformers (2 no.s). Items specification wiremesh10SWG(37mmx50mm) & painting. with Fabrication of one number gate made of MS Angle, MS Channel, MS Flat together with locking arrangement, its Installation including the cost of civil material, angle 50x50x6mmchannel and MS flat.	1 job		
16	Supply & installation of 33 KV Danger board along the length of cable at designated place	2 no.s		
17	Supply & installation of 440V Danger board along the length of cable at designated place	8 no.s		
			Amount before tax:	
			<b>Total Amount Including Tax:</b>	

Time required to complete the above job(in days):

We have read out all the terms and conditions, rules referred to and all other contents. We hereby quote out lowest on lump sum basis including all admissible taxes Rs..... (Rupees.....) only for the works of **“Construction of Transformer plinth along with shifting, erection and installation of 2× 33KV/440 Volt, 750 KVA transformer, HT panel etc.”** at Maniram Dewan Trade Centre.

1. Name of Firm :
2. Address (Permanent) :
3. GST Number :
4. EMD amount, BD No & date :
5. Tender fee details, amount, BD No& Date:

I/ we hereby declare the above statement as true to the best of my knowledge and belief. I/we shall abide by the terms & conditions in force and will be impart by the ATPO authority from time to time.

Date:

**Signature & Seal of the Bidder**