



**NAYA RAIPUR DEVELOPMENT AUTHORITY**

**Tender Document For Design, Supply, Installation, Testing,  
Commissioning and Maintenance of 33/0.433 KV  
Distribution Transformers for Office Complex, Commercial  
Complex and Retail Complex buildings at Sector 24 and  
Sector 21 of Naya Raipur (2<sup>nd</sup> call)**

**(Following Three-Envelope Tender Procedure)**

**Schedule – A  
Price Tender  
To be submitted in ENVELOPE-3**

**NIT No. : 110 /DT/VB/ELECT /CE(E)/NRDA/2016-17, Raipur**

**Dated: 04.10.2016**

**Issued by:** Chief Executive Officer,  
Naya Raipur Development Authority (NRDA)  
4<sup>th</sup> Floor,,Paryavas bhawan,North block  
Sector- 19, Naya Raipur- 492 002, Chhattisgarh  
Tel No: + 91 771 2512500; Fax No.: +91 771 2512400.  
Website: [www.nayarapur.gov.in](http://www.nayarapur.gov.in)

## Tender Document Contains

- (a) Only schedule "A" and Section-I of schedule "D" are to be filled & signed by the tenderer
- (b) All the certificates as per pre qualification criteria shall be appended with relevant forms of schedule "D"

### 1. PART ONE (NRDA F-1)-(Attached herewith, to be submit along the tender)

#### Part (A)

- a) Press Notice
- b) Detailed NIT

#### Part (B)

##### a) Schedule-A

- (i) Cost Abstract
- (ii) Bill of Quantities

##### b) Schedule-B –NIL

##### c) Schedule-C –NIL

##### d) Schedule-D

###### Section-I..... Technical tender forms

- (i) Letter of Technical Tender
- (ii) Tenderer's Information Sheet
- (iii) Annual Turnover
- (iv) Specific Construction Experience
- (v) Declaration
- (vi) Check list for Technical tender evaluation

###### Section –II .....Scope of work

###### Section –III..... Technical specifications of work

###### Section –IV..... Special Conditions of Contract

###### Section –V..... List of approved makes

##### e) Schedule-E

##### f) Schedule-F

### 2. PART TWO (NRDA F-2/3) )-Standard form (Not Attached herewith, and not to be submitted along the tender)

Important note: - Link site <http://nayaraipur.com/documents/gcc.pdf>

1. General Guidelines
2. Tender
3. General rules and directions
4. Conditions of contract
5. Clauses of contract
6. Model rules relating to labour, water supply and sanitation in labour camps safety code
7. Contract forms
  - (a) Draft Format for Performance Security
  - (b) Earnest Money Deposit Form (Bank Guarantee)
  - (c) Format of Contract Agreement
  - (d) Draft Format for Performance Guarantee for Water Proofing and Anti-termite Works
  - (e) Indemnity Bond
  - (f) Indenture Bond
  - (g) Notice for Appointment of Arbitrator
8. Proforma of schedules (Schedule 'A' to Schedule 'F')

# Naya Raipur Development Authority (NRDA) Raipur, Chhattisgarh

## Document details

**Name of work : “Design, Supply, Installation, Testing, Commissioning and Maintenance of 33/0.433 KV Distribution Transformers for Office Complex, Commercial Complex and Retail Complex buildings at Sector 24 and Sector 21 of Naya Raipur (2<sup>nd</sup> call)”.**

**Name of Tenderer:**

### Details

- a) Cost of Tender Document : Rs
- b) EMD : Rs

Signature of Tenderer

Date:\_\_\_\_\_

Cost Abstract of Supply , Erection , Testing and Commissioning of Transformer Including Annual Maintenance Contract (AMC) for 3 years (2nd call ) .			
Sr. No.	Description of Works	Total Amount in Rs.	Total Amount in Words (Rs)
A	Design, Supply, Installation, Testing, Commissioning & annual Maintenance for 3 year of 11 no's Transformer for office complex building ,retail complex building and Commercial building at Sector -21 & 24 of Naya Raipur		
	<b>Total Amount in INR</b>		

BILL OF QUANTITIES						
of Supply, Installation, Testing, Commissioning and Maintenance of 33/0.433 KV Distribution Transformers Including Annual Maintenance Contract (AMC) for 3 years for Office Complex, Commercial Complex and Retail Complex buildings at Sector 24 and Sector 21 of Naya Raipur (2nd call)						
Project name :- Complex building ,Retail complex building and Commercial building at Sector -21&24 of Naya Raipur						
Sr. No.	Item Description	Unit	Qty	Rate (Rs.) in		Amount (Rs.)
				Rate(In INR) (In Figure)	Rate(In INR) (In Words)	
1	<b>DISTRIBUTION TRANSFORMER (OIL COOLED TYPE)</b>  Supplying, Installation, Testing and Commissioning of outdoor type Transformer ONAN type with copper winding having following continuous KVA rating, 33 /0.433 KV 3 Phase 50 Hz Vector group DY-11, tapings in steps of ± 2.5%, ± 5%, 7.5% with oil conservator silica gel breather having connecting terminals on HV side suitable for bare conductor connection, cable end box on medium voltage side suitable for 1.1 KV 3½ /1C 500mm2 cable core UG cable and confirming to <b>IS:2026, IS1180 2014 , Power losses As per Level 1 but With Zero positive tolerance for</b> losses on existing Brick /CC/RCC platform with all fittings, accessories, filled with filtered transformer oil including testing and commissioning etc. complete as required The installation shall comply completely as per Chattisgarh PWD/CSPDCL Norms. The Cost of Transformer installation shall be inclusive of following and to be read in conjunction with specification  Factory Testing Site Testing & Commissioning Control Cabling with Termination HT/LT Cable Termination on Transformer side Supplying, Unloading & Shifting , Installing, Testing and commissioning of Transformer & materials at site Transportation/ Transit Insurance Third Party Liability Insurance during Erection/Commissioning Liaisoning for Statutory Approvals for Utility Board Liaisoning for Statutory Approvals for PWD Third Party Inspection Charges at manufacturer's works Third Party Inspection Charges at project site Security & Storage of Equipment at Site Consumables during warranty period					
1.1	1000 KVA	Each	5			-
1.2	2000 KVA	Each	3			-

**BILL OF QUANTITIES**

**of Supply, Installation, Testing, Commissioning and Maintenance of 33/0.433 KV Distribution Transformers Including Annual Maintenance Contract (AMC) for 3 years for Office Complex, Commercial Complex and Retail Complex buildings at Sector 24 and Sector 21 of Naya Raipur (2nd call)**

**Project name :- Complex building ,Retail complex building and Commercial building at Sector -21&24 of Naya Raipur**

Sr. No.	Item Description	Unit	Qty	Rate (Rs.) in		Amount (Rs.)
				Rate(In INR) (In Figure)	Rate(In INR) (In Words)	
<b>2</b>	<b>DISTRIBUTION TRANSFORMER (DRY TYPE)</b>					
	<p>Supplying, Installation, Testing and Commissioning of Dry type Transformer with off load Tap changer RTCC &amp; AVR including shifting on to the foundations etc as required.(Including unloading and shifting at site) with copper winding having following continuous KVA rating, 33 /0.433 KV 3 Phase 50 Hz Vector group DY-11, tapings in steps of ± 2.5%, ± 5%, 7.5% having cable end box on medium voltage side suitable for 1.1 KV 3½ /1C 500mm<sup>2</sup> cable core UG cable and confirming to <b>IS:2026 but With Zero positive tolerance for</b> losses on existing Brick /CC/RCC platform with all fittings, accessories including testing and commissioning etc. complete as required</p> <p>The installation shall comply completely as per Chattisgarh PWD/CSPDCL Norms.</p> <p>The Cost of Transformer installation shall be inclusive of following and to be read in conjunction with specification</p> <p>Factory Testing                      Site Testing &amp; Commissioning                      Control Cabling with Termination                      HT/LT Cable Termination on Transformerside                      Supplying, Unloading &amp; Shifting , Installing, Testing and commissioning of Transformer &amp; materials at site                      Transportation/ Transit Insurance                      Third Party Liability Insurance during Erection/Commissioning                      Liaisoning for Statutory Approvals for Utility Board                      Liaisoning for Statutory Approvals for PWD                      Third Party Inspection Charges at manufacturer's works                      Third Party Inspection Charges at project site                      Security &amp; Storage of Equipment at Site                      Consumables during warranty period</p>					
2.1	2000 KVA	Each	3			-
	<b>Total Amount of work</b>					