



**E-TENDER SPECIFICATION NO. 41/EUDC-I/2023-24/NOIDA (WORKS)**

**ELECTRICITY URBAN DISTRIBUTION CIRCLE-I,**  
**33/11KV SUB-STATION, SECTOR-18, NOIDA**

**E-Tender Document's Cost deposited**

**R.No.....**  
**for Rs.....Dated:.....**

**A.A.O./D.A.**

**From : M/S .....**

To,

The Superintending Engineer,  
Electricity Urban Distribution Circle-I,  
33/11KV Sub-station, Sectpr-18 Ist Floor,  
Opposite Sab Mall, NOIDA.

**Subject: E-Tender for Electricity Urban Distribution Circle-I, Noida against E-Tender  
Specification No.....**

Sir,

With reference to your invitation of E-Tender for the above. I/we hereby offer to the Paschimanchal Vidyut Vitran Nigam Ltd., the items mentioned in E-Tender Form (Part-I) in strict accordance with the annexed conditions of contract Form "A/B", Specifications and Schedule of Rates (Part-II) to the satisfaction of the purchaser or in default thereof agree for forfeiture of Sum of money (EMD) along with further actions mentioned in said conditions of tender to P.V.V.N.L. The detailed particulars are as below.

I/We agree to abide by this tender for the period till finalization of agreement.

A sum of Rs.....(Rupees.....) as earnest money is hereby enclosed as detailed below in favor of desired authority and full value of which shall be retained by P.V.V.N.L. against the condition of contract.

This offer shall remain valid for 180 (One Hundred and Eighty) days from the date of tender opening.

**Details of requisite E/M enclosed in the form of**

.....  
.....

Yours faithfully,

**(Signature of Tenderer with seal)**

**(TO BE SUBMITTED IN DOUBLE SEALED COVER)**

**Date & time of acceptance of E-Tender : .....**  
**Date & time of opening of E-Tender : .....**

From : M/s.....

To,

The Superintending Engineer,  
Electricity Urban Distribution Circle-I,  
33/11KV Sub-station, Sectpr-18 Ist Floor,  
Opposite Sab Mall, NOIDA.

Subject: E-Tender for the supply/ work of .....

Dear Sir,

With reference to your E-Tender Specification No.....for the supply/ work of..... I/we hereby submit my/ our offer in accordance with the annexed terms and conditions, Specification to your satisfaction with the following details:-

1. Acceptance of General Terms & conditions and specification on the form enclosed and signed by me/ us.
2. I/we agree to binding myself/ our self that in the event of the supply/ work being awarded to me/ us, if I/we fail to execute the same, my/ our Earnest Money will stand forfeited.
3. I/we agree to abide by this by this tender for a period of 180 days for finalization and further for a period of as mentioned in Terms & conditions for execution of work/ supply in accordance with the conditions of contract.
4. I/we have been fully understood the work being tendered. I/we have previous experience of doing similar work. Details of the same are enclosed in proof of my/ our statement.
5. I/we also agree to commence the supply/ work within the period as mentioned in your Terms & conditions from the date of contract awarded to me/ us or am/ are authorized by you in writing for taking up the same pending formal execution of contract.
6. In case of any dispute I/we agree to abide by the decision of Superintending Engineer, Electricity Urban Distribution Circle-I, Noida /M.D., PVVNL, Meerut (as the case may be) which shall be final and binding on me/ us and where the Chairman, UPPCL, nominates an arbitrator for adjudication of differences of disputes in case of refusal/ neglect by such nominee, Chairman, UPPCL may nominate another person in his place.
7. I/we also agree that all disputes arising out or and touching or relating the subject matter of this tender, if go to the court of law shall be subject to the jurisdiction of local court of GB Nagar and High Court to the judicature at Allahabad only.

Yours Faithfully,

**SIGNATURE OF THE TENDERER  
WITH SEAL**

## **DECLARATION**

E-Tender invited by : The Superintending Engineer,  
Electricity Urban Distribution Circle-I,  
33/11KV Sub-station, Sectpr-18 Ist Floor,  
Opposite Sab Mall, NOIDA.

E-Tender for (Name of work/ supply) : .....  
.....  
.....

E-Tender Specification No. : .....

Name of Tenderer : .....

IN CONSIDERATION OF THE PVVNL having treated the tenderer to be an eligible person whose tender may be considered, the tenderer hereby agree to the conditions that the proposal in response to the above invitation shall not be withdrawn within 180 days from the date of opening of the e-tender, also to the conditions that if thereafter the tenderer does withdraw his proposal within the said period, the Earnest Money deposited by him may be forfeited to the PVVNL in the discretion of the letter.

**Signed this.....day of.....**

**SIGNATURE OF THE TENDERER  
WITH SEAL**

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD.**  
**Electricity Urban Distribution Circle-I, Sector-18, Noida**  
**PART-I (A)**

**E-Tender Specn.. No...../EUDC-I/2023-24/Noida**

**Dt. of Acceptance :..... time.....Hrs.**  
**Due of Opening Dt. : ..... time ..... Hrs.**

Dear Sir,

With reference to your invitation of tenders against above specifications, I/we hereby offer to the Paschimanchal Vidyut Vitran Nigam Ltd to supply the items/ executive the work mentioned in tender specifications in strict accordance with the annexed conditions of contract from “A/B”, commercial/ technical specifications (Bid Part-I) and schedule of rates (Bid Part-II) to the satisfaction of the purchaser. The detail particulars are as below :-

1. Name of Tenderer :
2. **Address Office/Shop/Workshop** :
  - (a) Phone No.
  - (b) Fax
  - (c) Email address
  - (d) Residence (With Tel No.)
3. Income Tax PAN No. :
4. GST No. :
5. Period of earlier experience for such type of job. :  
(Attach photo copies of supporting documents).
6. Performance Certificates  
(Attach photo copies of supporting documents). :
7. Validity of Proposal Rates :
8. Whether prices are applicable for reduced quantity : Yes / No / N.A.

Issued by :

**S.E.**  
**E.U.D.C.-I,**  
**NOIDA**

**(Signature of Tenderer & Seal)**

**PRE QUALIFYING CONDITIONS OF THE TENDERERS AGAINST E-TENDER NO. 41/EUDC-I/2023-41/NOIDA (WORKS).**

The bidders have to fulfill following minimum conditions of experience and financial competence in order to qualify for consideration this tender:

फर्म/ठेकेदार को निविदा के भाग-प्रथम में निम्नलिखित प्रपत्र Upload कराने आवश्यक होंगे अन्यथा उसका भाग-द्वितीय नहीं खोला जायेगा।

Sl. No.	PARTICULARS	INFORMATION
1	TECHNICAL CAPABILITY	<p>1.1- The Bidder should have a “Class-A” Electrical License Contractor having validity till March, 2024, issued by Electricity Safety Directorate of UP. License must be uploaded.</p> <p>1.2- The bidder should have successfully completed the turnkey/semi-turnkey work of the following nature in the last three financial year as prime contractor from the date of opening of bid part-1 in Government / Semi-Government / PSU Unit. Agreement with satisfactory work completion / Experience Certificate is to be compulsory to upload issued by the Tender Inviting Authority / Work Executed Authority -</p> <p>(a) Bidder Should have successfully erected and commissioned similar or higher rating work in a single turnkey/semi turnkey order, having minimum order value of 80% (Rs. 15.28 Lacs) of the estimated cost of the present tender specification,</p> <p style="text-align: center;">Or</p> <p>(b) Bidder Should have successfully erected and commissioned similar or higher rating work in a single turnkey/semi turnkey order, having minimum order value of 50% (Rs. 9.55 Lacs) of the estimated cost of the present tender specification,</p> <p style="text-align: center;">Or</p> <p>(c) Bidder Should have successfully erected and commissioned similar or higher rating work in a single turnkey/semi turnkey order, having minimum order value of 40% (Rs. 7.64 Lacs) of the estimated cost of the present tender specification,</p>
2	FINANCIAL CAPABILITY	<p>2.1.i- <b>The Minimum Annual Average Turnover (MAAT)</b> The bidder should have a minimum average annual turnover (MAAT) of Rs. 28.65 Lakh (150% of Estimated Value) for the best three financial years out of the last five financial years. The audited balance sheet / CA's certificate with UDIN Number shall be uploaded in support of above failing which the bid shall not be considered.</p> <p>2.1.ii- <b>Net worth</b> of the bidder should be positive. Net worth means the sum total of the paid up capital and free reserves (excluding reserves created out of revaluation) reduced by aggregate value of accumulated losses (including debit balance in profit and loss account for current year) and intangible assets with UDIN Number shall be uploaded in support of above failing which the bid shall not be considered. Certificate of Net worth should be upload.</p> <p>2.1.iii- <b>Solvency:-</b> The bidder should have a minimum solvency of Rs. 4.775 Lakh (25% of Estimated Value) or credit facility for the same from Nationalized/ scheduled bank. Certificate of Solvency should be upload.</p> <p>2.2- The bidder shall to annex character certificate from the District Magistrate along with the Techno Commercial part of the bid document, issued within 3 months from the date of bid opening. (Certificate should be uploaded)</p> <p>2.3- The bidder should not be black listed / debarred from business in any Govt. / Semi Government / PSU / Local Bodies etc. at the time of bid opening. They have to submit an undertaking on Rs. 10.00 non-judicial stamp paper with notary with date regarding this along with the bid. (Certificate should be uploaded)</p>
3	Payment	Payment will be done after complete execution of work/ entire project & submission of executed estimate and after getting satisfactory report in all respect from concern SDO/JE.
4	Other Documents	<p>1. फर्म का वैध जी0एस0टी0 पंजीकरण का स्थायी प्रमाण-पत्र।</p> <p>2. फर्म के स्वामी का पैनकार्ड, एवं आधारकार्ड की छायाप्रति।</p>

5	<b>Times of Completion:</b>	90 Days from the date of Agreement / L.OI.
6	<b>Warranty Period:</b>	12 (Twelve) month (Removing period of defective work).
7	<b>P.B.G.</b>	The Contractor shall have to deposit a security Amount @ 10% of the value of Awarded Contract in the form of FDR/PBG pledged in favor of EE EUDD-V NOIDA at the time of agreement/before the agreement validity of Security amount shall be 01 Year. Security Money shall be returned/refunded after work completion and NOC issued by the concerned division.
8	<b>Earnest Money and Tender Fee</b>	<b>The Bidder has to be Deposited Earnest Money Rs. 19,100.00 and E-Tender Fee Rs. 3000+540=3540.00 (With GST) through RTGS in A/c of EE, EUDD-V, Noida of Axis Bank, Sector-18, Noida Account No. 916020026677998, IFSC Code – UTIB0000361 and pay-in slip, confirmation mail copy should be attached with the first Part through Online while filling the Tender Document.</b>

नोट:- ई-निविदा से सम्बन्धित समस्त प्रपत्र/अभिलेख प्रथम भाग के साथ ई-टेंडर पोर्टल के माध्यम से ऑन लाईन ही प्राप्त किये जाएंगे, अपलोड किये गये प्रपत्र साफ एवं पठनीय योग्य होने चाहिए अन्यथा प्रपत्र को निरस्त कर दिया जाएगा। कोई भी प्रपत्र/अभिलेख मण्डल कार्यालय में अलग से स्वीकार्य नहीं होगा तथा अधोहस्ताक्षरकर्ता द्वारा ई-निविदा में अपलोड किये गये अभिलेखों को आवश्यकतानुसार मूल अभिलेखों से सत्यापन किया जायेगा। अभिलेखों में भिन्नता/उपलब्ध नहीं कराने पर निविदा आमंत्रित करने वाले अधिकारी को निविदादाता की निविदा को बिना किसी कारण बताये निरस्त करने का पूर्ण अधिकार होगा।

**Signature of E-Tenderer with seal**

## (Annexure-1)

### **TECHNICAL SPECIFICATION FOR 11KV AIR BREAK SWITCHES (TPMO) HEAVY DUTY SWITCHES.**

#### **1. SCOPE: -**

The specification covers the design, manufacture, testing, supply and delivery of 11 KV 3-phase outdoor type 11 KV air break manually operated switches (11 KV TPMO) required for distribution system.

The switches shall be suitable for vertical mounting on double PCC or joist poles structure and shall be capable of quick simple, effective and simultaneous operation.

#### **2. STANDARDS: -**

Unless otherwise stipulated in the specification the 11 KV Air Break Switches (TPMO) shall conform to ISS, 9920 (Part- I to V)/1985 or any amendment thereof. Galvanized MS pipe wherever required shall conform to the provisions of ISS: 1239 / 1978 or any revision thereof.

#### **3. CLIMATIC CONDITIONS: -**

"As per clause 2.2 (iii) of general requirement of specifications".

#### **4. RATING :-**

The equipment shall be suitable for the following ratings: -

- (i) Nominal system voltage : 11 KV
- (ii) Rated voltage as per clause 3.1 of ISS : 9920 (Part- II) : 12 KV
- (iii) Rated frequency : 50 HZ
- (iv) Rated normal current : 200 Amps.
- (v) Rated peak withstand current : 31.25 KA
- (vi) Rated short time current : 12.5 KA

The value of the short time shall be one second rated insulation levels for the 11 KV Air Break Switches shall be as follows: -

Rated Voltage KV (rms)	Rated lightning impulse withstand voltage, KV (peak)		Rated one minute power frequency withstand voltage.	
	To earth and between poles	Across the isolating distance.	To earth & between poles.	Across the isolating distance.
1	2	3	4	5
12	75	85	28	32

#### **5.0 CONSTRUCTIONS: -**

11 KV air break switches (TPMO) complete with 11 KV post insulators shall be 3 pole hand operated, single break without earthing blade contact suitable for vertical insulation on double PCC or joint pole structure. Each phase shall have two post insulators mounted on 75x40 mm channel. C.I. casting rockets shall be provided per phase for better movement of rotating insulator and to maintain alignment of insulator.

#### **5.1 POST INSULATORS: -**

The 11 KV post insulators shall conform to ISS: 2544 / 1963 and latest amendment thereof and the supplier shall submit the type and routine tests as per ISS. Pin and caps of post insulators shall be of graded C.I. casting. PCD for 11 kv shall be 57 mm. Creepage distance shall not be less than 320 mm.

## **5.2 PHASE SEPRATION: -**

The phase separation at 12KV rated voltage shall be 550 mm.

## **5.3 BLADE: -**

The blades shall be of extruded electrolytic grade copper flat of not less than 30 x 5 mm which is adequate size and matching with the current capacity. Complete blade shall withstand stresses resulting from short ckt. condition and also operating of the switch under normal condition.

## **5.4 FIXED CONTACTS: -**

The fixed contact element shall be made of extruded electrolytic grade copper flat of 30x2.5 mm (one pair). The contact assembly shall be so designed that while carrying the rated continuous current, the temperature rise does not increase beyond the limits of ISS: 9921 (Part -I to V). The contact shall be pressure contact type and shall provide an easy entry of the blade in to the jaws and exit out from the same without scratching the fixed contact.

## **5.5 TERMINAL PAD:**

Terminal pad shall be made up of electrolytic grade copper flat of not less than 30x5 mm size. Same shall have arrangement for fixing Aluminium terminal connectors.

## **5.6 ARCING HORNS: -**

The 11 KV air break switches (TPMO) shall be provided with 3 sets of renewable galvanized M.S. Rod arcing horn on each phase with 'MAKE BEFORE' & 'BREAK AFTER' features. The diameter of the arcing horns shall be not less than 6 mm.

## **5.7 CONNECTORS: -**

All connectors on both sides suitable for 7.77mm. to 14.15mm. ACSR conductor shall also be provided for making connections from switch to line and equipment.

## **5.8 BEARINGS: -**

The phase coupling bar shall be supported with CI rocker and bush bearing in order to ensure smooth sturdy operation. The rocker phase coupling bar shall rotate in brass/nylon bush bearing contained in suitable weather proof housing/MS plate.

## **5.9 PHASE COUPLING BAR: -**

The bar is required for coupling the rotation of the 3 phase and should be fixed in a manner to permit the smooth and simultaneous movement of all the 3 phases for operation of the switch. The phase coupling bar shall be made from galvanized pipe of 25 mm NB 2.52 Kg/m, thickness 3.25 mm tolerance  $\pm 10\%$  conforming to medium class having weight as per ISS taking into consideration tolerance as per ISS: 1239/1973 or latest amendment thereof.

## **5.10 OPERATING MECHANISM: -**

The operating mechanism shall be suitable for normal operation by one man without undue effort. This shall comprise of operating pipe of diameter 25mm. NB2.52 Kg/m, thickness 3.25 mm tolerance  $\pm 10\%$  medium class and length 4 M with operating handle. The mechanism shall provide adequate mechanical leverage

with minimum of loose/lost motion. The pipe shall conform to medium class galvanized pipe of ISS: 1239/1973 or latest version thereof having weight as per IS.

## **5.11 MECHANICAL STRENGTH: -**

The 11 KV Air Break Switches (TPMO) shall be capable of withstanding the mechanical loads and electromagnetic forces without effecting the operation and current carrying properties. The switches complete with the operating mechanism should not come out of their own enclosed position due to effect of gravity, wind pressure, vibration, reasonable shocks. Their construction shall be such that they do not open under the influence of the short circuit current.

## **5.12 PAINTING: -**

All exposed cast iron and MS parts shall be hot dip galvanized.

**5.13 INSULATOR PINS & CAPS: -**

The insulator pipe and caps shall be made of graded cast iron. The quality of adhesive cement used for connecting should be of good quality and the cement for connecting C.I. caps and studs shall not cause fracture by expansion or loss of size by contraction. Adhesive cement shall also not give rise to chemical reaction with metal fittings

**5.14 LOCKING ARRANGEMENT: -**

A suitable locking arrangement of Allen key type and pad locking shall be provided by the supplier on the operating handle mechanism in such a manner to permit pad locking the switch in both open and closed position.

**5.15 BOLTS AND NUTS: -**

The required bolts and nuts for assembling the complete 11 KV Air Break Switch and for fixing the same to the structure shall be supplied with the equipment at no extra cost. All bolts & nuts shall be heavily electroplated, and of reputed concern. The make shall be electroplated marked with ISI mark. Steel bolts and nuts shall conform to IS : 363/1967 and IS : 1967/1007 or amendment.

**5.16 MATERIAL: -**

The material of the following parts shall be as given below:-

- i) Insulator Pins : Graded cast Iron
- ii) Insulator cap : Graded cast Iron
- iii) Jaws : Extruded electrolytic grade copper flat of 30 x 2.5 mm
- iv) Blade : Extruded electrolytic grade copper flat of 30 x 5 mm
- v) Bushes : Brass/Nylon
- vi) Rocker : Graded cast iron
- vii) Base Channel : M.S. HDG, 75 x 40 mm, 500 mm length

The particulars of the main components of the 11 KV Air Break Switches (TPMO) shall be as under.

- (a) MS mounting channels shall be 75x40 mm (2.8 mtr long), dully galvanized.
- (b) Main galvanized iron pipe for phase coupling bar 25 mm NB, medium class having weight as per IS.
- (c) Operating rod galvanized iron pipe size 25 mm. NB, medium class having weight as per IS
- (d) Base channel for mounting insulators per phase shall be of Hot dip galvanized MS of 75 x 40 mm size.

**5.17** The 11 KV air break switches (TPMO) are required to be fixed on PCC poles or on SP-55. The holes on mounting angles shall be suitably slotted to match the clamps for both PCC and SP-55 pole. The centre to centre distance of double pole is 1.8 mtr.

**6.0 TESTS: -**

The offered equipment must be proven design through successful type testing as per IS: 9920 (Part - 1 to 4) / 1985 during last 3 yrs counted from the date of opening of opening of tender. The type tests required to be conducted on the equipment offered shall be as given below: -

- i) Dielectric test
- ii) Temperature rise test
- iii) Short time withstand current and peak withstand current test.
- iv) Operating and mechanical endurance test.

However the operating & mechanical endurance test shall be proven during the inspection. In addition to above, the type test on 11 kv post insulators shall be conducted at the Govt. Test house approved by the purchaser at the cost of manufacturer in the presence of purchaser's representative. Copies of all type test reports (excluding routine tests) along with detailed drawing of the equipment shall be enclosed with the tender to prove the successful type testing, failing which it will be presumed that the condition of type testing is not fulfilled.

Purchaser may however at his discretion, consider to accept a design type tested earlier than 5 years or an offered design which is very close to a design proven through type testing, latest up to inspection, free of charge to the purchaser.

The "Engineer of the contract" reserves the right to select a TPMO out of the supplies and send it to any recognized test house and get any/all the tests conducted. These tests shall be got conducted in presence of the representative of "Engineer of the contract". The cost of such test (s) shall be borne initially by the supplier but in case, the material is found conforming to prescribed specification, the charges shall be reimbursed by "purchaser". In case the material fails or does not confirm to the specification, the test charges shall be borne by the supplier. In addition to this, following penalizing action shall also be taken by the "Engineer of the contract".

(a). The order shall be cancelled.

(b). The supplier will be debarred for consideration in participating in three subsequent tenders of same item counted from the date of tests resulting into failure of design.

#### **7.0 ROUTINE TESTS: -**

The 11 KV Air Break Switches (TPMO) shall be subjected to the following routine tests :-

(i) Power frequency voltage dry withstand test, on the main circuit.

(ii) Measurement of the resistance of the main circuit.

(iii) Temperature rise test,

(iv) Mechanical operating test.

#### **8.0 GALVANISED TESTS: -**

As per ISS: 2633/1964, the galvanized parts shall be subjected to tests to determine the uniformity of coating of zinc as also the quantity of coating per unit area of the surface. The minimum required standard for galvanized coating shall be as per ISS: 2633 / 1964, or the latest amendment thereof.

#### **9.0 INSPECTION: -**

All tests and inspection shall be carried out at the premises of manufacturer as well as the stores of the purchaser to the extent possible as decided by purchaser. The manufacturer shall provide, to the inspection unit representative (the purchaser), all reasonable facilities without charge to satisfy him that the material is being furnished in accordance with this specification.

#### **10.0 NAME PLATE: -**

11 KV air break switches (TPMO) and operating device shall be provided with the aluminum name plate which contains the information in accordance with table IS / 9921 (Part- V) / 1985 or the latest amendment thereof. This nameplate shall be weather proof and corrosion proof and shall contain the specification no. against which the supply is being made and the property of PVVNL. The name plate shall be visible in the position of normal service/installation. In addition, each TPMO shall be purchased with the Firm's trademark, the order No. & the Sl. No. from 1 to last no of order along with PVVNL.

**TERMS & CONDITIONS AGAINST E-TENDER NO. 41/EUDC-I/2023-24/NOIDA (WORKS) FOR CARRYING OUT THE 12 NOS. WORK SYSTEM STRENGTHENING (TPMO / FUSE SET) IN AREA OF EUDSD-VIII, NOIDA UNDER EUDD-V, NOIDA IN THE JURIDICION OF EUDC-I, NOIDA (ADDITIONAL BUSINESS PLAN RS. 30.00 CRORE FOR NOIDA ZONE).**

**Special Conditions of the Specification**

नोट –

1. संदर्भित निविदा के अन्तर्गत प्रस्तावित कार्य टर्नकी आधार पर कराया जायेगा।
2. संदर्भित निविदा के अन्तर्गत आवश्यकतानुसार पावर परिवर्तक, वितरण परिवर्तक, 33 केवी एवं 11 केवी वीसीबी, कन्ट्रोल पैनल, 33 केवी सीटी/पीटी, एसीएसआर कण्डक्टर (डॉग/वीजल/रैबिट), विभिन्न साईज की एल0टी0 ए.बी. केबिल, 33 केवी व 11 केवी एक्स.एल.पी.ई. केबिल, एल0टी0 एक्स.एल.पी.ई. केबिल, एस0टी0 पोल, पीसीसी पोल, 33 एवं 11 केवी पिन इन्सूलेटर तथा 33 केवी/11 केवी डिस्क इन्सूलेटर मय फिटिंग डिस्कॉम स्टोर से उपलब्ध कराया जायेगा।
3. प्राक्कलनानुसार निविदा के कार्य हेतु क्रमांक 2 पर वर्णित सामग्री के अतिरिक्त अन्य सभी सामग्री निविदादाता द्वारा स्वयं उपलब्ध कराई जायेगी जिससे कार्य ससमय पूर्ण किया जा सकें।
4. निविदादाता द्वारा कार्य को रेस्पो द्वारा निर्धारित विशिष्टीकरण, मानको के अनुरूप ही कराया जायेगा।
5. निविदादाता द्वारा पश्चिमांचल के अनुमोदित वेन्डर से, अनुमोदित जी0टी0पी0 के अनुसार ही सामग्री क्रय की जायेगी। जिसका निविदादाता द्वारा अधीक्षण अभियन्ता के माध्यम से विभागीय नियमानुसार निरीक्षण/परीक्षण कराया जाना आवश्यक होगा।
6. निविदा के कार्य एलओआई/अनुबन्ध की तिथि से आगामी 3 माह की अवधि में पूर्ण कराया जायेगा।
7. कार्य मात्रा पूर्णतः अनुमानित है, प्राक्कलन/कार्यस्थल की बाध्यता के आधार पर अतिरिक्त कार्य भी जोड़े/घटाये जा सकते हैं। किसी भी कार्य में शून्य से अधिकतम सीमा तक (निविदा धनराशि की सीमा के अन्दर) परिवर्तन किया जा सकता है।
8. कार्य सम्बन्धित खण्ड के स्वीकृत प्राक्कलन के अनुसार किया जायेगा।

**Responsibilities of Contractor:-**

1. The contractor is required to make them fully conversant with the job required and the work shall be executed as per general conditions of the tender specification contract.
2. The contractor shall be supplying, erecting, testing & commissioning of all materials and equipment's not mentioned specifically in the scope of works but required to complete the job in all respect, except excluded specifically for which no extra payment shall be made.
3. The Contractor shall have to arrange all carriage facility including transportation cartages, man power, T&P etc.
4. Any type of NOC (Forest Deptt., Noida/Gr.Noida/Yamuna Authority any other Govt./PSU/Private areas etc.) for the completion of following work will be arranged by the bidder itself only, Department will not be liable for these NOC.
5. The charges for Road cutting, Forest Clearances charges, land lease charges or from any other agency which are required to complete the work shall be paid by the contractor.
6. Tenderer are advised to visit the sites/Areas of divisions before offering their rates.
7. Illumination/Lighting of working site shall be in the scope of contractor. Nothing shall be paid by the PVVNL.
8. Safety of Man & Material shall be ensured by contractor.
9. The contractor shall ensure that the work is carried out as per NGT Norms/Standard and in such a manner that all premises always look Neat & clean, Similarly, the waste disposal is also carried out in totally sealed manner without affecting the Environment.
10. Contractor shall have to deposit a security Amount @ 10% of the value of Awarded Contract in the form of FDR/PBG pledged in favor of EE EUDD-V NOIDA at the time of agreement/before the agreement validity of Security amount shall be 01 Year. Security Money shall be returned/refunded after work completion and NOC issued by the concerned division.

**Taxes:-**

The Bidder all quoted rate should be inclusive GST & all other taxes.

### **Others Terms & Conditions:-**

1. Any loss or damage to any of the public utilities shall be repaired by the contractor at his own cost.
2. The Contractor shall have to arrange all carriage facility including transportation cartages, man power T&P etc on its own cost.
3. The Contractor shall make adequate Arrangement for proper Handling of Material to avoid any Damage/ Loss/Accident etc of any kind.
4. No T&P will be provided by the department. The Contractor shall arrange all the T&Ps. Equipment's. Welding set, generator set etc. required for carrying out the above work at his own cost.
5. The contractor shall be fully responsible for any loss/thefts/damaged/accidents the material of the departments and accordingly, he shall have to keep adequate watch and ward to avoid any loss/thefts /damages/accidents etc. to the material of the PVVNL.
6. During the period of work in progress, the Contractor shall have to provide lighting arrangement sign board etc or necessary precautionary arrangement so that accident/ damages/ losses to the public/manpower of the contractor/ department etc. are avoided.
7. The contractor shall be fully responsible for any accident/loss to the persons(s) working with/under him and shall have to pay compensation in accordance with the prevailing rules & regulations of Govt/ PVVNL.
8. All the charges on account of damages/losses/thefts etc. involved under the condition laid down above shall be borne by the contractor.
9. Proper skilled staff included Supervisor capable for execution of the above work shall have to be arranged by the contractor. The safety of labour while at work shall be the responsibility of the contractor and any compensation to be paid to them on any account, whatsoever, shall also be responsibility of the contractor UPPCL/ PVVNL shall not be liable for any such compensation etc.
10. The contractor shall have to execute the work within the stipulated time as provided in the order (work-slip) to be issued by the competent authority.
11. All the material will be provided by the Department (PVVNL), except providing by the contractor as per mentioned in rate schedule, cable Jointing Kits, bricks, cement, coarse sand, river sand, brick ballast, stone ballast, all type of clamps, nuts & bolts and other petty items etc. if required for execution of work, which will be arranged by the contractor at his own cost.
12. A Penalty @½% per week for Delay in Execution of work shall be payable by the contractor on the total value of work not done/late done as per work slip. The maximum penalty livable will not, however, exceed 10% of the value of the order not execution.
13. The Proper Shut down will be given as required by the Contractor time to time as per site/system Requirement and Availability by the SDO/JE of the Concern Area.
14. The bills in triplicate duly Pre - receipted with the original work-slip shall be submitted by the Contractor to the Engineer of the Contract for Payment.
15. The work is to be Done by the Contractor under the Direct Supervision of concerned S.D.O (Dist).
16. Depending upon the site conditions, the individual quantity of any item / work may vary up to ±20% but total value of the work shall not ±10% exceed beyond the Agreement Value.
17. All General Conditions of Contract laid down in Form 'A' & Form 'B' of UPSEB/ UPPCL/PVVNL shall also be applicable.
18. GST TDS, Income Tax, Labour Cess & other taxes shall be deducted from the bills of the Contractor as per rules prevailing at the time of payment.
19. If the Contractor Fails to execute the work within the stipulated period, the order placing authority reserve the right to get the work done departmentally or through any other agency. The Excess expenditure, if any, incurred in this connection plus 15% supervision charges shall be debited from the Contractor and it will be recovered from the Security Amount/Running/Pending Bills or through any other credit pending with UPPCL of the Contractor.
20. Not withstanding the agreement executed with the Contractor, the Engineer of the contract always reserves the right to get the work done by department or through any other agency. The Contractor shall have no objection and claims over such work.
21. The Agreement can be terminated by the Engineer of the Contract at any time without any notice in the event of un-satisfactory performance of the Contractor. This is however, without prejudice to the other Terms & Conditions of the Agreement.

22. For any dispute arising out of the Contract, Chief Engineer (Dist.), Noida Zone, Noida. Shall final Authority to Decide the Dispute and his Decision shall be binding on both the Parties.
23. LT Lead, Distribution Box, Feeder Pillar, Meter Panel, LT ACB with Cabinet, HDPE Pipe, TPMO, Fuse Set, Chemical earthing etc. shall be inspected by the competent committee of PVVNL before supply of material for which an inspection call will be made to competent committee authority P.V.V.N.L. through S.E., E.U.D.C-I, Noida.
24. E.E., E.U.D.D-V, Noida shall be the consignee of all material.
25. The contractor will purchase the material as per approved technical specification / G.T.P.
26. The supplier of the material shall have the experience of supplying the material to PVVNL/ Govt. / PSU utilities.
27. All the work (erection, grouting etc.) will be completed as per RESPO Norms.
28. Videography or Photography of site shall be done by the contractor before start the work and after its completion, cost of which will be borne by the contractor.
29. The firm shall procure the materials from reputed manufactures.
30. All those petty materials not appearing in the prices schedule but are required to complete the work as per Bill of Quantity / Price Schedule, shall have to be arranged by the contractor at his own cost. Similarly any work activity not specifically indicated but is required for systematic execution of job as per Bill of Quantity / Price Schedule, shall also be done by the contractor for which no separate payments shall be made.
31. Payment of work shall be done by E.E., EUDD-V, Noida after complete execution of work/ entire project & submission of executed estimate and after getting satisfactory report in all respect from concern SDO/JE and availability of funds.
32. In case the tenderer quotes impractical rates for the work and does not enter into a contract, action will be taken to confiscate the earnest money of the tenderer and blacklist the firm.
33. The Tender Work will be bifurcated/allotted within Two firms / more than two firms on L-1 quoted rates as required for timely completion the works by the SE EUDC -I, Noida at the time of agreement.
34. As per the requirement of the work, out of the contracted quantity, the work can be done in the work area of any section after the permission of the Superintending Engineer, Electricity Urban Distribution Circle-I, Noida.

**Superintending Engineer**  
**EUDC-I, Noida**