

### <u>उ०प्र० जल विद्युत निगम लि०</u> ई—निविदा सूचना

इस खण्ड के अन्तर्गत निम्नलिखित कार्य हेतु अनुभवी / प्रतिष्ठित ठेकेदारों, जो सम्बन्धित कार्य का अनुभव रखते हो, से निम्नलिखित ई—निविदाए दो भाग में आमत्रित की जाती है।

	मा मिलावर रूपानियार या मा में जाता है।			
1.	निविदा सं0		T-13/EGD/Mzn/2022-23. निरगाजनी जल विद्युत गृह की ट्रैशरेक जाली की सफाई एंव	
			विद्युत गृह की दैनिक सफाई का कार्य। धरोहर राशि रु० 14000.00 (RTGS/NEFT के रुप	
			में) निविदा शुल्क 826.00 जीoएसoटीo सम्मिलित (RTGS/NEFT के रुप में)	
4.	निविदा सं0		T-14/EGD/Mzn/2022-23. चित्तौड़ा जल विद्युत गृह की ट्रैशरेक जाली की सफाई एंव विद्युत	
			गृह की दैनिक सफाई का कार्य। धरोहर राशि रु० 12000.00 (RTGS/NEFT के रुप में) निविदा	
			शुल्क 708.00 जी०एस०टी० सम्मिलित (RTGS/NEFT के रुप में).	
	निविदा सं0	:	T-15/EGD/Mzn/2022-23. सलावा जल विद्युत गृह की ट्रैशरेक जाली की सफाई एंव विद्युत	
			गृह की दैनिक सफाई का कार्य। धरोहर राशि रु० 12000.00 (RTGS/NEFT के रुप में) निविदा	
			शुल्क 708.00 जी०एस०टी० सम्मिलित (RTGS/NEFT के रुप में).	
	निविदा सं0		T-16/EGD/Mzn/2022-23. भोला जल विद्युत गृह की ट्रैशरेक जाली की सफाई एंव विद्युत	
			गृह की दैनिक सफाई का कार्य। धरोहर राशि रु० 12000.00 (RTGS/NEFT के रुप में) निविदा	
			शुल्क 708.00 जी०एस०टी० सम्मिलित (RTGS/NEFT के रुप में).	
	निविदा सं0		T-17/EGD/Mzn/2022-23. ३३ के०वी० भोला कॅकडखेडा लाईन की मरम्मत (ब्रेक	
			डाउन / शट् डाउन) हेतु वार्षिक दर अनुबन्ध एक वर्ष के लिए आवश्यकता है। धरोहर राशि रु०	
			4000.00 (RTGS/NEFT के रुप में) निविदा शुल्क 354.00 जी०एस०टी० सम्मिलित	
			(RTGS/NEFT के रुप में).	
8.	वेबसाईट पर ई—निविदा स्वीकार	:	06—02—2023 / 16:00 बजे तक।	
	करने तथा डाउनलोड करने की अन्तिम तिथि / समय			
	•			
9.	ई–निविदा का प्रथम भाग खुलने की तिथि/समय	:	07—02—2023 / 10:00 बजे से।	
	प्रमासाल / रागप			

नोटः—निविदा सम्बन्धित समस्त जानकारी, विवरण / डाउनलोड / निवेदा में प्रतिभागिता हेतु वेबसाईट www.etender.up.nic.in पर लॉग इन करे। किसी भी प्रकार के संशोधन / विस्तार की सूचना उल्लिखित वेबसाईट पर दी जायेगी। सभी जानकारी उ०प्र० जल विद्युत निगम लि० की वेबसाईट www.upjvn.org पर भी उपलब्ध रहेगी। अधिशासी अभियन्ता, जल विद्युत उत्पादन खण्ड, मुजफ्फरगनर के भारतीय स्टेट बैंक, मैन मार्किट, मुजफ्फरगनर के खाता सख्या 33722690590 एंव IFSC Code SBIN0002412 में RTGS/NEFT के द्वारा वाछिंत धरोहर राशि / निविदा शुल्क जमा कराना होगा। इच्छुक निविदाकार, निविदा खुलने की तिथि से पूर्व, किसी भी कार्य दिवस में अनुमित उपरान्त, विद्युत गृह में कराये जाने वाले सम्भावित कार्यों का निरीक्षण कर सकते हैं। निविदा के प्रथम भाग की विवेचना एवं अनुमोदन पश्चात, निविदा का द्वितीय भाग खोलने की तिथि सूचित की जायेगी। अद्योहस्ताक्षरी द्वारा बिना कारण बताये निविदा को निरस्त करने का अधिकार सुरिक्षित है। अधिशासी अभियन्ता, विद्युत उत्पादन खण्ड, नई मण्डी, मुजफ्फरनगर।

''राष्ट्रहित में ऊर्जा बचायें''

# ELECTRICITY GENERATION DIVISION, MUZAFFARNAGAR



# E-TENDER SPECIFICATION NO.T-17/EGD/Mzn/2022-23 FOR

Annual Rate Contract for maintenance (Breakdown / Shutdown) of 33 KV Bhola-Kankerkhera Line under EGD, Muzaffarnagar.

Tender cost: Rs. 354/- including GST.

EXECUTIVE ENGINEER

ELECTRICITY GENERATION DIVISION

U.P. JAL VIDYUT NIGAM LTD.

MUZAFFARNAGAR.(U.P.)

### INSTRUCTIONS TO TENDERERS

## For E-Tender specification No T-17/EGD/MZN/2022-23

- 1. General:- The bidders are requested to make themselves fully conversant with the scope of work, seeing working site, technical specification, general terms and conditions as per terms and conditions for the work contract for UPJVNL, special terms and conditions etc. before submission of the tender and thereafter they should quote their rates in price schedule accordingly so that no ambiguity at later stage arises. For participation in this E-Tender bidder should be registered with U.P. Electronics Corporation, Ashok Marg, Lucknow.
- 2. Submission of Tender:- The tender must be submitted in two parts, known as Part-I (Prerequisites for opening of Part-II) and Part-II (Price bid). Part—I of the tender shall be opened electronically in the presence of bidder's representatives, who choose to attend, at the prescribed venue, date and time mentioned in tender notice. Part-II of tender shall be opened after the approval given by SE HGC Khara for only those bidders who have fulfilled the criteria as per prequalifying conditions of the tender on the basis of documents submitted in Part-I of the tender. Similarly part—II of the tender shall be opened electronically in the presence of bidder's representatives, who choose to attend, at the prescribed venue, date and time
- 3. a) E-bids (Technical and Financial) must be submitted by the bidders at e- procurement website http://etender.up.nic.in not later than as prescribed date and time in tender notice.
  - b) The purchaser may at his discretion, extends this deadline for submission of bids by amending the bid documents.
- 4. Late Bids:- The server time indicated in the bid Management window on the e-procurement website http://etender.up.nic.in will be the time by which the bid submission activity will be allowed till the permissible date and time schedule in the bidding. Once the bid submission period is over, the bidder cannot submit their bid. Bidder has to start the bid submission well in advance so that submission process is completed within the scheduled period, failing which it shall be the bidder's responsibility.

#### 5. Withdrawal and resubmission of E-bids:-

- a) At any point of time, a bidder may withdraw their bid submitted through NEFT/RTGS before the bid completion of bid submission period.
- b) The bidder has to request the purchaser with a letter, attaching the proof of withdrawal and submission of bid security/EMD in the office of purchaser for taking back the bid security EMD through NEFT/RTGS.
- c) The bidder can re-submit their bid as and when required till the scheduled bid submission end date and time. The bid submitted earlier will be replaced by the new one. The bid security submitted by the bidder earlier will be used for revised bid and the new bid submission summary generated after the successful submission of the revised bid will be considered for evaluation purposes.
- d) The bidder can submit their revised bids as many times as possible by uploading their bid documents within the schedule period for submission of e-bids.
- e) No bid can be re-submitted subsequently after the period for submission of bids is over.
- 6. Bidders are advised to study the bid document carefully. Submission of bids against the tender notice shall be deemed to have been done after careful study and examination of the procedures, terms and conditions stipulated in the bid documents with full understanding of its implications.
- 7. The bid document is available at e-procurement website http://etender.up.nic.in. Interested bidders may view, download the bidding document, seek clarification and submit their bid online up to the prescribed date and time through uploading on e-procurement website http://etender.up.nic.in.

- 8. The bidders are required to submit the cost of tender documents as stated above only through NEFT/RTGS in the A/c No. 33722690590 of State Bank of India, Main Market, Muzaffarnagar IFSC Code SBIN0002412 in the favour of "Executive Engineer, UPJVNL, Electricity Generation Division, Muzaffarnagar" (U.P.). NEFT/RTGS Deposit slip must be uploaded electronically along with all the bid documents, prior to the scheduled date & time of submission of bid, failing which bid shall not be considered/opened. Any other form of deposition of tender fee and EMD will not be considered. Any other means of cost submission will be rejected.
- 9. All bids must be accompanied with a bid Earnest Money Deposited only through NEFT/RTGS in the A/c No. 33722690590 of State Bank of India, Main Market, Muzaffarnagar IFSC Code SBIN0002412 in the favour of "Executive Engineer, UPJVNL, Electricity Generation Division, Muzaffarnagar" (U.P.). NEFT/RTGS Deposited slip must be uploaded electronically along with all the bid documents. Any other means of cost submission will be rejected.
- **10.** The bids shall be electronically opened in the presence of bidder's representatives, who choose to attend, at the prescribed venue, date and time mentioned above.
- 11. The purchaser reserves the right to cancel any all the bids/annul the bidding process without assigning any reason thereof.
- 12. In the event of date specified for bids opening, being declared a holiday then bid shall be opened on next working day at schedule time.
- 13. All the required documents shall be submitted/ uploaded by the bidder electronically in the .pdf format. However, the financial bid should be submitted in the .xls format.
- 14. No deviation from the Technical specification & Technical Conditions shall be acceptable.
- 15. The price bid of only those firms shall be opened who shall fulfill specified pre qualifying conditions.
- **16.** Contract/ Agreement:- All work covered under this specification shall be carried out in accordance with the general condition of form A \ B, attached herewith and contractor will have to enter into a written agreement with the Engineer-in-charge of work.
  - i) The tenderer to whom the work is awarded, shall execute a written agreement as specified above, with the department / UPJVNL, on 100/- Rupees non-judicial stamp paper, (purchased by the contractors in his own name / firm), after intimation by this office..
  - ii) If any tenderer's rates are accepted and he does not turn up for agreement even after intimation the earnest money submitted by him will be forfeited.
- 17. Security Deposit:- The successful tenderer will have to deposit a security amounting to 2% of the tendered sum before entering into contract. Such security will be in the shape of NEFT/RTGS in the A/c No. 33722690590 of State Bank of India, Main Market, Muzaffarnagar IFSC Code SBIN0002412 in favour of the Executive Engineer, UPJVNL, Electricity Generation Division, Muzaffarnagar valid for a minimum period of 12 month. The said security shall be released after twelve months from the date of successful completion of work awarded to him. This security may be forfeited against the work carried out by him, if not found satisfactory.
- **18.** <u>Subletting of Work Contract:</u> The contractor will not be allowed to sublet the work contract under any circumstances. If does so, the work contract shall become liable for termination and balance work shall be got done through other agency on contractors account, which will be made good by deduction from contractors bills.
- 19. <u>Award of Contract:</u> The UPJVNL / Department shall not be bound to accept the lowest or any other tender, and Executive Engineer, Electricity Generation Division, Muzaffarnagar, reserves the right to reject the whole or any portion of the tender, as he may think fit, without assigning any reason thereof. The contractor may be asked to immediately start the work keeping in the view the urgency of the work at site.

#### 20. Other Conditions

- The tender fee will not be refunded under any circumstances whatsoever.
- After awarding the LOI, if any thing comes in to notice regarding false documents submitted for getting the tender or bidder involved in mafia activity or threatened other bidders or entrapped other bidder in participating in tender, the tender shall be cancelled and any loss to the Nigam on this account shall be responsibility of the contractor. In such cases action to be taken as deemed fit.
- ➤ It may be noted that no request for extension in the due date of tender opening shall be entertained.
- ➤ UPJVNL may revise or amend the specification, drawing or any other documents forming part of the tender documents prior to the date notified for opening of the tenders. Such revision or amendment, if any, will be communicated to all the tenderers as amendment to this invitation of tenders, in time.
- The successful tenderer who shall enter in agreement with engineer of contract shall fully responsible for any sort of accident or injury to his labour while on duty and he will take all possible measure to ensure that no such event is occurred. However, in case of any accident of any nature, during the execution of the work, the department will not be held responsible or liable to make any compensation to contractor's labour.
- The successful tenderer who shall enter in agreement with engineer of contract will observe all the rules and regulation of Factory Act; Workman compensation Act etc.
- ➤ In case of any loss or damage of Nigam's property during execution of work due to negligence on the part of contractor or his labours, the contractor has to bear the charges of these losses as assessed by the Engineer Contract, in this regard it will be final and binding on the part of the contractor.
- All the dispute arising out of and touching or relating to the subject matter of this agreement shall be put up before higher authorities of the department i.e. S.E. / C.E. Their decision shall be binding on both parties. Any action taken or proceeding initiated on any of the terms of this agreement shall be only in the competent jurisdiction under the High Court of judicature at Allahabad.
- ➤ Only such firms / contractors should submit tenders who are having experience of such type of work and necessary resources to undertaking such work to the satisfaction of departmental Engineer In-charge of work. The tenderers must include testimonials of the experience from appropriate authority where they have executed the work of similar nature.

Executive Engineer EGD Muzaffarnagar

#### SPECIFICATION IN REGARD TO TECHNICAL & FINANCIAL BID

E-bids (Technical and Financial) must be submitted by the bidders at e- procurement website http://etender.up.nic.in not later than as prescribed date and time in tender notice.

### A <u>Tender Bid Part-I (Technical Bid)</u>

#### **Pre-Qualifying Terms and Conditions**

Tender bid Part-I of tender should be submitted in a cover-Ist against specified tender No "T-17/EGD/Mzn/2022-23" containing the copies of following scanned documents duly signed & stamped by bidders.

- I. Earnest money (Rs.4000/-) and tender fee (Rs. 354.00) only in shape of NEFT/RTGS in the A/c No. 33722690590 of State Bank of India, Main Market, Muzaffarnagar IFSC Code SBIN0002412 in favour of the Executive Engineer, UPJVNL, Electricity Generation Division, Muzaffarnagar will be accepted any other means for money transfer will be rejected.
- II. An agreement on non-judicial stamp paper of Rs.100/- regarding validity of offer on prescribed Performa with the signature of two witnesses.
- III. Latest Copy of Income Tax clearance certificate /copy of return filed for last 03 financial yearwith the copy of PAN issued from Income Tax department.
- IV. Latest financial year turnover of the firm. Average annual financial turnover during the last 3 years should be at least Rs. 2,00,000.00.
- V. Similar nature of work executed in Government department which shall be:

Experience of having successfully completed similar nature of work/Maintenance of Hydro Power House during last 7 year ending Dec -2022, should be either of the following:-

1) Three similar nature of work costing not less than the amount equal to Rs. 80,000.00.

OR

2) Two similar nature of work costing not less than Rs. 1,00,000.00.

OR

- 3) One similar nature of work costing not less than Rs. 1,60,000.00.
- VI. A copy of partnership deed in case tenderer is partnership firm. In case of limited company a copy of registration certificate issued by Registrar of Companies.
- VII. Copy of Good & Service Tax registration.
- **VIII.** Proof regarding group insurance.
  - **IX.** Self-Attested copy of EPF Registration Certificate or undertaking if not applicable.
  - **X.** Copy of Labour license/ registration issued by DLC, Muzaffarnagar/ Meerut valid for work in UGC Hydro Power Station.

OR

In case Labour license issued by any other DLC/DLC Muzaffarnagar/ Meerut valid for work other than Hydro Power Station, then the firm shall submit the following undertaking on non-judicial stamp paper of Rs. 10/- and shall comply with the same, incase LOI is issued in his favour:-

"We shall submit Labour license issued by DLC, Muzaffarnagar/ Meerut valid for Hydro Power Station within 30 days after issue of LOI, failing which LOI issued may be canceled and any penalty imposed by UPJVNL shall be acceptable."

- **XI.** Copy of character certificate issued by SP/DM, Muzaffarnagar/ Meerut / Distt. of Corporate Office or Works of firm.
- XII. Latest No dues certificate regarding house rent and electricity charge from concerned Electricity Generation Division, Muzaffarngar, if the house is allotted to tenderer or undertaking of no dues in this regard.

#### Note:-

- **a.** If at any stage during finalization of tender/execution of order, any documents, submitted by a contractor in his bid in support of pre-qualifying conditions, is found to be forged/false, his bid or order is liable to be rejected. EMD/Security deposit forfeited any other departmental action as deemed fit be initiated. For this purpose the contractor shall have to produce original documents, if required before opening of bid Part-II /afterward, as the case may be.
- **b.** Any deviation in terms & condition must be enclosed with Part-I. Deviation in the terms & condition may be the cause of not opening of tenderer Part-II.
- **c.** All the bidders will have to produce the original copy of all the scanned documents uploaded in cover-Ist, as & when required, for verification purpose.

#### B Tender Bid Part-II (Financial Bid)

- i. This part of the tender will contain price bid only. Part-II of tender shall be opened after approval given by SE HGC Khara for only those bidders who have fulfilled the pre- qualifying conditions of the tender on the basis of documents submitted in Part-I of the tender. Opening date of the Part-II shall be intimated later, after scrutiny of tender part-I, & thereafter approval from Superintending Engineer, Hydel Generation Circle, Khara, Bhadshahibagh, Saharanpur. Part— II of the tender shall also be opened electronically in the presence of bidder's representatives, who choose to attend, at the prescribed venue, date and time.
- ii. Rate should be quoted in figure & words exclusive of Goods & Service tax in prescribed .xls Sheet(i.e B.O.Q). If there is a discrepancy between words and figures, the amount in words will prevail. GST shall be paid extra at actual as legally applicable.
- iii. The earnest money of un-successful bidders of the tender shall be returned to them after finalization of the tender. In case of successful bidders, the earnest money may be retained and may be adjusted towards in initial security deposit.
- iv. All the terms and condition of Form 'A' and 'B' of erstwhile UPSEB will also be applicable.
- v. Conditional offer will not be accepted in any case and will be rejected immediately.
- **vi.** No request for consideration of earnest money from pending bills/security money/EMD shall be entertained. And no tenderer can exempted from submission of EMD.
- **vii.** Validity of Offer:- The tender submitted by the bidders must valid for a period of at least 6 months from the date of opening of tender.
- viii. If the opening date happened to be a holiday then the tender shall be opened on the next working day at the same time as mentioned in tender notice.

Executive Engineer EGD Muzaffarnagar

#### "SCOPE OF WORK AND SPECIAL CONDITION"

#### AGAINST TENDER SPECIFICATION NO T-17/EGD/MZN/2022-23

The scope of tender includes arrangement of material for planned / breakdown maintenance of 33 KV line from Bhola power station to 132 KV Kankerkhera Sub Station, Meerut comprising of the following in brief, as per requirement, depending on the nature of the fault:-

- **A.** Fabrication / Procurement of the 33 KV line materials, as required.
- **B.** Pit digging, erection of new pole along with its concreting, and dismantling of old poles complete in all respect as per requirement.
- **C.** Fixing the cross arm, F-bracket, E-bracket, pin & disc insulators and other fittings, complete in all respect.
- **D.** Re-sagging and stringing of ACSR conductor.
- E. Stay fitting, Guarding, laying of earth wire etc.
- F. Patrolling of Line as per requirement.
- **G.** Straightening of tilted pole.
- H. Tree cutting.
- I. Cartage of old & used scrap material as taken out from line back to store.

#### **DETAILED SCOPE OF WORK:-**

S.No.	Item	Qty.
1	Patrolling of entire stretch of 33 KV Bhola-Kankerkhera Line of 13 Km:- The work shall cover patrolling during breakdowns / Shut down along the line. The patrolling work includes thorough checking of the complete line and their mounted accessories for any damage.	14 Job
2	Cutting of trees along 33 KV line:- The work shall cover shedding / cutting of tree branches so as to have adequate clearances from the conductor (approx.2 mtrs.). The cutting / shedding shall be done using cutting equipment (like axe etc.) taking into consideration labour safety & all laid down rules.	12 K.m.
3	Erection of Single Line Support on ST Pole 13 Mtrs./11 Mtrs.:-  The work shall cover excavation of hole / pit of size 75x45x2.00 cm. in the direction of line for erection of support. A stone pad shall be placed in the pit / hole. Erection of single Pole STP 13 mtr/11 mtr. Concreting of support shall be done as per standard by a mixture of 1:4:8 of cement concrete and back filling. After erection of support, fitting of V-type Cross Arm, F-bracket, all Clamps, Nut & Bolts, Pin Insulators with Pins, Wrapping of Barbed Wire (2 Kg.), painting along with surface preparation etc. Cross arm, F-bracket and all other line accessories shall be erected in proper alignment and fitting shall be turned for proper side of the line using proper T&P.Cross arm Clamp suitable for 13 meter long S.T. P made of Mild steel flat of size 75 x6 mm along with 2 nos. Nuts & bolts size 16x100 mm long full treaded as per sample shall be used. The support shall be carefully checked for its vertically by the sprit level. Cartage, Civil Material, Labour and T&P required for completion of work.	2 Nos.
4	Stringing of 33 KV Line Conductor:  The work shall cover laying, lifting, stringing and proper sagging of 33 KV line spans on ACSR raccoon conductor with opening the binding from the insulators and rebinding after proper sagging. The first step of stringing the conductor is to unwind the conductor with proper T&P and care to avoid kinks or damage of the conductor. Snatch pulley block should be placed on the support. The route shall be so cleared that chances of damage to the conductor are removed. After doing the same, the conductor shall be laid down with proper care. When the conductor is placed in position, it is to be pulled up for proper sag. To carry this operation, a come along clamp shall be used and conductor sagging shall be uniform. After proper sagging the Disc Fitting Tension type shall be fixed and conductor shall be kept on the insulators and shall be fastened. The work shall be carried out for lose / broken / re-routing, if any of 33 KV line conductor	500 Mtr.

5	Straightening of 11 mtrs. long tilted supports of 33 KV line as per details below :	
(a)	(i) Binding of gye ropes in the pole in four sides of 11 mtr. long pole and manually holding in straight position to avoid its falling.	1 Job
	(ii) Digging of pit of proper size approx.2.00 mtr. deep and 2.00 mtr. wide and making the pole straight and resetting of 33 KV X-arms in proper alignment with opening/re-fixing the same. Filling the pit and properly ramming of earth into pit.	1 Job
(b)	Grouting of supports in ratio 1:4:8 in cement, coarse sand & stone ballast in a block of 0.45x 0.45 x 1.00 mtr. All civil material, shuttering, labour, cartage etc. shall be arranged by the contractor	1 Job
(c)	Making cylindrical plinths of the support around the pole in ratio 1:4:8 in cement, coarse sand & stone ballast and plastering in 1:4 of 12 mm thick complete in all respect. All civil material, shuttering, labour, cartage etc. shall be arranged by the contractor.	1 Job
6	Replacement of Pin Insulators along with pin & nut for Single / Double / Four Pole:- The work shall cover replacement of damaged, old, flash over 33 KV Pin insulators & Pin with nuts of 11 / 13 mtrs. Single / Double / Four Poleof 13 km 33 KV Bhola-Kankerkhera line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	13 Nos.
7	Replacement of damaged 'F'-bracket for Single Pole :- The work shall cover replacement of damaged'F'-bracket of 11 / 13 mtrs. SinglePoleof 13 km 33 KV Bhola-Kankerkhera line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	3 Nos.
8	Replacement of damaged 'E'-bracket for Double / Four Pole :- The work shall cover replacement of damaged 'E'-bracket of 11 / 13 mtrs. Double / Four Poleof 13 km 33 KV Bhola-Kankerkhera line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	3 Nos.
9	Replacement of damaged Disc Fitting for Double / Four Pole :- The work shall cover replacement of damageddisc fittingof 11 / 13 mtrs. Double / Four Poleof 13 km 33 KV Bhola-Kankerkhera line for ACSR raccoon conductor as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	4 Nos.
10	Fixing of PG clamps:- The work shall cover fixing of PG clamps for ACSR raccoon conductor at different places along the line complete in all respect.P.G. Clamp made of Aluminum alloysuitable for ACSR Raccoon complete with two nos. C.I. counter shrunk bolts washer etc. shall be used.	5 Nos.
11	Mounting and fixing of MS angle iron cross bracing set for Double / Four Pole:  The work shall cover mounting and fixing of MS angle iron cross bracing set (one set shall comprise of 02 nos. 65 × 65 × 6 mm 4300 mm long bracing) with 4 clamp at different places along the line on either double or four poles, as per requirement, along with its accessories. Angle iron cross bracing shall be fabricated from Mild Steel section confirming to the relevant I.S.S. Bracing clamp suitable for 11/ 13 meter S.T.P made of Mild Steel flat 50×6 mm with 2 nos. Nuts, bolts sizes 65×16 mm full threaded top bottom side of pole shall be used.	1 Nos.
12	Mounting and fixing of MS angle iron guarding channel for Double / Four Pole:- The work shall cover mounting and fixing of MS angle iron guarding channel at different places along the line along with its accessories.MS angle iron guarding channel shall be fabricated from Mild Steel section confirming to the relevant I.S.S.	2 Nos.
13	Guarding of 33 KV line span :- The work shall cover guarding over the telephone line, road, L.T. and H.T. Line crossing, fieldsby means of G.I. Wire 8 SWGcomplete in all respect.	5 Span
14	Fixing of stay Rod:  The work shall cover fixing of stay rod and back filling with complete nozzling including fitting of stay clamps, stay wire and nut & bolts etc., complete in all respect. Stays are to be used at angle, section or terminal double pole, four pole position of the support as per requirement. For fixing the same excavation of hole / pit shall be done and stay rod shall be grouted properly. Fastening of the stay wire to the support and its proper tightening shall be done.	3 Nos.

15	Alignment of 33 KV tilted X-arms :-	1 Job
	The work shall cover making alignment of 33 KV tilted X-arms after dismantling the same by opening / cutting of jammed bolts, as required. Thereafter making proper alignment and tightening the same with new MS clamps, bolts & nuts etc. complete in all respect.	
16	<u>Laying with Earth Wire (16 SWG) :-</u> The work shall cover layingof single G.I. Earth Wire 7.16 mm or 16 SWG along 33 KV line along with all its accessories.	500 Mtrs.
17	<u>Dismantling of old 33 KV line accessories :-</u> The work shall cover dismantling of old & used 33 KV line cross arms, top channel, clamps etc. from old STP after opening / cutting of the jammed and rusted nuts & bolts etc. and safely dismounting the same.	3 Job
18	<u>Uprooting of old STP supports :-</u> The work shall cover uprooting of old STP supports after digging of pits in all type of soil and safely grounding.	3 Nos.
19	<u>Dragging of old STP supports :-</u> The work shall cover dragging of old STP from agricultural fields/ site to road side for safe loading on vehicle.	2 Job
20	<u>Cartage of old 33 KV line accessories :-</u> The work shall cover cartage of old STP, Cross arm etc. from work site to Store at Bhola Power House.	3 Job
21	Replacement of damaged old disc insulators:- The work shall cover replacement of damaged old disc insulators B&S type 7000 Kg. at various places along the line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	10 Nos.
22	Erection of Double Pole 13 Mtrs./11 Mtrs.:-  The work shall cover excavation of hole / pit & placing stone pad Erection of double Pole STP-SP-72 13 Mtr/ 11 Mtr. Concreting with 1:4:8 Cement Concrete and back filling and fitting of top channel, Wrapping of Barbed Wire (4 Kg.), painting with surface preparation etc., Cartage, Civil Material, Labour and T&P required for completion of work as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	1 Nos.
23	Supply and fixing new number plate with clamp of poles for 33 KV lines as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	5 Nos.
24	Supply and fixing new danger board with clamp of poles for 33 KV lines as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	6 Nos.
25	Printing & painting of old number plate of 33 KV line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	6 Nos.
26	Printing & painting of old danger board of 33 KV line as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	5 Nos.
27	Earthing of pole by MS earthing rod 20x2500 mm. and 6 SWG earthing wire etc. as per requirement and direction of Engineer-in-charge or his representative complete in all respect.	3 Nos.

- 1. The I.S.I. made Nuts and Bolts of appropriate size shall be used along with necessary washers.
- 2. All material used in construction shall be of standard make.

**Executive Engineer** 

# BILL OF QUANTITY SPECIMEN Against Open Tender No.T-17/EGD/MZN/2022-23

#### Annual Jobwise Rate Contract For Maintenance (Breakdown / Shutdown) of 33 KV Bhola-KankarKhera Line Rate Amount S.No. Item Qty. (Rs.) (Rs.) 14 Job Patrolling of entire stretch of 33 KV Bhola-Kankerkhera Line of 13 Km. 2 12 K.m. Cutting of trees along 33 KV line Excavation of hole / pit & placing stone pad Erection of single Pole 02 Nos. 3 STP- 13/11 Mtr. Concreting with 1:4:8 Cement Concrete and back filling and fitting of V-type Cross Arm, F-bracket, all Clamps, Nut & Bolts, Pin Insulators with Pins, Wrapping of Barbed Wire (2 Kg.), painting with surface preparation etc., Cartage, Civil Material, Labour and T&P required for completion of work. Laying, lifting, stringing and proper sagging of loose 33 KV line spans 500 Mtr. 4 on ACSR raccoon conductor with opening the binding from the insulators and rebinding after proper sagging. Straightening of 11 mtrs.long tilted supports of 33 KV line as follow (3 Nos.):-5 (a) (i) Binding of gye ropes in the pole in four sides of 11 mtr. Long pole 1 Job and manually holding in straight position to avoid its falling (ii) Digging of pit of proper size approx.2.00 mtr. Deep and 2.00 mtr. 1 Job Wide and making the pole straight and resetting of 33 KV X-arms in proper alignment with opening/refixing the same. Filling the pit and properly ramming of earth into pit Grouting of supports in ratio 1:4:8 in cement, coarse sand & stone 1 Job (b) ballast in a block of 0.45 X 0.45 X 1.00 mtr. All civil material, shuttering, labour, cartage etc. shall be arranged by the contractor at his own cost. Making cylindrical plinths of the support around the pole in ratio 1:4:8 1 Job (c) in cement, C.sand & stone ballast and plastering in 1:4 of 12 mm thick complete in all respect Replacement of damaged, old, flash over 33 KV Pin insulators & Pin 13 Nos. 6 with nuts at various places along the line 7 Replacement of damaged 'F'-bracket at various places along the line 3 Nos. 8 Replacement of damaged 'E'-bracket at various places along the line 3 Nos. 9 Replacement of damaged Disc fitting at various places along the line 4 Nos. 10 Fixing of PG clamps for ACSR raccoon conductor at different places 5 Nos. along the line. 1 Nos. 11 Mounting and fixing of MS angle iron cross bracing set at different places along the line on double and four ploes alongwith its accessories Mounting and fixing of MS angle iron guarding channel at different 12 2 Nos. places along the line alongwith its accessories. 13 Gaurding on the telephone line, road, L.T. and H.T. Line crossing i.e. 5 Span stringing of G.I. Wire 8 SWG, Labour and T&P required for completion of work. 14 Fixing of stay Rod and back filling with complete nozzling including 3 Nos. fitting of stay clamps, stay wire and nut & bolts etc. Labour and T&P required for completion of work. Making alignment of 33 KV tilted X-arms after opening the same with 1 Job 15 cutting of jammed, bolts/nuts, making in proper alignment and tightening the same with MS clamps, bolts & nuts etc. complete in all respect. 16 Laying with 1 no. G.S. Earth Wire 7/16 SWG along 33 KV line along 500 Mtrs. with all its accessories.

17	Dismantling of old 33 KV line cross arms,top channel,clamps etc. from old STP after cutting of the jammed and rusted bolts,nuts etc. and safely dismounting the same.	3 Job	
18	Uprooting of old STP supports after digging of pits in all type of soil and safely grounding.	3 Nos.	
19	Dragging of old STP from agricultural fields/ site to road side for loading on vehicle.	2 Job	
20	Cartage of old STP,Top channel,Cross arm etc.from work site to Store at Bhola Power House.	3 Job	
21	Replacement of damaged old disc insulators B&S type 7000 Kg. at various places along the line	10 Nos.	
22	Excavation of hole / pit & placing stone pad Erection of double Pole STP-SP-72 13 Mtr. Concreting with 1:4:8 Cement Concrete and back filling and fitting of top channel, Wrapping of Barbed Wire (4 Kg.), painting with surface preparation etc., Cartage, Civil Material, Labour and T&P required for completion of work.	1 Nos.	
23	Supply and fixing new number plate with clamp of poles for 33 KV lines	5 Nos.	
24	Supply and fixing new danger board with clamp of poles for 33 KV lines	6 Nos.	
25	Printing & painting of old number plate of 33 KV line	6 Nos.	
26	Printing & painting of old danger board of 33 KV line	5 Nos.	
27	Earthing of pole by MS earthing rod 20x2500 mm. and 6 SWG earthing wire etc.	3 Nos.	
	Total Rs.		

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#### Note:-

- 1. The above mentioned quantity of job may vary & shall be decided as per requirement, of fault, if any. However subject to condition that above said maintenance contract shall be restricted to maximum value of the contract.
- 2. In case no fault occurs during the period of contract, then no claim in regard to said contract shall be entertained by the department.
- 3. For detailed scope of work refer tender specifications.
- 4. All material required to be replaced shall be provided by the contractor at his own cost, except V-type Cross Arm, ACSR Racoon Conductor & 13 mtr. Steel Tubular Pole. The tenderer shall quote accordingly.
- The time for completion of work in regard to work indent, at any stage, shall be calculated on the basis of time schedule of the contract with the successful biddertaking into consideration parallel & interlocked job activity, along with quantum of work. Accordingly, time shall be allotted for completion of work in respect to work indent.
- 6. The above being a rate contract, individual break-up rates has to be quoted for each work, in respect to rate schedule. The tender of those bidders whose price bid shall comprise of Lump-sum rates in rates schedule instead of break-up rates, shall not be entertained & shall be rejected.

Executive Engineer EGD, Muzaffarnagar

## **TENDER No T-17/EGD/MZN/2022-23**

#### **Special Terms&Conditions:**

- 1 The above maintenance contract will be restricted to the maximum value of the contract, however the quantity of jobs may vary & shall be decided as per requirement. Accordingly work indent will be issued as per requirement, in case of shutdown / breakdown (if any).
- 2 The quantity of job (as the case may be) shall be decided as per requirement of the work..
- 3 In case of occurrence of fault, if any, the amount of expenditure to be incurred shall be calculated on the basis of rate schedule of contract with the successful bidder.
- 4 In case, if no fault occurs in the 33 KV line during the period of the contract, no claim in regard to the contract shall be entertained by the department.
- 5 The work covered under scope of work shall be completed by the contractor, within One year from the date of the start of work.
  - The time for completion of work in regard to work indent, at any stage, shall be calculated on the basis of time schedule of the contract with the successful bidder taking into consideration parallel & interlocked job activity, along with quantum of work. Accordingly, time shall be allotted for completion of work in respect to work indent.
- 6 All material required to be replacedshall be provided by the contractor at his own cost, except V-type Cross Arm, ACSR Racoon Conductor & 13 mtr. Steel Tubular Pole which shall be provided by the department.
- 7 All T&P shall be arranged by the contractor at his own cost.
- 8 Skilled and unskilled labour shall be arranged by the contractor at his own cost.
- 9 Any other work, T&P and material not covered but necessary for proper completion of work shall be arranged by contractor at his own cost.
- 10 The sample of each item will have to be got approved by the Engineer in charge or his representative
- Departmental material will be issued to the Contractor through proper invoice and contractor shall be responsible for safe storage of all the material issued to him. No extra payments shall be made to him for storage and safety of materials.
- 12 These special condition of the contract shall be read and constructed along with the annexed general condition of the contract form 'A' as modified by the provision hereof, but if there is any conflict or inconsistency between the provision hereof and those contained in general condition, the special conditions shall prevail.

#### 13 SCOPE OF WORK:-

The scope of work involved will be as per technical specification attached herewith.

#### **14 RATES:-**

Rates quoted shall be firm & final, includes all legal taxes & duties, insurance, royalty & octroi etc. No extra payments shall be made on this account. No escalation of rates over the finally accepted shall be allowed. (However, the rates shall be exclusive of GST which shall be charged extra, as per rule, as legally applicable.).

- PAYMENT: -The payment shall be running in nature which shall be made after successful execution of work as per issued work indent / indents (if any, as the case may be). Accordingly 90% payment will be made after successful completion of the work. Remaining 10% shall be retained as performance guarantee, which shall be released after 12 months from successful completion of work. However 100% payment may be released on submitting the FDR/ CDR for the amount of the 10% of contract value, in respect towork, valid for a period of 12 months after completion of work.
- Penalty at the rate of ½% per week, subject to maximum of 10% of the total value of the work (as per work indent) for late completion of work, shall be levied and deducted from the bills of the contractor. The same shall be exempted in case of forced majeure.
- 16 The contractor shall be responsible for the safe loading & transportation from the store, safe unloading and storage at site or contractor store.
- 17 The contractor shall be responsible for any theft of material, equipment& other accessories, issued to him by UPJVNL, till line is handed over to the Division. In case, contractor fails to provide the stolen items, the cost of the same shall be made available to the department, by the contractor.
- The contractor will be responsible for any Accident/Loss/Damage during the execution of work. The contractor shall be fully responsible for payment of accidental benefit and compensation in case of death of any worker engaged by him, as per provisions of rules / order of the Government under the compensation act. No liabilities whatsoever will be accepted by this office/ department/ U.P. Jal Vidyut Nigam Ltd.
- 19 Electricity at one point in power house, if available shall be made available to the contractor by the department free of cost.
- The contractor shall obtain the permission for himself and for his Engineer/ staff/ workers etc. to enter into power station premises / area for execution of work. He shall take full responsibility for good conduct of his staff and worker engaged for execution of work / job.

### 21 **GST:-**

GST shall be paid to contractor as per existing rules and regulations as legally applicable, on production of valid GST registration certificate. Any amendment as per government policies on tax structure shall be applicable. Any amendment as per government policies on tax structure shall be applicable.

#### 22 INCOME TAX:-

Income tax shall be deducted from the bill of the contractor as per existing rules and regulations as legally applicable, on all the work as specified in the above notification.

- 23 All requisite T&P and Labour etc. will be provided by the contractor for the execution of work.
- All type of civil material, such as sand, cement, soil, stone ballast, bricks, etc. T&P as well as labour shall be arranged by the contractor at his own cost.

#### 25 TERMINATION OF THE CONTRACT:-

The contract can be terminated at any time, if it is found that the work is not being carried out to the satisfaction of the Engineer-in-charge or his representative. Under such condition the complete work will be got done through other agency and all such expenditure including extra if any, incurred will be chargeable from the contractor.

- All material which is not available in the Central Store of Department or not Specified in Tender, but required for completion of work shall be supplied by the Contractor at his own cost.
- 27 The work shall be completed as per standard procedure & practice.
- The work shall be carried out as per schedule norms and Engineer-in-Charge or his representative can ask contractor to stop the work if he is not satisfied with quality of work.
- 29 All instruction of Government, Electricity Department will be complied/obeyed by the Contractor.
- 30 After completion of work in every respect, the same will finally be inspected by the officer concerned. Any defects pointed out by Engineer in Charge or his representative during the handing over the same shall be rectified by the contractor.
- 31 Old material removed from the site of work shall be returned to the Dept.
- 32 The final / running bill pre receipted in duplicate of the respective work will only be submitted by the contractor after removal of the defects pointed out by the concerned sub-division.

#### 33 **OTHER TERMS**:-

- (A) The contractor will be allowed to work normally during working hours only i.e. from 8 AM to 5 PM. However, depending on necessity & essentiality of service, the working hours can be extended by the Engineer-in-charge. No claim in this regard shall be entertained.
- (B) The contractor shall remain liable to remove the defects that may develop in the work arising solely from the faulty workmanship.
- (C) The Engineer-in-charge shall have the right to object employment or pressure of any person, labour engaged by the contractor; non-compliance, negligence, misconduct shall be considered undesirable. In the interest of work; contractor shall be bound to remove such person from the work area site at once.
- (D) No claim shall be accepted against point no.-33-C above.
- (E) Due to any reason, the department considered that the work is to be stopped; the contractor shall not be entitled for any claim arising out for such circumstances. However he shall be allowed time extension to the extent for such period, during which the work remained suspended.
- 34 All other terms & conditions shall be governed by the relevant clauses of general condition of Form-"A" & "B" erstwhile UPSEB shall be applicable.

**Executive Engineer** 

#### Special Terms & Condition in General

#### 1- GENERAL:-

These special condition of the contract shall be read and constructed along with the annexed general condition of the contract form 'A' as modified by the provision hereof, but if there is any conflict or inconsistency between the provision hereof and those contained in general condition, the special conditions shall prevail.

#### 2- SCOPE OF WORK:-

The scope of work involved will be as per technical specification attached herewith.

#### *3- DATE OF COMPLETION:-*

The work covered under scope of work shall be completed by the contractor, within one year from the date of the start of work.

#### 4- DATE OF START:-

Date of start will be counted from the date execution of agreement or the date of agreement or issue of LOI whichever is later.

#### 5- PENALTY:-

'Half per cent' per week penalty of the uncompleted work, subject to maximum 'Ten per cent', shall be deducted from the contractor's bill; in case the work are not completed within stipulated times as per 3 above.

#### 6- VARIATION QUANTITY:-

The quantities are approximate & may very 10% as per site requirement.

#### 7- ACCIDENT / DEATH OF WORKER:-

The contractor shall be fully responsible for payment of accidental benefit and compensation in case of death of any worker engaged by him, as per provisions of rules / order of the Government under the compensation act. No liabilities whatsoever will be accepted by this office/ department/ U.P. JalVidyut Nigam Ltd.

#### 8- INSURANCE:-

Contractor will be responsible for insurance as per para no.22 Form 'A' enclosed.

#### 9- PERMISSION FOR ENTERING IN TO POWER STATIONS:-

The contractor shall obtain the permission for himself and for his Engineer/ staff/ workers etc. to enter into power station premises / area for execution of work. He shall take full responsibility for good conduct of his staff and worker engaged for execution of work / job.

#### 10- TERMINATION OF THE CONTRACT:-

The contract can be terminated at any time, if it is found that the work is not being carried out to the satisfaction of the Engineer-in-charge or his representative. Under such condition the complete work will be got done through other agency and all such expenditure including extra if any, incurred will be chargeable from the contractor.

#### 11- TRANSPORTATION OF MAN & MATERIALS:-

Contractor will make his own arrangement for transportation of his staff / workers & materials to be work sites and back. Site storage facility will be provided by the department fee of cost, as per availability.

#### 12- INCOME TAX:-

Income tax & other Taxes, if any, shall be deducted from the bill of the contractor as per existing rules and regulations as legally applicable.

#### 13- ELECTRICAL ENERGY:-

If the electricity power is required for execution of work at the site of power houses, the same shall be provided by the department free of cost at one point supply. Departmental Accommodation, if available near the site, the same will be provided to the staff/ workers of the contractor, along with electricity for lighting by the department.

#### 14- <u>PAYMENT:-</u>

90% payment will be made after successful completion of the work. Remaining 10% shall be retained as performance guarantee, which shall be released after 12 months of successful completion of work. However 100% payment may be released on submitting the FDR/ CDR for the amount of the Ten per cent of contract value, valid for a period of 12 months after completion of work.

#### 15- RATES:-

Rates quoted shall be firm & final, includes all legal taxes & duties, insurance, royalty &octroi etc. No extra payments shall be made on this account. No escalation of rates over the finally accepted shall be allowed. (However, the rates shall be exclusive of GST which shall be charged extra, as per rule, as legally applicable.).

#### 16- OTHER TERMS:-

- (A) The contractor will be allowed to work normally during working hours only i.e. from 8 AM to 5 PM or as per direction of Engineer in Charge or his representative.
- (B) The contractor shall remain liable to remove the defects that may develop in the work arising solely from the faulty workmanship.
- (C) The Engineer-in-charge shall have the right to object employment or pressure of any person, labour engaged by the contractor; non-compliance, negligence, misconduct shall be considered undesirable. In the interest of work; contractor shall be bound to remove such person from the work area site at once.
- (D) No claim shall be accepted against point no.-16-C above.
- (E) Due to any reason, the department considered that the work is to be stopped, the contractor shall not be entitled for any claim arising out for such circumstances. However he shall be allowed time extension to the extent for such period, during which the work remained suspended.
- (F) Specification of work or items may be allotted as per written direction of the Engineer-in-charge, if any dispute in this regard, the decision of Ex.En, EGD, Mzn. shall be final & binding.

#### 17- GENERAL:-

All the disputes arising out of and touching or relating to the subject or later on this agreement shall be subject to the jurisdiction of the local court of Muzaffarnagar and High Court of judicature at Allahabad.

- (A) In case any loss or damage to Departmental property, during the execution of work due to negligence on the part of the contractor or his representative / workers; The contractor have to bear the charges of that loss, as assessed by the Ex.En., EGD., (UPJVNL); Muzaffar Nagar. In this regard his decision will be final and binding on the part of the contractor.
- (B) The contractor will observe all the rules and regulations of Factory Act, Workman Compensation Act etc.

#### 18- NOTICE TO THE CONTRACTOR:-

Any notice to be given to the contractor may if the UPJVNL Engineer thinks fit be posted to his address or handed over to his representative and such posting or acknowledgement shall be deemed to have been served such notice & the time mentioned and the general condition for doing any act after notice should reach him normally.

#### 19- AGREEMENT:-

The successful tenderer will have to execute an agreement for completing the work according to these specifications on 100/- Rupee Stamp Paper. The said Stamp paper must be issued in his own / firms name by the authorized dealer/authority and original copy of validity (On a non-judicial stamp paper of Rs. 100/-) will be submitted at the time of agreement.

#### 20-GUARANTEE:-

The work under these specifications shall have to be guaranteed for satisfactory performance up to 12 months after the date of completion of work.

#### 21-GST:-

GST shall be paid to contractor as per existing rules and regulations as legally applicable, on production of valid GST registration certificate. Any amendment as per government policies on tax structure shall be applicable. Any amendment as per government policies on tax structure shall be applicable.

22- Apart from above all other Conditions of Form-'A' & 'B' of erstwhile UPSEB shall be applicable.

**EXECUTIVE ENGINEER** 

#### TENDER SPECIFICATION NO.T-17/EGD/Mzn/2022-2023

Name of the Work:-Annual Rate Contract for maintenance (Breakdown / Shutdown) of 33 KV Bhola-KankerkheraLineunder EGD, Muzaffarnagar. From: To, The Executive Engineer **Electricity Generation Division** U.P. Jal Vidyut Nigam Ltd. Muzaffarnagar.(U.P.) Dear Sir. With reference to your invitation of tender for the above, I/We hereby offer to U.P. Jal Vidyut Nigam Ltd. the items in the schedule of price rate to the satisfaction of the purchaser or in default there-of forfeit to pay to U.P. Jal Vidyut Nigam Ltd., the sum of money mentioned against the said conditions. The rates quoted are net and firm and in full satisfaction of all claims. I/We agree to abide by this tender for a period of six months from the date fixed for opening of the same. A sum of Rs...... as earnest money in favour of the " Executive Engineer, Electricity Generation Division, U.P. Jal Vidyut Nigam Ltd, Muzaffarnagar." is enclosed. I/We hereby undertake and agree to execute aforesaid tender as per the specification in accordance with the terms & conditions of tender document, if contract is awarded to me/ us. Dated: Your's Faithfully

Signature of Tenderer in full

(with seal)

Witness:

# AGREEMENT OF VALIDITY

# (On a non-judicial stamp paper of Rs.100/- only)

# **AGREEMENT**

Tender invited by	: -	The Executive Engineer, Electricity Generation Division,
		Muzaffarnagar
Tender for	: -	Annual Rate Contract for maintenance (Breakdown / Shutdown) of
		33 KV Bhola-KankerkheraLineunder EGD, Muzaffarnagar
Tender no. & date	: -	T-17/EGD/MZN/2022-23; due date
Name of tenderer	:-	
person whose tender response to the above of the tender; also to	may be e invitate the cor	
		Signature of Tenderer
		Full Address
		Seal
		Date