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| 2- | fufonk la0 | % | T-07@EGD/Mzn/2018-19. lykok ty fo|qr x`g dh e'khu la0 01 dk o`gn vuqj{k.k dk dk;ZA /kjksgj jkf’k #0 30000 ¼FDR/CDR ds #i esa½ fufonk “kqYd 1770 th0,l0Vh0 lfEefyr ¼fMekM Mªk¶V ds #i esa½ |
| 3- | fufonk la0 | % | T-08@EGD/Mzn/2018-19. Hkksyk ty fo|qr x`g dh e'khu ua-&6 ds okf"kZd vuqj{k.k rFkk Mªk¶V V~;wc ykbuj dk dk;ZZA /kjksgj jkf’k #0 11000 ¼FDR/CDR ds #i esa½ fufonk “kqYd 649 th0,l0Vh0 lfEefyr ¼fMekM Mªk¶V ds #i esa½ |
| 4- | fufonk la0 | % | T-09@EGD/Mzn/2018-19. fprkSM+k ty fo|qr x`g dh e'khu ua-&+2 dh ejEer ,oa VsfLVax o deh'kfuax vkfn ds iw.kZ dk;ZZA /kjksgj jkf’k #0 5200 ¼FDR/CDR ds #i esa½ fufonk “kqYd 354 th0,l0Vh0 lfEefyr ¼fMekM Mªk¶V ds #i esa½ |
| 5- | fufonk la0 | % | T-10@EGD/Mzn/2018-19. lykok ty fo|qr x`g ij e'khu dh VªS”k jSd tkyh ds lkeus ls flYV dks gVkus dk dk;ZA /kjksgj jkf’k #0 2000 ¼FDR/CDR ds #i esa½ fufonk “kqYd 236 th0,l0Vh0 lfEefyr ¼fMekM Mªk¶V ds #i esa½ |
| 6- | fufonk la0 | % | T-11@EGD/Mzn/2018-19. fujxktuh] fprkSM+k ,oa lykok fo|qr x`gksa dh Vªs'k jSd tkfy;ksa dh ejEer ds lkFk&lkFk lykok fo|qr x`g dh 02 ux Vªs'k jSd tkyh lsD”ku cnyus dk dk;Z rFkk bUVsd xssV o Vªs'k jSd tkfy;ksa ij CySd chV;wehul ls isfUVax vkfn ds dk;ZZA blds vfrfjDr Hkksyk fo|qr x`g ds e”khu la0 4 ds bUVsd xsV dk fuekZ.k ,oa vU; bUVsd xssV@ Vªs'k jSd tkfy;ksa ij CySd chV;wehul ls isfUVax vkfn ds iw.kZ dk;ZZA /kjksgj jkf’k #0 20000 ¼FDR/CDR ds #i esa½ fufonk “kqYd 1180 th0,l0Vh0 lfEefyr ¼fMekM Mªk¶V ds #i esa½ |
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**uksV%&** fufonk lEcfU/kr leLr tkudkjh] fooj.k@MkmuyksM@fufonk esa izfrHkkfxrk gsrq osclkbZV **www.etender.up.nic.in** ij ykXWbu djsA fdlh Hkh izdkj ds la’kks/ku@foLrkj dh lwpuk mfYy[kr osclkbZVij nh tk;sxhA lHkh tkudkjh m0iz0 ty fo|qr fuxe fy0 dh osclkbZV **www.upjvn.org** ij Hkh miyC/k jgsxhA FDR/CDR/DD ds #i esa okfNar /kjksgj jkf’k @ fufonk “kqYd rFkk xSj U;kf;d LVkEi isij ij nh tkus okyh tkudkjh ds nLrkostks dh ewy izfr bZ&fufonk Lohdkj djus dh vfUre frfFk dks 17%00 cts rd ¼dz-la- 8 ds vuqlkj½ tek djuk vfUkok;Z gS] vU;Fkk dh fLFkfr esa ,slh fufonk,s Lor% fujLr ekuh tk;sxhA bPNqd fufonkdkj] fufonk [kqyus dh frfFk ls iwo]Z fdlh Hkh dk;Z fnol esa vuqefr mijkUr] fo|qr x`g esa djk;s tkus okys lEHkkfor dk;ksZ dk fujh{k.k dj ldrs gSA fufonk ds izFke Hkkx dh foospuk ,oa vuqeksnu Ik’pkr~] fufonk dk f}rh; Hkkx [kksyus dh frfFk lwfpr dh tk;sxhA v|ksgLrk{kjh }kjk fcuk dkj.k crk;s fufonk dks fujLr djus dk vf/kdkj lqjf{kr gSA

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**ELECTRICITY GENERATION DIVISION, MUZAFFARNAGAR**



**E-TENDER SPECIFICATION NO. T-09/EGD/MZN/2018-2019**

**FOR**

**Repair Works of Machine No.2 at Chitaura Power House, under EGD, Muzaffarnagar.**

**Tender cost : Rs. 354/- GST Included**

EXECUTIVE ENGINEER

ELECTRICITY GENERATION DIVISION

U.P. JAL VIDYUT NIGAM LTD.

MUZAFFARNAGAR. (U.P.)

**INSTRUCTIONS TO TENDERERS**

**For E-Tender specification No T-09/EGD/2018-19**

1. **General:-** The bidders are requested to make themselves fully onversant 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 (Pre-requisites 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 pre-qualifying 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 this discretion, extends this deadline for submission of bids by amending the bid documents.

1. **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.
2. **Withdrawal and resubmission of E-bids:-**
3. At point of time, a bidder may withdraw their bid submitted online before the bid completion of bid submission period.
4. 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 as per the manual offline procedure.
5. The bidder can resubmit 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.
6. The bidder can submit their revised bids as many times as possible by up loading their bid documents within the schedule period for submission of e-bids.
7. No bid can be resubmitted subsequently after the period for submission of bids is over.
8. 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.
9. 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.
10. The bidders are required to submit the cost of tender documents as stated above through demand draft payable in the favour of “Executive Engineer Electricity Generation Division Muzaffarnagar” (U.P.). Payble at “Muzaffarnagar” by hand / post/courier, prior to the scheduled date & time of submission of bid, failing which bid shall not be considered/ opened.
11. All bids must be accompanied by a bid Earnest Money Deposit in the form of FDR/TDR ETC. of scheduled bank which shall be duly pledged in favor of Executive Engineer Electricity Generation Division Muzaffarnagar (U.P). The scanned copy of bid document fee (Tender Cost), Earnest money must be up loaded electronically along with all the bid documents. The original copy of bid document fee, Earnest money (i.e. as desired in form of DD & FDR/ CDR etc. respectively) along with other original copies of undertaking given on non-judicial stamp papers plus other required documents should be furnished to the office of the Executive Engineer Electricity Generation Division Muzaffarnagar (U.P) on or before submission date of bids with in prescribed time, failing which the bid shall not be considered/ opened, & is liable to be rejected.
12. 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.
13. The purchaser reserves the right to cancel any all the bids/annul the bidding process without assigning any reason thereof.
14. 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.
15. 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.
16. No deviation from the Technical specification & Technical Conditions shall be acceptable.
17. The price bid of only those firms shall be opened who shall fulfill specified pre qualifying conditions.
18. **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.
19. 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..
20. 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.
21. **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 CDR / FDR of a schedule bank drawn in favour of the Executive Engineer, Electricity Generation Division, UPJVNL, Muzaffar Nagar, 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 satisfactory.
22. **Subletting of Work Contract:-** The contractor will not be allowed to sublet the work contract under any circumstances. If dose 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.
23. **Award of Contract:-** The UPJVNL / Department shall not be bound to accept the lowest or any other tender, and Executive Engineer, Electricity Generation Division, Muzaffar Nagar, reserves the right 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.
24. **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 Tender Bid Part-I (Technical Bid)**

**Pre-Qualifying Terms and Conditions**

Tender bid Part-I of tender should be submitted in a cover-Ist against specified tender No “T-09 /EGD/ Mzn/2018-19” containing the copies of following scanned documents duly signed & stamped by bidders.

1. Earnest money (Rs. 5,200/-) in shape of FDR/CDR duly pledged in favour of Executive Engineer EGD Muzaffarnagar & DD against tender fee amounting to Rs. 354/-. including GST.
2. An agreement on non judicial stamp paper of Rs.100/- regarding validity of offer on prescribed Performa with the signature of two witnesses.
3. Latest Copy of Income Tax clearance certificate /copy of return filed for last 03 financial year with the copy of PAN issued from Income Tax department.
4. Latest financial year turnover of the firm. Average annual financial turnover during the last 3 years should be at least Rs. 10,00,000.00.
5. Similar nature of work executed in Government department which shall be:

Experience of having successfully completed similar nature of work during last 7 year ending March -2018, should be either of the following:-

1. Three similar nature of work costing not less than the amount equal to Rs. 1,04,000.00. OR
2. Two similar nature of work costing not less than Rs. 1,30,000.00.

OR

1. One similar nature of work costing not less than Rs. 2,08,000.00.
2. 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.
3. Copy of computerized Good and Service Tax registration. Copy of 15 digit PAN based computerized service tax registration certificate along with last deposit slip/ last half yearly return of financial year.
4. Proof regarding group insurance.
5. Copy of EPF code no. alongwith deposit slip/ Return file of EPF of labours for the last one year ending the previous month of due date of opening of tender.
6. Copy of character certificate issued by SP/DM, Muzaffarnagar/ Meerut / Distt. of Corporate Office or Works of firm.
7. Latest No dues certificate regarding house rent and electricity charge from concerned civil division of Hydro Power Station, if the house is allotted to tenderer or undertaking of no dues in this regard.

**Note:-**

1. 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.
2. 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.
3. 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)**

1. 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.
2. Rate should be quoted in figure & words exclusive of goods & service tax in prescribed .xls Sheet (i.e B.O.Q sheet1 for works & sheet2 for scrap). 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.
3. 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.
4. All the terms and condition of Form ‘A’ and ‘B’ of erstwhile UPSEB will also be applicable.
5. Conditional offer will not be accepted in any case and will be rejected immediately.
6. 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.
7. **Validity of Offer:-** The tender submitted by the bidders must valid for a period of at least 6months from the date of opening of tender.
8. 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-09/EGD/MZN/2018-19 Repair Works of Machine No.2 at Chitaura Power House, under EGD, Muzaffarnagar.

SCOPE OF WORK:-

**Scope of Work:-**

The scope of work against this tender comprises the following repair works for of machine no.-2 (1500KW) at Chitaura Power House:-

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Particulars** | **Qty.** |
| 1. | Rebabitting of TGB including its dismantling and fitting works. | 1 Job |
| 2. | Rebabitting of LGB including its dismantling and fitting works. | 1 Job |
| 3. | Repair / overhauling governing system, clean water system & brake system. | 1 Job |
| 4. | Complete cleaning of stator, rotor, excitor, PMG and sliprings. | 1 Job |
| 5. | Overhauling of stuffing box including & replacement of carbon glands. (carbon Glands to be provided by Department) | 1 Job |
| 6. | Testing & Commissioning | 1 Job |

**DETALED SCOPE OF WORK FOR MACHINE NO.-2**

**1. & 2. Rebabitting of TGB & LGB including its dismantling and fitting works. :-**

The details of above rebabitting process are as under:

* 1. The old white metal of Bearings shall be removed and complete surface thoroughly cleaned to remove any trace of the old material.
  2. The complete surface required to be rebabitted shall be tinned as per standard practice with best quality material.
  3. The tinned surface will be rebabitted with anti-friction bearing alloys of grade-84, IS-25 of 1966.
  4. The chemical composition of anti-friction alloy grade-84 shall be as follows.

|  |  |
| --- | --- |
| Allowed element percentage | Impurities allowed percentage |
| Sn - 84 | Fe - 0.08 |
| Cu - 5 to 6 | As - 0.10 |
| Sb - 9 to 11 | Bi - 0.05 |
| Pb - 0.30 (max.) | Cd - 0.10 |
|  | Zn - 0.008 |
|  | Al - 0.10 |

The total impurities shall not exceed 0.2%

* 1. Rebabitting of Bearing shall be done with the white metal having composition as mentioned above. The rebabitted surface shall thereafter be machined roughly and ultrasonic test shall be carried out. Fine machining shall be got done when satisfactory the test results are observed.

**Dismantling & Fitting of Bearings:**

(i) Removal of old & damaged bearing from machine after draining of oil. The oil shall be collected in empty drums

(ii) Rebabitting of bearing with white metal as per scope of work.

1. After successful re-babitting of bearing refitting of the same at existing place, so as to achieve proper clearances. All the work like tapping of holes for fastening of studs etc., if required, shall be done by the contractor at his own cost.
2. Re-filling of the oil in bearings up to the mark.
3. Testing & commissioning of the same during operation of machine & rectification of abnormality, if any.

**Special Condition:**

1. All the material, labour & T&P required to complete the above work shall be arranged by the contractor at his own cost.
2. During pouring of metal to be kept at same level. The molten metal is to be continuously stirred during pouring in the mould in order to avoid blow holes.
3. The fined finish shall be up to an accuracy of ± 0.01mm and finish internal diameter suitable for required diameter shaft with desired clearance, holes & groves as per requirement.
4. All necessary testing shall be arranged and got done by contractor. The Dye penetration and ultrasonic test shall be checked & bonding should not be less than 90%.
5. The white metal used for the above rebabitting work shall be got tested for desired chemical composition.
6. The test reports for chemical composition of white metal and ultrasonic test / Dye Penetration test shall be submitted at the time of handing over the bearing to the department.
7. Packing & forwarded charges, To & Fro charges of bearing including loading/unloading and transit risks shall be borne by contractor.
8. All expenditure in tests shall be borne by the contractor.
9. Transaction / delivery of duly rebabitting bearing will made at F.O.R. Chitaura Power Station.
10. Necessary fixture and mould shall be fabricated for rebabitting of Bearing at his own cost.
11. The old scrap shall be retained by the contractor.
12. Any work required to be done for proper completion of work shall be done by the contractor free of cost.

**3. REPAIR/OVERHAULING OF GOVERING SYSTEM, CLEAN WATER SYSTEM & BRAKE SYSTEM:-**

(i) Cleaning of Oil sump and pressure receiver. Repair of Governor Oil Pump. Repair of Non Return Valve and safety valve etc. Cleaning of sump oil filter. Repair and overhauling of Governor Air Valve.

(ii) The Pilot valve has to be dismantled and defective parts shall have to be replaced by new one so that there is no oil leakage from the valve and its movements are smooth.

1. Repair and overhauling of the Oil Header assembly properly with replacement of oil seals, gaskets, damaged bushes and other worn out parts for proper completion of work.
2. Overhauling of cooling water system shall be done. Repair and overhauling of pipe line and valve replacement of broken pipes, elbows, unions, sockets, nipples etc. shall be done.
3. Overhauling of Brake system shall be done. Damaged pipe line, elbows, unions, sockets, cup seal, nipples etc. shall be replaced. Damaged brake pads shall be replaced by new one (to be provided by the Contractor). Brake track/liner shall be cleaned & polished.
4. All material shall be arranged by the contractor on his own cost.
5. Any work which is required for proper completion of work shall be done by the contractor free of cost.

**4. Complete cleaning of stator, rotor, excitor, PMG and sliprings:-**

1. Cleaning of various components shall be done thoroughly with CRC -2-26 / white sprit cleaning agent to remove whole the traces of oil, greases, carbon, dust etc. stator core assembly stator coils, generator rotor coils assembly, exciter, PMG, sliprings etc.
2. Dry compressed air shall be used for cleaning of air duct of the core assembly.
3. Cleaning of coils shall be done carefully so that coil insulation may not damage. If any, damage of insulation of the coils and connections is found the same shall be repaired.
4. Any other work, T&P and material not covered but necessary for proper completion of work. Completely shall be arranged by contractor at his own cost.

**5. OVERHAULING OF STUFFING BOX INCLUDING & REPLACEMENT OF CARBON GLANDS :-**

1. Dismantling of Stuffing box along with old and damaged carbon glands and all its associated pipe lines.
2. Cleaning of all the liner plates so as to have perfect bedding.
3. Cleaning of all the pipe lines so as to remove choking, if any.
4. Assembly of stuffing box after lapping of carbon.( carbon glands to be provided by the department.)
5. Reinstallation of all the pipe lines.
6. Any other work required to be done for proper completion of work shall be done by the contractor free of cost. Carbon glands shall be provided by the department.

**GENERAL:**

* 1. Any other work not covered above but necessary for Erection and Boxing up of machine completely shall also be done by the contractor at his own cost.
  2. The seals of synthetic rubber and gaskets shall be arranged by the contractor at his own cost for replacement in the various equipment of the machine.

1. **TESTING AND COMMISSIONING:**

After complete repair and assembly, various system shall be tested & checked for any leakage/malfunction

* 1. Braking system
  2. Cooling water system
  3. Governing system
  4. Oil Pipe line and lubrication system
  5. Synchronization system

 All other checks and tests required before spinning the machine shall have to be carried out by the contractor as per standard practice at his own cost.

 Taking out of upstream intake gates of the machine.

 Machine is to be spin after all electrical checks and shall be dry out properly & thereafter machine will be synchronized with grid and taken on load gradually as per available canal water discharge. Contractor will monitor the performance of machine till 24hrs. after synchronization and shall rectify abnormality, if any.

**Executive Engineer**

BILL OF QUANTITY SPECIMEN

**Repair Works of Machine No.2 at Chitaura Power House, under EGD, Muzaffarnagar**

AGAINST TENDER NO. T- 09 /EGD/MZN/2018-19

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Particulars** | **Qty.** | **Rate**  **(Rs.)** | **Amount**  **(Rs.)** |
| 1. | Rebabitting of TGB including its dismantling and fitting works. | 1 Job |  |  |
| 2. | Rebabitting of LGB including its dismantling and fitting works. | 1 Job |  |  |
| 3. | Repair / overhauling governing system, clean water system & brake system. | 1 Job |  |  |
| 4. | Complete cleaning of stator, rotor, excitor, PMG and sliprings. | 1 Job |  |  |
| 5. | Overhauling of stuffing box including & replacement of carbon glands. (carbon glands to be provided by the department) | 1 Job |  |  |
| 6. | Testing & Commissioning | 1 Job |  |  |
| **Total** | | | |  |

**(Rs……………………………………………………………………………………………………………)**

**BILL OF QUANTITY SPECIMEN FOR SCRAP**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Item** | **Rate** | **Amount** |
| **(Rs.)** | **(Rs.)** |
| 1 | Scrap of TGB (Approx. 15 Kg. White Metal) |  |  |
| 2 | Scrap of LGB (Approx. 10 Kg. White Metal) |  |  |

**Note:**

1. *The firm shall submit separate rate for work & buy back of Scrap.*
2. *The lowest rate of the respective job will be considered after deduction of scrap, if any from the rate of services.*

**Executive Engineer**

**EGD,Muzaffarnagar**

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.

1. 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 **45 days** 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- PAYMENT:-*

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.).

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*16- OTHER TERMS:-*

1. 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.
2. The contractor shall remain liable to remove the defects that may develop in the work arising solely from the faulty workmanship.
3. 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.
4. No claim shall be accepted against point no.-16-C above.
5. 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.
6. 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.

1. If all scrap material are to be retained by the contractor in accordance to norms of GST, as per the rates of scrap provided by the bidder. In this regard contractor shall submit separate rates of services & as well as rates of buy-back of scrap in separate BOQ sheets (BOQ1 & BOQ2) provided.
2. 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 Executive Engineer, EGD, UPJVNL, Muzaffarnagar. In this regard his decision will be final and binding on the part of the contractor.
3. 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.

*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 extra 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 polices 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-09/EGD/MZN/2018-2019**

**Name of the Work :- Repair Works of Machine No.1 at Chitaura Power House, under 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…………………….. in the form of……………………………. 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

Witness : Signature of Tenderer in full

**(with seal)**

**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 :- Repair Works of Machine No.1 at Chitaura Power House, under EGD, Muzaffarnagar

Tender no. & date :- T-09/EGD/MZN/2018-19 ; due date…………………….

Name of tenderer :- ……………………………………………………………………

In consideration of the Uttar Pradesh Jal Vidyut Nigam Ltd.treated the tender to be an eligible person whose tender may be considered the tenderer hereby agrees to the condition that the proposal in response to the above invitation shall not be withdrawn within six (6) month from the date of opening of the tender; also to the condition that if thereafter the tenderer does withdraw his proposal within in the said period, the Earnest money deposited by him may be forfeited to the UPJVNL in the discretion of the later.

WITNESS

1- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Tenderer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Full Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_