

**URANIUM CORPORATION OF INDIA LIMITED  
(A GOVT. OF INDIA ENTERPRISE)  
AN ISO 9002 COMPANY  
JADUGUDA MINES  
EAST SINGHBHUM  
JHARKHAND – 832102**

## **TENDER DOCUMENT**

**N.I.T. NO: MINES/ELECT/SINP/JUSL/1/2019**

**Supply, installation and commissioning of Networking of  
computers and other jobs for Jaduguda Underground  
Science Laboratory**

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SECTION – I  
**NOTICE INVITING TENDER**

URANIUM CORPORATION OF INDIA LTD.  
( A Govt. of India Enterprise)  
P.O. : Jaduguda Mines, Dist: East Singhbhum, Jharkhand-832102  
Phone No : 0657-2730122/ 2730222  
Fax No. : 0657-2730322

N.I.T. NO: MINES/ELECT/SINP/JUSL/1/2019

Date:03/01/2019

Sealed tenders in prescribed format are invited in two parts i.e. Part-I: Techno-Commercial Part and Part-II: Price Part (Schedule of quantity in triplicate, one original plus two photo copies of the same) from contractors having following pre-qualification criteria:

- 1) Bidder should have job experience in networking of computers which may include wireless LAN/OFC LAN/radio survey during last seven years to any industry /organization.
- 2) The bidder should have successfully completed the similar jobs which are defined at Sl. No.1 for not less than Rs.1027120/- in single contract or not less than Rs.641950/- each in two contracts or not less than Rs.513560/- each in three contracts during last 7 years ending on last day of the month previous to the one in which applications are invited..
- 3) The annual average turnover of the bidder should not be less than Rs.385170 /- in last 3 financial years i.e 2015-16, 2016-17 and 2017-18 for which audited balance sheet and profit-loss statement is to be submitted.

Name of work	Supply ,installation and commissioning of: Networking of computers and other job for Jaduguda Underground Science Laboratory
Estimated Value of work	Rs.12,84,100/-
Period of contract	3 months
Cost of tender document	500/-
EMD to be deposited with tender	15000/- in the form of DD or bankers cheque
Last Date for submission of tender document (Both parts)	31/01/2019 up to 3.00 p.m.
Date and time of opening of tender Part-I	31/01/2019 at 3.30 p.m.
Date of opening of Part-II	Shall be intimated to only those bidders who qualify in Part-I, later on.

This N.I.T and Tender document shall be downloaded from UCIL E-PROC site <http://www.tenderwizard.com/UCIL E-PROC> on or before due date fixed for receiving the bid. Tenders complete in all respect should be submitted at UCIL E-PROC site. Physical submission of tender shall not be accepted. The cost of tender document shall be paid through downloaded SBI challan from UCIL website [www.uraniumcorp.in](http://www.uraniumcorp.in).

Tenderers registered with NSIC, SSI and MSME for the tendered work shall be exempted from submission of cost of tender document and EMD subject to submission of authenticated valid document at UCIL E-PROC site.

Copy of the cost of tender document (UCIL copy), and EMD shall be uploaded on UCIL E-PROC site. All other documents pertaining to prequalification criteria: work order copy, balance sheet, Profit & loss statement ,completion certificate.etc and PAN,GSTIN etc.shall have to be uploaded on UCIL E-PROC site <http://www.tenderwizard.com/UCIL E-PROC>.

The hard copies of cost of tender document paid through downloaded SBI challan (UCIL copy) and EMD should be sent to the office of DGM (I/P -IRs) Jaduguda so as to reach at 3.00 pm on 31/01/2019, superscribing on the envelop, NIT No. and name of the work. Tender will be opened on mentioned date at 3.30 p.m at Jaduguda by the representative(s) of the corporation in presence of tenderers who may like to be present.

Conditional tender may disqualify so tenderers are advised to quote price as per NIT conditions only.

The successful tenderer should comply with provision of contract Labour (Regulation & Abolition) Act. 1970 and rule appended there under if applicable to him. The Corporation reserves the right to accept or reject or cancel any or all tender either in full or part thereof or to split-up the work, if necessary without assigning any reasons whatsoever.

For  
Uranium Corporation of India Limited.  
Jaduguda

**Distribution :** D.G.M.( Mines)/ D.G.M.( Pers.)-IRs / Company Secretary / Manager(pers.-Jaduguda) / Mine Manager (Bagjata) / T.O.(Bagjata)/ T.O.(Mines) / T.O.(Mill) / New A .D .Building / Old A.D. Building / Site Office(Mill ) / Estate Office (Jad) / T.O. ( Bhatin) / T.O. ( Narwapahar) /T.O Turamdih/ T.O. (Mohuldih)

**(Techno Commercial)**

URANIUM CORPORATION OF INDIA LTD.

( A Govt. of India Enterprise)

JADUGUDA MINES

P.O. – JADUGUDA MINES

DIST. – SINGHBHUM EAST

JHARKHAND – 832102

N.I.T. NO: MINES/ELECT/SINP/JUSL/1/2018

ITEM RATE TENDER FOR

**Networking of computers and other job for Jaduguda Underground Science Laboratory**

1. To be deposited in the tender box at the office of DGM (I/P- IRs.) Jaduguda by 15.00 hours on 31/01/2019.
2. Tender will be opened in the presence of Tenderers who may like to be present at 15.30 hours on 31/01/2019.

SECTION – II

**DETAILED NOTICE INVITING TENDER**

URANIUM CORPORATION OF INDIA LTD.

( A Govt. of India Enterprise)

P.O. – JADUGUDA MINES

DIST. – SINGHBHUM EAST

JHARKHAND – 832102

**DETAILED NOTICE INVITING TENDER**

1. Sealed item rate contract tenders are invited on behalf of the Chairman & Managing Director, Uranium Corporation of India Limited, Jaduguda for supply, installation and commissioning of networking of computers which may include wireless LAN/ OFC LAN/radio survey for dedicated connectivity between computers and other job as mentioned in the **scope of work** and schedule of quantities in the price part format for Jaduguda underground science laboratory
2. The tender shall be in prescribed Form and it shall be valid for a minimum of six months from the date of opening of tender. Should the tenderer modify or withdraw his tender within the said period of six months from the date of opening the tender, Earnest Money deposited by the tenderer shall be forfeited.
3. The works are required to be carried out as given in the Special conditions of Contract from the seventh day after the date on which the Engineer-in-charge issues written orders to commence the work or from the date of handing over of the site, whichever is later, in accordance with the phasing, if any indicated by the Corporation in the tender documents.
4. Chairman and Managing Director shall be the Accepting Officer herein after referred to as such for the purpose of this contract.
5. Tender shall be submitted to DGM (I/-IRs), Jaduguda so as to reach his office not later than up to 3.00 pm. On 31/01/2019
6. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of considerations and rates at which stores, tools and plants, etc. will be issued to him by the corporation and local conditions and other factors bearing on the execution of the work.
7. A tenderer should quote in figures as well as in words rate (rates) tenderer. The amount for each item should be worked out and the requisite totals given. Special care shall be taken to write rates in figures as well as words, and the amounts in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words.

In case of words 'Paisa' after the decimal figures, e.g. Rs.2.15p and in case of work the words 'Rupees' should precede and the words 'Paisa' should be written at the end unless the rate is in whole rupees and followed by words 'only' it should invariably be up to place of decimal.

8. All rates shall be quoted on the tender form in triplicate.
9. In the case of item rate tender, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected.
10. The tender for the works shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered for the same works. Failure to observe this condition shall render the tender of the contractor tendering as well as of those witnessing the tender liable to rejection.
11. Tenders shall be received by DGM (I/-IRs) up to 3.00 PM on 31/01/2019 and shall be opened at 3.30 PM on same date in the presence of tenderers who may be present.
12. The Uranium Corporation of India Limited , Jaduguda is connected by both rail and road links and situated on the Howrah – Mumbai line of S.E. Railway at a distance of 232KM, from Howrah and 27 KM from Tatanagar. The name of the railway station is Rakha Mines. Jaduguda is at a distance of about 35 KM from Tata by road on Tata – Musaboni road, the main plant is located at about 5 KM from Rakha Mines Railway station.
13. Uranium Corporation of India Limited, Jaduguda will return the Earnest Money without any interest to unsuccessful tenderer A tenderer shall submit the tender which satisfied each and every condition laid down in this notice, failing which, the tender will be liable to be rejected.
14. The corporation does not bind themselves to accept the lowest or to give any reasons for their decision.
15. The corporation reserve to themselves the right of accepting the whole nor any part of the tender and tenderer shall be bound to perform the same at quoted rates.
16. Sales tax or any other tax on materials in respect of this contract shall be payable by the contractor and the corporation will not entertain any claim whatsoever in this respect.

This notice of tender shall form part of the contract documents.

For Chairman & Managing Director  
Uranium Corporation Of India Limited.



SECTION – III

**FORMS OF TENDER**

**FORM OF TENDER**

To  
The Chairman and Managing Director,  
M/s. Uranium Corporation of India Limited,  
P.O. Jaduguda Mines,  
Dist. Singhbhum (East),  
Jharkhand – 832102

Dear Sir,

I/We, the undersigned hereby submit, the tender document for the work as above and hereby undertake to execute the complete works as set forth in the Scope of the Work, Technical Specifications, Special Conditions of contract, General Conditions of Contract or in default thereof to forfeit any, pay to Uranium Corporation of India Limited, the sum of money mentioned in the relevant Tender Documents.

I/We agreed to abide by this tender for the period of \_\_\_\_\_ months from the date fixed for the opening of the same and in default agree that the amount of Earnest Money along with this Tender may be forfeited.

I/We undertake to complete the whole works covered under this tender within a period of \_\_\_\_\_ months from the date of Letter of Acceptance.

I/We have deposited the earnest money a sum of Rs. \_\_\_\_\_ in shape of \_\_\_\_\_ which amount is not to bear any interest and I/We do hereby agree that this sum shall be forfeited by Uranium Corporation of India Limited in the event of accepting my/our tender I/We fail to execute the Contract when called upon to do so.

If this tender is accepted, I/we shall deposit the sum to constitute the Security Deposit required by the relevant terms of the contract.

I/We also undertake, as required to enter into a Contract with Uranium Corporation of India Limited by executing an Agreement in the prescribed Contract Agreement Form enclosed along with this Tender Document and till such time the Agreement be not executed, we shall be bound by the terms and conditions of the Tender Document and subsequent letter, minutes of discussions and letter of acceptance.

(Signature of Tenderer with seal)

Name :

Address of the Firm :

Dated :

SECTION – IV  
**ARTICLES OF AGREEMENT**

**ARTICLES OF AGREEMENT**

Articles of Agreement made and entered into this \_\_\_\_\_ day  
of \_\_\_\_\_  
\_\_\_\_\_ 2017 between

\_\_\_\_\_ (hereinafter referred to as the Corporation which expression shall include its successors and assigns) of the one part and Messrs.

\_\_\_\_\_ (hereinafter referred to as Contractor which expression shall include its successors and assigns of the other part whereas the Corporation is desirous that certain works should be constructed viz.

\_\_\_\_\_ and has accepted a tender by the Contractor for the construction completion and maintenance of such works NOW THIS AGREEMENT WITNESSETH as follows :

1. In this agreement works and expression shall have the same meanings as are respectively assigned to them in the General Conditions and Special Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and constructed as part of this agreement, viz:
  - a. Tender Notice No. \_\_\_\_\_ dated \_\_\_\_\_.
  - b. The Tender
  - c. The General Conditions of Contract.
  - d. The Specifications.
  - e. The Special Conditions.
  - f. The Schedule of Quantities.
  - g. General Information and Guidance for Tenderers.
  - h. Any other document specifically mentioned herein as forming a npart of the Agreement.
3. In consideration of the Payments to be made by the Corporation to the contractor as hereinafter mentioned, the contractor hereby covenants with the corporation to construct, complete and maintain the works is conformity in all respects with the provisions of the contract.

4. The Corporation hereby covenants to pay to the contractor in consideration of the construction completion and maintenance of the works the contract price at the times and in the manner, prescribed by the Contract.
5. The several parts of this contract have been read to us and fully understood by us.

AS WITNESS OUR hand this \_\_\_\_\_ day of  
\_\_\_\_\_ 201\_\_\_\_\_ signed by the said.

\_\_\_\_\_

**Uranium Corporation Of India Limited**

\_\_\_\_\_

\_\_\_\_\_

In the presence of

\_\_\_\_\_

Signed by the said

Contractor

\_\_\_\_\_

In the presence of

SECTION –V

**GENERAL INFORMATION AND GUIDANCE FOR CONTRACTOR**

## GENERAL INFORMATION AND GUIDANCE FOR CONTRACTOR

### 1. Rates :

The tenderers are required to quote the rates against all items of the schedule of quantities in words and figures clearly in duplicate (2<sup>nd</sup> & 3<sup>rd</sup> copies shall necessarily be Xerox/carbon copy of the original) failure in this respect is liable to render the tender incomplete.

2. If any clarifications regarding specifications, conditions of contract etc. or schedule of quantities is required, the same can be obtained by the Tenderer from the Uranium Corporation Of India Limited.

3. In the event of the tender being submitted by a firm (Partnership) it must be signed separately by each member thereof, or in the event of the absence of any partner it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the India Partnership Act.

4. Receipts for payments on account of a work when executed by a firm (Partnership) must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipts must be signed in the name of the firm by one of the partners, or by some other persons having authority to give effectual receipts for the firm.

5. Any person who submits a tender shall fill up the usual prescribed form stating at what rate he is willing to undertake each item of the work. The quantities shown therein are approximate only, being given as an indication of the scope of the work to enable the Tenderer to tender for the different portions of the work in accordance with his estimate of their cost, so that in the event of any increase or decrease in the quantity of any item of the work the actual quantities executed may be paid for at the rate stated for the particular item of work subject only to any adjustments that may be provided for in the General Conditions. It is to be clearly understood that no work will be paid for under more than one item or than once under any item.

6. The tenderer is required to deposit as Earnest Money Rs. **15000/-** (Rs.fifteen thousand only) in any of the following forms and attach the official receipt thereof failing which the tenderer shall not be considered. No interest shall be allowed on the earnest money deposited.

(a) DD/Bankers Cheque in favour of the Uranium Corporation of India Limited Payable at State Bank of India, Jaduguda. The earnest money will be refunded to the unsuccessful tenderers within a reasonable time without any interest.

### 7. Security Deposit :

The amount of Security Deposit including the amount of EMD money shall be 10% of the value of the order. Upon acceptance of the tender, the successful tenderer, shall within ten days of the written acceptance of his tender, deposit with the Corporation an amount to make the security Deposit 5% (five percent) of the value of the work order. Such sum shall be deposited by the contractor in any forms stipulated in clause-7 above.

In addition to the above, further amounts to extent of 5% of the cost of the work will be deducted from the running bills.

8. If after the tender has been accepted, the tenderer fails to pay the security deposit as Specified above, after written notice to him of such acceptance, the sum deposited by him as Earnest Money may be forfeited. The tenderer shall not be allowed to increase, amend or withdraw his tender within six months (the validity period of the offer) from the date of opening of the tender and if he does so the Earnest Money may be forfeited.

The officer inviting tenders shall have the right to reject all or any of the tenders, and will not be bound to accept the lowest.

9. The memorandum, the form of tender and the schedule of materials to be supplied by the corporation and their issue rates should be filled and completed in the office of the Corporation before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in, and complete ha shall request corporation to have this done before he complete and delivers his tender.
10. The tenderer shall furnish satisfactory evidence that he has a true appreciation of the scope of the work, the ability and experience to perform the various clauses of work involved, and that he has sufficient capital and plant to enable him to prosecute to same successfully and to complete it in the time named in the contract. In compliance with this, the tenderer shall along with tender furnish a list of major works executed by him during three previous years, the Bank with which he has dealings, the Bankers certificate a copy of the profit and loss account and balance sheet for the year proceeding the year in which the tender shall be submitted and income tax and sales tax clearance certificate, for the latest year.
11. Each of the tender document is required to be signed by the person or persons submitting the tender in his/their hand writing in token of his/their having acquainted himself/themselves with the General Conditions of Contract, General Specification, Special Conditions etc. as laid down. Any tender with any of the documents not so signed will be liable to rejection.
12. The tender form must be filled in English and all entries must be made by handwritten in ink. All the rate must be filled both in words and figures. If any of the documents is missing or unsigned, the tender will be considered invalid. All erasures and alterations made while filling the tender must be attested by dated initials of the tenderer. Over writing of figures is not permitted to comply with any of these conditions after the opening of the tender will be entertained.
13. Item rates should be submitted in triplicate, for this purpose no extra copies of schedule of quantities are enclosed.
14. All pages of the tenderers offer, drawing and other accompanying documents shall be signed with company seal at the lower right corner in ink only and signed where required by the tenderer or any person holding power of attorney authorizing his sign on behalf of tenderer before submission of tenderer. All signature shall be dated as token of



acceptance of the tenderer document.

15. Commencement of work :-

Work will commence within 15days from the date of issue of LOI/work order.

16. Completion period of contract: - As mentioned in special conditions of contract.

17 Payment :-

Bill (s) will be paid as mentioned in clause “Payment Terms” of the special conditions of contract, scope of work etc. of contract document. Payment will be released after satisfactory completion of the work in all respect and certification by the Engineer Incharge, UCIL within 30 days of submission of clear bill(s) in 3 (three) copies in tenderer’s letter head. Contractor shall also mention work order no., date as well as name of work and actual date of commencement of work in their every bill (s).

18 Validity:

The offer should remain valid for a minimum period of 06 (six) months from the date of opening of the final price part. The Tenderers shall not be allowed to increase, amend or withdraw his tender within this period and if he does so the earnest money deposit and security deposit may be forfeited.

17. .Contract Agreement :-

Contract Agreement should be executed in prescribed format on a non-judicial stamped paper within 2 (two) weeks from the date of issue of work order / L.O.I. However, no payment will be made without execution of contract agreement.

18. Taxes & Duties :- Inclusive of all taxes and duties but excluding GST.

19. Price Escalation :-

No escalation on any account shall be payable and price quoted shall be firm till completion of the work under this contract.

20. Validity :-

The offer should remain valid for a minimum period of 06 (six) months from the date of opening of the final price part. The Tenderers shall not be allowed to increase, amend or withdraw his tender within this period and if he does so the earnest money deposit and security deposit may be forfeited.

21. Contract Agreement :-

Contract Agreement should be executed in prescribed format on a non-judicial stamped paper within 2 (two) week from the date of issue of work order / L.O.I. However, no payment will be made without execution of contract agreement.

22. The eligibility be decided strictly based on documents submitted at the time of receipt of tenders. No additional documents be allowed to be submitted after receipt of tenders but there is no bar to seek clarification or authentication of submitted documents. However in case of poor response, with a view to increase the competition, admission of additional documents to meet the PQ-Criteria may be allowed subject to the condition that

a] "Poor response" implies when less than three bids are found suitable on the basis of submitted eligible documents as per NIT.

b] The additional documents should not be issued subsequent to last date of receipt of tender as mentioned in the NIT.

c] The bidder submitting additional documents has submitted EMD and tender cost as prescribed in NIT.

## **SPECIAL CONDITIONS OF CONTRACT**

1. **Period of the contract** :

The period of contract shall be 3 months from the date of issue of LOI/ Work Order whichever is earlier.

(i) **Rate :**

Rate will be firm during the period of contract and no escalation in rate shall be permissible during contract period.

Rate quoted by bidders should be inclusive of all taxes and duties but exclusive of GST.

(ii) **L1 party decision:** L1 party shall be decided as per grand total amount quoted by party.

(iii) **Payment Term:** Within 30 days of receipt of bill after completion and commissioning of the work.

(iv) **GST:** Quoted rates should be exclusive of GST.

2. **Guarantee period & Defect liability period** :

The work shall be guaranteed for a period of 12 months from the date of completion of the work. In case of failure of the supply materials and services within guarantee period the Contractor will have to do it at free of cost.

The defect liability period for the contract will be 12 months from the date of completion of the total contract. Decision of Engineer In Charge will be final & binding to the Contractor.

The special conditions given in this section shall supersede the conditions given elsewhere in the tender document.

SECTION –VI

**TECHNICAL SPECIFICATION**

## **TECHNICAL SPECIFICATION OF WORK**

### **SCOPE OF WORK:**

#### **Supply, Installation and Commissioning:**

Establishment of LAN connectivity through OFC (Mine to UCIL surface room), RF based point to point wireless link (LAN) between UCIL surface room and HPU and radio survey including fire alarm system with remote LAN based monitoring, , IP based CCTV cameras, data logger for health status monitoring of UPS, ID fan, air conditioners etc. surge protection device for power and communication network.

Any other work in relation to the tendered work which is not covered but if required to complete the work as a whole shall be in the scope of the bidder.

# **PRICE PART**

**Schedule of quantities**

S.No	Item Description	Quantity	Price in Rupees	
			In Figures	In words
1	Establishment of LAN Connectivity through OFC between underground equipment and surface OFC requirement: Approx.800 mtrs 24 port Managed Switch may be considered including all the supplies and commissioning.	Lot		
2	Establishment of RF based point to point wireless Link (LAN) between Surface Control room to HPU Control Room. Approx arial distance is 1.5 KM including radio survey, all the supplies and commissioning	Lot		
3	Supply, installation and commissioning of fire Alarm System Consisting of Minimum 4 Nos. Smoke Detectors	Lot		
4	Supply, installation and commissioning of 4 Nos. of IP based CCTV Cameras with necessary software for recording	Lot		
5	Supply and commissioning of Data Logger with SCADA .I/P: 8 Analog and 8 Digital Data logger shall be used for logging of health status of UPS, ID Fan, A.C. etc.	Lot		
6	Supply and commissioning of surge Protection Device for Power and Communication networks	Lot		
7	Supply and commissioning of Firewall Hardware	one		

**Note:-**

- (1) OFC: Armoured unitube has been considered.
- (2) Wireless Link: Radio Survey and Security has been considered.
- (3) Fire Alarm System: Honeywell/Siemens Make has been considered.
- (4) Data Logger: E & H, Siemens, ABB make is considered.
- (5) Surge Protection Device: DEHN Make.