

**URANIUM CORPORATION OF INDIA LIMITED**

(A Govt. of India Enterprise)

Tummalapalle

P.O.M.C.PALLE, VEMULA MANDAL,

Y.S.R. DISTRICT.A.P.-516349 Ph.No.08588-282701/04, Fax:282704/707

E-mail: [uranium\\_tmpl@yahoo.co.in](mailto:uranium_tmpl@yahoo.co.in)

URANIUM ORE PROCESSING PROJECT  
AT  
TUMMALAPALLE, ANDHRA PRADESH

TENDER DOCUMENT

FOR

**NIT NO. TMPL / SKS / AMC / AIR CONDITIONERS -01.**

**NAME OF THE WORK :** AMC for Air Conditioners, Water Coolers  
/ Air Driers, Chillers etc. in UCIL,  
Tummalapalle.

**MAY 2014**

**URANIUM CORPORATION OF INDIA LIMITED**  
(A Govt. of India Enterprise)  
**TUMMALAPALLE**

**PO:Mabbuchintalapalle, Mandal: Vemula,  
Dist: Y.S.R – 516349 A.P.**

**Hyd. Office:** Plot No.37, Road No.3, Sunrise Homes,  
Upparpally, P.O.Hyderguda,  
Ranga Reddy District, HYDERABAD - 500 048.

**Head Office:** P.O.Jaduguda Mines, Dist. Singhbhum (East)  
JHARKHAND – 832 102.

**NOTICE INVITING TENDER NO. NIT NO. TMPL / SKS / AMC / AIR CONDITIONERS -01.**

T E N D E R

F O R

**AMC for Air Conditioners, Water Coolers / Air Driers, Chillers etc. in UCIL,  
Tummalapalle.**

1. Tenders to be deposited in the/at the office of .Manager [ Administration ), Uranium Corporation of India Ltd., Tummalapalle , A.P.-516349 on 16.06.2014 up to 2.30 PM
2. Tenders shall be opened in presence of Tenderers who may like to present at 3.30 PM on 17.06.2014 ( Tuesday ) at office of . Manager [ Administration ), Uranium Corporation of India Ltd., Tummalapalle, A.P.-516349.

Issued to : \_\_\_\_\_  
( Name of the Contractor / Tenderer )

Signature of Officer  
Issuing the Tender Documents : \_\_\_\_\_

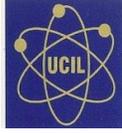
Designation : \_\_\_\_\_

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

Cash Memo / Receipt No. : \_\_\_\_\_

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Y.S.R. DISTRICT.A.P.-516349 Ph.No.08588-282701/04, Fax:282704/707

E-mail: [uranium\\_tmpl@yahoo.co.in](mailto:uranium_tmpl@yahoo.co.in)

Ref. UCIL/TMPL/Elect Mill / 2014 / 200

Date:29 /05/2014

## NIT NO. TMPL / SKS / AMC / AIR CONDITIONERS -01

Sealed tenders in triplicate in prescribed form are invited by the Chairman & Managing Director, Uranium Corporation of India Limited, Jaduguda from bonafide, reliable, experienced and resourceful contractors for execution of following work:

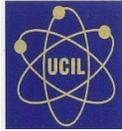
Name of the work	Earnest money deposit	Cost of Tender Document	Period of Completion	Date of Issue	Last date of receiving Tender
AMC for Air Conditioners, Water Coolers / Air Driers, Chillers etc. in UCIL, Tummalapalle.	Rs.19000/-	Rs.700 /-	12 (Twelve) Months. <b>( AMC )</b>	From 02.06-14 to 14-06 -14 upto 4.00PM	16-06-2014 upto 2.30 PM

Full details, terms and conditions and specifications of the work shall be available in the tender document which can be had from the office of the Manager ( Administration ), Uranium Corporation of India Limited, Tummalapalle , M.C.Palli P.O, Vemula Mandal, YSR District, Andhra Pradesh – 516349. on payment of cost of tender document (Non-refundable) on all working days except Sundays and National holidays between 8.30 AM to 12.00 Noon and 2.00 PM to 4.00 PM.

Chairman & Managing Director or his representative(s) will open tenders on **17-06-12 at 3.30 PM** at office of Manager ( Administration ), Tummalapalle in the presence of tenderers who may like to be present. The tender document can also be downloaded from UCIL's website [www.ucil.gov.in](http://www.ucil.gov.in) in which case the cost of tender document must be submitted along with offer in form of DD drawn in favour of "M/s URANIUM CORPORATION OF INDIA LIMITED" payable at State Bank of India, Pulivendula(Branch:0989) failing which the offer will not be considered. The Corporation reserves the right to accept or reject any or all tender(s) if necessary without assising any reason

The Corporation reserves the right to accept or reject any or all tenders either in full or part thereof or to split up the work if necessary without assigning any reasons whatsoever.

For Chairman & Managing Director  
Uranium Corporation of India Limited, Jaduguda



# URANIUM CORPORATION OF INDIA LIMITED

(A Govt. of India Enterprise)

## Tummalapalle

P.O.M.C.PALLE, VEMULA MANDAL,

Y.S.R. DISTRICT.A.P.-516349 Ph.No.08588-282701/04, Fax:282704/707

E-mail: [uranium\\_tmpl@yahoo.co.in](mailto:uranium_tmpl@yahoo.co.in)

### 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 maintenance of Air Conditioners, Water Coolers / Air Driers, Chillers etc. on Annual Maintenance basis in UCIL, Tummalapalle
2. The tender shall be in prescribed Form and it shall be valid for a minimum period of six months from the date of opening of tender. Should the tenderer modify or withdraw his tender within the said period of three months from the date of opening the tender, earnest money deposited by the tenderer shall be forfeited.
3. The works are required to be completed as given in the special condition 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 & Managing Director shall be the Accepting Officer herein after referred to as such for the purpose of this contract.
5. Tender documents consisting of drawing (if any), specification, schedule of quantities of the various classes of work to be done, the conditions of contract and other necessary documents will be open for inspection and issued/sold on payment of Rs. 700/- from 02-06-2014 up to 14-06 -2014 on all working days except Sundays and National holidays between 8.30 AM to 12.00 Noon and 2.00 PM to 4.00 PM.
6. Issued tender documents shall be submitted to Manager ( Administration ), Tummalapalle so as to reach his office **not later than 16-06-2014 up to 2.30 PM.**
7. Submission of a tender by a tenderer implies that he has **read** this notice and all other contract documents and has made him self 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.
8. **A tenderer should quote in figures as well as in words rate(s) tendered. 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 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 two places of decimal.**
9. All rates shall be quoted on the tender form in **triplicate.**
10. 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.
11. 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.

12. Tenders shall be received by . Manager ( Administration ) up to 2.30 PM. on the 16<sup>th</sup> of June, 2014 and shall be opened at **3.30 PM on 17<sup>th</sup> June 2014** in the presence of tenderers who may be present.
13. **The tender shall be accompanied by Earnest Money of Rs. 19,000/- in the form of DD/TDR/FDR/DAC in favour of Uranium Corporation of India Limited, payable at State Bank of India, Main Branch Pulivendla.**

On acceptance of tender, Earnest Money will be treated as part of the Security deposit. Failure of the successful tenderer to carry out the tender work shall entail forfeiture of the Earnest Money and Security Deposit entirely.
14. The Uranium Corporation of India Limited, Tummalapalle is connected by road to Kadapa, Muddanuru, Kadiri, Dharmavaram, Anantapur, Bangalore, Chennai. It is around 14 Kms from Pulivendla Town. The nearest Railway station is Muddanuru which is around 55 Kms from the Plant.
15. Uranium Corporation of India Limited, Tummalapalle will return the Earnest Money without any interest to unsuccessful tenderer on production by the tenderer of a certificate from Chief. Supdt. (Elect.)/Mill, UCIL, Tummalapalle.
16. A tenderer shall submit the tender which satisfy each and every condition laid down in this notice, failing which, the tender will be liable to be rejected.
17. The Corporation does not bind themselves to accept the lowest or to give any reasons for their decision.
18. The Corporation reserve to themselves the right of accepting the whole or any part of the tender and tenderer shall be bound to perform the same at quoted rates.
19. 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.
20. This notice of tender shall form part of the contract documents.

For and behalf of  
CHAIRMAN & MANAGING DIRECTOR  
URANIUM CORPORATION OF INDIA LIMITED

Signature: \_\_\_\_\_

Designation: \_\_\_\_\_

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

## FORM OF TENDER

To  
The Chairman & 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 work, Technical Specifications, Tender Drawings in accordance with the conditions of tendering, 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 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 whole works covered under this tender within a period of \_\_\_\_\_ months from the date of Letter of Acceptance.

I/We have deposited as 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 .../.../..... Day of 20.....

ARTICLES OF AGREEMENT made at \_\_\_\_\_ This  
\_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ 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 construed as part of this agreement, viz:
  - a. Tender notice no. \_\_\_\_\_ dated \_\_\_\_\_.
  - b. The drawings ( if any )
  - c. The tender
  - d. The general conditions of contract
  - e. The specifications
  - f. The special conditions
  - g. The schedule of quantities
  - h. Design data and technical specifications (if any)
  - i. General information and guidance of tenderers.
  - j. Any other document specifically mentioned herein as forming a part 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 in 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 \_\_\_\_\_ 20\_\_\_\_ signed  
by the said.

\_\_\_\_\_  
In the presence of  
Director (P-S)

and  
INDIA LTD.  
1)

2)

with seal

Executive

SIGNED & DELIVERED for

on behalf of URANIUM CORPORATION OF

\_\_\_\_\_  
Authorized Signatory of the party

## **GENERAL INFORMATION AND GUIDANCE FOR CONTRACTOR**

The information given below is only for the Tenderer's general guidance and shall not relieve him of the responsibility for fully detailed first hand site investigations of his own before tendering:

1. Rates: The tenderers are required to quote the rates against all items of the schedule of quantities in words and figures clearly in **Triplicate** ( Two copies shall necessarily be Xerox/carbon copy of the original). Failure to submit in triplicate , the tender shall be treated as 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. 19000/- (Rupees Nineteen Thousand only)** in any of the following forms and attach the official receipt thereof, failing which the tender shall not be considered. No interest shall be allowed on the Earnest money deposited.
  - (a) DD/FDR/TDR/DAC in favour of the Uranium Corporation of India Limited payable at State Bank of India, Main Branch, Pulivendla. The Earnest Money will be refunded to unsuccessful tenderers within a reasonable time without any interest. The Earnest Money deposited by the successful tenderer will be retained towards the security deposit for the due fulfillment of the contract but shall be forfeited if the contractor fails to deposit the requisite security money, execute the agreement/or start the work within reasonable time (to be determined by the Corporation after written acceptance of his tender).
7. Upon acceptance of tender, the successful tenderer shall have to deposit an amount towards security deposit with in ten days of written acceptance of work order. Total amount of security deposit shall be limited to 10% of the awarded value of work. Five percent (ie 5% of the awarded value) of this amount shall have to be deposited as initial security deposit at the time of execution of agreement including the amount deposited as earnest money. In addition to the above, further amounts to extent of 5% of the cost of the work will be deducted from the running monthly bills by way of percentage deductions, such percentage deduction shall be at 10% of the running monthly bills till the full amount of security deposit is released/retained by the Corporation.

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 be not allowed to increase/withdraw his tender within two months from the date of opening of the tender and if he does so the Earnest Money deposit may be forfeited.
9. 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.
10. The memorandum, the form of tender and the schedule of materials to be supplied by the Corporation at 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, an complete he shall request Corporation to have this done before he complete and delivers his tender.
11. The contractor must have service tax number and the same shall be provided.
12. In case the contractor does not engage inter state migrant work men, then the contractor shall have to submit a declaration to this effect. If the contractor employ interstate migrant workmen (5 or more),The contractor shall have to obtain license under the interstate migrant workmen regulation of employment and corporation services act 1979 as defined under section 2 (e).
13. The tenderer shall be fully competent to carry out the work as per tender and has carried out the installation and maintenance of the Air Conditioners including Centralized Air Conditioners, Chillers, Air Dryers, Water Coolers etc.
14. **Each page 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.**
15. The tender form must be filled in English and all entries must be made by hand written in ink. **All the rates 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 alternations 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 will render the tender invalid. No advice of any change in rate or conditions after the opening of the tender will be entertained.
16. Item rates should be submitted in Triplicate, for this purpose no extra copies of schedule of quantities are enclosed.

## Technical Specification

### 1.00.0 **Scope of work:**

- 1.00.01 The contractor shall have to carryout the servicing ( Preventive Maintenance ) of Air Conditioners, Water Coolers / Air Driers, Chillers etc. in UCIL, Tummalapalle in good working condition. The breakdowns should be attended as and when required. Dismantling and installation of Air Conditioners, Installation of new Air Conditioners, Water Coolers etc. for a contract period of (01) one year (12 months) from the date of start of work. The scope of work shall be as mentioned in the Schedule. The Capacity of Air Conditioners shall be ranging from 1.5T to 25 T.
- 1.00.02 The contractor will have to maintain record of all the servicing/ attending of breakdowns and get the same countersigned by the Engineer Incharge / Engineer's Representative, UCIL at the end of the month or as per direction.

### 2.00.00 **Scope of services:**

- 2.00.01 The contractor shall be responsible for safe storage & handling of new / equipments under repair, spares etc.
- 2.00.02 After successful completion of the work on the equipment , the same shall be tested for atleast 1 Hr in the presence of Engineer – in – charge before handing over to UCIL.

### 3.00.00 **Schedule of items.**

- 3.00.01 The quantities shown on schedule of items are tentative for bidding purpose only. Any variation arising during the contract period will be taken into account for adjustment of contract price based on unit rates quoted in the bid.

### 4.00.00 **Completeness of work..**

- 4.00.01 Any material or accessory which may not have been specially mentioned but which is necessary for satisfactory and trouble free operation and preventive maintenance/ breakdown maintenance shall be furnished with the permission of Engineer in charge.

### 5.00.00 **Deviation.**

- 5.00.01 Should the Bidder wish to deviate from this specification in any way, he shall draw specific attention to such deviation. The decision of the Engineer in charge shall be final.

### 5.01.00 **Past Experience :**

- 5.01.01 The tenderer shall be fully competent to carry out the work as per tender and has carried out the installation, overhauling and breakdown maintenance of the equipments of Air Conditioners, Water Coolers / Air Driers, Chillers etc. including the Centralized Air Conditioners in UCIL, Tummalapalle..

### 6.00.00 **Site Location.**

- 6.00.01 The UCIL Tummalapalle Project Mill R.M. Shop is situated at Tummalapalle which is around 14 Kms from Pulivendla.

- 7.00.00 **Specific Requirements**
- 7.00.01 Responsibility of preventive maintenance/repairs of Air Conditioners, Water Coolers / Air Driers, Chillers etc. in
- 7.00.02 The Contractor shall be fully and finally responsible for proper preventive maintenance/repairs / proper installation of Air Conditioners, Water Coolers / Air Driers, Chillers etc. and ensure safe and satisfactory operation of equipment under his scope of work to the entire satisfaction of the Engineer.
- 7.00.03 If in the opinion of the contractor any equipment requires modification, the contractor shall refer the same in writing to the engineer and obtain his instruction/approval before proceeding with the work.
- If the contractor fails to refer such instances any excuse for the faulty repair, poor workmanship or delay in delivery shall not be entertained.
- 7.01.00 **Protection of Equipment**
- 7.01.01 The contractor shall effectively protect equipments and materials under his custody from theft, damage or tampering.  
Contractor shall be held responsible for any loss or damage to the equipment taken by him for servicing / repairs until the same is taken over by the owner according to contract.
- 7.02.00 **Safety measures**
- 7.02.01 All safety appliance and protective devices shall be provided by the contractor for their personnel for safe execution of the work at site.
- INCOME TAX**
- 7.03.00 Income Tax & Work contract Tax, if any as per rules shall be deducted at source on gross value of the work executed and balance amount on this account shall be deposited by the contractor directly to Income Tax authority.
- 7.03.01 Sales Tax / Works Contract Tax as per rules shall be recovered at source on gross value of the work executed and balance amount on this account shall be deposited by the contractor directly to Sales Tax authority.

## **SPECIAL CONDITIONS:**

1. **Guarantee:** The serviced / repaired / installed equipments shall be guaranteed for a period of **180 days** from the date handing over after work after successful testing to UCIL. Contractor will be responsible for free repair of the equipment in case of failure of the same within guarantee period.
2. The contractor should specifically mention in his work report that the **EARTHING** of the equipment is in good condition and the equipment is provided with Two Earth connections. It shall be the responsibility of the Contractor for providing proper earthing of the equipment.
3. Offer shall be inclusive of cost of labour, testing and all taxes.
4. The spares should be got approved by the Engineer in charge or his representative before using. The specifications with make of the compressors and other supply items in the scope of the contractor should be taken from the Engineer in charge or his representative before supply. The Compressors shall be supplied with Guarantee cards.
5. **Contract Period - 12 (twelve) months** from the date of start of work of the work.
6. **Minimum Two persons** should be available at site from 8.00 AM to 6.00 PM on all working days. If it is necessary, as and when required, they should continue beyond the working hours without any extra cost. The transportation of the persons shall be in the scope of the contractor.
7. The scope includes the maintenance of equipments in Guest house and offices in township.
8. **Payment:** - There shall be 4 Running Bills and One Final Bill. The payment will be made within 30 days from the date of submission of the bill to the Engineer incharge or his representative.
9. **Rate –** Rate will be firm during the period of contract and no escalation will be allowed during the period of contract.
10. Contractor shall deliver all the old and defective spare , to our Central Store, Tummalapalle.
11. Quantity Variation:± 10%
12. **Inspection:** The equipment will be inspected during or after servicing / repairs / installation and as and when required by us .
13. Very important equipments should be attended on top priority and if required, extra person should be engaged free of cost taking prior permission from the Engineer In charge.
14. If damages happen to the equipments by the Contractor during working, the same shall be assessed in the bills for payment.
15. The available ladders with UCIL can be used by the contractor.
16. Tools and tackles for carrying out the work shall be in the scope of the contractor.
17. The contractor should adhere to the preventive maintenance schedule and cover the equipments as per the schedule.

**Estimate of items for AMC for Air Conditioners, Water Coolers, Air Driers, Chillers etc. in UCIL, Tummalapalle.**

01.05.2014

NIT : No. TMPL / SKS / AMC / AIR CONDITIONERS - 01.

**Schedule of Items**

Sl. No	Description	Qty (W)	Unit (X)	Rate(Rs) (Y)	Amount(Rs) (Z)	Rate in words
1	Complete servicing,over hauling , washing of split type,Window A/c's, water coolers/Refrigerator . Checking of all electrical connections in the A/C and panel. If required, the unit should be removed and fixed back after servicing. All the tools and tackles for the above work should be arranged by the contractor. This also includes dismantling and fixing of parts if required. Contractor should ensure that the earthing to the A/C and its associated units and panels are properly maintained.					
a)	1.5 Ton/2 Ton (Window/Split) ( Important A/Cs ). List will be given by Engineer In Charge.	26	8 times per machine/year			
b)	1.5 Ton/2 Ton (Window/Split) in offices and other areas. ( List will be given by Engineer in Charge.	74	4 times per machine/year			
c)	5.5 TR/7.5 TR(Ductable A/c)	34	8 times per machine/year			
d)	15 TR/ 25 TR(Ductable A/c)	3	6 times per machine/year			
e)	Water Coolers/Chiller Units/Air Driers/Refrigerators	22	4 times per machine/year	300		
2	Supply and Filling of Gas (Refrigerant R-22/Refrigerant available in machine) for the following machines as and when required.					
a)	1.5 Ton/2 Ton (Window/Split)					
b)	5.5 TR/7.5 TR(Ductable A/c)					
c)	15 TR/ 25 TR(Ductable A/c)	250	Kg	860		
d)	Water Coolers/Chiller Units/Air Driers/Refrigerators					
					<b>TOTAL (A)</b>	

**NOTE : FOR ITEM Nos. 1 a), 1b ), 1 c), 1 d) and 1e) -- AMOUNT (Z) = Qty (W) x Unit No. of Times (X) x Rate (Y)**

Signature of bidder with seal

**Estimate of items for AMC for Air Conditioners, Water Coolers, Air Driers, Chillers etc. in UCIL, Tummalapalle.**

NIT : No. TMPL / SKS / AMC / AIR CONDITIONERS - 01.

01.05.2014

**Schedule of Items**

Sl. No	Description	Qty (W)	Unit (X)	Rate(Rs) (Y)	Amount(Rs) (Z)	Rate in words
3	Breakdown maintenance of the following machines including maintenance of starter panels, replacement of spares. This includes removal and fixing of motor, and other spares including compressor. Motor rewinding will be done by UCIL. Spares other than those mentioned in the Supply items mentioned in the schedule will be supplied by UCIL. The list of spares required for 2 years, to be supplied by UCIL should be given by the contractor( <b>During breakdown maintenance the spares supplied by the contractors/UCIL should be fixed by removing the faulty components</b> ).					
a)	1.5 Ton/2 Ton (Window/Split)	40	No			
b)	5.5 TR/7.5 TR(Ductable A/c)	15	No			
c)	15 TR/ 25 TR(Ductable A/c)	6	No			
d)	Water Coolers/Chiller Units/Air Driers/Refrigerators	10	No			
4	Supply of 2 copper tubes + 3c x 2.5sqmm PVC insulated multistarnd copper cable+ foam ( For 1.5 T / 2 Ton A/C s ).	75	mtrs			
5	Removal and shifting and installation of 1.5/2 Ton A/c and installing and testing of split/window AC(includes frame fixing and hardwares)	10	Nos			
6	Installation of New Air conditioner supplied by UCIL 1.5/2 Tons Split A/c	4	Nos			
7	Supply of 1.5 Ton Compressor of makes LG/Voltas / Blue Star / Samsung / Videocon / Batiiboi.	6	Nos			
8	Supply of 2 Ton Compressor of makes LG/Voltas / Blue Star / Samsung / Videocon / Batiiboi..	6	Nos			
9	Supply of Blower fan for 1.5Ton/2Ton A/c. LG / Voltas.	10	Nos			
				<b>TOTAL (B)</b>		

Signature of bidder with seal

sheet 2

Estimate of items for AMC for Air Conditioners, Water Coolers, Air Driers, Chillers etc. in UCIL, Tummalapalle.

NIT : No. TMPL / SKS / AMC / AIR CONDITIONERS - 01.

01.05.2014

Schedule of Items

Sl. No	Description	Qty ( W)	Unit ( X)	Rate(Rs) ( Y)	Amount(Rs) ( Z)	Rate in words
10	Supply of control card 1.5Ton/2Ton/5.5Ton of makes LG/Voltas / Batliboi.	10	Nos			
11	Supply of HP switches,LP switches,HP/LP switches,Oil switches for 1.5/2/5.5/7.5/15/25 Tons A/C of makes Shangai Junle refrigeration control Company Ltd, Danfoss and other standard make to fit into the system.	15	Nos			
12	Supply of Capacitors for 1.5 Ton / 2.5 Ton for compressor	10	Nos.			
13	Supply of capacitor for blower fan motor 1.5 Ton / 2 Ton	5	Nos			
14	Miscellaneous spares :					
a)	Flare Nut	6	Nos			
b)	Capillary	6	Nos			
c)	Filter	6	Nos			
d)	Solenoid for 15 Ton / 25 Ton Ductable A/Cs.	3	Nos			
				<b>TOTAL ( C)</b>		

TOTAL A + B + C =

(Rupees. \_\_\_\_\_)

- Note : 1. Compressors, and other spares not mentioned in the schedule will be supplied by UCIL.  
 2. All the faulty spares should be returned to UCIL by the Contractor.  
 3. Manufacturers Guarantee Cards for compressors should be submitted along with the supply by the Contractor.  
 4. All the spares should be got approved from The Engineer in Charge.  
 5. The Contractor should obtain the specifications of the spares from Engineer in Charge and should supply accordingly.  
 6. FOR ITEM Nos. 1 a), 1b), 1 c), 1 d) and 1e) --- AMOUNT (Z) = Qty (W) x Unit No. of Times (X) x Rate (Y)

Signature of bidder with seal

sheet 3

