

URANIUM CORPORATION OF INDIA LIMITED
(A Govt. Of India Enterprise)

TUMMALAPALE Project

P.O.- MABBUCHINTALA PALLE , Mandal – VEMULA,
DIST-KADAPA, ANDHRA PRADESH-516349.

Hyderabad Office : Plot No. 37, Road No.3 , SunRise Homes,
Upparpally, P.O.- HYDERABAD ,
Ranga Reddy District- HYDERABAD-500 048

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

**TENDER DOCUMENT
FOR**

WORK OF MONITORING & ANALYSING
THE EMISSIONS OF STACKS

Installed at Tummapally Plant

NIT NO: TMPL/MILL/ENV/2017/NIT- 01



URANIUM CORPORATION OF INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
P.O. Mabbuchintala Palle Mandal - Vemula
DIST – YSR DISTRICT , A.P.-516349

NOTICE INVITING TENDER NO: TMPL/MILL/ENV/2017/NIT- 01

JOB: Monitoring & Analysing the Emissions from Stacks Installed at Tummalapalle Unit of UCIL in conformance to the protocol of CPCB for a period of 2 (Two) years

1. Tenders to be submitted by 18.05.2017 up to 3.00 P.M. to Manager (Admin), Tummalapalle.
2. Part –I of received Tenders shall be opened in presence of Tenderers who may like to be present at 3.30P.M. on 18.05.2017.

Issued to: _____

Signature of officer issuing the Tender Document: _____

Date: _____

Cash Memo/Receipt No: _____



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Tenderer / Bidder's Details

| Name of The Tenderer / Bidder | | M/s |
|--|------------------|------------|
| Nature of Organisation Govt/ Public Ltd Co/ Pvt Ltd Co/ Partnership/ Proprietary | | |
| Address of registered office | | |
| Contact person details –Name , Designation and Mobile no. | | |
| Telephone No. | | |
| Fax No. | | |
| Email id | | |
| Website | | |
| PAN No. | | |
| Bank Details (Pl attach one cancelled cheque for verifying furnished information | Bank Account No. | |
| | Name Of Bank | |
| | Type of Account | |
| | Branch Place | |
| | Branch Code no | |
| | MCR No. | |
| | ECS No. | |
| | IFSC No. | |
| Name of the person Authorised to sign the agreement& operate the contract(Pl submit a copy of MOA/ACA of your company and power of Attorney of the authorised person | | |



URANIUM CORPORATION OF INDIA LIMITED
(A GOVT. OF INDIA ENTERPRISE)
P.O. Mabbuchintala Pallo Mandal - Vemula
DIST – YSR DISTRICT , A.P.-516349

Date : 15.04.2017

NOTICE INVITING TENDER NO – TMPL/ MILL/ ENV/2017/ NIT- 01

Sealed quotations are invited by UCIL, Tummalapalle from bonafide, reliable & resourceful contractors/agency for the following works.:

| | |
|---|--|
| Name Of Work | Monitoring & Analysing emissions from Stacks Installed at Tummalapalle Unit of UCIL Supply of services for Sampling, analysing and Monitoring of Emissions from Stacks Installed at Tummalapalle Unit of UCIL in conformance to the requirement of APPCB/MoEF and other statutory bodies |
| Earnest Money Deposit | Rs 13500.00 [Rupees Thirteen Thousands Five Hundred] |
| Cost of Tender Document | Rs 500.00 [Rupees Five Hundred] |
| Estimated value of work | Rs 5,35,400.00 [Rupees Five Lacs Thirty Five Thousands Four Hundreds] |
| Contract Period | 2 (two) years |
| Nature of Tender | Two parts |
| Starting date of sale of Tender Documents | 17.04.2017 |
| Closing of sale of Tender Documents | 18.05.2017 |
| Last date of Receiving of complete Tender | 18.05.2017 upto 3:00 PM |
| Date of opening of Technical Bid (Part-I) | 18.05.2017 at 3:30 pm |
| If UCIL Tummalapalle Office happens to be closed on the last date and time mentioned for any of the above events, the said events will take place on the next working day at the same time & venue. | |

PRE QUALIFICATION CRITERIA :

- The tender should have experience in Stack Monitoring and shall be approved by CPCB / APPCB / MoEF etc.
 - The tenderer's laboratory should be recognized by the MoEF/CPCB. Copy of Valid certificate to this effect needs to be submitted.
 - The instruments to be used for testing of parameters mentioned should be calibrated by Govt authorized test centres and copy of valid calibration certificate to be submitted with tender.
 - The offer submitted without above asked documents will not be considered and will be summarily rejected.
- The tenderer should submit the following towards Pre-Qualification Criteria.
 - The tenderer should have completed following jobs in last three years period.



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i. One Single AMC of value not less than Rs 428,000.00 [Rupees Four Lakhs Twenty Eight Thousands].

ii. Two AMC of values not less than Rs 3,21,000.00 [Rupees Three Lakhs Twenty One Thousands] each.

iii. Three AMC of values not less than Rs 2,14,000.00 [Rupees Two Lakhs Forteen Thousands] each.

- B.) Tenderer shall submit copies of similar work orders executed by them with during last two years. (similar order means Monitoring of stack emissions parameters in Factories or Mines: SPM/SO₂//NOX/CO/Velocity of gas emission/Temperature of stack gas/Flow rate of stack emission.)
- C.) The Laboratory must be approved by State or Central Pollution Control Board, The approval certificate shall be submitted.
- D.) Financial soundness through latest Balance Sheet and Profit & Loss Account for the Financial year ending 31st March 2015.
- E.) Tenderer may please mention the Permanent Account Number (PAN) in their offer with copies of certificate.
- F.) Tenderer shall produce a copy of Service Tax Registration Certificate.
- G. The party shall indicate whether it is a micro/small enterprise and if so, submit copy of registration certificate.

Intending tenderers are requested to submit their application for issue of Tender documents along with tender fee of Rs.500/- (non-refundable) in cash.

Full details, terms, conditions & specification of work as well as detailed conditions of tendering shall be available in the above mentioned tender document, which can be had from the office of the Chief Manager [Admin.], Uranium Corporation of India Ltd., Tummalapalle, A.P. during office hours on payment of cost of tender document (non – refundable) on all working days of UCIL except Sundays & Holidays between 8.30 A.M to 12.30 P.M. & 2.30 p.m. to 3.30 P.M,

Postal or e-mail tenders will not be entertained.

Sealed tenders will be received in the tender box kept in the office of Chief Manager (Admin.), UCIL, Tummalapalle office at the above mentioned address and the same will be opened in the presence of tenderers who may like to be present.

Tenders received without Earnest Money deposit will be summarily rejected.

The tender document can also be downloaded from UCIL's website "www.uraniumcorp.in" in which case the cost of tender document must be submitted along with the offer in form of DD drawn in favour of "M/s

URANIUM CORPORATION OF INDIA LIMITED" payable at State Bank of India, Pulivendula (Branch Code: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 assigning any reason.*

For Chairman and Managing Director

For URANIUM CORPORATION OF INDIA LIMITED



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GENERAL CONDITIONS OF CONTRACT

1) **Nature of Tender**:- Two Parts.

2) **Working Hours** :-

From 8.00 AM to 5.00 PM on all working days (excluding Sunday & Holidays). However, contractor shall be allowed to work beyond 5.00 PM depending upon the urgency but only after obtaining permission from the Engineer-In-charge, UCIL. **No extra claims shall be entertained for working beyond duty hours in such urgency.**

3) **Commencement of work** :-

Work will commence within one week from the date of issue of work order. Contractor will report to the Engineer In-charge, UCIL immediately on receipt of work order for further instructions for carrying out the job. A letter duly signed under contractor's official seal as a token of acceptance of all terms & conditions of work order must reach in the office within two days of receipt of the order. Contractor shall **submit work commencement letter in duplicate** (in prescribed format) to the Engineer In-charge -UCIL within two days of start of work at site as statutory requirement for onward transmission to the competent authority, Govt. of India, Ministry of Labour, Andhra Pradesh. **The work order no. & date as well as name of work must be quoted in all correspondences.**

4) **Completion period** :-

The completion Period of this contract is 2 (two) years and shall reckoned from the date of issue of the work order.

5) **Payment** :-

Bill (s) will be paid as mentioned in clause **"Payment Terms"** of the Scope of Work or Special Conditions etc. of contract document.

Payment will be released quarterly after satisfactory sampling , monitoring , analysis and submission of reports in quadruplicate copies against submission of clear invoices and approval/certification of same by officer incharge of within 30 days of submission & approval of Running Account bills. . The Contractor shall mention actual date of commencement of the sampling work in their every bills to be submitted quarterly. A Final bill will have to be submitted after completion of entire awarded work by the contractor and will be released only after submission of Annual Return and work completion letter in duplicate by the contractor. (Format to be obtained from Office of UCIL).

6) **Jurisdiction / Dispute** :-

Any action / dispute arisen out of or from this work order shall be subject to the jurisdiction of court of law at Hyderabad only, irrespective of anything to the contrary mentioned in the tender / quotation. Any statutory obligation has to be made by the contractor. Tenderer will extend all help.

7) **Penalty (Liquidated Damage)** :-

If the progress of work is not found satisfactory or the contractor fails to complete the works within the time frame of completion, the corporation reserves the right to **impose penalty / liquidated damage @ ½ % per week maximum up to 5%** on the awarded / contract value for each complete week between the time for completion and actual date of completion. The amount of penalty / compensation may be adjusted or set off against any sum payable to the contractor under this or any other contract with the corporation. And after ten week from the actual date of completion of whole work if the contractor fails to complete the work, corporation reserves the right to terminate the contract and get the balance work done through any other agency at contractor's risks and costs.

8) **Force Majeure** :-

In case of closure / breakdown / strike / lockout or any other causes beyond control of the corporation preventing normal operation, the corporation shall be at liberty to extend the time for completion or cancel the order without any financial liability whatsoever.

9) **Insurance** :-

The contractor shall ensure & maintain insurance against his liability for accident or injury to workmen or machineries used for the work and shall submit two copies of the policy & receipts of premiums paid or satisfactory evidence of insurance coverage at their own cost valid for whole working / contract period at a time for all the persons to be engaged to the Engineer- in-charge, UCIL before the commencement of work. Contractor shall also submit the proof of renewal of the same policy at least two days before the expiry date of the previous policy to the Engineer-in-charge UCIL. **The contractor will not be allowed to carry out any activity without necessary insurance coverage** (mentioning working height depend upon the job requirements and as per insurance rules) of their persons. **Insurance policy shall also indemnify UCIL against any claim raised by the injured / affected workmen or his family.**

10) **Safety Rules & Regulations for contractor's employees** :-

UCIL's Safety Rules & Regulations for contractor's employees as given in the Annexure-A will be complied strictly during the execution of the work under this tender. at site. Contractor has to follow the Safety Rules & Regulations as per Indian Electricity Rules to do the electrical works. **UCIL shall not provide any safety appliances and tools & tackles under any circumstances. Contractor shall arrange required safety appliances by its own means and ensure the use of safety appliances during the work at site.** Contractor will take full safety measures and arrange the necessary safety gadgets / appliances, tools & tackles, helmet, gumboot, safety belt, shockproof shoe, safety suit / uniform, goggles, gloves, apron, ladders, trolley, wheel barrow, bamboos, rope, machineries, scaffolding, etc. required for the work by

their own cost so as to ensure that no damage, loss or injury to corporation's personnel, contractors' personnel, third party or equipment are caused due to the work being carried out by contractor. Contractor must report in writing (duplicate) to the Engineer-In-charge or Safety Officer (Mill)-UCIL immediately on becoming aware of any accident at their site.

11) **Security Rules & Regulations and Entry Passes** :-

Contractor shall strictly abide by the prevailing security rules and regulations and also to be enforced by UCIL time to time. **Entry to the works premises is strictly restricted and only bonafide pass (permission) holders are allowed.** The contractor will have to submit the details of the persons to be employed for this work within two days of award of work. The contractor will be allowed to start the work only after submission of the details in prescribed verification forms (in duplicate) along with passport size photograph for each labourer separately to the Competent Authority, UCIL. Contractor will make necessary Entry Passes from concerned officials of SPF, UCIL sufficiently in advance.

12) **Safe Transportation / Storage of Materials** :-

Contractor will have to make their own arrangement for to and fro transportation of men, material and machine, etc. including loading & unloading / lifting & shifting at their own expense under this contract. Contractor will also be responsible for safe keeping of materials at their own cost issued by UCIL either free of cost or chargeable basis.

13) **Material (s) Supply by UCIL and Contractor** :-

The corporation will not provide any accommodation, tools and tackles, men, material, machineries, transport, stationery etc. for this work. No facility / supply other than mentioned in special conditions, scope of work and schedule of items will be provided by UCIL as free or on chargeable basis. If any other materials / facilities that are not covered under this tender but required complete the work, will have to be arranged by the contractor at their own expense. No extra claim shall be entertained against the materials that are not covered under this contract..

14) **Rate (s) in figures and words** :-

The tenderer should mention their quoted item rates in figures as well as in words. In case of any dispute / ambiguity, the item rate mentioned in words shall be considered as final. Insertions, postscripts, additions and alterations shall not be recognised unless confirmed by the tenderer's signature. **Tenderer shall quote rates(s) / price(s) in Duplicate duly signed and stamped on each page as per price format (schedule of items and quantities) enclosed along with tender document. Otherwise, offers of parties quoting without following this price format will be out rightly rejected.**

15) **Taxes & Duties** :-

The quoted rate should be inclusive of all taxes and duties including service tax, if applicable. Pl also clearly specify the considered rate service tax in their item rates quoted by the tenderer in their offer.

. Hence, no other taxes, duties and royalty, etc. would be paid extra.

Offers with price variation clause will be out rightly rejected.

16) **Price Escalation** :-

No escalation on any account shall be payable and price quoted shall be firm till completion of the work under the contract period of 2 (two) years.

17) **Temporary work closure** :-

If the work site is required to be suspended for some days / period because of non-availability of shutdown or any reason, contractor may close the site temporarily under written intimation *in triplicate* to the Engineer-in-charge, UCIL. During the above period, the contractor will be in touch with the Engineer-in-charge- UCIL for further instructions, if any & contractor will provide their contact address with phone numbers. No extra claim against any idling of contractor's site crew / staff & machineries, etc. will be entertained.

18) **Contract Agreement:-**

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

19). **Validity of Offer** : the Offer should be valid for a period of 3 (Three) months from Date of opening of Technical Bid [Part-I].

20) **Submission of Offer/ tender/ bid** : The Tenderer or bidder shall return their tender document duly signed and stamped on each pages along with their offer. Canvassing in any form is strictly prohibited and disqualify the tenderer for the tender submitted for. **Tenders will not be received after due date and time.** Tenders will not be accepted by Fax. Tenders submitted without earnest money deposit will be summarily rejected. If any of the date under this contract is declared holiday, the event scheduled on that day will be automatically shifted on the next working day. Tender / quotation / bid shall be submitted in a manner asked strictly in accordance with the tender terms & conditions laid down here .

21) **PART-I : Techno Commercial un-priced bid** along with original EMD document , copies of documents supporting Pre Qualifying Criteria , List of Deviation from NIT Conditions and Covering letter is to be kept in a separate sealed envelope and this cover should have been superscripted with clearly **“PART-I : Techno Commercial un-priced bid”** and **due date of opening .**

22) **PART-II : Price Bid** alongwith Price bid and covering letter is to be kept in a separate sealed envelope and this cover should have been superscripted with clearly **“PART-II : Priced bid”**

23) Finally both of above cited parts of the offer should again be kept in a third bigger Envelope duly sealed and super scribed with **NIT number , Name and due dated of opening of Part-I Techno commercial un-priced bid.** This envelope is to be kept in the ‘Tender Box ’ only.

24) The tenders after receipt shall be opened on the stipulated date and time by the Chairman and Managing Director or his representative in presence of the intending bidders. The price part of the

qualified tenderers only will be opened later on . The date of opening of Part-II (Price Bid) of qualified tenderers will be intimated to bidders in advance for attending price bid opening.

25) **Variation in Quantity of items:-**

The quantity mentioned under the “schedule of item (s)” of this tender is tentative. The actual quantity may vary from that indicated in the tender document due to actual conditions of the site or due to other reasons. The qty of any item may vary to any extent . The contractor shall carry out all additional work up to the total **variation of ± 10 % of the awarded value**. The other terms & conditions and rate (s) shall remain firm within this limit. **Variation of item wise quantity within the ordered value shall be there.**

26) **Indemnity:-**

Contractor will fully indemnify the corporation against all responsibility and whatsoever arising out of accident / injury to contractor’s workmen, third party or to corporations’ personnel and properties.

27) **Documents not transferable:-**

Tender documents are not transferable. These tender documents are the property of corporation. Contractor shall keep one copy of the documents at site in good condition for inspection and use by the Engineer In-charge, UCIL or his representative or by other inspecting officer. None of these documents shall be used by the contractor for any purpose other than that of this contract.

28) **Award of Contract:-**

It shall not be obligatory on part of the Purchaser to accept the lowest tender. The Purchaser would be at liberty to accept any tender, lowest or otherwise, in whole or in part and to reject any or all the tenders received, without assigning any reasons, and no explanation can be demanded from him by any Tenderer in respect thereof.

29) **Medical facilities :-**

The contractor shall be fully responsible for any first aid / emergency treatment or serious medical treatment to his employees. UCIL will not provide medical facilities to contractor’s employees.

30) **Labour Acts & Rules :-**

The contractor shall (in respect of labourers employed by him) strictly comply with provisions of the following Act & Rules made there under in regard to all matters provided therein or any modifications thereof or any other law relating thereto from time to time.

Workmen Compensation Act-1923,
Payment of wages Act-1936
Employees Liability Act, 1938
Industrial Dispute Act, 1947
Minimum Wages Act, 1948
Employees State Insurance Act, 1948
Mines Act, 1952
EPF & MP Act, 1952

Maternity Benefit Act, 1961
Contract Labour (Regulations & Abolition) Act, 1970
All statutory provisions of Atomic Energy Regulatory Board

31) **Earnest Money Deposit / Security Money Deposit :-**

Earnest Money *or* Security Money shall be deposited by way of demand draft drawn in favour of “URANIUM CORPORATION OF INDIA LIMITED” payable at Pulivendula Branch of State Bank of India or **in cash** in Accounts Department, UCIL, **if applicable**. **Tenders received without E.M.D. will be summarily rejected.** Earnest Money Deposit shall be converted and adjusted into Security Deposit in the case of successful tenderer. E.M.D. and S.D. shall not bear any interest. The earnest money of unsuccessful tenderers will be refunded on written request in duplicate to the Engineer-in-charge after commencement of work under this contract.

32) **Security deposit:** Security deposit shall be 10% of order value. You will deposit an amount of 5% of order value (including earnest money already deposited) before starting the work at site. Balance 5% will be deducted from your first running bill so that the security deposit becomes 10% of the order value. Security Deposit will be refunded on written request in duplicate to the Engineer-in-charge after satisfactory completion of the work or defect liability / guarantee period **as applicable**. Failure to carry out the awarded work shall entail forfeiture of the earnest money and security money entirely.

LABOURERS

1. The contractor shall employ labour in sufficient number to maintain required rate of progress and quality to ensure workmanship of the degree specified in the contract and to the satisfaction of the Engineer – Incharge. The contractor shall not employ in connection with the works any person who has not attained the age of fifteen years.
2. Contractors should employ only the persons with established identity.
3. The Officer Incharge , SPF will issue temporary identity cards to persons actually engaged in the work and may exercise checks as considered necessary to ensure that strangers are not permitted inside the work premises. Contractors are required to surrender the identity cards on completion of job to Asst. Commandment, SPF.
4. SPF control room / Contractor will not allow any inter-state labourer as a contract labour in any case.
5. The contractor shall furnish to the Engineer–in-charge, a distribution return of the number description by trades of work people employed on the works. The contractor shall also submit on the 4th and 19th of every month to the Engineer Incharge a true statement showing in respect of second half of the preceding month and the first half of current month (i) the accident that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them and (ii) the number of female workers who have been allowed Maternity Benefit as provided in the Maternity Benefit Act 1961 or rules made there under and the amount paid to them.
6. The contractor shall pay to labourers employed by him wages not less than fair wages as defined in the Contract Labour (Regulation & Abolition) Act 1970 and rules made there under.
7. The contractor shall in respect of labour employed by him comply with or cause to be complied with the Contract Labour (Regulation & Abolition) Act 1970 and Rules made there under in regard to all matters provided therein.
8. The contractor shall comply with the provisions of the payment of Wages Act 1936, Minimum Wages Act 1948, Employees Liability Act 1938, Workmen’ s Compensation Act 1923, Industrial Disputes Act 1947, Maternity Benefit Act 1961, and Mines Act 1952 or any modifications thereof or any other law relating thereto and rules made there under from time to time.
9. The contractor shall be liable to pay his contribution and the employee’s contribution to the Employees State Insurance Scheme in respect of all labour employed by him for the execution of the contract, in accordance with the provision “The Employees State Insurance Act 1948 as amended from time to time and as applicable in this case. In case the contractor fails to submit full details of his account of labour employed and the contribution payable, the Engineer Incharge shall recover from the running bills of the contractor an amount of contribution as

assessed by him. The amount so recovered shall be adjusted against the actual contribution payable under Employees State Insurance Scheme.

10. The Engineer In-charge shall on a report having been made by an inspection staff as defined under the Contract Labour (Regulation & Abolition) Act 1970, and rules made there under have the power to deduct from the money due to the contractor any sum required or estimated to be required for making the good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of workers, non- payment of wages or of deductions made from his or their wages which are not justified by the contract or non-observance of the said Act.
11. The contractor shall indemnify the Corporation against any payment to be made under and for observance of the Contract Labour (Regulation & Abolition) Act 1970, and the rules made there under without prejudice to his right to claim indemnity from his sub-contractors.
12. In the event of the contractor committing a default or breach of any of the provisions of aforesaid Act and Rules made there under / amended from time to time or furnishing any information or submitting or filling any Forms / Register / Slip under the provisions of the law which is materially incorrect, then on the report of the Inspecting Officer, the contractor shall without prejudice pay to the Corporation a sum not exceeding liabilities for such defaults including liquidated damages etc. For every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the Labour Department and the contractor should indemnify the Corporation against all such liabilities.
13. **MODEL RULES FOR LABOUR WELFARE :-**
 - (i) The Contractor shall at his own expenses comply with or cause to be complied with Model Rules for Labour Welfare as provided under the rules framed by the appropriate Government from time to time for protection of health and making sanitary arrangements for workers directly or indirectly on the works. In case the contractor fails to make arrangements as aforesaid, the Engineer Incharge shall be entitled to do so and recover the cost thereof from the Contractor.
 - (ii) Failure to comply with Model Rules for Labour Welfare, Safety Code or the provisions relating to report on accidents and to grant Maternity Benefit to Female workers shall make the contractor liable to the Corporation as liquidated damages an amount not exceeding Rs. 50.00 for each default or materially incorrect statement. The Decision of the Engineer Incharge in such matters based on reports from the Inspecting Officers shall be final and binding and deducting officers shall be final and binding and deductions for recovery of such liquidated damages may be from any amount payable to the contractor.

SAFETY OF CONTRACTOR'S EMPLOYEES

1. The contractor shall at all times, take all reasonable precaution for the safety of employee, including those of sub – contractors in the performance of his contract and shall comply with all applicable provisions of both Central as well as the State Safety Laws. In addition to the safety provisions, the contracting officer shall include the SAFETY requirements as RECOMMENDED by the Health Physics Unit, Tummalapalle for a specified contract.

In the event that contractor fails to comply with these provisions, the contracting officer may, without prejudice to any other legal or contractual rights , issue an order for stopping all or any part of the work, thereafter a start order for resumption of work may be issued at the sole discretion of the Contracting Officer. The contractor shall make no reason of or in connection with such stoppage.

2. Contractor shall have a full time Safety Officer / Engineer when the contractor employ 500 or more persons or when engaged specifically in hazardous work.. In the case of contractors employing fewer than 500 persons , his safety representative shall be an employee in a high supervisory capacity and his safety duties may be in addition to his other technical / administrative duties.
3. Contractor shall have at least one person fully trained in First Aid to be present at the site of work all time.
4. Contractor must report to the Safety Officer (Mill) – through their contracting officer every accident involving _____
 - Their personnel
 - UCIL property or personnel.
 - Property or personnel of other contractors working at the site.
- 4.1 Contractor must report to the Safety Officer (Mill) immediately on becoming aware of any accident of Type - A (see Appendix –1) giving the following information :-
 - Name of the informant
 - Nature and location of incident being reported
 - Name of Supervisor / Engineer – Incharge, location and telephone no. where he can be reached.

4.1.1 Contractor shall submit their investigation reports , through their contracting officer , to the Safety officer (Mill) immediately but not later than 3 (three) working days after the occurrence of accident in the Form – A (see Appendix - 2)

4.1.2 In the case of Type – B accidents (see Appendix – 1) , Contractors shall submit their investigating reports , through their contracting officer , to the Safety officer (Mill) immediately but not later than 3 (three) working days after the occurrence of accident in the Form – A .

Monthly summary of accidents and cases of fire shall be prepared by each contractor in Form – B (see Appendix – 3) and be sent to the Safety officer (Mill) by the 7th of the next month.

4.3.1 Prime contractor reports shall include the man days lost and occurrence of accident under the jurisdiction of the Sub Contractors.

4.3.2 Contractors shall submit a narrative on safety activities and fire incidents for each month along with Form – B. The review should contain such items as Personnel and programme change, major project started and major problem.

CLASSIFICATION OF ACCIDENTS

TYPE – A

1. Fatal injury.
2. Serious injuries such as fracture, dislocation, severe burns etc. necessitating hospitalisation.
3. Any injury to five or more persons.
4. Accidents resulting in damage by fire, Explosion etc.

TYPE – B

1. Minor injuries which results in laceration, abrasion, contusion etc.
2. Disabling injuries but not requiring hospitalisation.

(FORM – A)

ACCIDENT INVESTIGATION REPORTS

Name of contractor and project :
Nature of contract :
Name of Engineer In charge :
Name of injured person :
Age :
Address :

Date and Time of accident :
Place where accident occurred :
Nature of job :

What was injured person doing :
at the time of accident

Description of accident (in detail) :

Nature of injuries :

What was defective or in wrong :
condition that was responsible
for the accident

What was wrong with working :
methods / instructions

What steps should be taken :
to prevent reoccurrence of
such accidents

Name of witness : 1.
2.

Safety representative's remarks
with signature and date

(FORM –B)

SUMMARY OF ACCIDENT FOR THE MONTH OF

Name of the contractor :

Name of project :

Name of the sub – contractor :

Name of safety representative
of the project:

| Total nos. of persons working in the project. | <u>Male</u> | <u>Female</u> |
|--|-------------|---------------|
|--|-------------|---------------|

Engineers

Supervisors

Labours

Total nos. of accidents
(including Type A & B)

Disabling injuries

Non – disabling injuries

(Signature & stamp of Contractor)

cc: Engineer – Incharge

cc: Safety officer, UCIL (MILL)

SPECIAL CONDITIONS

1. In some cases, if felt necessary by UCIL the contractor may be asked to work on Sundays / Holidays or round the clock. In such cases, no extra claim about item rates shall be entertained
2. All Tools and tackles , raw material reagents and sampling apparatus with PPE for sampling crew shall be arranged by Contractor only .
3. **Scope of supply of UCIL - free of cost:**
 - Power connection near by the stack will be provided free of cost by UCIL for sampling job only.
 - Water, lighting as per availability.
4. Tenderer should clearly mention in his offer if any other facilities that are not covered under special conditions at SL. No 3 but are desired from UCIL on chargeable basis / free of cost basis. But final decision will rest with UCIL only for such additional facilities.
5. The contractor will submit detail list of equipments / apparatus to be brought inside premises of Tmpl unit by them for executing this job.
6. The contractor shall submit details like name , post / designation, Proof of Identity , Proof of insurance and contact number etc of the sampling crew to be deputed at the site
7. **Safety & security of UCIL' materials:** Tenderer will be responsible for equipments and persons working around UCIL stacks for any damage / accident during sampling job. .
8. Variation in quantity of items mentioned under scope of work: - The quantities mentioned against individual items are tentative. The actual quantities may vary from those indicated in the tender documents due to actual working conditions of the site or due to other reasons. The contractor shall carry out all works up to total variations of $\pm 10\%$ on the contract sum or work order value and all tendered rates shall remain firm within this limit. Any individual item may vary to any extent & be excluded altogether.
9. UCIL's safety Rules & Regulation for contractor's employees as given in the Annexure- B will be complied strictly during the execution of various works at site. Contractor shall arrange for req. safety appliance their own & ensure the use of it during the work at site.
10. If the work site is required to be suspended for some days / short period because of non-availability of shutdown or any other reason, you may close the site temporarily under written intimation to Engineer – in – charge, without claiming any charges for such idle period. Three

days prior notice will be given in advance to you for resumption of work at site & for which you will have to furnish the name, address & telephone no etc. of concerned men intimating him under such circumstances. However no claim against any idling of your site crew / staff etc. will be entertained.

11. The corporation will not provide any accommodation for your staff / labourers **deployed** at site.
12. **The** contractor shall have to provide the facilities under the provision of Contract Labour (Regulation and Abolition) Act, 1970 – Section – 16, 17, 18 and 19, Chapter -V, Welfare and Health of Contract Labour.”
13. **Commencement** of work by the Contractor can be affected before execution of agreement but after issue of work order / letter of intent and fulfilling of statutory requirements of Insurance by the contractor. Contract Agreement should be executed well within one month from the date of issue of work order / L.O.I. However, no payment will be made without execution of contract agreement.
14. Insurance: - The contractor shall ensure & maintain insurance against his liability for **accident** or injury to workmen & shall from time to time when so required by the Engineer produce this policy & the receipts of premiums paid or satisfactory evidence of insurance cover. Any such policy shall also indemnify UCIL against any claim raised by the injured/ affected workmen or his family.

Scope of work

1) Quarterly Stack monitoring and analysis of stack emission and reporting the following parameters in quadruplicate copies all signed and stamped by competent authority .

- | | | |
|------|-----------------------------|------------------------|
| I. | Velocity of gas emission | in m/sec |
| II. | Temperature of stack gas | in °C |
| III. | Flow rate of stack emission | in Nm ³ /hr |

Concentration of Pollutants

- | | | |
|-----|------------------------------------|-----------------------|
| i | Particulate matter (SPM) | in mg/Nm ³ |
| ii | Sulphur Dioxide (SO ₂) | -do- |
| iii | Nitrogen Oxides (NOX) | -do- |
| iv | Carbon Monoxide (CO) | -do- |

2) The rate shall be quoted per stack per visit per sampling.

3) The rate quoted shall include cost of providing consumables, labours, taxes, levies boarding and lodging, transportation, etc.

4) .The work shall be carried out quarterly during our normal working hours (8.00 am to 5.00 pm) on working days except Sundays and holidays. Date of visit shall be intimated one week in advance by the contractor.

5) Minimum number of stack to be monitored per month will be 5(five).

6) The Laboratory must be approved by State or Central Pollution Control Board

7) Analysis Report shall be submitted in quadruplicate within two weeks from the date of monitoring survey.

8) All tools / tackles etc. required for the survey should be brought by the contractor. However, electrical power required will be supplied by UCIL, free of cost, as and when required.

9) **Period of Contact:**

The period of contract will be for a period of two years with provision for extension for a further period of six months under same terms & conditions.

10) The sampling , monitoring and analysing stacks will be done on quarterly basis during a contract period of 2 (Two) years. re will be

9) **Payment of Bills:**

On completion of each lot of sampling, analysis and submission of report against invoice, duly certified by the company officials, subject to deduction of Tax at source as applicable.

Schedule of Items and Their Tentative quantities

| Sl No | Location | Name of Stack | Nos of Stacks to be monitored & analyzed Quarterly | Parameters to be monitored and analyzed each time | Protocol | Total nos of samplings to be conducted in 2 (Two) year contract period |
|-------|-----------------|-----------------------------------|--|--|----------|---|
| 1 | Boiler house | Stack for Boilers | 1 | Particulate matters /SO ₂ /NO ₂ / CO/CO ₂ /O ₂ /Velocity / Temp/ Pr./ Volumetric Flow | CPCB | 8 (Eight) [=1 x 4 x2] |
| 2 | MRS area | Stack for DG sets | 3 | Particulate matters /SO ₂ /NO ₂ / CO/CO ₂ / O ₂ /Velocity / Temp/ Pr./ Volumetric Flow | CPCB | 24 (Twenty Four) [=3x 4 x2] |
| 3 | UCTL-1 & UCTL-2 | Stack for Dust Extraction systems | 9 | Particulate matters/ O ₂ / Velocity / Temp/ Pr./ Volumetric Flow | CPCB | 72 (Seventy Two) [=9 x 4 x2] |

PRICE FORMAT

| Sl No | Name of Stack | Total Nos of sampling etc. to be done in two years contract period | Item Rate for each sampling, monitoring analysing and submission of report in quadruplicate inclusive of service tax In Rs | | Total cost of sampling etc job for the relevant stack | Pl mention % of service tax considered in offered item rates |
|-------|---|--|---|--------------------|---|--|
| | | | Item Rate in Figures | Item Rate in words | | |
| a | b | c | d | | E= c x d | |
| 1 | Stack for Boilers | 8 | | | | |
| 2 | Stack for DG sets | 24 | | | | |
| 3 | Stack for Dust Extraction systems in UCTL-1 and UCTL-2 areas | 72 | | | | |
| 4 | Total value of all sampling monitoring , analysis with submission of reports in quadruplicate copies for all stacks for two years contract period | | | | Rs | |
| | | | | | Rupees | |

LIST OF DOCUMENTS TO BE SUBMITTED ALONG WITH TENDER/BID

1. Covering Letter.
2. EMD.
3. Details of Bidder / Tenderer.
4. Documents in support of Prequalification Criteria.
5. Duly sealed and signed NIT Tender document.
6. List of Deviations from terms and conditions of NIT.
7. DD against cost of Tender document if downloaded from UCIL website.

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