



भारत सरकार / **GOVERNMENT OF INDIA**  
परमाणु ऊर्जा विभाग / **DEPARTMENT OF ATOMIC ENERGY**  
नाभिकीय ईंधन सम्मिश्र / **NUCLEAR FUEL COMPLEX**  
जिर्कोनियम स्पंज संयंत्र / **ZIRCONIUM SPONGE PLANT**

ई सी इ एल डाक / E.C.I.L (P.O)  
हैदराबाद / HYDERABAD - 500 062

**NOTICE INVITING TENDER**

**TENDER NOTICE No. NFC/ZSP/19-20/PC-02**

**Date: 07-06-2019**

To  
M/s.

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Dear Sir,

On behalf of the President of India, sealed item rated tenders are invited from competent and well experienced contractors for the following work on works contract basis.

|    |                       |  |
|----|-----------------------|--|
| 1. | Name of Work          | <b>Discharge of Zirconium tetra chloride from the Chlorinator Condensers in Chlorination Section, ZSP</b>  |
| 2. | Scope                 | 1. Discharge of $ZrCl_4$ from Primary Condensers (PC), Secondary Condensers (SC), Tertiary Condensers (TC) and Quaternary Condensers (QC) of Oxide Chlorinator-1,2,3 & Water Cooled Scrap Reactor (WSR).<br>2. Detailed Scope of Work is given in Annexure-I.<br>3. At least one Skilled Supervisor and Four Semi-Skilled labor shall be engaged for carrying out the discharge work.<br>4. The work has to be carried out in first and second shifts on all days including Sundays, Second Mondays and Public holidays. |
| 3. | Duration of Contract  | 18 months  |
| 4. | Estimated Cost        | <b>Rs. 22,32,300/-</b> (Rupees twenty two lakh Thirty two Thousand two hundred and sixty five only) (Inclusive of GST & Exclusive of ESI & EPF)  |
| 5. | Earnest Money Deposit | <b>Rs. 44,650/-</b> (Rupees Forty Four Thousand Six Hundred Fifty only). Note: EMD in the form of Fixed Deposit Receipt / crossed demand draft drawn in favor of "Pay and Accounts Officer, NFC" payable at Hyderabad shall be submitted. Offers without EMD will be summarily rejected. DD to be submitted towards EMD shall be drawn after the date of release of NIT to ensure that it is valid for entire period.  |

|    |                                    |  |
|----|------------------------------------|--|
| 6. | Issue of tender document           | From 07.06.2019 to 17.06.2019  |
| 7. | Last date for submission of tender | 22.06.2019 up to 14:00 hrs   |
| 8. | Date of opening the sealed tenders | On 22.06.2019 at 14:30 hrs   |
| 9. | Cost of tender document            | Rs. 500/- (non-refundable)<br>(Demand draft or banker's cheque payable at Hyderabad drawn in favor of "Pay & Accounts Officer, NFC") |

Name & A/c No. of the contractor may be written at the backside of DD submitted towards EMD and the DD to be submitted shall be drawn only after the publication of NIT to ensure that it is valid for entire offer period.

Quotations are to be submitted strictly in the format enclosed. Tender and EMD shall be placed in two separate envelopes clearly indicating tender No. and each marked as TENDER & EMD respectively. Both the envelopes shall be submitted together in another sealed envelope super scribing Tender No. & description of work along with due date and time of submission on the outer cover.

Your offers shall be deposited in the tender box kept for the purpose at North Gate, Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, on or before 22.06.2019 up to 14:00 hours. Tenders will be opened on the same day (22.06.2019) at 14:30 hrs at Works Section, III floor, Aadhar Building, NFC. Late/delayed tenders and tenders not accompanied by EMD shall not be considered.

Tender documents issued to the contractor is non-transferable

**GM, ZSP**  
**For & on behalf of the President of India**

Note:

NFC is committed to a corruption free work environment. "All the purchase and contracts commitments of NFC will be honored without the citizen having to pay any bribe". "In case any person demands any bribe, it is the duty of a responsible citizen to inform the matter to the Vigilance Officer, NFC, Hyderabad". Telephone No. 040-27122181 & 040-27184314 (Office) and 040-27137012 (Residence). Email: vo@nfc.gov.in

**Documents to be submitted for obtaining Tender form:**

1. Experience Certificate/ Work Completion Certificate in similar works like handling of Toxic chemicals/ Pyrophoric materials, having successfully completed works during last seven years ending previous day of last date of submission of tender.  
Eligibility Criteria:  
One similar work not less than 80% of Estimated cost (OR)  
Two similar works each of value not less than 60% of Estimated cost (OR)  
Three similar works each of value not less than 40% of Estimated cost  
The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of receipt of applications for bids.
2. Contractor shall submit Latest Solvency certificate from any scheduled bank of value not less than 40% of estimated cost unless otherwise indicated in NIT.
3. Average annual financial turnover should be at least 100% of the estimated cost i.e., Rs 22,32,300/- during the immediate last 3 consecutive financial years.
4. Company Registration Certificate (Xerox) & Renewal Certificate of Company (Xerox)
5. GST Registration Details (Xerox)
6. PAN Card (Xerox)
7. Last 3 Years Income Tax Returns (Xerox)
8. ESI & EPF Registration copy (Xerox)

**Terms and Conditions of NIT No: NFC/ZSP/19-20/PC-02**

1. The contractor will be completely responsible for the job. The contractor shall deploy sufficient man power required for completion of the work. The work should be done under the supervision of the contractor's supervisor who shall fully be responsible for carrying out the jobs safely. The supervisor should have minimum qualification of diploma pass/B. Sc pass. Authorization shall be furnished in writing. The contractor shall deploy only those qualified man power who have prior experience in the works as brought out in the scope of work.
2. No child labour should be engaged for contract work (Less than 18 years). The contractor labour shall be / below 60 years for Skilled & Semi-Skilled, shall be / below 50 years for Un-Skilled and shall be / below 65 years for Highly Skilled categories.
3. Contract labor are to be engaged in first and second shifts on all days including Sundays, Second Mondays and Public Holidays.
4. The workers engaged by the contractor should wear uniform which is distinct from NFC uniform. Safety shoes, helmets and other PPE as required for the job are to be provided by the contractor for all the workers engaged by him and ensure its usage. Hand gloves and Chemical masks will be issued to the contractor laborers by the

Department. The contractor has to ensure safe working practices and follow all safety rules and regulations stipulated by SED, NFC from time to time.

5. The Contractor must follow all Labour Laws such as Contractor (Regulation & Abolition Act), Payment of Wages Act, EPF & MP Act, ESI Act, Payment of Bonus Act, Employees Compensation Act etc. NFC reserves right to ask Contractor to furnish proofs /documentary evidence for following the above laws. Clarifications on statutory provisions if any, may be sought from Welfare Officer, NFC, Hyderabad on 040-27183059 or [wo@nfc.gov.in](mailto:wo@nfc.gov.in) on any working day during office hours.
6. Semi-skilled labor should be at least Class X Failed.
7. Wages are to be paid as per Minimum Wages Act, notified by RLC (C)/ by State Government of Telangana which ever is higher from time to time.
8. **The Contractor shall submit an undertaking that he would make payment of minimum wages to the workers engaged by him in the work from time to time along with quotation itself.**
9. Earnest Money Deposit at the rate of 2% of estimated cost put to tender shall be submitted along with tender in the form of Fixed Deposit Receipt / crossed demand draft drawn in favor of "Pay and Accounts Officer, NFC" payable at Hyderabad. Offers without EMD will be summarily rejected.
10. Certificate from Officer-in-charge at NFC regarding payment of minimum wages to the contract labour is to be enclosed along with the claim.
11. The contractor shall produce necessary police verification certificates from the local police station for the manpower being engaged for the purpose.
12. Valid Medical fitness certificate from at least an MBBS doctor for the workers engaged shall be submitted. The contractor shall ensure that all his labour who are engaged in work are covered under ESI and EPF. Proof of the same shall be produced before start of the work.
13. The quoted value shall be **exclusive of ESI, EPF and inclusive of GST and any other mandatory duties and levies of the Government**. The bills will be released against submission of documentary evidence towards payment of ESI, EPF to the concerned authorities.
14. The contractor shall provide the registration details of Income Tax, ESI, EPF, GST etc. while collecting tender document and copies of the same shall be submitted along with tender document.
15. Performance Guarantee @ 5% of Work Order value shall be submitted within 15 days from the date of issue of letter of acceptance in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee. (Extension of time for submission of Performance guarantee at the request of contractor shall be charged @0.1% per day of performance guarantee amount, to a maximum of 15 days.
16. In case of non-submission of Performance Guarantee within prescribed/extended time, the Earnest Money Deposit submitted will be forfeited.

17. Security Deposit @ 2.5% of the Work Order Value shall be recovered from Running Account bills. The Security Deposit amount recovered shall be released after Three (3) months from the date of completion of entire work, or after payment of final bill, whichever is later.
18. Income tax and GST as applicable at source shall be deducted from the payments made. **Non-submission of PAN or incorrect PAN No. attracts Income tax @20% on the Gross bill.** Contractor shall furnish his PAN No. and bank details along with a Xerox copy of the same duly countersigned by him.
19. Payment for the work done by the contractor shall be made based on the work done by contractor which was accepted and measured by the Officer in charge, duly approved by the Competent authority.
20. Offers received will be evaluated based on the total cost quoted exclusive of ESI, EPF and inclusive of GST.
21. The offer should be kept valid for a period of three months from the date of opening of tender.
22. Incomplete and conditional tenders shall be rejected. However unconditional rebates are acceptable.
23. Contractors shall quote the rates both in words and figures.
24. In case there is a variation between the rates in figures and words, the rate which corresponds to amount worked out by the contractor shall be taken as correct.
25. When the amount of an item is not worked out by the contractor, or if it does not correspond with the rates written either in figures or in words, then the rate quoted by the contractor in words shall be taken as correct.
26. When the rate quoted by the contractor, in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the contractor shall be taken as correct and not the amount.
27. Contractor shall sign each page of the tender document along with the Schedule of quantities & Rates.
28. In case the contractor fails to commence the work specified in the tender document within the prescribed time schedule, then the Government shall without prejudice to any other right or remedy be at liberty to forfeit whole EMD absolutely.
29. The contractor shall ensure that labour deployed for the contract would confine themselves to their respective places of work and not indulge in activities that would be harmful to NFC.
30. NFC reserves right to accept or reject any quotation, either completely or partly, without giving any reasons.
31. If on acceptance of the tender, owing to the circumstances if the scope of the work remains altered, reduced or abandoned for any reason NFC shall give a notice in

writing to that effect to the contractor who shall act accordingly. Also, if the workmanship is not satisfactory, the contract shall be cancelled.

32. Before quoting, the contractor may visit NFC for assessment of work with prior permission of GM (ZSP)/ AGM (ZSP)/ Manager (ZSP). He may contact at phone No. 040 2718 4071/ 040 2718 4395/ 040 2718 4476/ 040 2718 4662.
33. If the contractor fails to execute the work completely, then the Government shall without prejudice to any other right or remedy be at liberty to forfeit whole Security Deposit and Performance Bank Guarantee absolutely.
34. The quoted rate shall not be less than the minimum wage fixed/ notified by the State Government - where the service is performed and shall include all Statutory obligations. However, bids without any element of cost over and above such minimum wage (or below it) shall be treated as 'Nil' price quotation and would be rejected. The contractor shall be liable for all kinds of dues payable in respect of all personnel provided under the Contract and NFC shall not be liable for any dues for availing the services of the personnel. The Contractor should ensure that persons to be deployed are not alcoholic, drug addict and not indulge in any activity prejudicial to the interest of the NFC. The contractor shall ensure to get the Police Verification for all the manpower deployed by them and the Contractor should ensure that the manpower deputed should bear good moral character.

### **35. PENALTY CLAUSE FOR NON-COMPLIANCE / DEVIATION OF THE CONDITIONS OF THE CONTRACT**

#### **SAFETY COMPLIANCE :**

To be followed by all Contract workers and Supervisor

- i. All contract workers and Supervisor should always wear PPE's like Safety Shoes, 3M Air Respirators, gloves, helmets, goggles, uniforms etc.,
- ii. Attend Safety Training
- iii. Always Wear Uniform
- iv. Should restrict themselves to concerned area only.
- v. Follow work - specific do's and don'ts given by Engineer In-charge

Any deviation of the above by any of the contact work men /Supervisor will attract the following penalty:

| <b>Safety - Non compliance</b> | <b>Penalty</b>            |
|--------------------------------|---------------------------|
| Once/month                     | Oral warning              |
| Twice /month                   | 0.50% of the monthly bill |
| 2-5 /month                     | 2.0 % of the monthly bill |
| > 5/month                      | 10.0% of the monthly bill |
| > 8/month                      | Short closing of order    |

**Contractor (Sign with Seal)**

**CHECK LIST FOR THE CONTRACTOR**

|        |  |                |         |              |            |
|--------|--|----------------|---------|--------------|------------|
| Sl.No. | General Details  |                |         |              |            |
| 1.     | Name of the Organization   |                |         |              |            |
| 2.     | Address  |                |         |              |            |
| 3.     | Telephone Nos.   |                |         |              |            |
| 4.     | Fax No.  |                |         |              |            |
| 5.     | E-Mail Address   |                |         |              |            |
| 6.     | LIN Number issued by RLC/ ALC  |                |         |              |            |
| 7.     | Annual Turn over of Previous Financial Year  |                |         |              |            |
| 8.     | SSI / Factory / Contractor's Registration No.  |                |         |              |            |
| 9.     | Brief Description of Experience  |                |         |              |            |
| 10.    | AADHAR No.   |                |         |              |            |
| 11.    | GST Registration No.   |                |         |              |            |
| 12.    | PAN No.  |                |         |              |            |
| 13.    | ESI Registration No.   |                |         |              |            |
| 14.    | EPF Registration No.   |                |         |              |            |
| 15.    | Bank Account No.   |                |         |              |            |
| 16.    | Name of the Bank   |                |         |              |            |
| 17.    | IFSC Code  |                |         |              |            |
| 18.    | No. of Employees   | Highly Skilled | Skilled | Semi-Skilled | Un-Skilled |
|        |  |                |         |              |            |
| 19.    | Previous Work Orders executed at NFC (Reference Nos.)  |                |         |              |            |
| 20.    | Brief Description of Work: <b>Discharge of Zirconium tetra chloride from the Chlorinator Condensers in Chlorination Section, ZSP</b> |                |         |              |            |
| 21.    | Tender No. : <b>NFC/ZSP/19-20/PC-02</b>  |                |         |              |            |
| 22.    | Total Amount Quoted  |                |         |              |            |
| 23.    | No. of labors proposed to be employed in this Work   | Highly Skilled | Skilled | Semi-Skilled | Un-Skilled |
|        |  |                |         |              |            |
|        | Supervisors:   |                |         |              |            |
| 24.    | Qualifications and Experience of Supervisor  |                |         |              |            |
| 25.    | Details of Machinery/ tools proposed to be deployed for the work   |                |         |              |            |
| 26.    | GST Rate Considered for the Work   |                |         |              |            |
| 27.    | Any Other Information  |                |         |              |            |

**Verified the above details**

**Engineer In-Charge**

**Contractor (Sign with Seal)**

**SCOPE OF THE WORK:**

The Scope of the work includes:

1. Discharge of Zirconium tetra chloride ( $ZrCl_4$ ) from Primary Condenser (PC) and Secondary Condenser (SC) of each of the two Oxide Chlorinators (OCs) when the cumulative input of Zirconium oxide briquettes is 3.5 to 5.0 MT.
2. Discharge of  $ZrCl_4$  from Primary Condenser (PC) and Secondary Condenser (SC) of Water Cooled Scrap Reactor (WSR) when the cumulative input of Zircaloy scrap is 3 to 4 MT.
3. Discharge of  $ZrCl_4$  from Tertiary Condenser (TC) of OCs and WSR thrice in a month.
4. Discharge of  $ZrCl_4$  from Quaternary Condenser (QC) of OCs and WSR once in two months.
5. Water Washing of Discharge Valves after completion of discharge.
6. Covering of cans filled with  $ZrCl_4$  with the help of cover provided by NFC.

Note:

- Discharge operations shall be carried out during first as well as second shifts on all days including Sundays, Second Mondays and Public holidays..
- At least one Skilled Supervisor (Qualification of min. Diploma pass/ B.Sc. pass) and Four Semi-Skilled labor (Qualification of at least X Failed) shall be engaged for carrying out the discharge work.
- The above work will be done under continuous supervision of Contractor's Supervisor. Plant supervisor shall also be available to monitor the work.
- The schedule of discharge shall be given before one day and the availability of labor shall be ensured accordingly.
- Persons with respiratory problems/ skin problem shall be engaged for the work.
- Contractor shall provide Safety Shoes, Helmets and 2 Sets of Uniforms (distinct from NFC) to each labor.
- Hand gloves and Chemical Masks shall be provided by the Department.
- The acid generated during washing of valves should be collected in drums, neutralized using alkali solution and transferred to the neutralization pit available at Chlorination Section. Drums and alkali solution are in the Scope of Department.

CONTRACTOR  
(Sign with Seal)