

**Government of India**  
**Department of Atomic Energy**  
**Nuclear Fuel Complex**  
Zircaloy Fabrication Plant

NOTICE INVITING TENDER

No. NFC/ZFP/53/Cont/001/2017-18

Dt. 22.03.2018

To  
M/s.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

On behalf of the President of India, sealed item rated tenders are invited by SM (ZFP & NZFP) Nuclear Fuel Complex, Department of Atomic Energy, ECIL Post, Hyderabad –500 062 from competent and well experienced contractors for the following work on works contract basis.

- 1) Name of Work : Operation of pilgrimmills at FT -ZFP and providing assistance at 25 VMR and 50 VM pilgrmill at ZFP
- 2) Scope : (Placed Opposite)
- 3) Duration of Contract : 12 months
- 4) Estimated Cost : Rs. 23,63,000/- (Rupees Twenty three lakhs sixty three thousand only)
- 5) Earnest Money Deposit : Rs.47,300 /- (Rupees four seven thousand three hundred only).  
EMD in the form of Fixed Deposit Receipt / crossed demand draft drawn in favour of "Pay and Accounts Officer, NFC" payable at Hyderabad shall be submitted. Offers without EMD will be summarily rejected. Name & account of the contractor may be written at the back side of DD submitted towards EMD. **The DD to be submitted shall be drawn after the date of release of NIT to ensure that it is valid for entire offer period**
- 6) Issue of tender document : From 28.03.2018 to 06.04.2018 .
- 7) Last date for submission of tender : On 11.04.2018 up to 14.00 hours.
- 8) Date of opening the sealed tenders : On 11.04.2018 at 14.30 hours.
- 9) Cost of tender document : Rs 500/- ( Demand draft or banker's cheque payable at Hyderabad drawn in favour of "Pay & Accounts Officer, NFC". )

Quotations are to be submitted strictly as per 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 tender box kept for the purpose at Cabin of Stores , ZFP, Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, till 11.04.2018 up to 14.00 hours.

Tenders will be opened at Works Section, III floor, Aadhar Building, NFC. Late/delayed & tenders not accompanied by EMD shall not be considered.

(SM ,ZFP & NZFP)  
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

## Terms and Conditions of NIT No\_NFC/ZFP/53/Cont/001/2017-18

1. The contractor will be completely responsible for the job. The contractor shall deploy sufficient man power required for completion of the work. The contractor shall entrust and authorize a competent person as supervisor who shall fully be responsible for carrying out the jobs safely. 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.
3. Contact labour are to be engaged only in First I Shift & Second Shift and also on all holidays .
4. The workers engaged by the contractor should wear uniform which is distinct from NFC uniform. Safety shoes 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. 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. Payment of minimum wages, as circulated by RLC (C) Hyderabad to the labourers.
6. Wages are to be paid & revised as per Minimum Wages Act, notified by RLC (C) state of Telangana which ever is higher from time to time. **Offers shall not be less than the total of the minimum wages.**
7. The contractor shall make the payment to the labourers through their bank account only. Photo-copy of the transaction from contractor to individual labourer / deposit statement of laborer's bank pass book shall be required as documentary evidence. If there is no bank a/c of the labourer, the same must be opened; as payment evidence through bank only shall be accepted.
8. All the contract labourers engaged shall be covered by ESI & EPF compulsorily. The charges towards ESI, EPF has to be indicated separately. Payment towards ESI & EPF will be made after producing documentary evidence only.
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 favour 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 all other mandatory duties and levies of the Government.** The bills will be released against submission of documentary evidence towards payment of ESI, to the concerned authorities.
14. The contractor shall provide the registration details of Income Tax, Sales 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 15days from the date of issue of letter of acceptance in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee. Incase bank guarantee is furnished, it should be valid up to 12 months from the date of issue of the work order along with an additional claim period of six (06) months. (Extension of time for submission of Performance guarantee at the request of contractor shall be charged @0.1% per day of performance guarantee amount.

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. Contractor shall furnish his PAN No. and bank details along with a photo-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 EPF, ESI 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 within the prescribed time schedule as specified in the tender document, 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 AGM/Sr. Manager. He may contact at 3062/3259/4060 (phone nos.)
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. If the L-1 bidder quoted much lower than the estimated cost, then a Bank guarantee for the differential cost may be obtained from the L-1 bidder as per CVC guide lines.
35. The period of contract is for approximately one year from the date of commencement of work, however the quoted rate should be valid up to 24 months from the date of issue of work order.

**36. Eligibility Criteria :**

(i) The contractor should have prior experience in execution of similar works on zirconium material (such operations of pilgermills, rolling mill and cutting machines.) for a period of at least two years . Details and documental evidence (copy of work order and work completion certificate if any) of such works shall be submitted while collecting the tender documents and also along with the offer. The tender document will be issued to contractors only against submission of details of such works.

(ii) The contractor shall deploy only ITI certified technicians. for operation of mills , however for assistance at 25 VMR and 50 VM unskilled are acceptable. Documental evidence of ITI certification of the technicians shall be submitted before execution of the work.

(iii) Contractor should have executed at-least one similar work amounting to minimum 80% of estimated value or at-least two similar works of minimum 60% each of estimated value and three similar works each of value not less than 40% of the estimated cost in the period of last three financial years. Work order copies of same work must be submitted while applying for the tender.

(iv) The contractor shall deploy a diploma/ B.Tech qualified supervisor in each shift.

(v) The quantity tendered is likely to be completed in about one year, however NFC reserves the right to extend the contract for another one year under the same terms and conditions and the contractor should be willing to execute the extended contract also.

(v) The contractor shall provide the valid contractor's registration certificate, latest Income Tax returns, valid PAN details, ESI, EPF, GST etc. while collecting tender document and copies of the same shall be submitted along with offer. The tender document will be issued to contractors only against submission of these documents.

36.Acceptance criteria : The pilgered tubes shall have to conform with dimensional and visual requirements.

(Note : Tender document will be issued to the contractors who meet the eligibility criteria and submit the required documents).

**37. Penalty clause for non compliance/ deviation of the conditions of the contract :**

**1.Attendance compliance:** In order to engage contract workers in First, Second shifts, on all holidays(requirement will be informed on the previous day) and as a substitute for operators who are on leave and weekly off, the contractor need to have stand by operators with requisite approvals / permissions.

Non availability of the operators/ Supervisor resulting in loss of production will lead to penalty .

a. Worker : Total man shifts/ month = 184 (23 days/month\*8 workmen /day).

b. Supervisor: Total man shifts/ month = 46 (23 days/month\*2 /day).

Total = 230 man shifts /month

A minimum attendance of 90% of man shifts is essential. The attendance will be monitored

through labour entry permit system of NFC .

Attendance / month- Non compliance	Penalty as percentage of Monthly bill	
	Worker	Supervisor
90% and above	Nil	Nil
80% - 90 %	1.0 %	2%
70% - 80 %	3.0%	5.0%
< 70 %	10.0%	20.0%

**2. Safety compliance :**To be followed by all contract workmen and Supervisor

- a. All contract workers should always wear PPE's like safety shoes, ear plug and nose mask etc.
- b. Attend safety Training
- c. Always wear Uniform
- d. Should restrict them selves to concerned area only.
- e. Should not operate EOT cranes.
- F. Follow work - specific do's and don'ts

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	50.0% of the monthly bill

**3. Quality compliance: For HPTR mills**

- a. Check OD, wall thickness and ID and OD visual and record the same in the machine log book twice in a shift
- b. Check ID and OD visual and record the same in the machine log book twice in a shift
- c. Visual Checking of the cone and record the same in the machine log book once in a shift
- d. Monitoring tube to send at the beginning of the shift once in a shift.

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

<b>Quality -Non compliance</b>	<b>Penalty</b>
Once/month	Oral warning
Twice /month	0.25% of the monthly bill
>Twice /month	1.0% of the monthly bill
>5 /month	25.0% of the monthly bill

**4. Penalty for attrition of the labour after the training period during the period of contract**

<b>Non compliance</b>	<b>Penalty</b>
Once/month	NIL
Twice /month	1.0 % of the monthly bill/person

B.Chandra shekar  
Sr.Manager ,(FT- ZFP & NZFP)

## Schedule of work

Dt. 22.03.2018

Sub: Operation of pilgermills at FT -ZFP and providing assistance at 25 VMR and 50 VM pilgermill at ZFP– Reg.

Ref:: . Our Tender No NFC/ZFP/53/Cont/001/2017-18

SI No.	Description of Item	Unit	Quantity
1	Operation of HPTR pilger mills at ZFP for reducing tubes of In going tube of diameter 7 mm to 17 mm and Cutting outgoing tubes to specified lengths.	meter	90,000 m(approx.) of ingoing tube length.
2	Assistance at 50VM and 25VMR pilgermill - Loading, unloading and cutting of pilgered tubes on portable band saw machine, sizes ranging from dia. 28 mm to dia. 13 mm.  Monitoring/Supervision of execution of above operations and safety of operators.	meter	i)26-28 mm dia-64,000.  ii)13-17 mm dia-1,20,000.

### Note:

1. Work is required to be carried out in ZFP and the work shall be completed in a period of approx. 12 months (282 working days).
2. All safety precautions as prescribed have to be followed while carrying out the job. Shoes and uniform (distinct from NFC) to be provided by contractor.
3. The contractor shall provide sufficient no. of skilled laborers' in I shift & in II Shift daily to carry out the above jobs and one qualified supervisor in each shift daily. basis
4. The contractor before bidding may visit the site ( to have proper understanding of the work). The contractor shall contact Shri D.Rajendra , SO/E, ZFP with prior intimation at Ph: 040- 2718 3259/ 3062 or mail at [drajendra@nfc.gov.in](mailto:drajendra@nfc.gov.in)
5. Payment will be made based as per the actual work completed successfully. Contractor / Supervisor of contractor shall be present at the workplace compulsorily to ensure safety .
6. In order to ensure safe working practices, carry out precise parameter setting and produce quality product, the maximum work out put of a skilled operator is:
  - Pilgering: 80mts./ per person/ per shift of ingoing tube length.The bidders may note this Standard Operating Rates (SOR) and ensure that the labor employed are not overloaded beyond this work output. Offers quoting more than maximum permissible quantity per person/ shift, will be rejected.
7. All safety precautions as specified by Safety Engineering Division, NFC have to be followed while carrying out the job.
8. Contractor must go through all the terms in NIT and strictly adhere to it.

B.Chandra shekar  
SM (ZFP & NZFP)  
For & On Behalf of President of India

From,  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

To:  
Manager , ZFP & NZFP  
Nuclear Fuel Complex  
ECIL ((PO)  
Hyderabad-500062

QUOTATION

Sub: Operation of pilgermills at FT -ZFP and providing assistance at 25 VMR  
and 50 VM pilgermill at ZFP- Reg

Ref: NFC/ZFP/53/Cont/001/2017-18

Dear Sir,

In response to your Notice Inviting Tenders, we hereby submit our quotation for carrying out the following works.

Sl No.	Description of Item	Unit	Quantity	Unit Rate in figures & words	Total
1	Operation of HPTR pilger mills at ZFP for reducing tubes of In going tube of diameter 7 mm to 17 mm and Cutting outgoing tubes to specified lengths.	meter	90,000 m(approx.) of ingoing tube length (approx.)	Rs. Rupees	Rs
2	Assistance at 50VM and 25VMR pilgermill - Loading, unloading and cutting of pilgered tubes on portable band saw machine, sizes ranging from dia. 28 mm to dia. 13 mm.  Monitoring/Supervision of execution of above operations and safety of operators.	meter	i)26-28 mm dia-64,000.	Rs.	Rs
			ii)13-17 mm dia-1,20,000.	Rupees Rs Rupees	Rs
7	Grand total				

(Rupees.....only).

Note: Above quoted rate is exclusive of ESI,EPF and inclusive of GST  
Thanking you,

Name: \_\_\_\_\_

PAN No. \_\_\_\_\_

Bank Account No. \_\_\_\_\_

IFSC Code: \_\_\_\_\_

Name of the bank: \_\_\_\_\_

Name of branch: \_\_\_\_\_

GST No: \_\_\_\_\_

Aadhar No \_\_\_\_\_

Yours faith fully

Contractor

(Sign with seal)

tender document issued to M/S \_\_\_\_\_  
on receipt of Rs 500/-  
vide DD No. \_\_\_\_\_ dt \_\_\_\_\_  
towards cost of tender document  
  
Signature of IOC

