

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

NOTICE INVITING TENDER

Tender No. NFC/NZFP/49/Cont/01/2017

Dt. 28.02.2018

To
M/s.

Dear Sir,

On behalf of the President of India, sealed item rated tenders are invited by competent authority 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 : Pilgering, Straightening, Deburring, End facing, cutting and Monitoring of PHWR fuel tubes at NZFP.
- 2) Scope : (As per annexure)
- 3) Duration of Contract : 12 months
- 4) Estimated Cost : Rs. 43,90,000/- (Rupees Fourty three lakhs ninety thousand only)
- 5) Earnest Money Deposit : Rs.87,800/- (Rupees eighty seven thousand eight 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 no. 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.**
- 6) Issue of tender document : From 13.03.2018 to 22.03.2018
- 7) pre-bid conference meeting : on 24.03.2018 (at NZFP conference room)
- 8) Last date for submission of tender : On 27.03.2018 up to 14.00 hours.
- 9) Date of opening the sealed tenders : On 27.03.2018 at 14.30 hours.
- 10) 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 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 tender box kept for the purpose at Cabin of Shri Utpal Singha, NZFP, Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, on 27.03.2018 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.

(Sr Mgr,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/NZFP/49/Cont/01/2017**

1. The contractor will be completely responsible for the job. The contractor shall deploy sufficient no. of skilled man power required in first and second shifts for completion of the work. The contractor shall authorize a competent person as supervisor (min B.sc/Btech/Diploma) 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 powers who have prior experience in the works as brought out in the scope of work.
2. No child labour should be engaged.
3. Contract labour are to be engaged only in first Shift and second shift, including holidays (if required).
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 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 government of Telangana whichever 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 & all 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 15days from the date of issue of letter of acceptance in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee. In case bank guarantee is furnished,

it should be valid up to 14 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 GM/DGM/Sr. Manager. He may be contacted at 040-2718 3036/4909/3392/3193 (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. Eligibility Criteria :

(i) The contractor should have prior experience in execution of similar works (operations like cutting, turning, facing, parting etc.) for a period of at least one 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. 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 mounting to minimum 80% of estimated value or at-least two similar works of minimum 60% each of estimated value or three similar works each of value not less than 40% of estimated value.in the period of last seven financial years. Work order copies of same work must be submitted while applying for the tender.

(iv) The contractor shall provide the valid contractor's registration certificate, latest Income Tax returns, valid PAN details, ESI, EPF, GST registration details 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.

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

36. Pre bid conference meeting will be conducted at NZFP conference room on 13.02.2018. All the prospective bidders are requested to attend the same.

Scope of works

Ref: NFC/NZFP/49/Cont/01/2017

Sub: Pilgering, Straightening, Deburring, End Facing, Cutting & monitoring of PHWR Fuel tubes at NZFP - reg.

Sl No.	Description of Item	Unit	Quantity
1	Operation of HPTR pilger mills at NZFP for reducing tubes of (i) 17 mm dia. X 1mm WT to 15.2mm dia. X 0.4mm WT (ii) 14.6 mm dia. X 0.9 mm WT to 13.08 mm dia. X 0.4mm WT Also Cutting outgoing tubes to specified lengths.	Mtrs.	2,13,750 meters (approx.)
2	Operation of straightening machines for straightening of tubes of sizes ranging from dia. 41 mm to 13.08 mm.	No of tubes	85,500 Tubes (approx.)
3	Operation of Deburring machines for following sizes of tubes 15.2 mm X 0.4 mm WT 13.08 mm dia X 0.4 mm WT	No of tubes	5,70,000 Tubes (approx.)
4	End facing of tubes (both sides) on lathe machines for sizes ranging from dia. 28 mm to dia. 13.08 mm.	No of tubes	1,02600 Tubes (approx.)
5	Loading, unloading and cutting of tubes on band saw machine sizes ranging from dia. 41 mm to dia. 26 mm.	No of tubes	7,980 Tubes (approx.)
6	Monitoring of OD & ID of tubes in process	No of tubes	5,70,000 Tubes (approx.)
7	Monitoring of execution of above operations	No. of operations per day	3420 Operations (Sl No. 1 to 6)

Note:

1. Work is required to be carried out in NZFP/ZFP and the work shall be completed in a period of approx. 12 months (285 working days).
2. Payment shall be made based on specified work completed successfully & effectively. Contractor / Supervisor of contractor shall be present at the workplace compulsorily to ensure safety & effective work.
3. In order to ensure safe working practices, carry out precise parameter setting and produce quality product, the maximum work output of a skilled operator is:

- Pilgering: 250mts./ per person/ per shift
- Straightening : 150 tubes / per person/ per shift
- Deburring: 1000 tubes / per person/ per shift
- End facing: 120 tubes / per person/ per shift
- Band saw cutting: 14 tubes / per person/ per shift.
- Monitoring of OD & ID of tubes in process: 500 tubes / per person/ per shift

The bidders may note this Standard Operating Rates (SOR) and ensure that the labors employed are not overloaded beyond this work output. Offers quoting more than maximum permissible quantity per person/ shift shall be rejected.

4. All safety precautions as specified by Safety Engineering Division, NFC have to be followed while carrying out the job.
5. Contract shall be awarded to the cumulative lowest bidder.
6. Operation of HPTR pilger mill at NZFP involves loading the ingoing tube into the HPTR pilger mill, followed by operation of pilger mill and then Outgoing tube obtained has to be cut to specified lengths.
7. Operation of straightening machine involves loading the lot and spreading the tubes on the charging table followed by operation of straightening machine.
8. Operation of deburring machine involves loading cut tubes from boxes on the machine followed by operation of deburring machine and then putting the deburred cut tubes into the outgoing cut tube boxes.
9. Endfacing is carried out on baby lathes and involves loading the lot and spreading tubes on charging table and the operation of baby lathe to carry out enfacing on both sides of the tube.
10. Cutting of tubes on band saw involves loading long length tubes in to the ingoing table of band saw, followed by operation of band saw for cutting of tubes to specified lengths and then unloading and tying of tubes together.
11. Monitoring of OD &ID of tubes in process involves loading the lot and spreading the tubes on the table, followed by monitoring of OD and ID of each tube and then tying all the tubes together.

SM (FT-ZFP&NZFP)
For & On Behalf of President of India

From,

To:

Sr. Manager , ZFP & NZFP
Nuclear Fuel Complex
ECIL ((PO)
Hyderabad-500062

QUOTATION

Sub: Pilgering, Straightening, Deburring, End facing, cutting and monitoring of PHWR fuel tubes at NZFP -reg.
Ref: NFC/NZFP/49/Cont/01/2017

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	Total
1	Operation of HPTR pilger mills at NZFP for reducing tubes of (i) 17 mm dia. X 1mm WT to 15.2mm dia. X 0.4mm WT (ii) 14.6 mm dia. X 0.9 mm WT to 13.08 mm dia. X 0.4mm WT Also Cutting outgoing tubes to specified lengths.	Mtrs.	2,13,750		
2	Operation of straightening machines for straightening of tubes of sizes ranging from dia. 41 mm to 13.08 mm.	Nos.	85,500 Tubes (approx.)		
3	Operation of Deburring machines for following sizes of tubes 15.2 mm X 0.4 mm WT 13.08 mm dia X 0.4 mm WT	Nos.	5,70,000 Tubes (approx.)		
4	End facing of tubes (both sides) on lathe machines for sizes ranging from dia. 28 mm to dia. 13.08 mm.	Nos.	1,02,600 Tubes (approx.)		
5	Loading, unloading and cutting of tubes on band saw machine sizes ranging from dia. 41 mm to dia. 26 mm.	Nos.	7,980 Tubes (approx.)		
6	Monitoring of OD & ID of tubes in process	Nos.	5,70,000 Tubes (approx.)		
7	Monitoring of execution of above operations	No. of operations	6 Operations		
	Grand total				

(Rupees _____ only).

Note: The above quoted value shall be exclusive of ESI, EPF and inclusive of GST.

Bank details

Name: _____

PAN No. _____

Bank Account No. _____

IFSC Code: _____

Name of the bank: _____

Name of branch: _____

GST NO. _____

Yours faithfully,

CONTRACTOR
(Sign with Seal)

Tender document issued to M/S _____ on receipt of Rs. 500/- vide DD no. _____ Dtd: _____ towards cost of tender document

(sign of OIC)

