

Government of India
Department of Atomic Energy
Nuclear Fuel Complex
MF-BB-P (58)

NOTICE INVITING TENDER

Tender No: NFC/MF/58/2017/02

Date:18/08/2017

To
M/s.

Dear Sir,

On behalf of the President of India, sealed item rated tenders are invited by Competent authority of, 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** : Repair, servicing, maintenance and monitoring of ventilation blowers of different capacity and cooling water pumps operating at NUOFP (O&P) as per schedule of quantities.
- 2) SCOPE OF WORK** : As mentioned in Annexure-1
- 3) Duration of Contract** : 1year
- 4) Estimated Cost** : Rs 8,50,000/- (Rupees Eight lakhs fifty thousand only)
- 5) Earnest Money Deposit** : Rs 17,000 (Rupees Seventeen thousand only)
(2% of estimated cost)

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 and A/C no of Contractor may be written at the backside of DD submitted towards EMD and the DD submitted should be valid for 3 months.

- 6) Issue of tender document** : From 01/09/2017 to 12/09/2017
- 7) Last date for submission of tender on** : 19/09/2017 up to 14:00 hours.
- 8) Date of opening the sealed tenders on** : 19/09/2017 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")

10) Qualifying (Eligibility) Criteria for Contractors: -

- i. The Contractor should have carried out similar works for atleast one (01) year of order value per annum not less than 60% of the estimated cost put to tender.
OR
- ii. The Contractor should have carried out similar works for atleast two (02) years of order value per annum not less than 45% of the estimated cost put to tender.
OR
- iii. The Contractor should have carried out similar works for atleast three (03) years of order value per annum not less than 30% of the estimated cost put to tender.

11) Similar work includes maintenance of any Industrial equipment/ventilation system/ centrifugal fans/ Blowers/ Pumps etc.

12) Contractors should enclose copies of such work orders along with their quotations without which their offers will not be considered.

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 superscribing 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 North gate, Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, on or before 19/09/2017 up to 1400hrs.

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

Sr.DGM (MF)
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 honoured 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

SCOPE OF WORK

1. Preventive Maintenance of Centrifugal Fans & Dampers on periodic basis as per the following checklist:
 1. Check bearing & plummer block conditions. Lubricate / replace, if required.
 2. Check drive belt conditions, its proper alignment & tension. Replace, if required.
 3. Check the condition of the drive & driven pulleys. Replace, if required.
 4. Check the condition of anti-vibration mountings. Tighten/Replace, if required.
 5. Check the condition of securing/foundation bolts & ensure its tightness. Replace/tighten, if required.
 6. Check for any abnormal sound/vibration. Rectify, if required.

2. Preventive Maintenance of Centrifugal Pumps, Valves, float valves & Spray Column on periodic basis as per the following checklist :
 1. Check for oil leakages, if any, from the bearing housing.
 2. Replace the oil seals, if required. Check the oil level in the bearing housing. Top up, if required.
 3. Checking the condition of the couplings & ensure its alignment. Replace, if required.
 4. Check for abnormal leakages across gland packings. Rectify/replace, if required.
 5. Check the operation of manual suction valve & manual discharge valve. Rectify/replace, if required.
 6. Check whether the pump shaft is rotating free by hand. Rectify, if required.
 7. Check the condition of securing/foundation bolts & ensure its tightness. Replace/tighten, if required.
 8. Check for any abnormal sound/vibration. Rectify, if required.
 9. Check for choked/damaged spray nozzle. Clean/replace, if required.
 10. Check the operation of float valve. Rectify/replace, if required.

3. All Breakdown maintenance of the ventilation equipment/system as & when required during the normal working hours unless special permission is granted for extended working hours & holidays during exigencies.

4. Replacement of faulty bearings in motors.

5. Replacement of defective motor with healthy motor.

6. Checks for damper operation and replacement of its bearings if required.

7. Any breakdown should be attended within 24 hours.

8. Any miscellaneous problems related to ventilation maintenance.

Terms and Conditions of NIT No: NFC/MF/58/2017/02

1. The contractor will be completely responsible for the job. The contractor shall deploy sufficient number of manpower on all working days for doing regular work and additional man power should be deputed whenever required for attending major maintenance works. The contractor shall supervise the job either personally or entrust and authorize a competent person 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. Contract labour are to be engaged only in General Shift.
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, ESI Act, EPF, 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.
6. Wages are to be paid as per Minimum Wages Act, notified by RLC (C) from time to time.
7. 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.
8. Certificate from Officer-in-charge at NFC regarding payment of minimum wages to the contract labour is to be enclosed along with the claim.
9. The contractor shall produce necessary police verification certificates from the local police station for the manpower being engaged for the purpose.

10. 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. ESI and EPF shall be made compulsory for all the labourers engaged.
11. The quoted value shall be **exclusive of ESI and EPF, Service Tax and any other mandatory duties and levies of the Government**. The bills will be released against submission of documentary evidence towards payment of ESI and EPF and Service Tax to the concerned authorities.
12. The contractor shall provide the registration details of Income Tax, Sales Tax, ESI, EPF, Service Tax etc. while collecting tender document and copies of the same shall be submitted along with tender document.
13. Performance Guarantee @5% of Work Order value shall be submitted within ___ (4 to 15 days) from the date of issue of letter of acceptance in the form of Fixed Deposit Receipt or Demand Draft or Bank Guarantee (valid for 14months + six months of claim period). (Extension of time for submission of Performance guarantee at the request of contractor shall be charged @0.1% per day of performance guarantee amount.
14. In case of non-submission of Performance Guarantee within prescribed/extended time, the Earnest Money Deposit submitted will be forfeited.
15. 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.
16. Income tax @ 2% or as applicable at source shall be deducted from the payments made. Contractor shall furnish his PAN No. and bank details along with a xerox copy of the same duly countersigned by him.
17. 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.
18. Offers received will be evaluated based on the total cost quoted exclusive of ESI, EPF and Service Tax etc.
19. The offer should be kept valid for a period of three months from the date of opening of tender.
20. Incomplete and conditional tenders shall be rejected. However unconditional rebates are acceptable.

21. Contractors shall quote the rates both in words and figures.
22. 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.
23. 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.
24. 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.
25. Contractor shall sign each page of the tender document along with the Schedule of quantities & Rates.
26. 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.
27. 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.
28. NFC reserves right to accept or reject any quotation, either completely or partly, without giving any reasons.
29. 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.
30. Before quoting, the contractor may visit NFC for assessment of work with prior permission of DGM (Maint Fuel). He may be contacted at 27183024 (phone no).
31. 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.
32. 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.

From:

To:

Sr. DGM (MF)
Nuclear Fuel Complex
ECIL ((PO)
Hyderabad-500062

QUOTATION
Schedule of quantities

Sub: Repair, servicing, maintenance and monitoring of ventilation blowers of different capacity and cooling water pumps operating at NUOFP (O&P) as per schedule of quantities - Reg

Ref: NFC/MF/58/2017/02 dated 18/08/2017

Dear Sir,

Sl. No.	Description of the Equipment / System	Unit	Qty	Rate per Unit (Rs)	Total Amount (Rs)
1.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 10,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
2.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 20,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
3.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 5,700 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
4.	Each system comprises of :- 1. 01 No. Centrifugal Fan of capacity 1,36,000 m ³ /h 2. 02 Nos. Centrifugal Pumps of	Nos	2		

	capacity 75 m ³ /h and head 30m 3. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc.				
5.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 90,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
6.	Each system comprises of:- 1. 1 No. Centrifugal Fan of capacity 50,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
7.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 4,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
8.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 900 m ³ /h 2. Manual dampers at fan outlet	Nos	1		
9.	Each system comprises of :- 1. 01No. Centrifugal Fan of capacity 1,30,000 m ³ /h 2. 2Nos. Centrifugal Pumps of capacity 75 m ³ /h and head 30m 3. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc.	Nos	3		
10.	Each system comprises of:- 1. 01No. Centrifugal Fan of capacity 1,40,000 m ³ /h 2. Manual dampers at fan outlet	Nos	3		
11.	Each system comprises of :- 1. 1No. Centrifugal Fan of capacity 1,25,000 m ³ /h 2. 02Nos. Centrifugal Pumps of capacity 75 m ³ /h and head 30m	Nos	3		

	3. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc.				
12.	Each system comprises of:- 1. 01No. Centrifugal Fan of capacity 1,30,000 m ³ /h 2. Manual dampers at fan outlet	Nos	3		
13.	Each system comprises of:- 1. 01No. Centrifugal Fan of capacity 3,800 m ³ /h 2. Manual dampers at fan outlet	Nos	1		
14.	Each system comprises of:- 1. 01No. Centrifugal Fan of capacity 4,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
15.	Each system comprises of:- 1. 01No. Centrifugal Fan of capacity 26,250 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
16.	Each system comprises of:- 1. 01 No. Centrifugal Fan of capacity 6,000 m ³ /h 2. Manual dampers at fan outlet	Nos	2		
17.	Each system comprises of :- i. 01 No. Centrifugal Fan of capacity 80,000 m ³ /h ii. 02 Nos. Centrifugal Pumps of capacity 70 m ³ /h and head 30m iii. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc.	Nos	2		
18.	Each system comprises of:- i. 01 No. Centrifugal Fan of capacity 30,000 m ³ /h ii. Manual dampers at fan outlet	Nos	2		
19.	Each system comprises of:-	Nos	2		

	<ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 70,000 m³/h ii. Manual dampers at fan outlet 				
20.	<p>Each system comprises of :-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 26,000 m³/h ii. 02 Nos. Centrifugal Pumps of capacity 15 m³/h and head 30m iii. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc. 	Nos	2		
21.	<p>Each system comprises of:-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 30,000 m³/h ii. Manual dampers at fan outlet 	Nos	2		
22.	<p>Each system comprises of :-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 1,20,000 m³/h ii. 02 Nos. Centrifugal Pumps of capacity 70 m³/h and head 30m iii. Manual damper at fan outlet, piping & valves, spray nozzles, float valves, strainers, dust filters, etc. 	Nos	3		
23.	<p>Each system comprises of:-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 1,30,000 m³/h ii. Manual dampers at fan inlet 	Nos	3		
24.	Centrifugal Fan of capacity 65,000 m ³ /h with air washer pump.	Nos	1		
25.	<p>Each system comprises of:-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 5,000 m³/h ii. Manual dampers at fan outlet 	Nos	2		
26.	<p>Each system comprises of:-</p> <ul style="list-style-type: none"> i. 01 No. Centrifugal Fan of capacity 50,000 m³/h ii. Manual dampers at fan outlet 	Nos	2		

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

(Rupees _____ only).

Note: 1) The above quoted price is exclusive of ESI, EPF & Service Tax.
2) Quoted price per annum is inclusive of extra breakdowns.

Thanking you,

Name: _____
PAN No. _____
Bank Account No. _____
IFSC Code: _____
Name of the bank: _____
Name of branch: _____

Yours faithfully,

CONTRACTOR
(Sign with Seal)

DGM, MF