

Government of India
Department of Atomic Energy
Nuclear Fuel Complex
MAINTENANCE- NUOFP(O&P)

NOTICE INVITING TENDER

Tender No. NFC/M-NUOFP(O&P)/2018/02

Date:

To
M/s.

Dear Sir,

On behalf of the President of India, sealed item rated tenders are invited by 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 | :Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad". |
| 2) Scope | : Ventilation ducts fabrication, erection and testing. |
| 3) Duration of Contract | : 12 months . |
| 4) Estimated Cost | : Rs.9,48,000/- (Rupees nine lakh and forty eight thousand only). |
| 5) Earnest Money Deposit | : Rs. 18,960/- (Rupees eighteen thousand nine hundred and sixty 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 & A/C No. of contractor may be written at the back side of DD submitted towards EMD and the DD to be submitted shall be drawn after the date of release of NIT to ensure that it is valid for the entire offer period. |
| 6) Issue of tender document | : From 23/11/2018 to 03/12/2018. |
| 7) Last date for submission of tender | : on 11/12/2018 up to 14.00 hours. |
| 8) Date of opening the sealed tenders | : on 11/12/2018 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"). |

10) Criteria of eligibility for issue of tender documents:

Tenders will be issued to eligible contractors who have satisfactorily completed similar works and of magnitude specified below:

- a) One similar work not less than 80% of estimated cost.
(or)
- b) Two similar works not less than 50% of estimated cost.
(or)
- c) Three similar works not less than 40% of estimated cost.

For the purpose of this clause 'similar work' means the works like "supply & erection of Ventilation ducts consisting of MS/SS/GI/ material etc"

Quotations are to be submitted strictly as per the form 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 North Gate , Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, on 11/12/2018 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.

Tender document issued to the contractor is non-transferable.

DGM, M-Fuels & NFC-K
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. 040-27120218 & 040-27184307 and . Email: dcea@nfc.gov.in

Terms and Conditions of NIT No: NFC/M-NUOFP(O&P)/2018/02

1. The contractor will be completely responsible for the job. The contractor shall deploy sufficient man power required for completion of the work. The contractor shall authorize a competent person as supervisor who shall fully be responsible for carrying out the jobs safely. Authorisation 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, 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. Besides the contractor has to ensure payment of minimum wages to the labours engaged by him.
6. 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.
7. Earnest Money Deposit at the rate of 2% of estimated cost put to tender i.e Rs. 18,960/- 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.
11. The quoted value shall be **exclusive of ESI, EPF and inclusive of GST and any other mandatory duties and levies of the Government**. The payment towards ESI, EPF will released against submission of documentary evidence towards payment of ESI, EPF to the concerned authorities.
12. 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.
13. Performance Guarantee @5% of Work Order value shall be submitted within 10 days from the date of issue of letter of acceptance or before the commencement of work which ever is earlier 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 to a maximum of 15 days 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 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.
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 EPF, ESI and inclusive of GST.
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. The contractor labour shall be below 60 years for skilled, shall be below 50 years for un-skilled and shall be below 65 years for highly skilled categories.
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 GM/DGM/Manager. He may contact at 27184916/27184855 (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. The quoted rates shall not be less than the minimum wages fixed/notified by the state government-where the service is performed and shall include all statutory obligations. However bids with out 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 the all man power deployed by them and the contractor should ensure that the man power deputed should bear good moral character.
33. Contractor shall deploy at least 1 (one) skilled person, 1 (one) semi skilled person and 2(two) unskilled persons continuously during the execution of work along with a supervisor.
34. Proposed job/contract is the " Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad". Contract is valid for one year. Contractor has to repair/replace all the primary and secondary corroded/damaged ventilation ducts in all fuel plants during the contract period. As ventilation system is linked with smooth plant operation, ducts damaged shall be replaced with in minimum possible time. So contractor has to repair/replace the corroded/damaged ducting with in 4 working days from the date of intimation if damaged duct surface area is less than 10 square meters. If duct surface area to be replaced is more than is 10 square meters, extra time shall be given proportionately. So contractor shall consider this fact while quoting the rates. If the item/job is urgently needed & contractor could not execute the item as per mutually agreed time schedule, then penalty shall be imposed as per conditions of the contract and the same job shall be got executed by department at the cost and risk of the contractor.

SCHEDULE OF QUANTITIES & RATES

Tender No: NFC/M-NUOFP(O&P)/2018/02

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.No	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)	TOTAL (Rs)
1	<p>S,I,T,C OF S.S .DUCTING : Supply, fabrication, erection and testing of SS 304 duct of minimum thickness 1.5mm as per the specifications given in the tender document for air/gas system in different plants as per the requirement. The flanges and supports etc should confirm the relevant Indian Standards. The cost of the duct supporting system should be included in the cost indicated for SS ducting. All the SS ducting should be hanged from walls/ beams/roof with the help of MS angles/ tie rods as mentioned in the tender document. The entire support should be finally painted with special anti corrosive painting. SS sheets shall be of SS 304 as per ASTM A167. Duct fabrication and erection shall confirm to IS 655. Necessary gasket is also in the scope of contractor. Leakages in the ducts shall be as per standards. The necessary MS support & civil grouting for the support is included in the scope of work. Ducting shall be made in circular or square shape as per the site requirement.</p>	****	****	****	****
1.1	Supply	50	Square Meter		
1.2	Erection & Testing	50	Square Meter		
2	<p>S,I,T,C OF G.I .DUCTING 18 GUAGE: Supply, Fabrication, Erection and testing of GI ducting of minimum 18 guage as per IS 655 and IS 277 for supply and return air systems as per the specifications given in the tender document . The flanges and supporting shall be as per IS 655. All the GI ducting should</p>	****	****	****	****

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.N o	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)	TOTAL (Rs)
	be hanged from walls/ beams/roof with the help of MS angles/ tie rods as mentioned in the tender document. The cost of duct supports shall be included in the cost indicated for ducts. All the duct supports should have two coats of primer and black enamel paint after necessary anti rust treatment. Necessary gasket is also in the scope of contractor. Leakages in the ducts shall be as per standards. The necessary MS support & civil grouting for the support is included in the scope of work. Ducting shall be made in circular or square shape as per the site requirement.				
2.1	Supply	40	Square Meter		
2.2	Erection & Testing	40	Square Meter		
3	S,I,T,C OF G.I .DUCTING 22 GUAGE: Supply, Fabrication, Erection and testing of GI ducting of minimum 22 guage as per IS 655 and IS 277 for supply and return air systems as per the specifications given in the tender document . The flanges and supporting shall be as per IS 655. All the GI ducting should be hanged from walls/ beams/roof with the help of MS angles/ tie rods as mentioned in the tender document. The cost of duct supports shall be included in the cost indicated for ducts. All the duct supports should have two coats of primer and black enamel paint after necessary anti rust treatment. Necessary gasket is also in the scope of contractor. Leakages in the ducts shall be as per standards. The necessary MS support & civil grouting for the support is included in the scope of work. Ducting shall be made in circular or square shape as per	****	****	****	****

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.N o	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)	TOTAL (Rs)
	the site requirement.				
3.1	Supply	40	Square Meter		
3.2	Erection & Testing	40	Square Meter		
4	DISMANTLING OF DAMAGED DUCTING: Dismantling of existing corroded GI/SS/MS/PVC/FRP ducting & its supporting structure. The ducting and other items has to be dismantled after cutting with cutting torch or dismantling of flanges. The ducts are erected in a radioactive plant for last 15 years and hence it contains traces of radioactive dust. The duct has to be brought down with complete safety procedure specified by NFC. Removed ducting shall be stored at the place shown by NFC, with in NFC premises.	130	Square Meter		
5	S,I,T,C OF S.S .DAMPER: Supply, installation, testing and commissioning of SS dampers of thickness not less than 1.5mm in header/branch ducting to control air flow within 3% as per the detailed specifications given in the tender document.	****	****	****	****
5.1	Supply	2	Square Meter		
5.2	Erection & Testing	2	Square Meter		
6	S,I,T,C OF M.S/G.I .DAMPER: Design, Fabrication, Supply, installation, testing and commissioning of MS/G.I gravity dampers/Volume control dampers of	****	****	****	****

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.N o	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)	TOTAL (Rs)
	thickness not less than 1.5mm in ducting as per the detailed specifications given in the tender document.				
6.1	Supply	2	Square Meter		
6.2	Erection & Testing	2	Square Meter		
7	SUPPLY & ERECTION OF CANVAS CLOTH FOR FLEXIBLE JOINTING: Supply and erection of canvass cloth for flexible jointing as per the specifications given in the tender document.	****	****	****	****
7.1	Supply	10	Square Meter		
7.2	Erection & Testing	10	Square Meter		
8	SUPPORTING STRUCTURE: Supply, fabrication, and erection of MS supporting structure. Work consists of supply of materials like M.S angles, plates, channels, pipes and hard ware etc. These supports are to be provided for existing & new ventilation ducts. In few areas existing duct supports got damaged. So these supports shall be fabricated & erected exactly similar to existing supports by dismantling the existing damaged supports. Dismantling/removing the existing damaged supports also in the scope of contract. Contractor is advised to visit the UOP site and see the existing supports in position to	****	****	****	****

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.No	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)	TOTAL (Rs)
	get the correct idea of work and material requirement. The necessary civil grouting for the support is included in the scope of work. Works required like making scaffolding for height jobs, welding, cutting, drilling, machining, painting, fastening and any other work required for successful completion of the job is under the scope of contract. All the support should have two coats of primer and black enamel painting after necessary anti rust treatment. The entire support should be finally painted with special anti corrosive painting.				
8.1	Supply	200	KG		
8.2	Erection & Testing	200	KG		
9	FRP LINING: Supply, Fabrication and laying of FRP lining of 3 mm thick towards repair of existing damaged ducting, frames, structures etc.	****	****	****	****
9.1	Supply	50	Square Meter		
9.2	Erection & Testing	50	Square Meter		
	NOTE: 1) Work has to be done at height up to 8 meters. So arranging suitable scaffolding is also in the scope of the contractor.				

NAME OF THE WORK: Running maintenance contract for emergency repair /replacement of various damaged/corroded ventilation ducts at different fuel plants in NFC, Hyderabad".

SI.N o	ITEM DESCRIPTION	QTY	UNIT	UNIT RATE (Rs) (in figures & words)		TOTAL (Rs)
	2) Rates shall be quoted in figures & words.					
	Total in Figures:					
	Total in Words:					

NOTE: The above quoted rates are inclusive of GST and excusive of ESI,EPF.

SIGNATURE OF THE CONTRACTOR WITH SEAL