



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/17-18/PC-13

Date: 12.04.2018

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	Replacement of Corroded Municipal Water, Cooling Water & Compressed Air Pipelines in Chlorination section, ZSP
2.	Scope	As per Annexure-A Enclosed
3.	Duration of Contract	6 months
4.	Estimated Cost	<b>Rs. 16,52,000/-</b> (Rupees Sixteen Lakh Fifty two Thousand only)
5.	Earnest Money Deposit	<b>Rs. 33,040/-</b> (Rupees Thirty Three Thousand Forty only) Note: 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.
6.	Issue of tender document	From 13.04.2018 to 21.04.2018 (On any working day between 09:30 to 15:00 hrs)
7.	Last date for submission of tender	27.04.2018 up to 14:00 hrs
8.	Date of opening the sealed tenders	On 27.04.2018 at 14:30 hrs
9.	Cost of tender document	Rs. 500/- (non-refundable) (Demand draft or banker's cheque payable at Hyderabad drawn in favour 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., and 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 office of GM, ZSP & M-Zr Office, Nuclear Fuel Complex, ECIL Post, Hyderabad – 500062, on or before 27.04.2018 up to 14.00 hours. Tenders will be opened on 27.04.2018 at 14:30 hours at Works Section, III floor, Aadhar Building, NFC. Late/delayed & tenders not accompanied by EMD shall not be considered. Tender documents issued to the contractor are non-transferable.

**-Sd-  
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 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

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

1. Company Registration Certificate (Xerox)
2. Renewal Certificate of company (Xerox)
3. GST registration, if any copy (Xerox)
4. Pan Card (Xerox)
5. Last 3 years Income Tax return, if any (Xerox)
6. Experience Certificate of similar works (Xerox)

Eligibility Criteria: Experience of Successfully completed works during last 7 years ending previous day of last date of submission of Tender-

- One similar work not less than 80% of the estimated cost
- Two similar work not less than 60 % of the estimated cost
- Three similar work not less than 40 % of the estimated cost

The value of executed work shall be brought to current costing level by enhancing the actual value of work at the simple rate of 7% per annum calculated from date of completion to last date of receipt of application for bid.

7. Contractor shall submit Solvency certificate from any scheduled bank of value not less than 40% of estimated cost unless otherwise indicated in NIT.
8. ESI registration copy (Xerox)
9. PF Subscription copy (Xerox)

## **Terms and Conditions of NIT No: NFC/ZSP/17-18/PC-13**

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. Work shall be carried out from ground floor to about 6 m height and only person for whom height pass certified by NFC can be engaged for working at height.

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 labour are to be engaged in General Shift. If the work needs, Contractor's staff shall work from 06:15 to 18:15 hours on all days including Sundays, second Monday of the month and public 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 on any working day during office hours.

6. Skilled manpower should be atleast ITI passed, semi-skilled should be atleast 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. 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.

9. Certificate from Officer-in-charge at NFC regarding payment of minimum wages to the contract labour is to be enclosed along with the claim.

10. The contractor shall produce necessary police verification certificates from the local police station for the manpower being engaged for the purpose.

11. 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.
12. 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.
13. 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.
14. 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. (Extension of time for submission of Performance guarantee at the request of contractor shall be charged @0.1% per day of performance guarantee amount.
15. In case of non-submission of Performance Guarantee within prescribed/extended time, the Earnest Money Deposit submitted will be forfeited.
16. 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.
17. Income tax and GST or 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.
18. 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.
19. Offers received will be evaluated based on the total cost quoted exclusive of ESI, EPF and inclusive of GST.
20. The offer should be kept valid for a period of three months from the date of opening of tender.
21. Incomplete and conditional tenders shall be rejected. However unconditional rebates are acceptable.
22. Contractors shall quote the rates both in words and figures.
23. 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.
24. 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.
25. 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.
26. Contractor shall sign each page of the tender document along with the Schedule of quantities & Rates.
27. 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.
28. 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.
29. NFC reserves right to accept or reject any quotation, either completely or partly, without giving any reasons.

30. 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.

31. Before quoting, the contractor may visit NFC for assessment of work with prior permission of GM (ZSP & M-Zr)/ Manager (ZSP). He may contact at phone No. 040 2718 4071/ 040 2718 4395/ 040 2718 4476.

32. 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.

33. 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.

34. The contractor should engage sufficient manpower required to carry out the job as per SCOPE OF WORK at Annexure-A.

35. All the material required for successful completion of contract shall be supplied by the contractor.

36. The contractor shall be responsible for transportation, loading and unloading of materials required to the work spot.

37. The contractor shall fabricate pipelines for replacing old pipelines and support with suitable MS structural framework for replaced pipelines fabricated by him/her.

38. The Contractor shall complete purging; testing and flushing of replaced pipelines fabricated by him/her and shall bear the cost for performing the same.

39. The contractor shall complete the painting of the replaced pipelines fabricated by him/her with two coats of polyurethane paint of any one of Asian/Pidilite/Johnson & Nicholson/Berger/Nerolac make over a coat of epoxy primer.

**-Sd-**  
**GM, ZSP**  
**For & On behalf of the President of India**

**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.	Annual Turn over of Previous Financial Year				
7.	SSI / Factory / Contractor's Registration No.				
8.	Brief Description of Experience				
9.	AADHAR No.				
10.	GST Registration No.				
11.	PAN No.				
12.	ESI Registration No.				
13.	EPF Registration No.				
14.	Bank Account No.				
15.	Name of the Bank				
16.	IFSC Code				
17.	No. of Employees	Highly Skilled	Skilled	Semi-Skilled	Un-Skilled
18.	Previous Work Orders executed at NFC (Reference Nos.)				
19.	Brief Description of Work: Replacement of Corroded Municipal Water, Cooling Water & Compressed Air Pipelines in Chlorination section, ZSP				
20.	Tender No. : NFC/ZSP/17-18/PC-13				
21.	Total Amount Quoted				
22.	No. of labours proposed to be employed in this Work	Highly Skilled	Skilled	Semi-Skilled	Un-Skilled
	Supervisors:				
23.	Qualifications and Experience of Supervisor				
24.	Details of Machinery/ tools proposed to be deployed for the work				
25.	GST Rate Considered for the Work				
26.	Any Other Information				

Verified the above details

Engineer In-Charge

Signature of the Contractor

From

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To

GM, ZSP (ZSP & M-Zr)  
 Nuclear Fuel Complex  
 ECIL (PO)  
 Hyderabad-5000062

**QUOTATION**

Sub: Replacement of Corroded Municipal Water, Cooling Water & Compressed Air Pipelines in Chlorination section, ZSP

Item No.	Description of Item	Qty & Unit	Material Rate (In words & Figures)	Removal & Installation Rate (In words & Figures)	Total Amount (In words & Figures)
		A	B	C	D = A*(B+C)
1.	Removal of existing MS ERW/MS galvanized pipelines & fabrication, erection/ fixing, painting, testing, commissioning of new M.S. galvanized pipelines (pipes of heavy quality conforming to IS 1239) of following dia above ground level/floor level in the plant/yard at different elevations with <b>a.</b> Socket welded/butt welded/threaded joints of all fittings (except supply and fixing of valves & valve flanges which will be measured under relevant item) wherever required including supplying and fixing of all necessary galvanized socketed fittings such as elbows, collars, tees, unions, couplings, flanges up to size 50 mm <b>b.</b> Fabrication of fittings from galvanized pipes for sizes exceeding 50 mm except where readymade fittings are to be fixed. <b>c.</b> Transporting, loading and unloading pipes to work spot, <b>d.</b> pipes to be supported with suitable 6 mm dia MS clamps to MS structural frame work, <b>e.</b> painting with two coats of polyathene paint of M/s. Asian, Pidilite, Johnson & Nicholson, Berger, Nerolac over a coat of epoxy primer, cleaning with approved method, <b>f.</b> purging, testing, flushing including cost of all consumables, gaskets, bolts and nuts for flanged joints, labour etc., complete as directed.				
	a) 15 mm n.b.	100 RM			
	b) 25 mm n.b.	410 RM			
	c) 50 mm n.b.	365 RM			
	d) 75 mm n.b.	200 RM			
	e) 100 mm n.b.	230 RM			
2	Supplying the following different valves as indicated, socket/screwed type upto size 50 mm n.b., flanged ends along with supply of companion flanges conforming to B-10, table E, for sizes exceeding 50 mm complete all as directed.				
<b>A)</b>	a)GM gate valve of class I, with bronze solid wedge, non rising stem, conforming to IS 778 of Size 50 mm dia <b>Make: Leader, Zoloto, Hawa, GG, BDK</b>	2 Nos.		Not Applicable	
	b) CI sluice valve of class- I, with bronze solid wedge, conforming to IS 780 for 100 mm dia. including P&F companion flanges <b>Make: Steel Strong, Leader, Audco, Intervale, Saunders</b>	1 No.		Not Applicable	

<b>B)</b>	Heavy pattern gun metal globe valves class I conforming to IS 778 of 25 mm dia. <b>Make: Leader, Zoloto, Hawa, GG, BDK</b>	17 Nos.		Not Applicable	
<b>C)</b>	Ball valves of class 150 lbs, single piece design with CI body and SS ball 304/316 conforming to BS 5351, with PTFE gaskets/seals, safe design with socket ends.				
	i)15 mm <b>Make: Leader, Audco, Intervalve, Saunders, BDK, Legris, Hawa</b>	14 Nos.		Not Applicable	
	ii)25 mm <b>Make: Leader, Audco, Intervalve, Saunders, BDK, Legris, Hawa</b>	22 Nos.		Not Applicable	
	iii) 50 mm <b>Make: Leader, Audco, Intervalve, Saunders, BDK, Legris, Hawa</b>	1 No.		Not Applicable	
<b>D)</b>	Heavy quality, gunmetal non-return/ check valve, class – I quality conforming to IS 778 or CI check valve				
	a) 25 mm dia (Gun metal body) <b>make: Leader, Zoloto, Hawa, GG, BDK</b>	2 Nos.		Not Applicable	
	b) 75 mm dia (CI body with disc flap system) <b>Make: Leader, Zoloto, Hawa, GG, BDK</b>	1 No.		Not Applicable	
<b>E)</b>	Cast iron self lubricant, regular pattern, inverted type, taper plug valve lever operated of pressure rating 10 kg/cm <sup>2</sup> with flange ends, drilled holes along with a pair of flanges conforming to BS 10 table E of 75 mm n.b. <b>Make: L&amp;T (Audco)</b>	2 Nos.		Not Applicable	
<b>F)</b>	CI Y-type strainer with SS filter of pressure rating 10 kg/cm <sup>2</sup> of size 25 mm dia.	14 Nos.		Not Applicable	
				<b>Total:</b>	

(Total amount in

Rs \_\_\_\_\_

NOTE: The above quoted price is exclusive of ESI, EPF & inclusive of GST. \_\_\_\_\_ only)

Thanking You,

Name : \_\_\_\_\_  
PAN No : \_\_\_\_\_  
Aadhar No : \_\_\_\_\_  
Bank Account No: \_\_\_\_\_  
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. \_\_\_\_\_

Dated \_\_\_\_\_ towards cost of tender document.

Sign of OIC

ANNEXURE - A  
**SCOPE OF WORK**

Sub: Replacement of Corroded Municipal Water, Cooling Water & Compressed Air Pipelines in Chlorination section, ZSP

Ref: NFC/ZSP/17-18/PC-13

<b>Description</b>
Removal of existing MS ERW/MS galvanized pipelines & fabrication, erection/ fixing, painting, testing, commissioning of new M.S. galvanized pipelines of different dia above ground level/floor level in the plant/yard at different elevations with <b>a.</b> Socket welded/butt welded/threaded joints of all fittings including supplying and fixing of all necessary galvanized socketed fittings such as elbows, collars, tees, unions, couplings, flanges up to size 50 mm <b>b.</b> Fabrication of fittings from galvanized pipes for sizes exceeding 50 mm except where readymade fittings are to be fixed. <b>c.</b> Transporting, loading and unloading pipes to work spot, <b>d.</b> pipes support with suitable MS structural frame work, <b>e.</b> painting with two coats of polyurethane paint of M/s. Asian, Pidilite, Johnson & Nicholson, Berger, Nerolac over a coat of epoxy primer, cleaning with approved method, <b>f.</b> purging, testing, flushing including cost of all consumables, gaskets, bolts and nuts for flanged joints, labour etc., complete as directed.

**Note:**

- The work has to be carried out within 6 months from the date of issue of work order.
- Contractor should provide safety shoes, safety belt, helmets, goggles, etc
- The quoted rate should be valid up to 6 months from the date of issue of work order.
- The work needs to be done under the constant supervision of contractor's skilled supervisor. The supervisor should have minimum qualification of diploma pass/graduation pass.
- Skilled, semi skilled and unskilled labour shall be engaged for the work. Skilled manpower should be at least ITI passed and semiskilled should be at least class X failed.
- At least 1 Skilled, 2 Semi-skilled and 1 Un-Skilled labour shall be available for carrying out the work.
- Contract labour is to be engaged in General Shift. If the work needs, Contractor's staff shall work from 06:15 to 18:15 hours on all days including Sundays, Second Monday of the month and Public Holidays, if required.
- PPE's and uniforms are under the scope of the contractor.
- The age of outsourced persons engaged for the work has to be restricted to 60 years.
- All the material required for successful completion of contract shall be supplied by the contractor.
- The contractor shall be responsible for transportation, loading and unloading of materials required to the work spot.
- The contractor shall fabricate pipelines for replacing old pipelines and support with suitable MS structural framework for replaced pipelines fabricated by him/her.
- The Contractor shall complete purging; testing and flushing of replaced pipelines fabricated by him/her and shall bear the cost for performing the same.
- The contractor shall complete the painting of the replaced pipelines fabricated by him/her with two coats red oxide primer followed by two coats of polyurethane paint of any one of Asian/Pidilite/Johnson & Nicholson/Berger/Nerolac make.

Yours faithfully,

Signature with  
Name of the Contractor & Seal