

Government of India
Department of Atomic Energy
Nuclear Fuel Complex
(UTILITIES)

NOTICE INVITING TENDER

Tender No. NFC/Utly/Service lines/UOP-Rerouting/01

26.06.2018

To
M/s.

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: **Supply, fabrication and laying (re-routing) of various service lines beside UOP in NFC, Hyderabad.**

2) Scope of work: (a) Supply, fabrication, erection of pipelines above ground on structural framework with supports and valves for distribution lines including steam lines.

(b) Erection of structural framework (trestles) for laying of pipelines.

(c) Dismantling of existing pipes and trestles wherever required.

(d) Careful disconnection of piping at identified locations from existing lines & joining the rerouted lines to identified service lines.

Schedule of Quantities attached.

3) Duration of Contract: **03** months

4) Estimated Cost: **Rs. 45, 74, 000/- (Rupees forty five lakhs seventy four thousand only)**

5) Earnest Money Deposit : **Rs. 91,480/- (Rupees ninety one thousand four hundred and eight 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 the 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) Receiving of applications for issuing Tender Documents: 02.07.2018 to 07.07.2018

7) Issue of tender document: From 11.07.2018 to 16.07.2018

8) Last date for submission of tender: On 20.07.2018 up to 14.00 hours.

9) Date of opening the sealed tenders: On 20.07.2018 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.

Application along with the following documents for issue of tender documents will be received by AGM, Utilities, Nuclear Fuel Complex, ECIL (PO), Hyderabad, office phone no. 27184366 between 10.00 hrs to 16.00 hrs as per the dates mentioned below and tenders will be issued to the eligible contractors on scrutiny of documents.

- Crossed DD/Pay order/ Banker's cheque for Rs.500.00 (non-refundable) drawn in favour of pay & Accounts Officer, Nuclear fuel complex, Hyderabad.
- The party should have IBR approved pipeline fabricator and should submit the authorization certificate.
- Attested copies of Audit balance sheet duly indicating the turn over and tax paid for the last 3 years.
- Party should submit Solvency Certificate for 40 % of the estimated vale of the work from any schedule bank support of financial standing. Certificate should have been obtained with in the last one year as on the date of tender opening.
- Attested Copies of PAN CARD and GST registration certificate.
- Attested copies of ESI and EPF registration certificate for their employees, to whom to engage for this work with valid payment certificates.
- Work orders and Performance/ completion certificates issued by respective department engineers for the similar kind of jobs including that of steam lines during the last 7 years ending 31.03.2018 of magnitude specified below
 - 3 similar works each of value not less than 40% of the estimated cost.
 - 2 similar works each of value not less 60% of the estimated cost.
 - 1 similar work of value not less than each of 80% of estimated cost.

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.

**AGM, Utilities
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

NFC/Utly/Service lines/UOP-Rerouting/01

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 ensure to authorize a competent person to supervise the job 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. NFC is not responsible for any untoward incident. Contractor is fully responsible for safe execution of the job.
2. No child labour should be engaged.
3. Contact labours 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.
6. Wages are to be paid as per Minimum Wages Act, notified by RLC (C) by state government of telangana 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.
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 and

GST will be released against submission of documentary evidence towards payment of ESI, EPF as applicable to the concerned authorities.

12. The contractor shall provide the registration details of Income Tax, GST, ESI, EPF, 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 **15 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 for a maximum period ranging from 01 to 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 & 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. **(Once in every quarter i.e. after the end of the quarter, from the date of start of work). The payment shall be released only after receipt of valid certificates for IBR related items.**
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 Contract Labour shall be / below 60 years for skilled, shall be / below 50 years for un-skilled, 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 Manager/AGM. He may contact at office 27184366/27184033/27183482.
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 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.
- 33. There shall be sufficient 7 nos. Contract workers to be deployed for this job to complete in short time. It shall comprise 3 skilled, 1 semiskilled and 3 unskilled manpower.**
34. If the contractor fails to complete the job within stipulated time, he is liable for penalty deemed fit.

35. The successful tenderer should start the job immediately after receipt of work order.

36. The description of the work is as follows:

"Supply, fabrication and laying (re-routing) of various service lines beside UOP in NFC, Hyderabad. The work includes erection and fabrication of structural framework (trestles), laying of pipelines over trestles for compressed air, steam and water. The tools such as Gas cutter set, gas cylinders, welding machine, welding rods, PPE, vehicle like cranes/hydra for transporting pipe scrap to the designated place etc including manpower are in the scope of Contractor."

The tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site. The accommodation then may require and in general shall themselves obtain all necessary information as to risks contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or other wise shall be allowed. The tenderer shall be responsible for transporting of material/ equipment/ tools etc. at his own cost which includes all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tender implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates.

38. The competent authority on behalf of the president of india does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tender shall be summarily rejected.

39. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

39. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.

40. The tender for the work shall remain open for acceptance for a period of 90 (ninety) days from the date of opening of tenders. If any tenderer with draws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

41. The rates quoted by the contractor should be valid up to 18 months from the date of issue of the work order.

**AGM, Utilities
For & On behalf of the President of India**

TENDER

From:

To:

AGM, Utilities
Nuclear Fuel Complex
ECIL (PO)
Hyderabad-500062

QUOTATION

Sub: Supply, fabrication and laying (re-routing) of various service lines beside UOP in NFC, Hyderabad.

Ref: Tender No. NFC/Utly/Service lines/UOP-Rerouting/01

Dear Sir,

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

(A) Schedule of quantities for compressed air lines (M.S.) for re-routing

SL No	Description	Qty	Unit	Unit Rate in words (Rs).	Total amount (Rs.)
1	<p>Supplying, fabricating erecting/fixing in position either in yard and at an elevation of 7 meters over trestle generally as indicated in the relevant drawings, using MS Carbon steel seamless pipes conforming to ASTM A 106 Gr.B & Dimensions conforming to ANSI B 36.10 Schedule-40 (Make M/S Jindal, Tata/MSL) and other suitable fittings/sockets/MS flanges confirming to BS table - 10F /IS:6392/ANSI B16.5, 150 lbs with 3mm thk CAF gaskets of suitable grade, fastened using suitable bolt, nut and washers, as directed. Piping to be supported with suitable clamps on MS structural frame work, painting with Zinc Chromate primer and two coats of Synthetic Enamel paint of Asian, Berger,Johnson Nickleson, Pidilite makes ,cleaning with approved method, purging, testing at required test pressure, flushing and commissioning including cost of all consumables, labour, etc., complete as directed.</p> <p>Hydrotest shall be carried out by the contractor at 14 kg/cm². Pipe material shall be tested at MSME lab by the contractor and shall produce the valid test certificates along with the MTC's from manufacturer.</p>				
	(a) 80 mm NB	150	RM		
	(b) 100 mm NB	90	RM		
	(c) 150 mm NB	150	RM		

2	<p>Providing and fixing valves of different varieties conforming to relevant standards along with matching companion flanges with suitable bolts nuts, washers, neoprene gasket of 3 mm thick, fixing of flanges to pipe, aligning, testing, painting with Zinc Chromate primer and two coats of Synthetic Enamel paint of Asian, Berger, Johnson Nickleson, Pidilite etc complete as directed.</p>				
	<p>CI Lubricated Tapered Plug Valve, Regular Pattern Flange ends drilled to ASA 150# (ANSI B16.5) for compressed air service, PN 16. Make: Steel strong/Leader/Audco/Intervolve/Saunders</p>				
	(a) 80 mm NB	6	Nos		
	(b) 100 mm NB	1	Nos		
	(c) 150 mm NB	2	Nos		

3	Structural steel work with standard section like MS angles, flats, joists, channels, etc., at all levels below/above ground/ plinth level including supply the steel sections conforming to IS:2062 (vizag Steels/Tata/Sail) transporting, cutting, fabricating using welding/bolts, weld rods (D & H, Advani, Philips) and /or bolt and nuts from approved source, erecting and fixing in position using derricks/pullies or any other suitable means, etc., including painting with two coats of Enamel paint make, over one coat of approved red oxide zinc chromate primer/compatible primer of Asian Paint, Berger, Johnson and Nickelson, Pedilite, Nerolac make approved shade, cleaning the sections by suitable means, etc., complete for pipe support horizontal and vertical trustles, brackets, etc., all as per specifications and as directed by the Engineer-in charge.	1	MT		
4	Removing of existing damaged/corroded, unserviceable M.S/ pipe lines by unscrewing or cutting transporting to the site shown as directed by Engineer in-charge.				
	(a) 25 mm	60	RM		
	(b) 40 mm	30	RM		
	(c) 50 mm	140	RM		
	(d) 80 mm	120	RM		
	(e)100 mm	80	RM		
	(f) 150 mm	25	RM		
	(g) Structure cutting (ISA)	450	kg		
				Grand total for (A)	

(B) Schedule of quantities for DM water (S.S.) lines for re-routing

SL No	Description	Qty	Unit	Unit Rate in words (Rs).	Total amount (Rs.)
5	Supplying, fabricating erecting/fixing in position either in yard and at an elevation of 7 meters over trestle generally as indicated in the relevant drawings, with S.S. 304 pipe (Schedule - 10) which includes fixing of necessary fittings like elbow/bends/tees, reducers, tapings, flanges, rubber gasket, bolts, nuts etc. as directed by Engineer in-charge. Securing the pipe line with suitable clamps etc. to supports, testing, purging, flushing and commissioning of the following pipe lines for the various water services, which includes Supply and applying of pipe protection coating for over ground piping and piping supports i.e. two coats of primer i.e. zinc red oxide primer and two coats of finished synthetic enamel paint after cleaning, as indicated in the specification and directed by Engineer in-charge. Hydrotest shall be carried out by the contractor at 14 kg/cm ² . Pipe material shall be tested at MSME lab by the contractor and shall produce the valid test certificates along with the MTC's from manufacturer.				
	(a) 25 mm NB	90	RM		
	(b) 40 mm NB	150	RM		
	(c) 50 mm NB	150	RM		

6	<p>Providing and fixing valves of different varieties conforming to relevant standards along with matching companion flanges with suitable bolts nuts, washers, neoprene gasket of 3 mm thick, fixing of flanges to pipe, aligning, testing, painting with Zinc Chromate primer and two coats of Synthetic Enamel paint of Asian, Berger, Johnson Nickleson, Pidilite etc complete as directed.</p>				
	<p>SS 304 ball valve with flanged ends ANSI B16.5 CL 150, 3 pc. design, regular bore, body SS 304, solid floating ball CF8M, stem of SS conf. to ASTM A 479, seat: virgin ptfe, Make: Steel strong /Leader /Audco /Intervolve /Saunders</p>				
	(a) 25 mm NB	1	Nos		
	(b) 40 mm NB	2	Nos		
	(c) 50 mm NB	2	Nos		
				<p>Grand total for (B)</p>	

(C) Schedule of quantities for steam line (M.S.) for re-routing

SL No	Description	Qty	Unit	Unit Rate in words (Rs).	Total amount (Rs.)
7	<p>Supplying, fabricating erecting/fixing in position in yard and at an elevation of 7 meters over trestle generally as indicated in the relevant drawings, using MS Carbon steel seamless pipes conforming to ASTM A 106 Gr.B & Dimensions conforming to ANSI B 36.10 Schedule-40 with IBR certificate (Make M/S Jindal, Tata/MSL) and other suitable fittings/sockets/MS flanges confirming to ANSI B16.5 with 3 mm thk asbestos gaskets of suitable grade, fastened using suitable bolt, nut and washers, as directed. Piping to be supported with suitable clamps on MS structural frame work. Heat resistant protection for steam pipe insulation i.e. good quality 40 mm thick mineral wool as per IS 5696. Apparent density: 150 kg/cu.m. Working temperature up to 300 deg C. Insulation jacket shall be of aluminium sheet of thickness not less than 22 SWG as directed by engineer in charge. (Cost includes that of all consumables, compressed asbestos jointing sheet gaskets, insulation, bolts and nuts for flanged joints, labour etc. as directed by engineer-in-charge.)</p> <p>Hydrotest shall be carried out by the contractor at 14 kg/cm². Pipe material shall be tested at MSME lab by the contractor and shall produce the valid test certificates along with the MTC's from manufacturer.</p>				
	(a) 20 mm NB	35	RM		
	(b) 80 mm NB	150	RM		
	(c) 100 mm NB	100	RM		
8	<p>Supply and fixing of gun metal globe valve as per IS-778 with IBR certification and working pressure up to 10 kg/sq.cm of the following sizes.</p>				
	(a) 80 mm NB	1	Nos		

	(b) 100 mm NB	1	Nos		
9	Supply and fixing of thernodynamic steam trap with SS body with inbuilt strainer screen and unique three port design with blow down valve, screwd ends to BSPT of size 20 NB	21	Nos		
10	IBR approval for steam line drawings, steam line certification from boiler department, Telanagana during entire period of the contract.	Lumpsum			
11	Removing of existing damaged/corroded , unserviceable M.S/ pipe lines by unscrewing or cutting transporting to the site shown as directed by Engineer in-charge.				
	(a) 80 mm	30	RM		
	(b)100 mm	80	RM		
				Grand total for (C)	

(D) Schedule of quantities for erection of trestle

SL No	Description	Qty	Unit	Unit Rate in words (Rs).	Total amount (Rs.)
12	Excavation in Trenches in all soils except soft and hard rock upto depths mentioned below from average ground level dressing the base to the required levels including dewatering if necessary and back filling in trenches and plinth with approved excavated earth in layers not exceeding 250 mm levelling, watering and consolidating and disposing the surplus earth within a distance of 50 m complete as directed.				
	a) up to 1.5m depth	6	Cu.m		
13	Cement concrete 1:4:8 using Portland Cement conforming to BIS 1489/8112 (M/s. ACC, Ultra Tech, Raasi, Birla, Coramandal, M/s. Andhra Cement Ltd., KCP), river sand and graded stone aggregates of 40 mm maximum size at and at all depths below plinth level including consolidation, finishing, curing, etc., complete but excluding form work as per specifications for mud mat of foundations, equipment foundations, pedestals, masonry walls, Trenches etc.	0.5	Cu.m		

14	Cement concrete 1:2:4 grade using Portland Cement conforming to BIS 1489/8112 (M/s.ACC,Ultra Tech, Raasi, Birla, Cormandal, M/s. Andhra Cement Ltd., KCP), river sand and graded stone aggregates of 20 mm maximum size at and at all depths below plinth level including consolidation, finishing smooth/broom finish as applicable, curing, etc., complete but excluding form work as per specifications.	2.2	Cu.m		
15	Structural steel work with standard section like MS angles, flats, joists, channels, etc., at all levels below/above ground/ plinth level including supply the steel sections conforming to IS:2062 (vizag Steels/Tata/Sail) transporting, cutting, fabricating using welding/bolts, weld rods (D & H, Advani, Philips) and /or bolt and nuts from approved source, erecting and fixing in position using derricks/pullies or any other suitable means, etc., including painting with two coats of Enamel paint make, over one coat of approved red oxide zinc chromate primer/compatible primer of Asian Paint, Berger, Johnson and Nickelson, Pedilite, Nerolac make approved shade, cleaning the sections by suitable means, etc., complete for pipe support horizontal and vertical trustles, brackets, etc., all as per specifications and as directed by the Engineer-in charge.	4.6	MT		

16	FORM WORK:				
	Providing centering and shuttering using steel shuttering plates at all depths and heights below and above plinth level, vertical, horizontal, inclined including strutting,propping using steel pipes/acros staging, removal, cleaning of the same for insitu reinforced cement concrete and in plain cement concrete work as required including chamfers, splays, keys, wedges, nails, bracings, brackets and applying one coat of shuttering oil and all shuttering surfaces coming in contact with concrete etc., complete as directed.				
	a) Columns/Pedestals at all elevations using steel shuttering	7.3	Sq.m		
				Grand total for (D)	

Total cost of (A), (B), (C) & (D) works out to be Rs. _____
(Rupees _____ only).

Note: The above quoted price is exclusive of ESI, EPF and inclusive of GST and other mandatory levies.

Name: _____
Aadhar Card No. _____
PAN No. _____
Bank Account No. _____
IFSC Code: _____
Name of the bank: _____
Name of branch: _____
GST Registration No. _____

Thanking you,

Yours faithfully,

Tender Document has been issued to M/s. _____ on receipt of Rs. _____/-(Vide DD No. _____ Dtd; _____) towards cost of tender document.

CONTRACTOR
(Sign with Seal)