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	Government of India DEPARTMENT OF ATOMIC ENERGY NUCLEAR FUEL COMPLEX NFC-Kota Project, ECIL Post, Hyderabad - 500 062		
<p>On behalf of President of India, General Manger, NFC-Kota, Nuclear Fuel Complex, Hyderabad – 500062, invites sealed tenders from the approved and eligible contractors who have executed works of similar nature and magnitude for the following works:</p>			
1) Tender No	: NFC/NFC (K)/Bore well/2017/02		
2) Name of Work	: Drilling of bore wells at NFC-Kota Site, Rawathbhata.		
3) Estimated Cost	: Rs.38,29,890/-		
4) EMD	: Rs. 76,600/-		
5) Duration of Contract	: 6 months		
6) Sale of tender document	: From 07.12.2017 to 21.12.2017		
7) Last date for submission of tender	: 29.12.2017 up to 14.00 hours.		
8) Date of opening the sealed tenders	: 10.01.2018 at 14.30 hours.		
9) Cost of tender document	: Rs 500/-		
<p>The detailed tender notice and eligibility criteria can be seen in NFC website www.nfc.gov.in</p>			
			<p>Sd/- General Manager (NFC-Kota)</p>

Government of India
Department of Atomic Energy
Nuclear Fuel Complex
(NFC-Kota Project)

NOTICE INVITING TENDER

Tender No. NFC/NFC(K)/Bore well/2017/02

Dt: 07-12-2017

On behalf of the President of India, sealed item rated tenders are invited by General Manager (NFC-K), Nuclear Fuel Complex, Hyderabad from competent and well experienced contractors for the following work on works contract basis.

- 1) Name of Work : Drilling of bore wells at NFC-Kota Site, Rawathbhata.
- 2) Scope : Refer Annexure.
- 3) Duration of Contract : 6 months
- 4) Estimated Cost : Rs.38,29,890/- (Rupees Thirty Eight Lakhs Twenty Nine Thousand Eight Hundred and Ninety only)
- 5) Earnest Money Deposit : Rs. 76,600/- (Rupees Seventy Six Thousand Six hundred 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 on the backside of DD submitted towards EMD. DD to be submitted shall be drawn after the date of release of NIT to ensure that it is valid for entire offer period.

- 6) Issue of tender document :From 07.12.2017 to 21.12.2017
- 7) Last date for submission of tender :29.12.2017 up to 14.00 hours.
- 8) Date of opening the sealed tenders :10.01.2018 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").

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 dropped in the tender box kept for the purpose at at North Gate, NFC, Hyderabad or at Site office of NFC-Kota, RR site Rawatbhata, on or before 29.12.2017 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.

General Manager (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 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/ NFC(K)/Bore well/2017/02

1. The contractor will be completely responsible for the job. Contractor shall deploy sufficient man power required for completion of work. Contractor shall deploy only those qualified man power who have prior experience in the works as brought out in the scope of work. Contractor shall ensure to entrust a supervisor who shall fully be responsible for carrying out the jobs safely. Authorization shall be furnished in writing.
2. No child labour should be engaged.
3. If any damage made to the department properties directly or indirectly shall be borne by the contractor equivalent to the cost of equipment/work.
4. 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.
5. The quoted value shall be **inclusive of GST and any other mandatory duties and levies of the Government.**
6. Police Verification for Labourers: Police verification certificate (PVC) of all labour engaged at site shall be obtained by the bidder for issuance of entry pass at site. All stipulations and instruction given by security personnel, CISF from time to time shall be scrupulously be followed for entry/ exit of men and materials and as also during execution of work for security purpose. The rates quoted shall be inclusive of PVC charges and no extra payment will be paid from department in this regard.
7. The minimum rate of daily wages payable to Labourers employed on daily wages shall be as per statutory regulation/ Labour laws prevailing at the time of execution of the work and as amended from time to time by the competent authority.
8. Contractor should submit medical fitness, Police Verification Certificate, ESI & PF particulars of workmen involved in the work.
9. The contractor shall provide the registration details of Income Tax, GST etc. while collecting tender document and copies of the same shall be submitted along with tender document.
10. Performance Guarantee @5% of Work Order value shall be submitted within 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.
11. In case of non-submission of Performance Guarantee within prescribed/extended time, the Earnest Money Deposit submitted will be forfeited.
12. 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.
13. Income tax @ 2% or as applicable 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 Xerox copy of the same duly countersigned by him.

14. 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.
15. Offers received will be evaluated based on the total cost quoted inclusive of GST..
16. The offer should be kept valid for a period of three months from the date of opening of tender.
17. Incomplete and conditional tenders shall be rejected. However unconditional rebates are acceptable.
18. Contractors shall quote the rates both in words and figures.
19. 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.
20. 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.
21. 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.
22. Contractor shall sign each page of the tender document along with the Schedule of quantities & Rates.
23. 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.
24. NFC reserves right to accept or reject any quotation, either completely or partly, without giving any reasons.
25. 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.
26. Before quoting, the contractor may visit NFC-Kota Site for assessment of work with prior permission of Dy. Manager/works (NFC-Kota), may contact on 09414054927/9487048962
27. 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.
28. 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.

Criteria of eligibility for issue of tender documents

- 1) The Contractor shall have authorization for bore well drilling and having all the required facilities to drill the bore wells
- 2) The contractor shall be sole responsible for the work and no outsourcing or sub-contract is allowed.
- 3) Contractor shall have valid GST Registration certificate

LOCATION AND ACCESS TO SITE

- 1) Proximity of proposed site to existing Rajasthan Atomic Power Plant (RAPP) at Rawatbhata site facilitates sharing of existing security and infrastructure and is located approximately 1.6 km towards north-west of the existing Rajasthan Atomic Power Plant (RAPP) and approximately 0.6 km towards north-west of the existing Heavy Water Plant (HWP). The proposed site is located on the right bank of Rana Pratap Sagar (RPS) reservoir on Chambal River.

- 2) Industrial infrastructure is already well developed in the area serving the existing Rajasthan Atomic Power Plant (RAPP) and Heavy Water Plant (HWP) needs. Rawatbhata is connected to Kota and Chittaurgarh by rail and road. Kota is the nearest city located at 64 Km from the proposed site. The nearest railway station is Kota junction at 50 Km from the proposed site. The nearest airports are at Udaipur and Jaipur which are about 250 Km and 300 Km distance by road from the proposed site. NH-12 passes through Kota which also links Jaipur – Jabalpur. Another highway, NH-76 also passes through Kota that links Chittaurgarh to Shivpuri in Madhya Pradesh and finally connects to NH-3 (Agra – Mumbai highway). There are two ecologically significant areas – Bhaisroargarh Sanctuary and Jawahar Sagar Sanctuary within a distance of 10 Km radius.

- 3) Nature of Soil : Wet Rocky Sandstone

- 4) The climate conditions at proposed site location are as indicated below:
 - Maximum Temperature : 50.73°C
 - Minimum Temperature : 2.58°C
 - Relative Humidity : Maximum 87%
 - Rainfall Yearly (Average) : 831mm
 - Heaviest Rainfall (in 24 hrs) : 363 mm
 - Maximum Flood Level : 355.47 above MSL
 - The predominant wind direction has been usually more in West-South-West (WSW) direction during summer and winter and North-North-East (NNE) to North-North-West (NNW) in pre winter and winter seasons.
 - Normal Wind Speed:
 - 8.3 m/sec at 90m height
 - 10.5 m/sec at 120m height
 - Extreme Wind Speed:
 - 49.79 m/sec at 10m height
 - 54.82 m/sec at 30m height
 - 57.83 m/sec at 60m height
 - 59.85 m/sec at 90m height

Technical specifications for drilling/digging of bore well/Tube-well

A. General :

1. This specification covers Digging/drilling of bore well/tube-well at various locations at NFC-Kota site, Rawathbhata.
2. All tools, tackles, machinery, man power etc., required for the successful completion of the work shall be arranged by the contractor only. Department will not provide any tools or equipment.
3. Safety and safe custody of all men, materials etc., required by the contract during the above work shall be the responsibility of the contractor.
4. The work shall be carried out generally as per the relevant Indian standards

B. Scope of the work:

1. Digging/drilling of bore well/tube-well of 6.5” diameter (165 mm dia) to a depth up to 500 feet in all types of soil areas/terrains.
2. Fixing of tube-well/bore well sites, marking their numbers will be done by the department.
3. Supply and erection of 160 mm dia including Installation of requisite well assembly i.e., housing pipe, blind pipe, slotted pipe or strainers, bail plug and other accessories.
4. Precautions should be taken to prevent damage to the tube-well/bore well during the drilling. Precautions should also be taken to avoid any accident during drilling.
5. Providing and laying plain concrete of M20 grade including shuttering, tamping, ramming vibrating, curing etc.