

**Government of India
DEPARTMENT OF ATOMIC ENERGY
NUCLEAR FUEL COMPLEX
CIVIL ENGINEERING DIVISION
Civil Maintenance Section
HYDERABAD - 500062**

NOTICE INVITING e-TENDER

TENDER NOTICE NO: M - 334/2017

NIT Details

1. On line item rate tender in two parts i.e. Part A –Techno-commercial Bid and Part B – Financial Bid are hereby invited through **e-Tendering mode** on behalf of the President of India for the following work from eligible contractors on approved list of CPWD, MES, Railways, State PWDs, Public Sector Undertakings of Central or State Governments / Central Autonomous bodies or those having adequate experience and capabilities to execute similar works of such magnitude in Department of Atomic Energy (DAE).

1. i) Name of Work : Providing Acid Resistant tiling in ZOP, SMP, NZFP, NUOFP and other plants at NFC, Hyderabad.
- ii) Estimated Cost : **Rs. 85.00 lakhs**
- iii) Earnest Money : **Rs. 1,70,000/-**

Note: Earnest Money in original to be submitted preferably in the form of Fixed Deposit Receipt / Demand Draft / Bankers Cheque / Pay Order of a Scheduled Bank, issued in favour of **Pay and Accounts Officer, NFC, Hyderabad.**

A part of Earnest Money is acceptable in the form of Bank Guarantee also. In such case minimum 50 % of the Earnest Money or ` **20.00 Lakhs**, whichever is less, shall be in the form prescribed above and balance can be accepted in the form of Bank Guarantee issued by a Scheduled Bank as per Appendix 'A' of Tender Part 'A'.

- iv) Cost of Tender Document : **NIL**
- v) Tender Processing Fee : **Rs. 4916/- by e-payment through electronic mode**
(Nonreturnable) in favour of M/s ITI Limited, New Delhi
- vi) Period of completion : **12(Twelve)** calendar months period.
- vii) Dates for Request for purchase / : From 08.03.2017 (10:00 Hrs.) to 26.03.2017
Download of Tender Document (upto 21:00 Hrs) on website www.tenderwizard.com/
(excel / word formats) DAE. Detailed NIT is also available on website www.nfc.gov.in for view only.

- viii) Date of Pre-bid clarification : The contractors are requested to send their Pre-bid queries by email not later than **-N A-**.Pre-Bid meeting will be held **-N A-**.The Pre-Bid clarifications will be uploaded in Tenderwizard website by **-N A-**.
- ix) Last date and time of closing of online submission of tenders : 27.03.2017 (21:00 Hrs)
- x) Last date for submission of original documents towards Receipt of e-payment towards Tender Processing Fee and EMD : On or before 30.03.2017 (14:00 Hrs) at Dy. Chief Engineer (CED, EP & PD), NFC, Hyderabad in a sealed super scribed envelope mentioning name of work and NIT Number. Original documents should be submitted preferably in person. However documents sent by post or courier will also be considered provided the same is received within due date & time.
- xi) Date and time of online opening of Part A : 30.03.2017 (15:00 Hrs)
- xii) Date of opening of Part B of qualified bidders : Will be notified at a later date

Information, Eligibility Criteria, Conditions and Instructions Information:

2. Tender document is prepared in two parts viz. Part 'A' (Techno-commercial Bid) and Part 'B' (Financial Bid). Part 'A' consists of Techno-commercial Bid viz. Section I – Notice Inviting e-Tender (English & Hindi versions), Section II - Form of Agreement and General Rules and Directions for the guidance of Contractors, Memorandum, Section III – General Conditions of Contract, Additional conditions, Section IV - Special Instructions to Tenderers, Section V – Technical specifications, Section VI - List of Tender Drawings, Section VII – Schedule 'A' (Schedule of Materials to be supplied by Department), Appendix 'A' – Bid Security (Bank Guarantee), Appendix 'B' – Form of BG bond for performance security, Appendix 'C' – Indenture for secured advance, Appendix 'D' – Guarantee bond for waterproofing works, Appendix 'E' – Guarantee bond for anti-termite treatment, Annexure 'A' – Statement of men and machinery, Annexure 'B' – List of approved manufacturer of building materials, all corrigendum's to tender documents and Proforma of Schedules 'A' to 'F'. Part 'B' (Financial bid) consists of Schedule 'B' - Schedule of Quantities. **AERB Industrial safety control of works.**

Prospective Bidders or general public can see and download free of cost **PDF format** of the above documents from website www.tenderwizard.com/DAE.

To participate in the tender, Prospective Bidders are required to download the **excel format** of Part A Techno-commercial Bid containing Techno-commercial Sheet, Annexure A, List of similar works completed & List of works in Hand and Part B- Financial Bid containing Schedule 'B' after Login in the Home page of the website www.tenderwizard.com/DAEwiththeir **User ID / Password & Class**

III Digital Signature Certificate. Steps to download EXCEL documents are following:

- i. Click on **“UNAPPLIED”** button;

- ii. Click on “**REQUEST**” icon (blue colour),
- iii. Pay TENDER PROCESSING FEE online.
- iv. Click on “**SUBMIT**” button.
- v. Click on “**IN PROGRESS**” button.
- vi. In status column bidder will find the tender is **RECEIVED**.
- vii. Bidder will be able to download required Tender Documents by clicking “EDIT ATTACHMENT” icon for any number of times till last date of submission Prospective bidders have to fill the **excel documents** and upload the same **without renaming** it. Please refer Help Manual for submission of Tender / contact Help Desk as per NIT.

The Tender documents - Section II, III,IV&V and Construction safety manual which are part of Tender Document are available on website [www.tenderwizard.com/DAE -Downloads-NFC](http://www.tenderwizard.com/DAE-Downloads-NFC) **DOCUMENTS**.

A set of tender drawings (Section VI) for the mentioned works will be made available to the tenderer only for inspection in the office of Tender Inviting Authority during the mentioned tender sale period and bidders, if required can come personally to study the drawings and the same shall not be available on the web site.

All the above documents will form part of Agreement after award of work to the successful bidder.

Initial Eligibility Criteria:

3. The bidder should have the following :

- (a) Registration in Appropriate Class of Contractors, if any
- (b) Bank Solvency Certificate of a Nationalized Bank / Scheduled Bank for a minimum of **Rs. 34.00 lakhs** and should not be older than one year from the date of opening of tender.
- (c) Average Annual Financial Turnover on construction works should be at least **85.00 Lakhs**, during the immediate last 3 consecutive financial years ending **31st March 2015/2016**. This should be duly audited by a registered Chartered Accountant.
- (d) Should not have incurred any loss in more than two years during last five years ending **31st March 2015/2016**.
- (e) Carried out similar works during last 7 years.
- (f) Performance Certificates.
- (g) Construction Plant & Machinery, equipment’s, accessories & other infrastructure facilities to complete the work in time.
- (h) Required Technical Staff.
- (i) Valid Registration Certificate issued by Department of Sales Tax, Telangana for VAT (TIN No.)
- (j) Permanent Account Number (PAN).

The bidder should have satisfactorily completed (based on certification of performance by client of the works)

3 (Three) similar completed work value not less than 40% of estimated cost i.e Rs. 34.00 lakhs or

2 (Two) similar completed work value not less than 60% of estimated cost i.e Rs 51.00 lakhs or

1 (One) similar completed work value not less than 80% of estimated cost i.e Rs 68.00 **Lakhs** during the last 7 (Seven) years ending on the last day of the month previous to the one in which the tenders are invited **and if the eligible similar works are not carried out in Central Government / State Government / Public Sector Undertaking of Central or State Governments / Central Autonomous bodies, then TDS certificates should be produced by bidder for the same.**

4. For the purpose, 'cost of work' shall mean gross value of the completed work including the cost of materials supplied by the Govt./Client, but excluding those supplied free of cost. For the purpose of clause Similar Works means **"ACID RESISTANT TILING WORKS "** **The similar works should have been executed in India.**

5. The value of executed works shall be brought to the current costing level by enhancing the actual value of work at simple rate of 7 % per annum, calculated from the date of completion to last date for Request for purchase / Download of Tender Document

6. Bidder should be a registered firm in India.

7. After opening of Part 'A' of tender Dy. Chief Engineer shall constitute an inspection team which will visit selected worksites of ongoing/completed works of the tenderers to evaluate the capability of the tenderers based on the following:

- a) Financial capability and their turnover during the last 5 years.
- b) Technical capabilities of the company in the light of subject work.
- c) Nature of works executed by the tenderer during last 7 years.
- d) Organizational structure of the company.
- e) Necessary Resource required by company to carry out the subject work.
- f) Time & quality consciousness.
- g) Tendency of the company with regard to making extraneous claims and disputes.
- h) Site planning ability.
- i) Tendency of the company to award the work on back to back / subletting.

8. As per the security procedure in force in NFC, Hyderabad, the successful bidder shall be vetted by the Security Section of NFC before award of the work.

9. No modifications in the tender shall be allowed after opening Part 'A'.

10. Tenders with any condition including conditional rebate shall be rejected. However, tenders with unconditional rebate will be accepted.

11. If any information furnished by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in NFC in future forever. Also if such a violation comes to the notice of Department before start of work, the Engineer-in-charge shall be free to forfeit the entire amount of EMD and Performance Guarantee.

12. The time allowed for carrying out the work will be reckoned from the 15th day after date of written order to commence the work or from the first day of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

13. Tender will be kept valid for **180 (One Hundred Eighty) days** from the Last date of closing of online submission of tenders.

14. In case the last date of receipt of original document towards Tender Processing Fee & EMD and opening of tender are declared as holiday, the respective date shall be treated as postponed to the next working day, correspondingly.

15. Original Demand Draft/Bankers Cheque/Pay Order / Fixed Deposit Receipt / Bank Guarantee, if any of a Scheduled Bank towards Earnest Money Deposit as applicable and receipt of e-payment done through electronic mode towards Tender Processing fee shall be submitted at aforementioned place, date and time otherwise Tenders are liable to be rejected and will not be processed further.

16. Cheques for Earnest Money Deposit will not be accepted.

17. The contractor whose tender is accepted will be required to furnish by way of security deposit for the due fulfillment of his contract, such sum as will amount to 2.5% of the work order tendered value of work order. In addition, the contractor shall be required to deposit an amount equal to 5% of the value of the contract as Performance guarantee before commencement of the work but not later than stipulated date of commencement. Performance guarantee of 5% can also be accepted in the form of Bank guarantees (in case Performance Security exceeds ` 1.00 Lakhs), fixed deposit receipts of Scheduled Bank or in the form of Government Securities.
18. The Security Deposit will be collected by deductions @ 2.5 % of the gross amount of the running bill of the contractors till the total security deposit recovered will amount to 2.5% of the work order value of work. The Security deposit will also be accepted in the form of Governments Securities, Fixed deposit Receipts of Scheduled Bank and Nationalized Bank. These shall be endorsed in favour of the Pay and Accounts Officer, NFC, Hyderabad. Earnest Money Deposit of successful bidder shall be returned back / refunded on receipt of Performance guarantee , however in case Performance guarantee is in the form of Bank Guarantee, Earnest Money Deposit will be released subsequent to confirmation of verification of Bank Guarantee from the issuing Bank.
19. If the successful tenderer, fails to furnish the prescribed performance guarantee on or before stipulated dates of commencement, the department (NFC) shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.
20. The acceptance of tender shall rest with department which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all of the tenders received, without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
21. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
22. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-In-charge shall be communicated to the Engineer-In-charge.
23. The department reserves the right to accept the whole or only part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
24.
 - i) This work comes under Works Contract. Works Contract Tax / VAT as applicable shall be deducted from each bill paid to the contractor.
 - ii) Sales Tax or any other Tax on material in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in this respect.
 - iii) Contractor should be registered under Service Tax and Service Tax as applicable as per the extent order on the subject on the above work shall be paid by the contractor to concerned Department and same will be reimbursed by the Department after satisfying that it has been actually and genuinely paid by the contractor. The bidder should not consider Service Tax in his rates.

- iv) Labour welfare cess @1% of gross value of work done shall be recovered from each bill paid to the contractor.
 - v) Income tax and cess as applicable shall be deducted from each bill paid to the contractor.
 - vi) Contractor should be registered under EPF & ESIC and as per law, or contractor shall pay EPF & ESIC of contract workers to concerned Department and it will be reimbursed to him by the Department after satisfying that it has been actually and genuinely paid by the contractor. The bidder should not consider EPF & ESIC in his rates.
 - vii) Any other taxes /cess as per Government directives shall be deducted from each bill paid to the contractor, from time to time.
25. If any tenderer withdraws his tender within the validity period and before award of work whichever is earlier or make 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 right or remedy, be at liberty to forfeit 50 % (Fifty Percent) of the Earnest Money absolutely. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
26. After award of work to the successful bidder, the contractor shall submit time schedule & cash flow statement for approval of Competent Authority which will form part of Agreement.
- 27. The Successful bidder whose tender is accepted will be required to obtain Police Verification Certificate (PVC) issued by Special Branch of Police at his own cost for all his Staff i.e. Engineers, Supervisors and workmen to work inside NFC and should quote accordingly. The PVC will be valid for three years.**
- In case of receipt of any adverse charter and antecedent remarks/ notification against the Contractor / Company/ firm/proprietor and/ or his contract personnel, consequent to the security vetting, NFC reserves absolute right to terminate the contract forthwith without assigning reason/ show cause notice. Under the circumstance the Contractor will have no right to claim good any losses/liability that may be incurred as consequence to the above action initiated by NFC, Hyderabad, NFC also reserves the right to forfeit in part/full performance guarantee and/ or security deposit in possession of the Government for failure on the part of the contractor to abide / adhere to the Security instruction issued by DAE/ NFC from time to time.

Instructions:

- 28. The contractor should be registered with www.tenderwizard.com/DAE. Those contractors not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.
- 29. The intending bidder must have valid class-III digital signature for Request for purchase / Download of Tender Document (excel / word formats).
- 30. The bid can only be submitted/uploaded after providing details of Fixed Deposit Receipts and or Bank Guarantee of any Scheduled Bank towards Earnest Money Deposit and other documents as specified.
- 31. Tenders will be received online up to time & date as mentioned above. Part A will be opened on the time & date as mentioned above. The receipt of Tender Processing Fee and EMD will be checked first. If found in order, Part A will be opened. After opening of Part A, for evaluation, the contractor's ongoing / completed work sites & offices will be visited and their Techno-commercial Bid related documents shall be evaluated and accordingly tenderers will be qualified /

disqualified by the Competent Authority. The Part 'B' (Financial Bid) of the qualified tenderers shall then be opened at notified date and time. Date of opening of Part 'B' (Financial Bid) will be intimated to all bidders by email

32. On opening date, the contractor can login and see the status of Bids after opening.
33. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in YELLOW colour and the moment rate is entered, it turns SKY BLUE. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
34. List of Documents to be scanned from original & uploaded within the period of bid submission by bidder:
 - i. Financial Turn Over certified by CA.
 - ii. Profit & Loss statement certified by CA.
 - iii. Latest Bank Solvency Certificate.
 - iv. List of Construction Plants and Machinery
 - v. List of Technical Staff
 - vi. Certificates:
 - a. Registration certificate, if any
 - b. Certificates of Work Experience / Performance Certificates
 - c. Certificate of Registration for Sales Tax / VAT / WCT
 - d. TIN Registration Certificate
 - e. PAN (Permanent Account Number) Registration
 - vii. FDR/DD/PO/BC of any Scheduled Bank against **EMD**.
 - viii. Bank Guarantee of any Scheduled Bank against part of EMD, **if any**.
 - ix. Undertaking that the eligible similar work(s) have not been executed through another contractor on back to back basis.
 - x. Undertaking as per Part A: Section II & Clause 11 of General Conditions of Contract

Note : During technical evaluation missing documents ,if any, can be asked by inspection committee for submission.

35. The Bidder is required to fill the following:

- a) Part - 'A'(Techno-commercial Bid)**
- b) Manpower & Machinery proposed for the work (Annexure 'A')**
- c) List of similar works completed during last seven years**
- d) List of works in hand.**
- e) Schedule - 'B'(Financial Bid)**

Notes:

1. Registered contractors can only purchase/download & submit/upload tenders after paying requisite fees.
 2. Interested agencies may visit website **www.tenderwizard.com/DAE** for registration.
 3. Contact for assistance/ clarifications (040) 27184202 / 271843020 / 27184378.
- Fax: (040) 27122532 during office hours.**

4. Contact for assistance for registration and participation in e-Tendering:

a) Shri Vijaya Kumar @ cell No: 07207042074 email-twhelpdesk694@gmail.com or

b) Ms **Sharada @ cell No. 09686115310 daehelpdesk@gmail.com** or **Shri Rudresh, cell No. +91-9969458639, email: rudresh.tenderwizad@gmail.com**

In case difference between wordings of English and Hindi version of NIT, the English version will prevail.

Signature of
Dy. Chief Engineer (CED, EP & PD)
Civil Engineering Division
Nuclear Fuel Complex
For and on behalf of President of India

Providing Acid Resistant tiling in ZOP, SMP, NZFP, NUOFP and other plants in NFC,
Hydrabad.

SCHEDULE OF QUANTITIES

Item No.	Qty	Description of Items	Unit	Rate in Rupees	Amount in Rupees
01	400.00	Dismantling the existing damaged acid resistant brick/tile work or any other flooring of average thickness of 25 mm to 50 mm including dismantling of bed mortar, damaged concrete base, removing all loose materials/ dismantled materials including stacking of materials upto a lead of 50 m as directed by Engineer-in-charge.	SQM		
02	450	Removing the cement plaster of various thickness from the existing masonry walls concrete surfaces etc., at all depths & heights including scaffolding and disposing the debris upto a lead of 50 m etc., complete as directed by Engineer-in-charge.	SQM		
03	10.00	Demolishing very carefully the existing plain cement concrete by chiseling / using concrete breakers at all depths and heights below and above plinth level, including disposing the debris upto a lead of 50 metres, making good the damages, if any done to the adjoining portions etc., complete.	CUM		
04	750.00	Hacking the existing cement concrete floor surfaces at an average of 1000 indentations of 3 to 5 mm deep per one sq. m with hacking hammers or chisels, cleaning the areas, disposing the debris within a lead of 50 m etc., complete.	SQM		
05	400.00	Providing Acrylic Polymer cement mortar plastering to the damaged external walls in 1:3 cement mortar admixed with Acrylic polymer modified reinstatement mortaring Roofcrete AR 576 or approved equivalent by	SQM		

		<p>Pidilite / Armstrong / Fosroc at 2 liter per bag of 50 Kg cement of an average thickness of 20 mm with neat finish including chipping and cleaning the existing damaged plastered surfaces, application of one coat of Acrylic Polymer bonding agent - Roofbond PB or approved equivalent by Pidilite / Armstrong / Cica / Fosroc at all heights above plinth level including required M S Scaffolding all as per manufacturers' specifications, curing and as directed by Engineer-in-Charge.</p>			
06	10.00	<p>Providing cement concrete M-25 screed mixed with Conplast WP 90 of M/s. Fosroc / Conproof LW200 of M/s Armstrong or its approved equivalent as per manufacturer's specification and as approved by the Engineer-in-Charge over the existing floor bases after applying a bonding coat of Polymer bonding agent NITOBOND of M/s. Fosroc / Roofbond PB or its approved equivalent mixed with cement slurry of 1 litre for 5 square metre at all heights for filling undulations / depressions and maintaining gradient towards drain points for easy flow of water, using 10 mm maximum size graded stone aggregates, mixing in mechanical mixture, laid to required levels, slopes and thickness, compacting, finishing, necessary curing etc., complete as specified and directed by Engineer in charge.</p>	CUM		
07	10.00	<p>Providing Brick masonry in CM 1:4 using approved clay bricks at all depths and heights below and above plinth levels, ranking out joints, scaffolding, curing completed as per specifications and as directed by Encineer-in-Charge.</p>	CUM		
08		<p>Providing corrosion resistant treatment to floors with Acid resistant unpolished vitrified tiles of required thickness mentioned below</p>			

		confirming to IS: 4457 (ENDURA of M/s. H&R Johnson India Limited) to resist corrosion action of Nitric Acid (HNO ₃) upto 60% concentration, Caustic lie 40% concentration and Organic Solvents (also to water in open areas which requires acid resistant polyster mortar) using Potassium Silicate bedding mortar as per IS: 4832, curing the joints with 20 to 25% HCl, pointing the joints using Carbon filled Sulphar cement including preparing the surfaces, cleaning etc. complete as per specifications and as per latest Version of IS: 4457 and as directed by Engineer-in-Charge to suit the above requirements and the thickness as mentioned below as per by manufacturers' recommandations, revelant standards and as directed by Engineer In Charge.			
A	380.00	20MM THICK TILES OF APPROVED SIZE AND SHADE FOR HEAVY DUTY FLOORS	SQM		
B	700.00	15 MM THICK TILES APPROVED SIZE AND SHADE.	SQM		
C	120.00	12MM THICK TILES OF APPROVED SIZE AND SHADE	SQM		
09	460.00	Providing corrosion resistant treatment to the floors, skirting and pedestals with acid resistant bricks of size 230 x115x38 mm thick as per IS 4800 to resist corrosion action of Nitric Acid (HNO ₃) upto 60% concentration, Caustic lie 40% concentration and Organic Solvents using Potassium Silicate bedding mortar as per IS: 4832, curing the joints with 20 to 25% HCl, pointing the joints using Carbon filled Sulphar cement including preparing the surfaces, cleaning etc. complete as per specifications and as per latest Version of IS: 4800 and as directed by Engineer-in-Charge to suit the above requirements and the thickness	SQM		

		as mentioned as per by manufacturers' recommendations, relevant standards and as directed by Engineer In Charge.			
10	750.00	Providing and applying 12 mm thick Ready made Bitumastic confirming to IS: 9510 with proper heating and mixing for protective coating on Concrete floor at 20 Kg / Sq.m over one coat of Bitumen primer confirming to IS: 758 below Acid resistant brick / tile lining including thorough washing and cleaning of concrete surfaces, air drying complete as per specifications and as directed by Engineer in Charge.	SQM		
11	400.00	Repairing the existing Acid resistant tile / brick lining joints by removing the damaged pointing and filler to the full depth of the tile, cleaning, preparing the joint with Potassium silicate mortar, sealing the joint using Carbon filled Sulphar cement complete all as directed by Engineer in Charge.	SQM		
12	200.00	Lead charges for disposal of debris by mechanical transport for lead beyond 50 m and upto 2 KM including loading, unloading, leveling the materials at dumping yard (voids @30% shall be deducted from the corresponding stack / truck measurement)	CUM		
			Grand Total Rs.		

Note: The above quoted value is exclusive of ESI, EPF and service tax components.