



**NATIONAL INSTITUTE FOR EMPOWERMENT OF PERSONS  
WITH MULTIPLE DISABILITIES**

*(Dept. of Empowerment of Persons with Disabilities)*

*(Ministry of Social Justice and Empowerment, Govt of India)*

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**NOTICE INVITING e-tender**

**NIT NO: NIEPMD/ESTATE 6(10-A)/2013-14**

Name of work: **Construction of Rain water harvesting system- at NIEPMD Campus, Muttukadu, Chennai-112**

Estimated cost: **Rs.5, 00,000/-**

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Certified that this e - NIT contains 1 to 9 Pages. (Schedule of Quantity hosted separately)

**The Director,NIEPMD  
Muttukadu, Chennai-112**

**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF  
NIT AND TO BE POSTED ON WEBSITE**

(Applicable for inviting tenders on two bid system)

The **Director NIEPMD, Chennai** on behalf chairman, Executive council of Dept. of Empowerment of Persons with Disabilities, MSJ & E, GOI invites online Item rate tender from the Government enlisted contractor-Metro water/CPWD/MES and other Govt. organizations

S.No.	Particulars	Particulars
1	NIT No.	<b>NIEPMD/ESTATE 6(10-A)/2013-14</b>
2	Name of work & Location	<b>Construction of Rain water Harvesting System at NIEPMD Campus, Muttukadu, Chennai-112.</b>
3	Estimated cost put to tender (In Rs.)	<b>Rs.5,00,000/-</b>
4	Earnest money (In Rs.)	<b>Rs. 10000/-</b>
5	Period of Completion	<b>2 Months</b>
6	Last date & time of online submission of eligibility criteria, and Financial bids	<b>Up to 15:00 Hrs. on 07.08.2017</b>
7	Time & date of opening of eligibility bid.	<b>15:30 Hrs. on 08.08.2017 (online)</b>

1. The intending bidder must read the terms and conditions carefully, He should only submit his bid if he consider himself eligible and he is in possession of all the documents required.
2. Information and instructions for bidders posted on website shall form part of bid document.
3. The bid documents consisting scope of work, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website [www.eprocure.gov.in](http://www.eprocure.gov.in) or [www.niepmd.tn.nic.in](http://www.niepmd.tn.nic.in)
4. The agency shall deposit EMD amount Rs. 10000/- (Rs. Ten thousand only) and tender fee Rs.1, 000 (one thousand only) should be paid online through NEFT/RTGS in NIEPMD account and payment receipt to be uploaded (EMD and tender fee) with the Bid. Without EMD and tender fee shall not be considered for further evaluation.

NIEPMD Bank details are here under.

**A/C No.761297290**

**Type of Account: Saving Bank**

**Name of the bank: Indian Bank, Kovalam branch**

**IFS code: IDIB000K122**

**Branch code: 01176**

**Note:** please ensure that you need to mention the correct beneficiary account number and IFSC code as mentioned above while making payment via RTGS/NEFT. In the event of funds remitted to wrong beneficiary account number, NIEPMD, Chennai or its bank would not responsible for the same.

5. Those contractor not registered in the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the site.
6. The intending bidder must have valid digital signature to submit the bid.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears the 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)
10. The eligibility bid shall be opened first on due date and time mentioned above. The time and date of opening of the financial bid of contractors qualifying in the eligibility bid shall be communicated to them at a later date.
11. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

**Eligibility & List of documents to be scanned and uploaded with in the period of bid submission:-**

- i. Valid Contract Registration with Metro water/CPWD/MES and other Govt. organizations
- ii. Certificate of Registration for Sales Tax/VAT / service Tax
- iii. Receipt of EMD and Tender fee payment copy
- iv. Copy of Reg of EPFO / ESIC as applicable

### General term and Conditions

The work is estimated to cost Rs.5, 00,000/Estimate, however, is given merely as a rough guide.

1. The bid document consisting of scope of work, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website [www.eprocure.gov.in](http://www.eprocure.gov.in)
2. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
3. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
4. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
5. Interested contractor who wish to participate in the bid has also to make following payments as per serial No:4 and page no:- 1(Information to the contractor) in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank and to be scanned and uploaded to the e- Tendering website within the period of bid submission:
6. The bid submitted shall become invalid and cost of bid & e-Tender processing fee shall not be refunded if:
  - (i) The bidders is found ineligible.
  - (ii) The bidders does not upload all the documents (including service tax registration/ VAT registration/ Sales Tax Registration/EPFO/ESI) as stipulated in the bid Document.
  - (iii) If any discrepancy is noticed between the documents as uploaded at the time of Submission of bid and hard copies as submitted physically by the lowest tenderer In the office of tender opening authority.
7. The contractor whose bid is accepted will be required to furnish performance guarantee of **5% (Five Percent)** of the bided amount within the period specified in Schedule. This guarantee or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.
8. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all

Materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders 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 conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

9. The competent authority on behalf chairman, Executive council of Dept. of Empowerment of Persons with Disabilities, MSJ & E, GOI does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the
10. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
11. The competent authority on behalf Executive council of Dept. of Empowerment of Persons with Disabilities MSJ&E, GOI reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
12. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
13. The bid for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of financial bid, if any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid 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. Further the bidders shall not be allowed to participate in the rebidding process of the work.
14. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:- associated documents
15. The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

**ADDITIONAL CONDITIONS**

**Scope of work:** - The Scope of work will consist of Construction of Rain Water Harvesting system in NIEPMD Campus as per following details:

1. Rain Water harvesting system as per the Locations and Details of proposed recharge wells (RCWs)

**Rooftop Harvesting**

a. The Programming and Service block is the biggest in this campus. Rainwater falling on this block is brought down by several rooftop pipes located all around the building. The pipes located on the eastern side, discharges water onto unpaved native sandy soil, which will percolate efficiently into the soil to recharge the aquifer. Whereas the pipes located on the other three sides discharge water onto the lawn and asphalted roads, which may not percolate as efficiently. Four pipes on each side will have to be interconnected at the lintel level and taken to a 1.5M dia and 4.5M deep RCW. In all, 6 numbers RCWs will have to be dug (2 on the northern side, 2 on the southern side and 2 on the western side) for this block alone.

Northern side



North Western side



Southern side



b. In the Special Education Programme block there are once again several rooftop pipes located on all sides to bring down the rooftop rainwater.



Of these, the ones on the eastern side discharge the water onto unpaved areas, which are very sandy. This can be taken as harvesting. Whereas the pipes located on the western side discharge rooftop water onto lawns, which overflows onto asphalted roads, runs off and gets scattered. This should be harvested by interconnecting the pipes and taken to a 1.5M dia and 4.5M deep RCW located nearby.

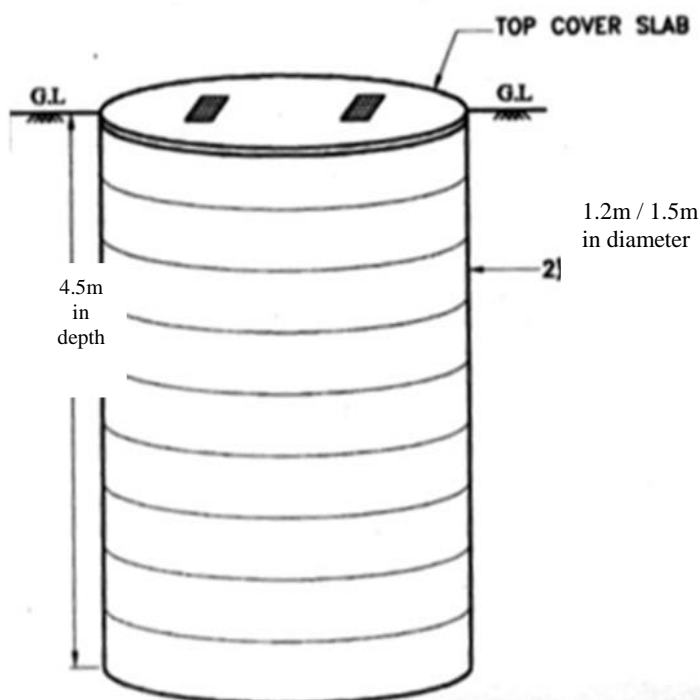




c. In the Existing Service building which is the only building with a sloping roof, the rooftop water has been channelized and brought down by two pipes. These pipes can be discharged into two 1.5M dia and 4.5M deep RCWs (one for each pipe) located nearby.



## DESIGN OF PROPOSED RECHARGE WELL



**TECHNICAL SPECIFICATIONS & SPECIAL CONDITIONS:**

1. Concrete grade to be used in RCC work will be M-20 with nominal grade mix as 1:1 ½:3 and reinf. Will bet MT bars.
2. Mixing of concrete will be in Diesel Operated Mixer. Hand mixing of concrete will not be allowed.
3. Compaction of concrete will be done by Nozzle Vibrator.
4. Cover blocks will be of concrete. Stone pieces will not be allowed to be used as cover block
5. Cement to be used for RCC work will be OPC 43 grade.
6. Sample of finishing materials will be first got approved by contractor before procuring in bulk.
7. Contractor will use only ISI marked materials (wherever applicable) and will use only those makes of materials in his work which have been mentioned in the list of 'Approved makes of materials' given below. Wherever NIEPMD so directs the Contractor, he will get the material tested at a suitable laboratory and submit test results to NIEPMD, at his own cost.
8. Detailed specification of various BOQ items will be as per relevant IS Codes & CPWD Specifications
9. Cost of concrete work (both PCC & RCC) quoted by the contractor will include mixing of concrete in Diesel operated mixer, transportation of concrete, compaction (with Nozzle vibrator), curing and finishing smooth.
10. Cost of brickwork and plastering will include curing for adequate number of days as per specifications.
11. Contractor will use only steel shuttering and scaffolding for casting concrete in RCC work
12. Since the excavation is up to 6 -7 mtrs from ground level, therefore, proper precaution to be taken care during execution of job till it's completion towards safety of man and material.
13. Proper slope to be made from excavated earth keeping in view the safety of man and material. It should comply with the latest CPWD safety norms and guide lines.
14. Before quoting rates, contractor is requested to see the site as the surrounding earth consists of soil, soft & hard rocks. Proper Machines are to be used for excavation of the area. Bidder must take care of all expenditure into account towards man, material and equipment while quoting rates.
15. Working area should be well protected from residents/children as work to be done in playground of NIEPMD Campus. The construction site area shall be cordoned off by providing GI Sheets around work site during execution. As per latest guide lines, contractor should ensure by proper covering so that dust does not fly around from excavation site. The cost for the above should be included in the item rates quoted. No extra payment will be made for the same.

**/CONTRACTOR/**

**The Director, NIEPMD  
Muttukadu, Chennai-112**

**Check list for Tender**

The technically bid shall be summarized rejected, if this document is not uploaded.

<b>S.No</b>	<b>Particular</b>	<b>Yes or No</b>
1.	Receipt of tender fee amount for Rs.1000 (one thousand only) ( non-refundable)	
2.	Receipt of EMD amount of Rs.10,000 (Ten thousand only)	
3.	Valid Contract Registration with CPWD/ state PWD/ MES registered with Civil Engg Works/water supply & sewage disposal works	
4.	EPF&ESI registration copy	
5.	Certificate of Registration for service Tax /VAT	

