

Advertisement



Tamil Nadu Disaster Risk Reduction Agency (TNDRRA)

O/o. Commissioner of Revenue Administration and
State Relief Commissioner (CRA & SRC),
Ezhilagam, Chepauk, Chennai-5

TNDRRA operates 3 shifts during monsoon season and other disasters and proposes to recruit specialised

- i) Hydromodelers (3)
- ii) Project manager(1)(meteorologist or similar specialisation as specified in recruitment notification)
following a walk-in selection process.

Venue: SEOC, TNDRRA, Ground Floor, Ezhilagam, Chepauk, Chennai-5

Date: 23.10.2025.

Walk-in-time: 10-10.30 A.M.

TNDRRA will not responsible for any late arrival. All further details of the recruitment are in <https://beta-tnsmart.rimes.int/index.php/spotlight/CF01>
The candidates who are selected, are expected to support TNDRRA for the upcoming North East Monsoon Season. The contact numbers, in case there is any difficulty in accessing the url is **9445567512** and **9566269134**

Sd./- M.Saikumar

Additional Chief Secretary/
Commissioner of Revenue Administration
and State Relief Commissioner

Tamil Nadu Disaster Risk Reduction Agency (TNDRRRA)

Fifth Floor, Ezhilagam Annex Building, Chepauk, Chennai, Tamil Nadu 600005

Recruitment Notification

[<https://beta-tnsmart.rimes.int/index.php/spotlight/CF01>]

Notification No.:	PROJECT/4979073/2023
Date:	15.10.2025
Authority	Tamil Nadu Disaster Risk Reduction Agency (TNDRRRA)
Date for walk-in process :	23.10.2025

The Authority specified above (hereinafter 'The Authority') is inviting applicants for a walk-in selection process as per details given below:

1.	Number of positions	(i) 2+1 (Senior) = total 3 Hydromodelers for the Chennai Real Time Flood Forecasting Project. (ii) 1 Senior Project Manager (Meteorologist or similar specialists as specified here) for the RIMES project.			
2.	Location and timing of work	In Chennai in TNDRRRA which is operational under the Commissioner, Disaster Management. It may be noted that TNDRRRA operates in 3 shifts during disasters/ disaster seasons.			
3.	Full time/ part time	Full time. There will be <u>no</u> 'work-from-home' option.			
4.	Remuneration	- A Hydromodeler will receive <u>upto</u> Rs.75,000/- monthly consolidated pay and a Senior Hydromodeler will receive <u>upto</u> Rs.1,75,000/- monthly consolidated pay. A Senior Project Manager will receive <u>upto</u> Rs.1,50,000/- monthly consolidated pay. The salary is fixed by Authority based on skills/performance /job aptitude evidenced in the selection process. - TA/ DA as per norms of authority, when travel outside Chennai is required. - Exact remuneration will be fixed by the Authority and it may vary from person to person based on skills. - Increments will be given annually based on a performance evaluation. (Upto 5% for meeting expectations of Authority. Increment for performance beyond expectations will be decided by Authority based on actual performance).			
5.	Leave, etc.,	- Individuals will be provided one day of leave for each completed month of service. There shall be no provision for accumulation of leave beyond one year. Encashment and carry forward also will not be permitted. - Other benefits will be as notified/ modified by Authority from time to time.			
6.	Age Limit	Maximum of <u>47</u> years of age on 01.01.2025. Those above this age limit need not apply.			
7.	Qualification and experience for Hydromodeler : Either combination 1 or combination 2 for hydromodeler and Either combination 1 or 2 or 3 for Senior hydromodeler	UG (any one)	B. Tech/BE in Civil Engineering/Agriculture/Agricultural Informatics/Agricultural Engineering.		
		PG (any one)	Hydrology, Water Resources, Environmental Engineering/ Water Resource Management / Environmental Management [or Equivalent courses with a base in hydrology, but accepted on the sole discretion of the Authority.		
		Ph. D (any one)	Hydrology, Water Resources Engineering, Water Resources Management, Environment Engineering related to Hydrology, Environment Management related to Hydrology and all accepted only on the sole discretion of the Authority.		
		Combination 1		Combination 2	Combination 3
		UG as stated above + ≥ 5 years work experience in hydromodeling for Senior and ≥ 2 years of work experience in Hydromodeling for Hydromodeler.		UG + PG as stated above + ≥ 3 years work experience in hydromodeling for Senior and ≥ 1 year of work experience in hydromodeling for Hydromodeler	UG + PG + Ph.D as stated above + ≥ 2 years work experience in hydromodeling on Mike Suite of software for rural and urban catchments for senior.
		Desirable: 80% + score or equivalent in CG PA, from 10 th to UG.			

8.	Job Description for hydromodelers	The selected personnel shall be willing to work in three shifts as decided by the Authority. The Modelling works include (but are not limited to) • Calibration, Validation of existing Mike Hydro Model for Chennai Basin. • Needs assessment for Development of Hydro models for Basins/sub-basins/Aol in Tamil Nadu from scratch including site appreciation. • Model conceptualization. • GIS and Time Series data preparation for setting up the Model. • Basic Image Processing. • Assessment of Hydrological parameters with available GIS, Soil, LULC and other datasets. • Calibration and Validation of the Hydro Model with available data. • Interpretation of Model results, Preparation of Reports and Presentation to Authorities. • Documentation and Progress report Submissions as per milestones. • Impact Assessment of Water Infrastructures proposed by Stakeholders through Hydromodels. • Other works related to Hydromodeling as assigned by IFMC. • For Seniors alone -Numerical Weather prediction – modelling for Tamil Nadu. Important : Those who apply will have to be familiar with the nuances of hydromodeling models such as to engage in ‘practical problem solving discussions’.			
9.	Qualification and experience for Senior Project Manager TNSMART and Multi Hazard Early Warning Centre. (The work currently being done under the RIMES project of TNDRA): Either Combination 1 or Combination 2	UG (any one)	B.Sc. / B.Tech. in one of the following: - Meteorology / Atmospheric Science - Physics - Environmental Science - Geophysics - Geography (with specialization in Climatology) - Civil / Environmental Engineering (with disaster management relevance)		
		PG (any one)	M.Sc. / M.Tech. / M.S. in: - Meteorology / Atmospheric Science / Weather Science/ Physics - Climate Science/ Climate Change - Oceanography / Physical Oceanography - Hydrology / Water Resources Engineering - Disaster Management / Natural Hazards and Risk Assessment - Environmental Engineering / Earth System Science		
		Ph.D (any one)	- Atmospheric Science / Climate Dynamics /Physics/ Numerical Weather Prediction - Climate Change Impacts and Adaptation - Monsoon Dynamics / Tropical Meteorology - Hydrometeorology / Flood or Cyclone Risk Modelling - Disaster Risk Reduction / Early Warning Systems / Resilience Studies (all accepted at the sole discretion of the Authority)		
		Combination 1		OR	Combination 2
		UG + PG as stated above + ≥ 4 years of Research Experience + Evidence of skills in Data processing and coding (Python, MATLAB, CDO, etc.,) + Evidence of skills in GIS, visualisation and Integration + Evidence of skills in Modeling and Forecasting. + Should have worked in a team dealing with multiple hazards.			UG + PG + Ph.D as stated above + + Evidence of skills in Data processing and coding (Python, MATLAB, CDO, etc.,) + Evidence of skills in GIS, visualisation and Integration + Evidence of skills in Modeling and Forecasting. + Should have worked in a team dealing with multiple hazards.
		Desirable : 80% + Score or equivalent in CG PA, from 10th to UG.			
10.	Job description	i) Management of the ongoing RIMES project (TNSMART and the Multi Hazard Early Warning Centre, TN Alert) as described in G.O (Ms) No.26, R & DM Department, DM Wing DM III (2) Section, dated 01.02.2024; converging that project with the Integrated Flood Management Centre (IFMC) activities and transitioning it into Tamil Nadu State Institute of Disaster Management (TNSIDM) when TNSIDM is established. The relevant G.O. is attached.			

		ii) Liaisoning and working with all other stakeholders engaged by TNSDMA for RTDAS, drought, landslide, etc., such that these works get integrated into TNSMART and the Multi Hazard Early Warning Centre. iii) The setting up of a team in TNSIDM and taking the work forward seamlessly with RIMES, IMD, NCS, INCOIS, IITM (Pune), NRSE, SAC, etc., Important : Those who apply should be familiar with relevant government and private modeling and forecast instruments and sites which are currently available worldwide.
11.	The Selection process in summary	The walk-in selection process will <u>test practical skills</u> and the job aptitude required in TNDRRA rigorously. The candidates should carry their own laptop fully charged, with arrangements for internet on their own through mobile hotspot or otherwise. Those who walk-in during the time specified will have to submit their self-certified biodata, supporting documents, references and credentials and these will be examined by TNDRRA for shortlisting. The shortlisted candidates will go through the multi-stage process (which could take the entire day of 23.10.2025), as will be informed after the shortlisting process. Candidates can leave only after TNDRRA has informed that the selection process is complete. TNDRRA on completion of selection, will verify as required the credentials, references, etc., and inform provisional selection. Full confirmation will happen only after observing the performance of the selected candidates on-the-job for 6 months. Falsification of facts in documents submitted or conveyed during the selection process will be viewed seriously and will result in non-confirmation of the recruitment even after provisional selection, [i.e. if any document /reference/discussion/job aptitude is found amiss during formal verification process and on-the job in TNDRRA]. Provisionally selected candidates are expected to be in a position to support TNDRRA for the upcoming (Northeast Monsoon season). TNDRRA proposes to set up an Integrated Flood Control Management Centre and a TN State Institute of Disaster Management shortly. If the performance of the selected candidates meets the expectations of the Authority, they will transition into the same positions in the relevant new institutions. This transition is at the sole discretion of the Authority.

APPLICATION

12. The applicants must appear for the walk-in-process in TNDRRA, State Emergency Operation Centre (SEOC), Ground Floor, Ezhilagam, Chepauk, Chennai, on 23.10.2025 between 10.00 am and 10.30 am. Late arrival will not be entertained.
13. In case electronic participation is required, please inform 9894022530 and write an e-mail to tnstateeoc1@gmail.com & copy to tnsdma.director@gmail.com by 05.00 pm, 21.10.2025. E-mails later than this time will not be entertained. Requests for electronic participation will be allowed solely on the discretion of the Authority, only if (i) the e-mail describes the circumstances which prevents the candidate from coming physically; (ii) the e-mail has the handwritten covering letter if relevant, the bio-data in the format enclosed and photo identity proof as stated in SI.No.23 below signed, scanned and attached with the e-mail and as many supporting documents as is possible attached too and (iii) the Authority is convinced of the reason in (i) and the value of the candidate in (ii) based on the details in the biodata.
14. If any of the e-mail applicants as per SI.No.13 are shortlisted by the Authority, only then will the Authority communicate with them on phone/e-mail. If no communication from Authority is received by 5 p.m. on 22.10.2025, such candidates who requested for electronic participation, may not correspond on phone or e-mail with Authority on 23.10.2025 or later.
15. There is no registration/ application fee.
16. The applicants must bring hand written/typed application (with a hand written covering letter, if relevant).
17. The application shall contain a hand written covering letter if relevant, biodata in the attached format, copies of education qualifications starting from 10th std onwards and proof of experience. The appointment order/Salary slips/Experience Certificate shall provisionally be considered as proof of experience. At the sole discretion of the Authority, self-certificate can also be considered as proof of experience. The formal Experience Certificate shall be provided upon provisional selection.
18. In case shortlisted candidates are not selected, the selection Panel in the Authority will take a final decision on retaining these candidates on a waitlist for future recruitment with same job-description or if these candidates are to be dropped from the wait list for future recruitments.
19. If more than the required number of candidates are found to be as qualified by the selection panel, the Authority may, at its discretion, decide to empanel or wait list such candidates also, for future recruitment with same job description in various positions under TNDRRA without TNDRRA having to advertise afresh. All further notifications will only be placed on the Authority's website.

20. In case the Selection Panel is convinced of the candidature of a particular candidate despite the candidate not being selected for the said post, the Panel may recommend the candidate for consideration for an alternate post in a relevant organisation under this Authority without the Authority having to place fresh advertisements/ call for fresh applications if such recruitments take place within 2 years of the date of this Notification.
21. The final selection of the candidate will be based on the score in the selection process. In case the scores of two candidates are tied, the candidate with the higher score in the practical skill test will be given preference. It may be noted that the skills are of primary importance in TNDRA.
22. Candidates serving in International Organisations /Government/ Quasi Govt. offices/ Public Sector Undertakings (including nationalised banks and financial institutions)/private companies/ research or educational institutions are not required to produce a No Objection Certificate from their employer/ research guide at the time of attending the selection process in view of the short time frame within which the process takes place. These documents will have to be produced later in the form of a NoC or a reference with conduct specifically certified, in case of provisional selection.

DOCUMENTS TO BE SUBMITTED

23. When submitting application form:
 - a) Self-attested and signed resume with a clear passport size photograph of the candidate in the given format is required at the time of walk-in. There can be no exemption to this.
 - b) Photo-identity proof (Aadhar Card/Passport/EPIC/PAN Card/Driving License- Any one in original).
24. Candidates will have to submit the following documents in hard copy of PDF format along with the application. (These will be kept with the Authority after verifying with organisations/ originals in case of provisional selection.)
 - a) Proofs of computer skills or proficiency in other stated skills in the form of references or certificates.
 - c) Marksheet and Certificate of Class 10, Class 12, Graduation/ qualifying degree, postgraduation etc.
 - d) Proof/ testimonials from a Research Guide, Reporting Manager (or) Former Reporting Manager certifying each of the Skills/ Experience details that were selected (ticked) on the application form.
 - e) Experience certificates.
 - f) Any other relevant document in support of eligibility or evidence of past work (write ups/ proposals etc.).
 - g) Date of birth certificate or proof of date of birth in any educational certificate, etc.,

The above documents will be verified for completeness and their adherence to the details in the resume/ biodata form on the day of walk-in and with the originals later. The documents submitted will be checked by the Authority and the candidates will be called for reporting to work only if their application form and the proof submitted satisfy the Authority. In case the provisionally selected candidates do not meet the requirements on such verification, the next in the wait list may be called by the Authority.

25. Original documents to be produced for verification (as applicable) within such number of working days specified by the Authority, after communication of provisional selection:
 - a) Proof of computer skills or proficiency in other stated skills in the form of references or certificates.
 - b) Proof/ testimonials from a Research Guide, Reporting Manager (or) Former Reporting Manager/ any other relevant proof certifying each of the Skills/ Experience details that were selected (ticked) on the application form.
 - c) Proof of date of birth (Birth Certificate issued by the competent Municipal authorities or SSLC/ X std. with date of birth).
 - d) Photo identity proof (with the photo of the candidate clearly visible) issued by the competent authority viz., Aadhar Card/ Passport/ Electors Photo ID Card/ PAN Card or Driving license. No other ID cards will be accepted.
 - e) Marksheet and Certificate of Class 10, Class 12, Graduation or qualifying degree examination, Postgraduation etc.
 - f) Candidates serving in International organisations/Government/ Quasi Govt. offices/ Public Sector Undertakings (including nationalised banks and financial institutions)/private companies/ research or educational institutes are required to produce a No Objection Certificate from their employer/ research guide where conduct is specifically certified.
 - g) Experience certificate.
 - h) Any other relevant document in support of eligibility or evidence of past work (write ups/ proposals etc.) stated in the resume/ biodata.
 - i) Requirements under 30 and 31 below.

GENERAL INFORMATION:

26. The post is on a fixed term contract, renewable every year based on the performance of the candidates, initially up to five years, extendable for further period (beyond five years) as decided by the Authority.
27. Only Indian nationals are eligible to apply.
28. All interviews will be conducted in English at Chennai.
29. While appearing for the interview, the candidate should produce all the required and valid certificates/ documents prescribed above. In the absence of certificates/ documents, candidature of the candidate could be cancelled at the discretion of the Authority if something is felt amiss. The Authority takes no responsibility to receive/ collect any certificate/ record/ document sent separately.
30. Certificate of fitness: Candidates provisionally selected for appointment to the post will be required to produce a certificate of physical fitness from a Registered Medical Practitioner when they are asked to report for work. The candidates will also need to certify that they are not insolvent prior to being appointed as given in the biodata format attached.
31. Correct and true information regarding arrest, convictions/ debarment/ disqualification by any recruiting agency, criminal or any disciplinary proceedings initiated or finalized, participation in agitation or any political organisation, candidature in election for parliament/ State Legislature/ Local Bodies, etc., if any, should also be furnished to the Authority, in the form of a self-declaration, at the time of application. Original of the judgement of Acquittals, order/ or G. O. dropping further action in Departmental proceedings or any document that may prove the suitability of such candidates for appointment in such cases must be produced at the stage/ time of certificate verification/ interview. The Authority reserves the right to conduct background checks on the candidates, prior to or after their appointment and in case any of the declarations are found to be incorrect, it could result in the termination of appointment.
32. Applications containing wrong claims relating to basic qualification/ eligibility age/ experience/ if the proof does not satisfy Authority, will be liable for rejection.
33. All appointed candidates will be subject to the policies, rules and regulations as notified/ modified by the Authority from time to time.
34. All appointed individuals will be expected to work with Government officers in teams, assigned to them and also with international bodies or private sector stakeholders as decided by the Authority.
35. All appointed individuals will be expected to use their own vehicles, laptops etc., for their work or make their own arrangements for the same.

OTHER INSTRUCTIONS:

36. Before applying for the post, the candidate should ensure that he/ she fulfils the eligibility and other norms mentioned in this notification. Candidates are therefore advised to carefully read this notification and follow all the instructions given.
37. A candidate's admission to the walk-in process and subsequent processes is strictly provisional. The mere fact that the shortlisting or provisional appointment has been issued or communicated to the candidate does not imply that his/ her candidature has been finally cleared by the Authority. The Authority would be free to reject any application, at any stage of the process, cancel the candidature of the candidate in case it is detected at any stage that a candidate does not fulfil the eligibility norms and/ or that he/ she has furnished any incorrect/ false information/ certificate/ documents or has suppressed any material fact(s). If candidature of any candidate is rejected for any reason according to the terms and conditions of this notification, no further representation in this regard will be entertained. If any of these shortcoming(s) is/ are detected after appointment in Authority, his/ her services are liable to be summarily terminated.
38. Decision of the Authority in all matters regarding eligibility of the candidate, the stages at which such scrutiny of eligibility is to be undertaken, qualifications and other eligibility norms, the documents to be produced for the purpose of conduct of examination, selection process, interview, verification etc. and any other matter relating to recruitment process will be final and binding on the candidate. No correspondence and personal enquires shall be entertained by the Authority in this regard. This is particularly relevant to communications from applicants through e-mail for electronic participation.
39. The Authority, if needed, reserves the right to fix criteria such that for each post advertised, not more than five candidates are shortlisted. In case less than five candidates meet the criteria set by the Authority internally, or

even if only one candidate meets such criteria, the Authority reserves the right to shortlist the individual and if found suitable, proceed through the process as stated here.

40. Not more than one application should be submitted by one candidate. In case of multiple applications only the latest valid (submitted) application will be retained. The Authority can consider the candidate for a position different from one applied for also, if it finds the candidature suitable.
41. Any dispute arising out of the notification including the recruitment process shall be subject to the sole jurisdiction of the Courts situated in Chennai.
42. Any canvassing or creating influence for undue advantage shall lead to disqualification from the process.
43. Any request for change of address, details mentioned in the submitted application will not normally be entertained subsequently.
44. A candidate should ensure that the signatures appended by him/ her in all the places viz. in his/ her letter, attendance sheet, etc. and in all correspondence with the Authority in future should be identical and there should be no variation of any kind.
45. In case of applications from candidates working in the past with Government, the previous pay could be protected, at the sole discretion of the Authority.
46. Candidates will have to appear for the examination/ interview at their own expense and make own arrangements for food and refreshments without leaving the premises designated by the Authority till the process is over. Normally, candidates will be expected to be with in the premises designated for the selection process by the Authority till it is announced that the selection process is over for the day. The Authority is not responsible for the non-availability of a candidate within designated premises till the selection process is over. It will continue with the selection process, without the non-available candidates.
47. Appointment of selected candidates is subject to their being declared medically fit and as per other requirements of the Authority mentioned in this notification and subject to service and conduct rules of Authority, as decided by its Board.
48. The Authority reserves the right to reschedule/ change (cancel/ modify/ add) any of the criteria, conduct of examination/ interview/ method of selection and provisional allotment etc. and these changes will be orally communicated, if relevant, to all candidates who are in the premises designated by the Authority.
49. Intimations will be sent to the applicants by email only to the primary email address mentioned in the application form submitted by the candidates. Hence, the applicant shall enter valid and functional mobile number and email ID. However, candidates are advised to check the website for the latest updates pertaining to this notification.
50. Appropriate action against the candidates found guilty of misconduct/ use of unfair means will be taken as per the norms of the Authority.
51. The Authority shall not be responsible if the information/ intimation does not reach candidates in case of change in the mobile number or e-mail ID, technical fault or otherwise, beyond the control of the Authority and the candidates are advised to keep a close watch on the website url and for latest updates, till the recruitment process gets completed.
52. Depending on the requirement, the Authority reserves the right to cancel/ modify the number of vacancies, if the need so arises, without any further notice and without assigning any reasons thereof.
53. The Authority reserves the right to alter the pay range/ qualifications/ number of vacancies for posts.
54. All decisions of the Authority with respect to this selection process are final and not open to challenge by candidates during the walk-in selection process. The Authority reserves the right not to select any candidate and even cancel the entire the process after conduct of the selection process also, without the need for any explanation.
55. The Authority has the right to terminate the service of any selected personnel with just one month notice time period.

ANNOUNCEMENTS:

All further announcements/ details pertaining to this process will only be published in the authorised website from time to time where the notification is published.

The above post, corresponding job description and number of vacancies are subject to change from time to time depending upon the evolving need of the organization. So, you are advised to keep visiting the website for current vacancies and position.

Date: 15.10.2025

Place: Chennai.

Biodata Format

(will be given in pdf and word format with advertisement)
(can be typed or handwritten)

Insert a Latest
passport size Photo

1. General

1.1	Position(s) for which applying now:	
1.2	Name :	
1.3	Date of Birth:	
1.4	Country of Citizenship:	Indian
1.5	Contact Details:	a) Email : b) Mobile : c) Landline :
1.6	Residential address:	
1.7	Gender :	
1.8	Current/ latest position (designation and organisation):	
1.9	How long have you been in current/latest position (in completed years and months):	
1.10	Are you holding any position or job now:	

2. Meeting of qualification requirements:

School, college and/or University Attended		Degree/certificate or other specialized education obtained and from which institution	Marks or CG PA (Please add a tick mark if you have scored $\geq 80\%$)	Date on which the degree was obtained	Details of Proof submitted / (If to be submitted please give date)	Whether original of proof was brought for examination or which date will it be possible to submit the same.
HYDROMODELER						
B.Tech / BE in Fill only relevant row.	Civil Engineering					
	Agriculture					
	Agricultural Informatics					
	Agricultural Engineering.					
	Others (Please Specify)					

School, college and/or University Attended		Degree/certificate or other specialized education obtained and from which institution	Marks or CG PA (Please add a tick mark if you have scored $\geq 80\%$)	Date on which the degree was obtained	Details of Proof submitted / (If to be submitted please give date)	Whether original of proof was brought for examination or which date will it be possible to submit the same.
PG in Fill only relevant row.	Hydrology					
	Water Resources					
	Environmental Engineering					
	Water Resource Management					
	Environmental Management					
	or Equivalent courses with a base in hydrology					
	Others (Please Specify)					
Ph.D. in any one of the following domains. Fill only relevant row.	Hydrology					
	Water Resources Engineering					
	Water Resources Management					
	Environment Engineering related to Hydrology					
	Environment Management related to Hydrology					
	Others (Please Specify)					
	SENIOR PROJECT MANAGER as specified in the recruitment notification					
B.Sc. / B.Tech. Fill only relevant row.	Meteorology					
	Atmospheric Science					
	Physics					
	Environmental Science					
	Geophysics					
	Geography (with specialization in Climatology)					
	Civil					
	Environmental Engineering (with disaster management relevance)					
	Others (Please Specify)					
M.Sc. / M.Tech. / M.S. Fill only relevant row.	Meteorology					
	Atmospheric Science					
	Climate Science / Climate Change					
	Oceanography / Physical Oceanography					
	Hydrology / Water					
	Resources Engineering					
	Physics					
	Weather Science					

School, college and/or University Attended		Degree/certificate or other specialized education obtained and from which institution	Marks or CG PA (Please add a tick mark if you have scored $\geq 80\%$)	Date on which the degree was obtained	Details of Proof submitted / (If to be submitted please give date)	Whether original of proof was brought for examination or which date will it be possible to submit the same.
	Environmental Engineering					
	Earth System Science					
	Disaster Management					
	Natural Hazards and Risk Assessment					
	Others (Please Specify)					
Ph. D Fill only relevant row.	Atmospheric Science					
	Climate Change Impacts and Adaptation					
	Monsoon Dynamics					
	Tropical Meteorology					
	Climate Dynamics					
	Numerical Weather Prediction					
	Hydrometeorology					
	Flood or Cyclone Risk Modelling					
	Disaster Risk Reduction					
	Early Warning Systems					
	Physics					
	Resilience Studies					
	Others (Please Specify)					
FOR ALL APPLICANTS						
12 TH Standard						
10 th Standard						

3. Meeting of Experience / skill requirements:

Sl. No.	Period	Employing organisation and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment	Details of Proof submitted / (If to be submitted please give date)	Whether original of proof was brought for examination or which date will it be possible to submit the same.
HYDROMODELING (Work experience. Please state specifically if you have worked on Mike suit software and also specifically whether you have worked in rural or urban catchments)						

Sl. No.	Period	Employing organisation and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment	Details of Proof submitted / (If to be submitted please give date)	Whether original of proof was brought for examination or which date will it be possible to submit the same.
SENIOR PROJECT MANAGER – RESEARCH EXPERIENCE & OTHER SKILLS						
				Research experience		
				Skills in data processing and coding		
				Skills in GIS, visualisation and integration		
				Skills in modeling and forecasting		
				Details of working with a team dealing with multiple hazards		

4. Membership in Professional Associations and Publications:

4.1 Membership in Professional Associations:
•
•
•
•
4.2 Publication
•
•
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•
•
•
•
•

5. Language Skills: (Please add Computer languages)

Language	Reading	Speaking	Writing	Coding

6. Projects Implemented or participated or worked in previous positions after completing UG:

7. Computer related skills other than stated above or further details of computer skills stated above:

Sl.No.		Proof which can be given as evidence.

8. Alternate mobile number owned:

9. Alternate Contact information in case not reachable on mobile:

Name of the alternate contact :	
Relationship:	
Whether living in the same residential limit as you :	
Mobile number of the alternate contact :	

10. Certification: I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I am medically fit and am solvent.

11. I do not wish to submit a separate handwritten covering letter. Please consider this as my full application. (or strike this out, if separate handwritten covering letter is going to be submitted).

12. I have no history or currency of arrest, conviction, debarment, disqualification, bad conduct, criminal or disciplinary proceedings or any conduct pertaining to Sl. No. 31 of the recruitment notified for which this application is being submitted OR [as appropriate(Attach details separately)].

Name of Applicant

Signature

Date

Sd./- M.Sai kumar
Additional Chief Secretary/
Commissioner of Revenue Administration
and State Relief Commissioner



ABSTRACT

Disaster Management – Announcement made by the Hon'ble Minister for Revenue and Disaster Management in the Legislative Assembly on 12.04.2023 - Developing a new TN-Alert mobile app and upgradation of Tamil Nadu System for Multi-hazard potential impact assessment, Alert, emergency Response Planning & Tracking (TNSMART) providing technical expertise to strengthen the State Emergency Operation Centre as the Multi Hazard Early Warning Centre - Sanction a sum of Rs.12,37,60,776/- from the Preparedness and Capacity Building funding window of the State Disaster Response Fund - Orders Issued.

REVENUE AND DISASTER MANAGEMENT DEPARTMENT
DISASTER MANAGEMENT WING, D.M.III (2) SECTION

G.O. (Ms) No.26

Dated:01.02.2024,
சோபகிருது வருடம், தை -18
திருவள்ளூர் ஆண்டு -2055,
Read:

1. The announcement made by the Hon'ble Minister for Revenue and Disaster Management in the Legislative Assembly on 12.04.2023.
2. From the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner Letter No. DOC / 4979073 / 2023, dated: 26.07.2023.
3. Minutes of the State Executive Committee Meeting held on 08.09.2023.
4. Government letter No.e-11947/DM.III(2)/2023-1, dated 26.09.2023.
5. From the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner Letter No. DOC / 4979073 / 2023, dated: 25.09.2023.

ORDER:

In the announcement first read above, the Hon'ble Minister for Revenue and Disaster Management has made the following Announcement during the Revenue Demand in the Legislative Assembly on 12.04.2023:-

"01-பேரிடர் முன்னறிவிப்பு பேரிடர் மேலாண்மை மற்றும் தொடர் கண்காணிப்பு அமைப்புகளை வலுப்படுத்தி புதிய TN-Alert கைபேசி செயலி மற்றும் மேம்படுத்தப்பட்ட TN_SMART செயலி ரூபாய் 12.50 கோடி மதிப்பீட்டில் உருவாக்கப்படும்."

"பொதுமக்களுக்கு இருப்பிடம் சார்ந்த பேரிடர் குறித்த முன்னெச்சரிக்கைகள் இடி, மின்னல், மழை, நீர்த்தேக்கங்களின் நீர் இருப்பு உள்ளிட்ட தகவல்கள் வழங்கும் வகையில் TN-Alert என்ற கைபேசி செயலி மற்றும் மாநில மற்றும் மாவட்ட அளவிலான அலுவலர்கள் பயன்படுத்தும் வகையில் மறு வடிவமைக்கப்பட்ட TN-SMART செயலி மற்றும் பல்வேறு துறைகளில் அனுபவம் பெற்ற நிபுணர்களின் குழு உடன் கூடிய ஒரு தொழில்நுட்ப அலகு ஆகியவை ரூபாய் 12.50 கோடி மதிப்பீட்டில் நிறுவப்படும்"

2. In the letter second and fifth read above, the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner has stated as follows:-

Part I - Development of TN-ALERT Public Centric Mobile Application (3 months), Update and Maintenance for two year.

Development of a user-friendly, public-facing mobile application aimed at generating and communicating the most relevant information desired by the public about imminent extreme weather events and other hazards. The total estimated cost of development of TN ALERT Mobile App Android and IOS Versions, update and Maintenance is INR ₹.65,36,384 (\$79712)

Part II: Upgradation of TNSMART Mobile and Web Application-with Creation of Dash Boards for dynamic monitoring of Multi Hazards. (6 Months), Update and Maintenance for two years

The present Tamil Nadu System for Multi-hazard potential impact assessment, Alert, emergency Response Planning & Tracking (TNSMART) Mobile Application provides access to the State and District officials based on their location from where they access to up to five locations of their preferred locations. This poses a restriction for officials to understand upstream downstream and neighbouring district information. Development of a mobile application for administrators at Tamil Nadu State Disaster Management Authority (TNSDMA) (State level) with a dashboard for easy access to priority information on extreme events. The tailored mobile application will ensure that administrators will have full access to all required features from the current web portal including hazard monitoring and to generate and disseminate any required reports. Credential-based access that is customized to each category of user would also be facilitated for selected district, block and village-level officials for operational use. The total estimated cost of upgrading of TNSMART Web Portal, TNSMART Mobile App Android and IOS Versions, Creation of Dash Boards update and Maintenance is INR ₹.34,95,742 (\$42631).

Part III: Strengthening the State Emergency Operation Centre with a Technical Cell to function as Multi-Hazard Early Warning Centre (Two Years and Handholding for one year)

The Strengthening of the State Emergency Operation Centre with a Technical Cell to function as a Multi-Hazard Early Warning Centre consists of the following components:-

- A. Strengthening State Emergency Operation Centre with an Establishment of Technical Cell to Enhance the Multi-Hazard Early Warning Capabilities
- B. Establishment of Real-Time Data Acquisition from Automatic Rain Gauge (ARG) and Automatic Weather Station (AWS) and Decision Support Systems (DSS)
- C. Instrumentation for the Multi-Hazard Early Warning Centre- Hardware, Software for Data Storage and Office equipment
- D. Establishing a partnership with Regional Integrated Multi-Hazard Early Warning System (RIMES)
- E. Strengthening State Emergency Operation Centre with an Establishment of a Technical Cell to Enhance the Multi-Hazard Early Warning Capabilities.

A. Strengthening State Emergency Operation Centre with an Establishment of a Technical Cell to Enhance the Multi-Hazard Early Warning Capabilities

1. Multi-Disciplinary Technical Expert Services from RIMES (Remote) for enhancing the Multi-Hazard Early Warning Capability:-

Technical Expert Services for enhancing the Multi-Hazard Early Warning Capabilities to support proactive management of disaster risks by housing and sustaining, enhanced TNSMART Decision Support. The expertise from various domains viz., Meteorology, Climatology, Coastal Hydrodynamics, Hydrology, Seismology, Oceanography, Information and Communications Technology, Remote Sensing, Geographic Information Systems, Mass Communication, Climate Information Application and Disaster Risk Management will be availed from RIMES based on the need and for a specific period. The services will be utilised to maintain, operate and sustain emergency operations and guide TNSDMA's proactive, risk-informed decision-making. The Hazard Risk Vulnerability Analysis and Risk Mapping will also be completed with these expert services. Part of the above services will be availed from RIMES (Remote) experts on a need basis for specific man-days for defined outcomes. The estimated cost of expert man power for the prescribed man hours to be provided by the RIMES from remote locations is ₹.1,54,98,000 (\$ 1,89,000) over a period of two year.

2. Expert Services at Tamil Nadu Disaster Risk Reduction Agency (Technical Cell) for the development of Real-Time Data Acquisition, Decision Support Systems and Applications for Weather Monitoring and other support services (Two Years)

RIMES will position expert services in Tamil Nadu Disaster Risk Reduction Agency (TNDRRA) and provide technical support, and handhold and build the capacity of TNDRRA personnel on Real-Time Data Acquisition, Decision Support Systems (DSS) and Applications for Weather Monitoring. The Technical Cell established as an integral part of the Multi-Hazard Early Warning Centre(MHEWC) would support proactive management of disaster risks by housing and sustaining enhanced TNSMART DSS along with a team of relevant professionals with expertise from various domains- Meteorology, Climatology, Coastal Hydrodynamics, Hydrology, Seismology, Oceanography, Information and Communications Technology, Remote Sensing, Geographic Information Systems, Mass Communication, Climate Information Application, and Disaster Risk Management. The Cell would also interact with line departments for regular data collection/ integration and work closely with Tamil Nadu State Disaster Management Authority (TNSDMA) decision-makers to ensure the delivery of warnings and information to the public through the established emergency operation centres. The estimated total cost of expert man power to the Technical Cell to be established in TNDRRA is ₹. 3,61,12, 800 (\$ 4,40,400) over a period of two year.

B. Establishment of Real-Time Data Acquisition from ARG and AWS and Spatial Decision Support Systems

The proposed Real-Time Data Acquisition from Automatic Rain Gauge (ARG) and Automatic Weather Station (AWS) and Spatial Decision Support Systems will integrate the hourly/daily data from the above ARG

and AWS. Integrating 1400 ARGs, 100 AWS and more than 600 ARG and AWS of Departments, Real-Time Data Acquisition, Storage, Data Validation and Processing, Analysis, Security and Access Control, Visualization Dissemination, Scalability and Maintenance will be covered under this component. The technical support and Capacity Building will be provided by RIMES for Two years with a hand holding support for one year after completion.

C. Instrumentation for the Multi-Hazard Early Warning Centre-Hardware, Software for Data Storage and Office equipment

RIMES will provide expert services for the end-to-end instrumentation of the multi-hazard early warning facility as per the Guidelines and Standards of World Meteorological Organization (WMO). The required Hardware, Software, accessories, Data Storage and office equipment recommended for the Multi-Hazard Early Warning Centre(MHEWC) and Real-time Data Acquisition Systems for the Automatic Rain Gauge (ARG)/Automatic Weather Station (AWS) will be procured by TNDRA following Tamil Nadu Tender Transparency Act 1998 as per procedures in vogue. This funds to be sanctioned for this component will be handled by Tamil Nadu Disaster Risk Reduction Agency(TNDRA). The estimated cost is ₹.4,36,17,850 (\$ 5,31,925)

D. Establishing a partnership with the Regional Integrated Multi-Hazard Early Warning System (RIMES) (Two Years and One Year of Hand holding after completion of all assigned tasks)

TNSDMA plans to effect this transformation through the modernization of the State and District Emergency Operation Centres (SEOCs / DEOCs) to integrate Information and Communications Technology (ICT) driven data analytics-based operations. The Government's vision is to make TNSMART a one-stop solution for TNSDMA operations by integrating all relevant data streams. The entire project will be completed in two years from the date of signing the agreement and the RIMES will provide hand-holding support for one year after the completion of the project. The total cost of Project Management Administration in respect of RIMES is estimated as ₹.1,98,83,360/- this includes the proportionate institutional cost of project management of RIMES towards its establishment, equipment and travel cost. The proposed engagement may be considered and approved for procuring the professional services of RIMES as a Single Source, in conformity with the "exemptions provided in Para 16, Provisions of TAMIL NADU TRANSPARENCY IN TENDERS ACT, 1998" that the provisions of sections 9 and 10 shall not apply to procurement.

3. The Component wise estimated cost is tabulated below :-

S. No	Description	Estimated cost (in US dollars)	Amount (in Rupees)
1.	Development of TN-Alert Public Centric Mobile Application	\$79712	65,36,384
2.	Administrative Mobile Application with creation of Dash Boards for Dynamic Monitoring of Multi-Hazard	\$42631	34,95,742

3.	Expert services provided by RIMES	\$189000	1,54,98,000
4.	Expert services at TNDRRRA (Technical Cell) & Real Time data acquisition and DSS for ARG & AWS	\$440400	3,61,12,800
5.	Establishment of Real Time Data Acquisition from ARG & AWS and Spatial Decision Support System and Instrumentation for the Multi Hazard Early Warning Centre - Hardware, software for data storage and office equipment	\$531925	4,36,17,850
6.	RIMES institutional – Project Management Cost	\$242480	1,98,83,360
	Total	\$15,26,148	12,51,44,136

4. The Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner has therefore requested the Government to accord approval for the following :-

- i. For engaging the professional services of the Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES) Bangkok on single source procurement basis in conformity with the "exemptions provided in Para 16-20bb of "Tamil Nadu Transparency in Tenders Act, 1998" for taking up the developing public-centric TN-Alert Mobile App, up gradation of TNSMART and to provide their technical expertise to strengthen the State Emergency Operation Centre as the Multi-Hazard Early Warning Centre.
- ii. To accord sanction of ₹.12.50 crore from the Preparedness and Capacity Building funding window of the State Disaster Response Fund for the development of a new TN Alert mobile app and to upgrade the TNSMART and for establishing a technical cell to enhance the Multi Hazard Early Warning Capabilities.
- iii. To permit the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner to re-appropriate the funds earmarked for various components (as stated in the table at para-5 above) within the overall sanction to meet the emerging needs, between the approved components.
- iv. To authorize the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner for entering into an MoU on behalf of the TNSDMA with RIMES specifying the expected outcomes and timelines and payments linked to the above.

5. The above proposal was placed before the State Executive Committee on 08.09.2023 for approval. The State Executive Committee after a detailed discussion approved the above proposal with following observations :-

- I. **TNSMART shall be made available in App store.**
- II. **Procedures for single source procurement may be followed as laid down in transparency of Tenders Act 1998, Rules 2000.**
- III. **The Project Management cost to RIMES may be reworked.**

6. In the letter 5th read above, the Additional Chief Secretary / Commissioner of Revenue Administration & State Relief Commissioner has stated that, M/s RIMES in their letter dated 22.09.2023 have revised their budget for the institutional project management cost and as such the cost of Institutional project management has been brought down from Rs.1.98 crore to Rs.1.85 crore. Hence, the total cost of Development of TN-Alert Public Centric Mobile App, upgradation of TNSMART to strengthen the disaster warning etc., re-worked out as follows :-

S. No	Description	Estimated cost (in US dollars)	Amount (in Rupees)
1.	Development of TN-Alert Public Centric Mobile Application	\$79712	65,36,384
2.	Administrative Mobile Application with creation of Dash Boards for Dynamic Monitoring of Multi-Hazard	\$42631	34,95,742
3.	Expert services provided by RIMES	\$189000	1,54,98,000
4.	Expert services at TNDRA (Technical Cell) & Real Time data acquisition and DSS for ARG & AWS	\$440400	3,61,12,800
5.	Establishment of Real Time Data Acquisition from ARG & AWS and Spatial Decision Support System and Instrumentation for the Multi Hazard Early Warning Centre - Hardware, software for data storage and office equipment	\$531925	4,36,17,850
6.	RIMES institutional - Project Management Cost	\$242480	1,85,00,000
	Total	\$1526148	12,37,60,776

7. The Government after careful examination, have decided to accept the proposal of the Additional Chief Secretary / Commissioner of Revenue Administration and State Relief Commissioner and based on the approval of the above proposal in the State Executive Committee meeting held on 08.09.2023, issue the following orders :-

- i. for engaging the professional services of the Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES) Bangkok on single source procurement basis in conformity with the "exemptions

provided in Para 16-20bb of "Tamil Nadu Transparency in Tenders Act, 1998" for taking up the developing public-centric TN-Alert Mobile App, up gradation of TNSMART and to provide their technical expertise to strengthen the State Emergency Operation Centre as the Multi-Hazard Early Warning Centre.

- ii. accord sanction of ₹.12,37,60,776/- (Rupees Twelve Crore Thirty Seven Lakh Sixty Thousand Seven Hundred and Seventy Six only) from the Preparedness and Capacity Building funding window of the State Disaster Response Fund for the development of a new TN Alert mobile app and to upgrade the TNSMART and for establishing a technical cell to enhance the Multi Hazard Early Warning Capabilities.
- iii. permit the Additional Chief Secretary / Commissioner of Revenue Administration and State Relief Commissioner to re-appropriate the funds earmarked for various components (as stated in the table at para-6 above) within the overall sanction to meet the emerging needs, between the approved components.
- iv. authorize the Additional Chief Secretary / Commissioner of Revenue Administration and State Relief Commissioner for entering into an MoU on behalf of the TNSDMA with RIMES specifying the expected outcomes and timelines and payments linked to the above.

8. The amount sanctioned in paragraph 7 above shall be debited to the following head of account:-

"2245 - Relief on account of Natural Calamities - 80 General - 800 Other Expenditure - State's Expenditure - AL The Preparedness and Capacity Building Component of State Disaster Risk Management Fund - 309 Grants-in-Aid - 09 Others".

(IFHRMS D.P.C. 2245 80 800 AL 30909)

9. Necessary additional funds of Rs.12,37,60,776/- will be provided in Final Modified Appropriation 2023-24. Pending provision of such funds, the Additional Chief Secretary / Commissioner of Revenue Administration and State Relief Commissioner is authorized to draw and disburse the amount. However, the above expenditure shall be brought to the notice of the Legislative Assembly by Specific inclusion in the Supplementary Estimates 2023-24. The Additional Chief Secretary / Commissioner of Revenue Administration and State Relief Commissioner is also directed to include the expenditure sanctioned above, while sending the Budget Proposal for Final Modified Appropriation 2023-2024 and also send necessary draft explanatory note for specific inclusion of this expenditure in the Supplementary Estimates 2023-24 to Finance (Revenue/BG-I) Department at an appropriate time without fail.

10. This order issues with the concurrence of Finance Department vide E.File No.11947/Finance(Revenue)/2023, dated 31.01.2024 and A.S.L.No.1823 (One Thousand Eight Hundred and Twenty Three).

(IFHRMS ASL No.2024011823)

(BY ORDER OF THE GOVERNOR)

**V. RAJARAMAN
SECRETARY TO GOVERNMENT**

To

The Additional Chief Secretary/
Commissioner of Revenue Administration and
State Relief Commissioner, Chepauk, Chennai-600 005.

To....

The Director, Disaster Management,
Tamil Nadu Disaster Risk Reduction Agency,
Chepauk, Chennai-600 005.

The Accountant General (A & E), Chennai-600 018.

The Pay and Accounts Officer (East), Chennai-600 008.

The Resident Audit Officer, Secretariat, Chennai-600 009.

Copy to:

The Additional Chief Secretary to Government,
Water Resources Department, Chennai-600 009.

The Additional Chief Secretary to Government,
Highways and Minor Ports Department, Chennai-600 009.

The Additional Chief Secretary to Government,
Health and Family Welfare Department, Chennai-600 009.

The Principal Secretary to Government,
Home, Prohibition and Excise Department,
Chennai-600 009.

The Principal Secretary to Government,
Finance Department, Chennai-600 009.

The Principal Secretary to Government,
Public Works Department, Chennai-600 009.

The Senior Private Secretary to Chief Secretary to Government,
Secretariat, Chennai-600 009

The Private Secretary to Secretary to Government,
Revenue and Disaster Management Department, Chennai-600 009.

The Finance (Revenue/BG-II/W&M-I) Department,
Chennai - 600 009.

The Revenue and Disaster Management (O.P.III) Department,
Chennai-600 009.

Stock File/Spare Copy.

// FORWARDED BY ORDER //

01.02.2024
SECTION OFFICER

01/02/2024