CORRIGENDUM TO ADVERTISEMENT NO. PER/07/2023 PHASE – II

1. **THE POST CODE NMM2024-001 – PROJECT ASSOCIATE – I (25 NOS.) STANDS CANCELLED**
   REVISED RESERVATION FOR 8 POSTS OF PROJECT ASSOCIATE – I (SC- 1, EWS -2, OBC - 1)

2. **ADDITIONAL POSTS UNDER URBAN METEOROLOGY PROJECT IS AS FOLLOWS:**

Project Name	Post Name	No. of Posts
Urban Meteorology	Project Scientist III	01
	Project Scientist II	02
	Project Scientist I (SC-1& ST-1)	04
TOTAL		**07 Nos.**

PROJECT SCIENTIST – III		
Post Code	:	**URBMET-2024-001**
Name of the post	:	**Project Scientist –III**
Number of post	:	**01 No.**
Essential Qualification	:	• PhD in Atmospheric Physics /Atmospheric Sciences/ Meteorology/ Environmental sciences **or** Masters in Engineering or Technology (Electronics/Instrumentation/EEE/Electronics & Telecommunication/ Mechanical/ Aerospace) from a recognized University or equivalent • 7years of working experience in the urban mesoscale modelling
Desirable Qualification	:	• Experience in handling large datasets with high-performance computer • Experience in handling observational datasets from radar, wind profiler and other meteorological instrumentation in the urban testbed • Experience with Direct Numerical Simulation/large eddy simulation/Mesoscale models and demonstrated through publications
Job Responsibilities	:	• Develop an urban model for precipitation and heat stress forecast • Carryout numerical modelling studies (Mesoscale modelling or Large Eddy Simulation) with focus on cloud and boundary layer process studies, model improvements, verification studies, parameterization development and model evaluation. • Required to make quality publications in the refereed journals and contribute to the knowledge in the field • The candidate is expected to work on the development of a high-resolution numerical model for urban studies by incorporating the urban landuse and land cover/building morphology • Willingness to work in locations other than Pune, as required by the project

PROJECT SCIENTIST – II		
Post Code	:	**URBMET-2024-002**
Name of the post	:	**Project Scientist –II**
Number of post	:	**02 Nos.**
Essential Qualification	:	• PhD in Atmospheric Physics /Atmospheric Sciences/ Meteorology/ Environmental sciences **or** Masters in Engineering or Technology (Electronics/Instrumentation/EEE/Electronics & Telecommunication/Mechanical/Aerospace) from a recognized University or equivalent • 3 years of working experience in the urban floods/ hydrological modelling
Desirable Qualification	:	• Experience in handling large datasets with high-performance computer • Experience in handling observational datasets from AWS, radar, in urban flood forecasting • Experience with Mesoscale modelling, hydrological modelling , verification studies and demonstrated through publications
Job Responsibilities	:	• Urban hydrological model for Delhi and its verification • Required to make quality publications in the refereed journals and contribute to the knowledge in the field • The candidate is expected to work on the verification of a high-resolution numerical model for urban flood forecasting studies • Willingness to work in locations other than Pune, as required by the project
PROJECT SCIENTIST - I		
Post Code	:	**URBMET-2024-003**
Name of the post	:	**Project Scientist –I**
Number of post	:	**04 Nos.**
Essential Qualification	:	• Masters in Science (Physics/ Chemistry/ Instrumentation/ Atmospheric Physics /Atmospheric Sciences/ Meteorology/ Environmental sciences)/Geophysics **or** BE /BTech (Electronics/Instrumentation/EEE/ Electronics & Telecommunication/Mechanical/Aerospace) from a recognized University or equivalent with atleast 60% marks.
Desirable Qualification	:	• Experience in handling large datasets with high-performance computer • Experience in handling observational datasets from radar, wind profiler and other meteorological instrumentation (aerosol spectrometers, CCN counter, aerosol and wind lidars) in the urban testbed • Experience with laboratory experiments, instrument calibrations and data analysis / Direct Numerical Simulation/large eddy simulation/numerical simulations/urban mesoscale models and demonstrated through publications • AI/ML experience

Job Responsibilities	:	• The candidate is expected to work on one of the following : A) the development of a high-resolution numerical model for urban studies B) Atmospheric process studies relating to heat stress and urban heat islands, wind stress, boundary layer fluxes etc. C) Radar data analysis and product development (such as QPE) for nowcasting D) Data assimilation for modelling framework E) Use of AI/ML models for urban high-resolution weather forecasting F) Involvement in the calibration and upkeep of urban testbed instruments and radars, including quality control and data archival for use by end users and researchers • Help in the development of an urban model for precipitation and heat stress forecast • Carry out numerical modelling studies (Mesoscale modelling or Large Eddy Simulation and DNS studies) utilizing urban testbed data, model development and model evaluation. • Analyze AWS and micrometeorological tower data along with other data sets from the urban meteorology project for understanding urban boundary layer mixing, fluxes, human comfort, effect of ventilation pathways on fluxes etc. • Required to make quality publications in the refereed journals and contribute to the knowledge in the field • Willingness to work in locations other than Pune, as required **by** the project