



SECON - JBA JV



Ref: SPL/TNSUDP/CFM/Chennai/02-2024/12

Date: 01-02-2024

To

The Principal,
Queen Mary's College,
Mylapore, Chennai - 600 004.

Sir,

Sub: Disaster Management - Planning, setting up and Operationalizing a Real Time Flood Forecasting and Spatial Decision Support System for Adyar, Cooum, Kosaithalayar, Nagariyar and Nandhiyar and Kovalam Basins - Installation of Automatic Weather Station (AWS) - Request for consent - reg.

Ref: 1. M/s. SECON-JBA to The Principal, Queen Mary's College SPL/TNSUDP/CFM/Chennai/05-2023/58 dated 16-05-2023
2. Director of Disaster Management, TNDRA Lr No: OC-II/3578/2019 dated 16-10-2023

Please refer to the letters of the Commissioner of Revenue Administration and the Director of Disaster Management letters cited, seeking your consent to install Automatic Weather Station (AWS) in the in Queen Mary's College, Mylapore as a part of the flood disaster mitigation initiative of the Government of Tamil Nadu. The consent is still awaited.

I wish to inform you that the contract for the installation of the Automatic Weather Station (AWS) has been signed on 30-01-2024 and the site has to be handed over to the contractor for commencement of work.

The following are some of the key criteria of this No Objection Certificate (NOC) / consent.

- An open space of about 6m x 6m will be required, anywhere within the premises.
- The Government of Tamil Nadu will bear all the costs associated with the supply, installation, operation and maintenance of the AWS and there is no expense to the site owner.
- The site owner's kind gesture of consensus to install the AWS in their premises will be duly acknowledged in the project website, <https://www.chennai floods ds ss.in>.
- The AWS will be removed at the request of the site owner at any point of time for their needs.
- On behalf of the Government of Tamil Nadu, the Chief Engineer, SG&SWRDC, Water Resources Department will execute a MoU with you for the NOC; a copy of the Draft MoU is enclosed for reference.
- The data will be shared with district administration for their use.

The installation of the Automatic Weather Station (AWS) is part of the larger flood mitigation initiative and will help prevent flood inundations in the above site.

A photo of a typical AWS proposed for installation is enclosed for your reference. We encourage you to be a proud partner of this flood / disaster mitigation initiative of the Government of Tamil Nadu and request your consent/ NOC for the installation of the AWS at the site at the earliest.



SECON - JBA JV



Yours faithfully,

S.A. Anbarasu

Team Leader,
SECON-JBA, Chennai

Mobile: 9940049582. E-mail: sa.anbarasu@secon.in

Encl.: 1. Copy of MoU, Photo, Drawing.

2. Copy of Letters in reference.

Copy to:

1. Director of Disaster Management, Tamilnadu Disaster Risk Reduction Agency, Ezhilagam Annexe, Chepauk, Chennai-5 for kind information please.
2. The CMD, TNUIFSL, Raja Annamalaipuram, Chennai-28 for kind information please.
3. The Superintending Engineer, Ground Water Circle, WRD, Taramani, Chennai-113 for kind information please

MoU between the Chief Engineer, State Ground and Surface Water Resources Data Centre, Water Resources Department, Government of Tamil Nadu, Chennai - 113 & Queen Mary's College for installation of Real Time Data Acquisition System (RTDAS) on the latter's premises / structures



The Memorandum of Understanding (MoU) entered into between the Chief Engineer, State Ground and Surface Water Resources Data Centre (SG&SWRDC), Water Resources Department, Government of Tamil Nadu having office at: PWD Campus, CSIR Road, Chennai - 113, (hereinafter referred as the FIRST PARTY) and Queen Mary's College having their office at Mylapore, Chennai - 600 004., India represented by (Designated Officer), (hereinafter referred as SECOND PARTY), on this day..... March 2024.

Whereas,

- 1) The FIRST PARTY is implementing the Chennai Realtime Flood Forecasting and Spatial Decision Support System in Chennai Basin comprising in part/ full of Chennai, Tiruvallur, Kancheepuram, Chengalpattu and Ranipet Districts.
- 2) The FIRST PARTY proposes to measure the weather parameters like rainfall, temperature, wind speed, wind direction, humidity, and water levels in lakes, tanks and rivers, and provide flood forecasting services over the web, SMS, and email, for the benefit of public at large, including the SECOND PARTY.
- 3) As a part of the project, the FIRST PARTY proposes to install a Realtime Data Acquisition System (RTDAS) comprising of Automatic Rain gauges (ARG), Automatic Weather Stations (AWS), Automatic Water Level Recorders (AWLR) and Gate Sensors (GS) across the Chennai Basin.
- 4) Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFS), 19, T.P. Scheme Road, Raja Annamalaipuram, Chennai-28, has engaged M/s. SECON Private Limited, Bangalore as Consultant, to assist the FIRST PARTY to implement the project.
- 5) The FIRST PARTY approached the SECOND PARTY to permit the FIRST PARTY or its authorized representative, to install the Automatic Rain gauge (ARG) / Automatic Weather Station (AWS) / Automatic Water Level Recorder (AWLR) / Gate Sensor (GS), hereinafter referred to as the EQUIPMENT, on the premises / structures of SECOND PARTY, as a measure of Corporate Social Responsibility (CSR).
- 6) The SECOND PARTY, in appreciation of the initiative of the FIRST PARTY in providing Flood Forecasting Services to the public as a measure of Disaster Management, agrees to grant permission to FIRST PARTY, to install, operate and maintain the EQUIPMENT on the premises / structures of SECOND PARTY, subject to the following conditions,
 - a) This Memorandum of Understanding (MoU) comes into vogue with effect from the date of signing this MoU.
 - b) The SECOND PARTY confirms that it is the absolute legal owners of the premises / structures in Queen Mary's College.
 - c) The FIRST PARTY shall bear all the cost of procurement, installation, operation and maintenance of the EQUIPMENT, including the required civil works, and the SECOND PARTY shall not be obliged to meet any of these costs.
 - d) The SECOND PARTY shall provide only the required space for the installation, operation and maintenance of the EQUIPMENT, as in the attached drawing or with required modifications to suite site conditions.
 - e) The SECOND PARTY agrees to provide access to the authorized representative of the FIRST PARTY or authorized officials of TNSDMA to inspect the EQUIPMENT, normally of the order of once in two months, and carryout regular maintenance of the EQUIPMENT, with prior written intimation.

- f) The written intimation shall be in the form of letters and emails between the representatives of the FIRST PARTY and SECOND PARTY, to schedule an inspection.
- g) The FIRST PARTY agrees that its authorized representative shall abide by all the rules and regulations of the SECOND PARTY while inside the premises of the SECOND PARTY for inspecting the EQUIPMENT.
- h) The SECOND PARTY agrees to extend their best efforts for the safety of the EQUIPMENT, nevertheless, are not to be held responsible for any damage or loss to the EQUIPMENT.
- i) The FIRST PARTY shall not make any claim of whatsoever manner on the space provided by the SECOND PARTY for the EQUIPMENT.
- j) The SECOND PARTY agrees that the permission for the installation of the EQUIPMENT on its premises / structures is fully free of cost and shall not charge any cost on the FIRST PARTY in this regard.
- k) The EQUIPMENT is provided with captive electrical supply arrangements with a solar panel, Battery and UPS. The SECOND PARTY, shall at its discretion, supplement the necessary minimum electrical energy requirement of the EQUIPMENT on need basis, free of cost.
- l) As a reciprocal gesture, the FIRST PARTY agrees to spare the data collected from the EQUIPMENT with the SECOND PARTY in an electronic form. The SECOND PARTY agrees to use such shared data only for its in-house uses and shall not share with others.
- m) The FIRST PARTY agrees to duly acknowledge in the website of the "Chennai Real Time Flood forecasting & Spatial Decision Support System", the good gesture extended by the SECOND PARTY, by way of providing space for the EQUIPMENT on its premises / structures
- n) The SECOND PARTY agrees to keep the EQUIPMENT on its premises / structures as long as possible, in appreciation of the end benefits of the EQUIPMENT to the public at large; however, reserves its rights to request the FIRST PARTY to remove the EQUIPMENT and vacate the premises / structures for its own use, with three months written notice. On receipt of such notice, the FIRST PARTY shall make alternate arrangements and remove the EQUIPMENT and vacate the premises / structures within the three months, in a very cordial manner.

For Chief Engineer, SG&SWRDC, WRD,
Government of Tamil Nadu, Chennai - 113

Date: 03.04.2024

(seal) Executive Engineer, W.R.D.,
Ground Water Division,
Taramani, Chennai-600 113.

For Queen Mary's College

Date:

B. Unai
4.9.24
PRINCIPAL
(seal)
Queen Mary's College (A)
Chennai - 600 004.