

Andhra Pradesh Rural Water Supply Engineers' Association

(Recognised by Andhra Pradesh Govt. in G.O.Ms.No.565 GAD (SW.I) Dept. Dt. 25-09-2010)

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Treasurer:

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Organising Secretary:

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Technical Secretary:

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Cell: 9963687591

Women Secretary:

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To,

The Engineer-In-Chief,
RWS&S, Department, Gollapudi.

Lr.No. APRWSEA/Engineering Assistants/ 2025, Dt: 06.02.2025

Respected Madam,

Subject: APRWSEA- Vijayawada- Humble Request for Permanent Allotment of
Engineering Assistants to RWS&S Department -- Reg

Ref: 1. Issues raised in EC Body Meeting by EC Body Members.
2. GO MS.No. 151, PR&RD (E1) Dept. Dt: 01-10-2019.
3. GO MS.No. 642, PR&RD (E1) Dept. Dt: 07-07-2020.
4. GO MS.No. 05, PR&RD (E1) Dept. Dt: 25.01.2023.
5. GO.Ms.No. 569, dt: 22-12-2007 of the PR & RD (RWS-I) Department,
Hyderabad.

We, the Andhra Pradesh Rural Water Supply Engineers Association (APRWSEA), Vijayawada, humbly submit for your kind consideration the discussions and resolutions passed during the State EC Body meeting held on 29.01.2025 at the Office of the Engineer-In-Chief, RWS&S Department, Gollapudi. The primary agenda of the meeting was to address the pressing issues faced by field engineers and other pertinent concerns.

During the meeting, all EC Body members unanimously emphasized the urgent necessity for the permanent allotment of Engineering Assistants to the RWS&S Department. Unlike other rural engineering departments, our department is primarily responsible for the technical guidance of Operation & Maintenance (O&M) of rural drinking water supply systems and the construction of water supply assets and pipeline infrastructure, which are critical for ensuring safe and uninterrupted drinking water supply to rural households.

Necessity for Engineering Assistants in RWS&S Department

1. Drinking Water Supply Management:

- The Hon'ble Deputy Chief Minister has reiterated the government's commitment to providing 100% tap water connections to every rural household using sustainable surface water reservoirs.

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- The department is actively involved in implementing large-scale projects under the Jal Jeevan Mission (JJM) to ensure safe and uninterrupted water supply to rural communities.
- However, due to the shortage of technical personnel, the implementation, operation, and maintenance of these projects face frequent delays, due to this water being not supplied to households.

2. Growing Responsibilities in Rural Sanitation Infrastructure:

Sanitation infrastructure development is as crucial as drinking water supply in maintaining public health and improving the quality of life in rural areas. The increasing focus on sanitation by the government has significantly expanded the responsibilities of the RWS&S Department, requiring specialized technical support.

Currently, our department is involved in the following critical sanitation initiatives:

- Greywater Management & Treatment Facilities
- Community Sanitary Complexes (CSCs)
- Construction of Toilets & ODF+ Initiatives
- Liquid & Solid Waste Management (SLWM)

Amruthadhara (JJM) Development – A Critical Initiative

The state government has undertaken the ambitious **Amruthadhara** to ensure a sustainable and long-term water supply solution for rural areas. This project involves:

- ✓ Laying of large-scale pipeline networks to distribute treated water from reservoirs to villages and towns.
- ✓ Interlinking of existing water sources to prevent dependency on a single source and mitigate water scarcity issues.
- ✓ Use of advanced SCADA systems for real-time monitoring, leakage detection, and efficient distribution management.
- ✓ Integration of water treatment plants with sustainable filtration and purification technologies to ensure high-quality drinking water supply.

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Role of Engineering Assistants in the Amruthadhara

- **Planning & Surveying:** The success of the Amruthadhara depends on detailed planning, mapping, and field surveys to optimize the pipeline routes and ensure efficient distribution. Engineering Assistants can play a crucial role in assisting with DGPS survey, GIS mapping, data collection, and hydraulic designing.
- **Execution & Supervision:** The installation of pipelines, pumping stations, and water treatment plants requires technical supervision to ensure quality and timely completion. Engineering Assistants can provide on-ground technical support to executing agencies.
- **Monitoring & Maintenance:** The long-term sustainability of the Water Grid depends on regular maintenance and system optimization. Engineering Assistants can be involved in pressure monitoring, leak detection, and fault rectification.

Proposed Deployment Structure

To effectively manage the rising workload in both drinking water supply and sanitation, we propose the deployment of Engineering Assistants on a cluster basis, with 3 to 5 Assistants per Mandal, depending on:

- The number of Gram Panchayats in the Mandal.
- The population size and demand for water & sanitation services.
- The existing infrastructure & sanitation coverage in the region.

This structured deployment will ensure:

- Efficient management of rural drinking water schemes & sanitation projects.
- Faster grievance redressal for water supply & sanitation-related complaints.
- Proper implementation of sanitation facilities (CSCs, STPs, soak pits, etc.).
- Technical support to Gram Panchayats for maintaining water & sanitation assets.

As per GO MS.No. 05, PR&RD (E1) Dept., Dt: 25.01.2023, the primary responsibilities of Engineering Assistants include:

- Water quality monitoring & pipeline maintenance.
- Implementation of sanitation facilities in rural areas.
- Construction of drinking water & sanitation infrastructure.

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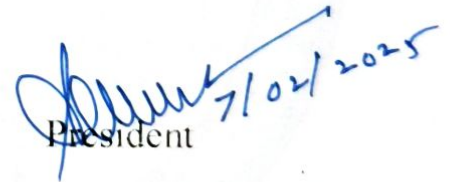
- Addressing grievances related to water supply & sanitation.

Additionally, we humbly request that the establishment and service matters of Engineering Assistants be transferred from the PR Engineering Department to the RWS&S Department. Since the majority of their duties directly align with our department's objectives, this transition would:

- Ensure better administrative efficiency.
- Streamline workflows.
- Improve coordination in managing rural water supply systems.

In view of the above, we sincerely and humbly request you to take necessary action for the permanent allotment of Engineering Assistants to the RWS&S Department and to facilitate the transfer of their establishment and service matters to ensure better operational efficiency in maintaining rural drinking water schemes.

We remain hopeful for your prompt consideration and positive response to this crucial request.


President