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संयुक्त सचिव एवं मिशन निदेशक
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भारत सरकार
आवासन और शहरी कार्य मंत्रालय
निर्माण भवन

GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
NIRMAN BHAWAN

नई दिल्ली-110011, तारीख 20
New Delhi-110011, dated the 20

D.O. No. Q-16011/2/2007-CPHEEO

Dated 06 May, 2019

Subject: Draft Manual on Storm Water Drainage Systems, 2019 - Inviting comments from States/UTs and other Stakeholders.

Dear Sir/Madam,

Water security is one of the paramount importance in the Country. Storm water drainage and ground water recharge structure plays an important role in water conservation and management. However, there is no separate Manual for Storm Water Drainage Systems to guide the practicing engineers across the country in designing the drainage systems. Several States/UTs had drawn attention of the Ministry in the past at various forums to formulate a separate Manual on Storm Water Drainage Systems.

2. Realizing the need, Central Public Health and Environmental Engineering Organization (CPHEEO), Ministry of Housing and Urban Affairs, Govt. of India has brought out a separate draft Manual on the subject. An Expert Committee comprising of members from different Ministries, Technical institutes, representative from Central/ State Governments/ULBs, research institutes, etc. has reviewed & suggested the technical contents of the Manual drafted by Water and Power Corporation Limited (WAPCOS), A Government of India Undertaking.

3. The Manual on Storm Water Drainage Systems, 2019 has been prepared in Two Volumes (copy enclosed), which are inter-related to each other:

- (i) Volume-I: Part-A: Engineering Design and
- (ii) Volume-II: Part B: Operation & maintenance and Part-C; Management

Volume-I: Part-A: Engineering Design contains 11 chapters to address mainly the project planning, hydraulic design, innovative storm water management practices and construction of storm water conduits. Volume-II: Part B & Part-C contains 4 & 5 Chapters respectively, to address the sustainable operation & maintenance of drains & pumping stations, storm water recharge structures, institutional arrangement, capacity building and financial management.

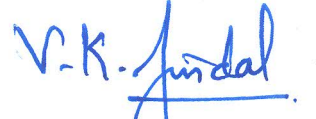
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4. The Draft copy of the Manual is also uploaded on Ministry's website (www.mohua.gov.in) as well as CPHEEO's website (www.cpheeo.gov.in) for valuable comments/observations and suggestions of States/UTs/ Stakeholders, if any, in order to improve the contents of the Manual based on your experience and expertise in the field of urban drainage sub-sector.

5. It is requested that the draft Manual may be got examined and comments forwarded to **{comments.swd@gmail.com}** **latest by 24 May, 2019** for further discussions in the forthcoming National workshop on the subject.

Yours sincerely,


(V.K. Jindal)

Encl.: As above

To:

- (i) The Secretary, Ministry of Water Resources, RD and GR, Govt. of India.
- (ii) The Secretary, Ministry of Environment, Forests and CC, Govt. of India
- (iii) The CEO, NITI Aayog, New Delhi.
- (iv) All Principal Secretaries, States/UTs, Urban Development Department;
and
- (v) All Heads of the Water Supply and Sewerage Board in the States/UTs;