

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ

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BANGALORE WATER SUPPLY AND SEWERAGE BOARD

CAUVERY BHAVAN, K.G. ROAD, BANGALORE - 560 009.

PERFORMANCE REPORT FOR THE YEAR 2019-20

ವಾರ್ಷಿಕ ವರದಿ 2019-20

CHIEF ENGINEER (KAVERY)

**REHABILITATION OF 300 MLD WATER TREATMENT
PLANT IN LIEU OF CWSS STAGE 1 & 2 AT T.K.HALLI**





ಮುನ್ನುಡಿ

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ 1964ರಲ್ಲಿ ಸ್ಥಾಪನೆಗೊಂಡಿದ್ದು, ನಗರದ ಜನತೆಗೆ ಕುಡಿಯುವ ನೀರು ಪೂರೈಕೆಯ ಸಲುವಾಗಿ ಹಲವಾರು ವಿನೂತನ ಯೋಜನೆಗಳನ್ನು ಸಿದ್ಧಪಡಿಸಿ ಕಾರ್ಯಗತಗೊಳಿಸಿದೆ. ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯದ ನೀರು ಬೆಂಗಳೂರು ನಗರಕ್ಕೆ ಕೊರತೆ ಉಂಟಾದ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಬೇಡಿಕೆ ಮತ್ತು ಸರಬರಾಜು ಸರಿದೂಗಿಸಲು 1974ರಲ್ಲಿ ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆಯ ಮೊದಲನೆಯ ಹಂತದ ನೀರನ್ನು ತರಲಾಯಿತು, ನಂತರ ಈಗಾಗಲೇ ಅನುಷ್ಠಾನಗೊಂಡಿರುವ ಕಾವೇರಿ ಮೊದಲನೇ ಹಂತ, ಎರಡನೇ ಹಂತ, ಮೂರನೇ ಹಂತ, ನಾಲ್ಕನೇ ಹಂತದ ಮೊದಲನೆ ಘಟ್ಟ ಹಾಗೂ ನಾಲ್ಕನೇ ಹಂತದ ಎರಡನೇ ಘಟ್ಟಗಳಿಂದ ಒಟ್ಟಾರೆಯಾಗಿ ಪ್ರತಿನಿತ್ಯ 1450 ದಶ ಲಕ್ಷ ಲೀಟರ್ ಕುಡಿಯುವ ನೀರನ್ನು ನಗರಕ್ಕೆ ಜಲಮಂಡಳಿ ಪೂರೈಸಲಾಗುತ್ತಿದೆ.

ಬೆಂಗಳೂರು ನಗರದ ಸುತ್ತಮುತ್ತಲ ನಗರ ಸ್ಥಳೀಯ ಸಂಸ್ಥೆಗಳು ಬೆಂಗಳೂರು ನಗರಕ್ಕೆ ಸೇರ್ಪಡೆಯಾದ ನಂತರ ಬೆಂಗಳೂರು ಜಲ ಮಂಡಳಿಯ ಮುಂದಿನ ಸವಾಲುಗಳು ಹೆಚ್ಚಿವೆ, ಸುಮಾರು 1 ಕೋಟಿಗೂ ಅಧಿಕ ಜನರ ದಾಹ ನೀಗಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ನಾವಿಂದು ಕಾರ್ಯೋನ್ಮುಖರಾಗಬೇಕಾದ ಅನಿವಾರ್ಯತೆಯಿದೆ. ನೀರು ಸರಬರಾಜು ಅಲ್ಲದೆ, ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಸಂಸ್ಕರಿಸಿ ಹೊರ ಬಿಡುವ ಕಾರ್ಯವು ಸಹ ಮಂಡಳಿಯು ನಿರ್ವಹಿಸುತ್ತಿದೆ. ನೀರಿನ ತೀವ್ರ ಬೇಡಿಕೆಗೆ ಪರ್ಯಾಯವಾಗಿ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವ ಸಂಬಂಧ ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಕಾಯ್ದೆಗೆ ತಿದ್ದುಪಡಿ ತಂದು ಈ ಯೋಜನೆಯನ್ನು ಕಡ್ಡಾಯಗೊಳಿಸಿ ನೀರಿನ ಭಾವಣೆಯನ್ನು ನೀಗಿಸುವ ಹಾದಿಯಲ್ಲಿ ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ ಯಶಸ್ಸಿನ ನಿಟ್ಟಿನಲ್ಲಿದೆ.

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಹಾಗೂ ಒಳಚರಂಡಿ ಮಂಡಳಿ ಅಧಿನಿಯಮ 1964ರ 86(2)ನೆಯ ಪ್ರಕಾರದಂತೆ ಸಿದ್ಧಪಡಿಸುವ ಈ ವಾರ್ಷಿಕ ವರದಿಯಲ್ಲಿ 2019-20ನೇ ಸಾಲಿನ ಹಣಕಾಸು ವರ್ಷದ ಚಟುವಟಿಕೆಗಳು ಹಾಗೂ ಸಾಧನೆಗಳನ್ನು ಬಿಂಬಿಸಲಾಗಿದೆ. ಬಹು ಮುಖ್ಯವಾಗಿ ಕಾರ್ಯಚಟುವಟಿಕೆಗಳಿಗೆ ಮಾರ್ಗದರ್ಶನ, ಹಣಕಾಸಿನ ನೆರವು ನೀಡುತ್ತಿರುವ ರಾಜ್ಯ ಸರ್ಕಾರಕ್ಕೆ ಹಾಗೂ ಬೆಂಗಳೂರು ನಗರದ ನಾಗರಿಕರಿಗೆ ಈ ವರದಿ ನೀಡುವಲ್ಲಿ ಮಂಡಳಿ ಪ್ರಧಾನ ಅಭಿಯಂತರರು, ಮುಖ್ಯ ಆಡಳಿತಾಧಿಕಾರಿಗಳು, ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು ಎಲ್ಲಾ ಮುಖ್ಯ ಅಭಿಯಂತರರುಗಳು, ಹಾಗೂ ಇನ್ನಿತರ ಅಧಿಕಾರಿಗಳು ಸಹಕಾರ ನೀಡಿದ್ದು ಅವರೆಲ್ಲರಿಗೂ ಧನ್ಯವಾದಗಳು.

ಅಧ್ಯಕ್ಷರು
ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ



ಅನುಕ್ರಮಣಿಕೆ

ಕ್ರಮ ಸಂಖ್ಯೆ	ವಿಷಯಗಳು	ಪುಟ ಸಂಖ್ಯೆ
01	ಪರಿಚಯ ಅ) ಮುಖ್ಯ ಧೈಯೋದ್ದೇಶಗಳು ಮತ್ತು ಪ್ರಕಾರ್ಯಗಳು ಆ) ಸಂಘಟನಾ ಸ್ವರೂಪ 1) ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಮಂಡಳಿಯ ಸದಸ್ಯರು 2) ತಾಂತ್ರಿಕ ಸಮಿತಿ ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಇತರೆ ಸದಸ್ಯರು 3) ಮಂಡಳಿಯ ನಿರ್ಣಯಗಳು	3-4 5-6 7-8 9-10 11-73
02	ಅ) ವಿವಿಧ ವಲಯಗಳ ಕಾರ್ಯ ಹಾಗೂ ಸಾಧನೆ ಆ) ಮುಖ್ಯ ಆಡಳಿತಾಧಿಕಾರಿ ಹಾಗೂ ಕಾರ್ಯದರ್ಶಿ ಇ) ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು ಮತ್ತು ಮುಖ್ಯ ಲೆಕ್ಕ ಪತ್ರ ಅಧಿಕಾರಿ 1) ಮಂಡಳಿಯ 2019-20 ಆರ್ಥಿಕ ಸಂಪನ್ಮೂಲ ಮತ್ತು ಲೆಕ್ಕ ತ:ಖ್ತೆ	74-93 94-97 98-102



2019-20ನೇ ಯ ವಾರ್ಷಿಕ ವರದಿ

1. ಸೀರಿಕೆ

ಅ) ಮುಖ್ಯ ಭೇದೋದ್ದೇಶಗಳು ಮತ್ತು ಪ್ರಕಾರ್ಯಗಳು

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಲಿಯು ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ್ರದೇಶಕ್ಕೆ ನೀರು ಸರಬರಾಜು, ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಹಾಗೂ ತ್ಯಾಜ್ಯ ನೀರಿನ ಸಂಗ್ರಹಣೆ ಮತ್ತು ಸಂಸ್ಕರಿಸಿ ವಿಸರ್ಜಿಸುವ ಜವಾಬ್ದಾರಿಯನ್ನು ಹೊಂದಿದೆ. ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಲಿಯು ಕಾವೇರಿಯಿಂದ 1450 ದ.ಲ.ಲೀಟರುಗಳ ನೀರು ಪೂರೈಸಲಾಗುತ್ತಿದೆ. ಶುದ್ಧೀಕರಿಸಿದ ನೀರನ್ನು ಪೂರೈಸುವುದಕ್ಕಾಗಿ ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆಯ 1, 2, 3 ಮತ್ತು 4ನೇ ಹಂತದ 1ನೇ ಮತ್ತು 2ನೇ ಘಟ್ಟವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಿದ್ದು, ಅವುಗಳು ಈಗಾಗಲೇ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿವೆ.

- ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ್ರದೇಶದ ಹಾಲಿ ಇರುವ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ಹೊಂದುತ್ತಿರುವ ಪ್ರದೇಶಗಳಲ್ಲಿ ನೀರು ಸರಬರಾಜು ಮತ್ತು ತ್ಯಾಜ್ಯ ನೀರಿನ ವಿಲೇವಾರಿಗೆ ಸಾಕಷ್ಟು ವ್ಯವಸ್ಥೆ ಕಲ್ಪಿಸುವುದು. ಹೆಚ್ಚುತ್ತಿರುವ ನೀರಿನ ಬೇಡಿಕೆಯನ್ನು ಪೂರೈಸಲು ಯೋಜನೆಗಳನ್ನು ಮತ್ತು ನೀರು ಸರಬರಾಜು ಪರಿಯೋಜನೆಗಳನ್ನು ಸಿದ್ಧಪಡಿಸುವುದು ಮತ್ತು ಕಾರ್ಯಗತಗೊಳಿಸುವುದು.
- ನಗರಕ್ಕೆ ಕ್ರಮಬದ್ಧವಾಗಿ ನೀರು ಸರಬರಾಜು ಮಾಡಲು, ಒಳಚರಂಡಿ ಮತ್ತು ತ್ಯಾಜ್ಯ ನೀರಿನ ವಿಲೇವಾರಿಗೆ ವ್ಯವಸ್ಥೆ ಕಲ್ಪಿಸಲು ಯೋಜನೆಗಳನ್ನು ಮತ್ತು ಪರಿಯೋಜನೆಗಳನ್ನು ಸಿದ್ಧಪಡಿಸುವುದು ಮತ್ತು ಕಾರ್ಯಗತಗೊಳಿಸುವುದು.
- ಲಭ್ಯವಿರುವ ನೀರನ್ನು ಏಕರೀತಿಯಲ್ಲಿ ಸರಬರಾಜು ಮಾಡಲು ವಿತರಣಾ ವ್ಯವಸ್ಥೆಯನ್ನು ಪುನರ್‌ವಿನ್ಯಾಸಗೊಳಿಸುವುದು.
- ಹೊಸ ಪರಿಯೋಜನೆಗಳನ್ನು ಕೈಗೊಳ್ಳುವುದಕ್ಕೆ ಬೇಕಾದ ಅನುದಾನವನ್ನು ಸಂಗ್ರಹಿಸುವುದು.
- ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಯನ್ನು ಸುಧಾರಣೆ ಮಾಡುವುದು.
- ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಗೆ ಮತ್ತು ತ್ಯಾಜ್ಯ ನೀರಿನ ಸಂಸ್ಕರಣೆಯ ಮುಖ್ಯ ನಿರ್ವಹಣೆಗೆ ಅಗತ್ಯವಿರುವ ಆದಾಯ ಸಂಗ್ರಹಣೆ.



ಈ) ಬೆಂಗಳೂರು ನಗರವು ಭಾರತದಲ್ಲಿ ತ್ವರಿತವಾಗಿ ಬೆಳೆಯುತ್ತಿರುವ ನಗರಗಳಲ್ಲೊಂದಾಗಿ ಮುಂದುವರೆದಿದ್ದು, ಕಳೆದ ದಶಕದಲ್ಲಿ ಇದರ ಬೆಳವಣಿಗೆ ಶೇ.50.70 ರಷ್ಟಿದೆ. 2011ರ ಜನಗಣತಿಯ ಅನುಸಾರ ನಗರದ ಜನಸಂಖ್ಯೆ 96 ಲಕ್ಷ ದಾಟಿದ್ದು, 2020ನೇ ವರ್ಷದ ವೇಳೆಗೆ ಒಂದು ಕೋಟಿಯನ್ನು ಮೀರಲಿದೆ. ಸಾಮಾನ್ಯ ಪರಿಸ್ಥಿತಿಯಲ್ಲಿ ಎಲ್ಲಾ ಮೂಲಗಳಿಂದ ದೊರೆಯುವ ಒಟ್ಟು ನೀರಿನ ಪ್ರಮಾಣ ಪ್ರತಿ ದಿನಕ್ಕೆ 1700 ದ.ಲ.ಲೀಟರುಗಳು. ಆದರೆ 2019-20 ರಲ್ಲಿ ದೊರೆತ ಸರಾಸರಿ ನೀರಿನ ಪ್ರಮಾಣ 1227.00 ದ.ಲ.ಲೀಟರುಗಳು ಪ್ರಮುಖ ಕೈಗಾರಿಕೆಗಳಿಗೆ ಸರಬರಾಜು ಮಾಡುವ ನೀರಿನ ಪ್ರಮಾಣ ಮತ್ತು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ನಷ್ಟವಾಗುವ ನೀರಿನ ಪ್ರಮಾಣವನ್ನು ಹೊರತುಪಡಿಸಿ. ಬೆಂಗಳೂರಿನಂತಹ ದೊಡ್ಡ ನಗರಕ್ಕೆ ಸಿ.ಪಿ.ಹೆಚ್.ಇ.ಇ.ಒ. ರಾಷ್ಟ್ರೀಯ ಮಾನದಂಡ ಒಬ್ಬ ವ್ಯಕ್ತಿಗೆ ದಿನಕ್ಕೆ 135 ಲೀಟರುಗಳು ಎಂದು ಶಿಫಾರಸ್ಸು ಮಾಡಿದ್ದು, ಬೆಂಗಳೂರಿನಲ್ಲಿ ನೀರಿನ ಪ್ರಮಾಣ ಸದರಿ ಶಿಫಾರಸ್ಸಿಗಿಂತ ಕಡಿಮೆ ಇದೆ. ನೀರು ಪೂರೈಕೆಯನ್ನು ಹೆಚ್ಚಿಸುವ ಇನ್ನಷ್ಟು ಯೋಜನೆಗಳನ್ನು ಕೈಗೊಳ್ಳದಿದ್ದರೆ ಪ್ರತಿ ವ್ಯಕ್ತಿಗೆ ದಿನಕ್ಕೆ 105 ಲೀಟರುಗಳಷ್ಟು ನೀರು ದೊರೆಯುವುದು. ಈಗಿನ ನೀರು ಸರಬರಾಜು ಪ್ರಮಾಣವನ್ನು ಗಣನೆಗೆ ತೆಗೆದುಕೊಂಡರೆ 2020ರ ವೇಳೆಗೆ ಪ್ರತಿ ವ್ಯಕ್ತಿಗೆ 90 ಲೀಟರ್‌ಗಳಿಗೆ ಇಳಿಕೆಯಾಗುವುದು. ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ್ರದೇಶದ ವಿಸ್ತೀರ್ಣವೂ ಸಹ ಗಣನೀಯವಾಗಿ ಹೆಚ್ಚಿದ್ದು, ಪ್ರಸ್ತುತವಾಗಿ 800 ಚ.ಕಿ.ಮೀ ವಿಸ್ತೀರ್ಣ ಹೊಂದಿದೆ. ಹಾಗಾಗಿ ಬೆಂಗಳೂರು ನಗರದ ಸದ್ಯದ ನೀರು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಯನ್ನು ಇನ್ನಷ್ಟು ಹೆಚ್ಚಿಸುವ ತುರ್ತು ಅಗತ್ಯವಿದೆ.



ಶೃಂಗೇರಿ ಸ್ವಾಮಿ

ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಲಿಯನ್ನು ವಿಧಾನಮಂಡಲದ ಒಂದು ಅಧಿನಿಯಮದ ಮೂಲಕ ರಚಿಸಲಾಗಿದೆ. (ಸರ್ಕಾರಿ ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ ಪಿ.ಎಲ್.ಎಂ. 15 ಎಂ.ಎನ್.ವೈ 64 ದಿನಾಂಕ: 01.12.64) ಮಂಡಲಿಯ ಆಡಳಿತವು ಸರ್ಕಾರವು ನೇಮಕ ಮಾಡುವ ಅಧ್ಯಕ್ಷರೂ ಸೇರಿದಂತೆ 9 ಸದಸ್ಯರ ಮಂಡಲಿಯಲ್ಲಿ ನಿಹಿತವಾಗಿದೆ. ಪ್ರಸಕ್ತ ವರದಿಯ ವರ್ಷದಲ್ಲಿ ಶ್ರೀ ತುಷಾರ್ ಗಿರಿ ನಾಥ್, ಭಾ.ಆ.ಸೇ. ರವರು ಮಂಡಲಿಯ ಅಧ್ಯಕ್ಷರಾಗಿರುತ್ತಾರೆ.

ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಸದಸ್ಯರು

ಅಧ್ಯಕ್ಷರು ಮಂಡಲಿಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಯಾಗಿದ್ದಾರೆ. ಇವರಿಗೆ ಓರ್ವ ಪ್ರಧಾನ ಅಭಿಯಂತರರು, ಓರ್ವ ಮುಖ್ಯ ಆಡಳಿತಾಧಿಕಾರಿ ಹಾಗೂ ಕಾರ್ಯದರ್ಶಿ, ಓರ್ವ ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು ಮತ್ತು ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿ(ರಾಜಸ್ವ/ವೆಚ್ಚ/ಯೋಜನೆಗಳು), ಆರು ಮುಖ್ಯ ಅಭಿಯಂತರರುಗಳು, ಓರ್ವ ಸಾರ್ವಜನಿಕ ಸಂಪರ್ಕಾಧಿಕಾರಿ ಮತ್ತು ಇತರ ಅಧಿಕಾರಿಗಳು ದೈನಂದಿನ ಆಡಳಿತದ ವಿಷಯದಲ್ಲಿ ನೆರವಾಗುತ್ತಾರೆ. (ಅನುಬಂಧ-2 ರಲ್ಲಿ ಸಂಘಟನಾ ಸ್ವರೂಪದ ನಕ್ಷೆಯನ್ನು ಲಗತ್ತಿಸಲಾಗಿದೆ.)

2019-20ನೇ ಸಾಲಿನ ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಮಂಡಲಿಯ ಸದಸ್ಯರು

ಸಂಖ್ಯೆ	ಅಧಿಕಾರಿಗಳ ಹೆಸರು	ಪದನಾಮ
1	ಶ್ರೀ ತುಷಾರ್ ಗಿರಿ ನಾಥ್, ಭಾ.ಆ.ಸೇ., (25-06-2016 ರಿಂದ)	ಅಧ್ಯಕ್ಷರು, ಬೆಂಗಳೂರು ಜಲ ಮಂಡಳಿ
	<u>ಸದಸ್ಯರು</u>	
2	ಶ್ರೀ ಮಹೇಂದ್ರ ಜೈನ್, ಭಾ.ಆ.ಸೇ., (20-04-2016 ರಿಂದ 29-05-2019) ಶ್ರೀ ಬಿ.ಹೆಚ್. ಅನಿಲ್ ಕುಮಾರ್, ಭಾ.ಆ.ಸೇ., (26-07-2019 ರಿಂದ 26-07-2019) ಡಾ ಇ.ವಿ. ರಮಣರೆಡ್ಡಿ, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ 27-01-2020) ಶ್ರೀ ರಾಕೇಶ್ ಸಿಂಗ್, ಭಾ.ಆ.ಸೇ., (14-02-2020 ರಿಂದ)	ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು, ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ
3	ಡಾ ಏಕ್‌ರೂಪ್ ಕೌರ್, ಭಾ.ಆ.ಸೇ., (03-07-2017 ರಿಂದ 29-05-2019) ಡಾ ಪಿ.ಸಿ. ಜಾಫರ್, ಭಾ.ಆ.ಸೇ., (26-07-2019 ರಿಂದ)	ಕಾರ್ಯದರ್ಶಿಗಳು, ಹಣಕಾಸು ಇಲಾಖೆ
4	ಶ್ರೀ ರಾಕೇಶ್ ಸಿಂಗ್, ಭಾ.ಆ.ಸೇ., (31-03-2017 ರಿಂದ 29-05-2019) ಡಾ ಎನ್. ಮಂಜುಳ, ಭಾ.ಆ.ಸೇ., (26-07-2019 ರಿಂದ 26-07-2019) ಡಾ ಜೆ.ಸಿ. ಪ್ರಕಾಶ್, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ)	ಆಯುಕ್ತರು, ಬಿ.ಡಿ.ಎ
5	ಶ್ರೀ ಎನ್. ಮಂಜುನಾಥ್ ಪ್ರಸಾದ್, ಭಾ.ಆ.ಸೇ., (27-08-2016 ರಿಂದ 26-07-2019) ಶ್ರೀ ಬಿ.ಹೆಚ್. ಅನಿಲ್ ಕುಮಾರ್, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ)	ಆಯುಕ್ತರು, ಬಿ.ಬಿ.ಎಂ.ಪಿ
6	ಶ್ರೀ ಎನ್. ಜಯರಾಮ್, ಭಾ.ಆ.ಸೇ., (03-10-2018 ರಿಂದ 29-05-2019) ಶ್ರೀ ಅಂಜುಮ್ ಪರ್ವೇಜ್, ಭಾ.ಆ.ಸೇ., (26-07-2019 ರಿಂದ 26-07-2019) ಡಾ ಜೆ. ರವಿಶಂಕರ್, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ)	ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕರ್ನಾಟಕ ನಗರ ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿ



7	ಶ್ರೀ ಇಬ್ರಾಹಿಂ ಎ.ಬಿ, ಭಾ.ಆ.ಸೇ., (13-07-2017 ರಿಂದ 26-07-2019) ಶ್ರೀ ಡಿ.ಎಸ್. ರಮೇಶ್, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ 17-10-2019) ಕು. ಚಾರುಲತ ಸೋಮಲ್, ಭಾ.ಆ.ಸೇ., (27-11-2019 ರಿಂದ)	ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆ.ಯು.ಐ.ಡಿ.ಎಪ್.ಸಿ
8	ಶ್ರೀ ಕೆ.ಪಿ. ಮೋಹನ್ ರಾಜ್, ಭಾ.ಆ.ಸೇ., (01-08-2018 ರಿಂದ 29-05-2019) ಶ್ರೀ ತುಷಾರ್ ಗಿರಿ ನಾಥ್, ಭಾ.ಆ.ಸೇ., (26-07-2019 ರಿಂದ 26-07-2019)(ಅಧಿಕ ಪ್ರಭಾರ) ಶ್ರೀ ವಿ.ಪಿ. ಇಕ್ಕೇರಿ, ಭಾ.ಆ.ಸೇ., (17-10-2019 ರಿಂದ)	ಆಯುಕ್ತರು, ಬಿ.ಎಂ.ಆರ್.ಡಿ.ಎ

2019-20ರ ಸಾಲಿನಲ್ಲಿ ಮಂಡಳಿಯ ಸಭೆಗಳು 7 ಬಾರಿ ನಡೆದಿವೆ.

**2019-20ರ ಸಾಲಿನಲ್ಲಿನ ತಾಂತ್ರಿಕ ಸಮಿತಿಯ ಅಧ್ಯಕ್ಷರು ಮತ್ತು ಇತರೆ ಸದಸ್ಯರು**

ಸಂಖ್ಯೆ	ಅಧಿಕಾರಿಗಳ ಹೆಸರು	ಪದನಾಮ
1	ಡಾ ಎಂ.ಎಸ್. ಮೋಹನ್ ಕುಮಾರ್ (18-12-2014 ರಿಂದ)	ಪ್ರಾಧ್ಯಾಪಕರು, ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಐ.ಐ.ಎಸ್.ಸಿ ಅಧ್ಯಕ್ಷರು
2	ಶ್ರೀ ರಾಮಸ್ವಾಮಿ (18-12-2014 ರಿಂದ 31-12-2019) ಶ್ರೀ ಕೆ.ಆರ್. ನಾರಾಯಣ ಐಯ್ಯಂಗಾರ್ (27-02-2020 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ನಿವೃತ್ತ), ಬೆಂಜಮಂ ಸದಸ್ಯರು
3	ಶ್ರೀ ಟಿ.ಎಂ. ರಾಜಕುಮಾರ್ (28-11-2013 ರಿಂದ 31-12-2019) ಶ್ರೀ ಭಾರದ್ವಾಜ್ ಅಮೃತೂರ್ (27-02-2020 ರಿಂದ)	ಸೂಪರಿಂಟೆಂಡೆಂಟ್ ಅಭಿಯಂತರರು (ನಿವೃತ್ತ), ಕೆ.ಪಿ.ಟಿ.ಸಿ.ಎಲ್, ಸದಸ್ಯರು ಪ್ರಾಧ್ಯಾಪಕರು, ಐ.ಐ.ಎಸ್.ಸಿ ಸದಸ್ಯರು
4	ಶ್ರೀ ಆರ್. ಸುಕುಮಾರನ್ (28-11-2013 ರಿಂದ 31-12-2019) ಶ್ರೀ ಗುರಲ ಗುರುನಾಥ್ (27-02-2020 ರಿಂದ)	ಅಪರ ಮುಖ್ಯ ಅಭಿಯಂತರರು(ನಿವೃತ್ತ), ಬೆಂಜಮಂ ಸದಸ್ಯರು ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು, ಐ.ಐ.ಎಸ್.ಸಿ ಸದಸ್ಯರು
5	ಶ್ರೀ ಎಂ.ಎ. ಪಾರ್ಥಸಾರಥಿ (15-11-2017 ರಿಂದ 31-12-2019) ಶ್ರೀ ಹೊಯ್ಸಳ ಚಾಣಾಕ್ಯ (27-02-2020 ರಿಂದ)	ಐಟಿ-ಐಡೆಕ್ ಸದಸ್ಯರು Chief Research Scientist , ಐ.ಐ.ಎಸ್.ಸಿ ಸದಸ್ಯರು
6	ಶ್ರೀ ಎಸ್. ವಿಶ್ವನಾಥ್ (27-02-2020 ರಿಂದ)	ಸಿವಿಲ್ ಇಂಜಿನಿಯರ್, ಬಯೋಮ್ ಟ್ರಸ್ಟ್
7	ಡಾ ಕೆಂಪರಾಮಯ್ಯ, (02-06-2016 ರಿಂದ)	ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಸದಸ್ಯರು
8	ಶ್ರೀ ರವಿ ಕಮಲಾಪುರ್ಕರ್ (14-09-2018 ರಿಂದ 29-07-2019) ಶ್ರೀ ಎಂ.ವಿ. ಪ್ರಶಾಂತ್ ಕುಮಾರ್ (20-09-2019 ರಿಂದ)	ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು, ಸದಸ್ಯರು
9	ಶ್ರೀ ಬಿ. ಶಿವಪ್ರಸಾದ್ (12-07-2018 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯೋಜನೆ), ಸದಸ್ಯರು
10	ಶ್ರೀ ಈ. ನಿತ್ಯಾನಂದಕುಮಾರ್ (12-07-2018 ರಿಂದ 27-02-2020)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ತ್ಯಾನೀನಿ) ಸದಸ್ಯರು



11	ಶ್ರೀ ಹೆಚ್.ಎಂ. ಗಂಗಾಧರಮೂರ್ತಿ (27-02-2020 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಸ), ಸದಸ್ಯರು
12	ಶ್ರೀ ಎಸ್.ವಿ. ರಮೇಶ್ (12-07-2018 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಕಾವೇರಿ) ಸದಸ್ಯರು
13	ಶ್ರೀ ಬಿ.ಸಿ. ಗಂಗಾಧರ್ (20-12-2018 ರಿಂದ 31-12-2019)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ನಿರ್ವಹಣೆ), ಸದಸ್ಯರು
14	ಶ್ರೀ ಬಿ.ಎಂ. ಸೋಮಶೇಖರ್ (27-02-2020 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಪೂರ್ವ), ಸದಸ್ಯರು
15	ಶ್ರೀ ಎಂ. ದೇವರಾಜ್ (27-02-2020 ರಿಂದ)	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಪಶ್ಚಿಮ), ಸದಸ್ಯರು
16	ಶ್ರೀ ಬಿ.ಎಂ. ಸೋಮಶೇಖರ್ (08-04-2019 ರಿಂದ 31-12-2019) ಶ್ರೀ ಹೆಚ್.ಎಂ. ಗಂಗಾಧರಮೂರ್ತಿ (27-02-2020 ರಿಂದ)	ಅಪರ ಮುಖ್ಯ ಅಭಿಯಂತರರು (ನಿ & ಯೋ)-6 ಸಂಚಾಲಕರು ಅಪರ ಮುಖ್ಯ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಸ) ಸಂಚಾಲಕರು

2019-20ರ ಸಾಲಿನಲ್ಲಿ ತಾಂತ್ರಿಕ ಸಮಿತಿ ಸಭೆಗಳು 8 ಬಾರಿ ನಡೆದಿವೆ.



The Board took the following major decisions in its various meetings during the year 2019-20

(1) The Board in its meeting held on 29-05-2019 vide subject No.-12

12. Tender for the work of providing and laying Water Supply Feeder Line from Suryanagar Phase I to Phase III to Supply 7.5 MLD Water under DC works of KHB.

Chief Engineer (P) explained that the above Work at an estimated cost of Rs.21.44 Crore is taken up under DC works of KHB, who have deposited an initial amount of Rs.7.84 Crores and have assured to deposit balance amount of Rs.13.60 Crores as the work progress.

Further CE(P) explained that M/s Maloo Constructions India Pvt. Ltd and M/s Standard Infratech India Private Limited have participated in the tender. The technical documents were reviewed in Tender Scrutiny Committee (Technical) in its meeting held on 27.04.2019 and Committee recommended for opening of the financial bid of M/s Maloo Constructions India Pvt. Ltd.

The financial bid of the single firm was opened on 09.05.2019 and details are as follows:

Sl No.	Name of the firm	Amount put to tender	Evaluated Cost	Percentage
1.	M/s Maloo Constructions India Pvt. Ltd	Rs.16,28,73,117/-	Rs.14,46,15,068.50	11.21% Below

Further CE(P) explained that the cost offered by the tender M/s Maloo Constructions India Private Ltd is Rs.14,46,15,068.50 which works out to 11.21% BELOW the amount put to tender. CE(P) informed that the work is to be taken up immediately and requested for approval to take up the work.

After detailed discussion, Board accorded approval to entrust the Work of providing and laying Water Supply Feeder Line from Suryanagar Phase I to Phase III to Supply 7.5 MLD Water under DC works of KHB., at an evaluated cost of



Rs.14,46,15,068.50 which works out to 11.21% BELOW the amount put to tender in favour of M/s Maloo Constructions (India) Pvt. Ltd, A-204/205, 2nd Floor, 25/26, Brigade Majestic, 1st Main, Gandhinagar, Bangalore – 560 009.

(2) The Board in its meeting held on 29-05-2019 vide subject No.-13

13. ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಸ್ಥಳೀ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲ ಕಾಯ್ದೆಗೆ ಅಭಿಪ್ರಾಯವು ಮುಖಾಂತರ ದಿನಾಂಕ: 27-08-2009 ರಲ್ಲಿ ಅಧಿಸೂಚನೆ ಮಾಡಲಾಗಿದ್ದು, ಮೇಲ್ಕಂಡ ಅಭಿಪ್ರಾಯವಿರುತ್ತದೆ ಈ ಸ್ಥಳೀಯವು ಅಳವಡಿಸಿಕೊಳ್ಳುವ ಕಟ್ಟಡಗಳಿಗೆ ದಂಡ ವಿಧಿಸಲು ದಿನಾಂಕ:25-02-2016ರಲ್ಲಿ ಘೋಷಿಸಿರುವ ಅಭಿಪ್ರಾಯವು ಅಧಿಸೂಚನೆಗೆ ಅಧಿಸೂಚನೆ ಮಾಡುವ ಬಗ್ಗೆ

ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂತರರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಲಿಯು ಅಂತರ್ಜಲ ವೃದ್ಧಿಸುವ ಕುರಿತು ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ: ಸಂ:ವ್ಯಾಇ 6 ಶಾಸನ 2009, ಬೆಂಗಳೂರು ದಿ.27.8.2009 ರಲ್ಲಿ ಬೆಂಗಳೂರು ಜಲಮಂಡಲ ಕಾಯ್ದೆಗೆ ತಿದ್ದುಪಡಿ ಮಾಡಲಾಗಿ ಆದೇಶ ಹೊರಡಿಸಿರುತ್ತದೆ. ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳದಿರುವವರಿಗೆ ವಿಧಿಸುತ್ತಿರುವ ದಂಡದ ಮೊತ್ತವನ್ನು ಹೆಚ್ಚಿಸಲು, ಈ ಕೆಳಕಂಡಂತೆ ಮಂಡಲಿಯ ಸಭೆಯ ಅನುಮೋದನೆಗಾಗಿ ಮಂಡಿಸಲಾಯಿತು.

“8 Levy of Additonal Water and Sanitary charges”:

ಕ್ರ. ಸ.	ಪ್ರಸ್ತುತ ಖಾತ್ರಿಯಲ್ಲಿರುವ ದಂಡದ ಮೊತ್ತ	ಪ್ರಸ್ತಾವಿತ ದಂಡದ ಮೊತ್ತ
1	Where the Owner or Occupier of a residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of twenty-five percent of the total water and sanitary charges for the first three months and thereafter an additional charges of fifty percent of the total	Where the Owner or Occupier of a residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building.



	water and sanitary charges till the rain water harvesting structure is provided to the building.	
2	Where the Owner or Occupier of a non-residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of fifty percent of the total water and sanitary charges for the first three months and thereafter an additional charges of hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building;	Where the Owner or Occupier of a non-residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of two hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building;

ಮಂಡಳಿಯ ಸಭೆಯು ಚರ್ಚೆಯ ನಂತರ ಮೇಲ್ಕಂಡ ಅಧಿಸೂಚನೆಯಂತೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳದ ಕಟ್ಟಡಗಳಿಗೆ ಪ್ರಸ್ತಾವಿತ ದಂಡದ ಮೊತ್ತವನ್ನು ವಿಧಿಸಲು ದಿನಾಂಕ: 25.02.2016ರಲ್ಲಿ ಹೊರಡಿಸಿರುವ ಅಧಿಸೂಚನೆಗೆ ತಿದ್ದುಪಡಿ ತರುವ ಕುರಿತು ಸರ್ಕಾರದ ಅನುಮೋದನೆಗಾಗಿ ಪತ್ರ ಬರೆಯಲು ನಿರ್ಣಯಿಸಿತು.

(3) The Board in its meeting held on 29-05-2019 vide subject No.-18

18. Revision of prorata charges for sanction of water supply and sanitary connection for Residential Buildings in the jurisdiction of BWSSB.

EIC explained the subject in detail and informed that the “**Prorata Charges**” came into effect during the year 1988. This Prorata charges is a onetime payment to be collected from the owners / developers of Multistoried Residential Apartments, Commercial Complexes as well as Residential Buildings while seeking approval for water supply & sanitary connection for their building. The prorata charges collected is utilized for improvement of water supply & sewerage system in any part of Bangalore city at a later date.

Further, EIC explained that to maintain uniformity between Residential Building and Multistoried residential or residential apartments or Group Housing or



Villas etc., it is proposed to increase the prorata charges for Residential building from Rs.250/- per Smt to Rs.400/- per Smt of Multistoried Residential Building / Apartments / Group Housing / Villas etc.,

After detailed discussions, the Board cleared the subject for seeking approval from the Government for the following:

- a) To revise the prorata charges for Residential building towards water supply & sanitary connections with immediate effect are as follows.

Sl. No.	Nature of Building	Present Rate of prorata charges on total built up area	Proposed Rate of prorata charges on total built up area
a)	Residential building	Rs.250/- per smt.	Rs.400/- per smt.

- b) The new rates will come into effect immediately.
- c) Residential building Prorata cases for which demand notice is already issued and also for residential building prorata cases which are applied online and are under process, one month cutoff date is permitted to pay the prorata at the prevailing rates. After the cutoff date, new rates will come into effect.
- d) For residential building cases where full prorata amount is paid, but other charges like GBWASP charges, line cost, interest amount & other charges etc. are not paid, no additional prorata charges will be collected.

(4) The Board in its meeting held on 26-07-2019 vide subject No.-15

15. ಸಿರಿಕೂಲಿ ನಿಧಿ ಸ್ಥಾಪನೆ ಮತ್ತು ನಿರ್ವಹಣೆಗಾಗಿ ಮೊತ್ತವನ್ನು ನಿಗದಿಪಡಿಸಿ, ರೇವಿನ್ ಇಲಾಖೆಯ ಬಗ್ಗೆ.

ಆ.ಸ & ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ, ಈ ಹಿಂದೆ ಮಂಡಳಿಯು ಪಿಂಚಣಿ ನಿಧಿ ಟ್ರಸ್ಟ್ ಸ್ಥಾಪಿಸಿ ಮೆ||ಎಲ್.ಐ.ಸಿ ವತಿಯಿಂದ ಉಚಿತವಾಗಿ Actuarial Calculations ಕೈಗೊಂಡು ಟ್ರಸ್ಟಿನ ಕಾರ್ಯಾಚರಣೆ ಬಗ್ಗೆ ಅಗತ್ಯ ಕ್ರಮಕೈಗೊಳ್ಳಲು ಮಂಡಳಿ ಸಭೆಯು ಸೂಚನೆ ನೀಡಿತ್ತು. ಮೆ||ಎಲ್.ಐ.ಸಿ ರವರಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ Actuarial Calculations ಸಂಬಂಧ ಅಗತ್ಯ ಮಾಹಿತಿ ನೀಡಿದ್ದು, ಸಂಸ್ಥೆಯು ಈವರೆವಿಗೂ ಯಾವುದೇ ಪ್ರತಿಕ್ರಿಯೆ ನೀಡಿರುವುದಿಲ್ಲ. ಈ ಮಧ್ಯೆ ಈಗಾಗಲೇ ಜಾರಿಯಲ್ಲಿರುವ ಮೆ||ಎಲ್.ಐ.ಸಿ ರವರ ಎರಡು ಪಿಂಚಣಿ ಯೋಜನೆಗಳನ್ನು ಪರಿಶೀಲಿಸಿದ್ದು, ಅವುಗಳು ಹೂಡಿಕೆ ಮೊತ್ತದ ಭದ್ರತೆ ಹಾಗೂ



ಪಿಂಚಣಿದಾರರೊಂದಿಗಿನ ಸಮನ್ವಿತ ದೃಷ್ಟಿಯಿಂದ ಮಂಡಳಿಗೆ ಸಮಂಜಸವಲ್ಲ ಎಂಬುದನ್ನು ಸಭೆಯು ಅವಗಾಹಿಸಿತು.

ಮೇಲಿನ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿ ಈ ಕೆಳಗಿನವುಗಳಿಗೆ ಸಭೆಯು ಅನುಮೋದನೆ ನೀಡಿತು.

1. ಪಿಂಚಣಿ ನಿಧಿ ಕಾರ್ಯಾಚರಣೆಯ ವಿಧಿವಿಧಾನ ಮತ್ತು ರೂಪರೇಷೆಗಳನ್ನು ರೂಪಿಸಲು ಮಂಡಳಿ ಪಿಂಚಣಿ ಶಾಖೆ, ಆರ್ಥಿಕ ಇಲಾಖೆ ಮತ್ತು ಕೆ.ಜಿ.ಐ.ಡಿ ಇಲಾಖೆಗಳ ಅಧಿಕಾರಿಗಳನ್ನೊಳಗೊಂಡ ಸಮಿತಿ ರಚಿಸುವುದು.
2. ಈ ಅವಧಿಯಲ್ಲಿ ಮಂಡಳಿ ಹೂಡಿಕೆ ನೀತಿಯನುಸಾರ ಪ್ರಾಥಮಿಕ ಹಂತವಾಗಿ ರೂ. 500.00 ಕೋಟಿಗಳನ್ನು ಪ್ರತ್ಯೇಕವಾಗಿ ಪಿಂಚಣಿ ನಿಧಿಗೆಂದು ರಾಷ್ಟ್ರೀಕೃತ ಬ್ಯಾಂಕ್‌ಗಳಲ್ಲಿ ಒಂದು ವರ್ಷದ ಅವಧಿಗೆ ನಿಶ್ಚಿತ ಠೇವಣಿ ಇರಿಸಲು ಮಂಡಳಿಯು ನಿರ್ಣಯಿಸಿತು.

(5) The Board in its meeting held on 26-07-2019 vide subject No.-19

19. Amendment to Bangalore Water Supply Regulations, 1965 for the implementation of Sub-meters for the buildings coming under the jurisdiction of BWSSB.

EIC explained the subject in detail. After detailed discussion Board has accorded approval to address a letter to Government for seeking approval for amending Bangalore Water Supply Regulations, 1965 by substituting the following:

“43A. Obligation to provide sub-meters:-

- 1) Every owner or occupier of a building having sital area of not less than 2400 square feet and building having three and more houses or every owner who propose to construct a building on a sital area of not less than 1200 square feet and building having three and more houses shall install their own internal meters for judicious consumption of water, to make the user of water accountable for the consumption which will lead to water saving and also by having proper auditing to prevent leakage of water within such date as may be notified by the State Government. However the billing will be done on the basis of meter provided by the BWSSB for the connection and that the readings of such internal meters will not be in any case be used for billing purpose or to



dispute the readings of the meter provided by BWSSB in any legal proceedings.

(6) The Board in its meeting held on 17-10-2019 vide subject No.-3

3. ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು
ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲ
(Bangalore Water Supply and Sewerage (Rain
Water Harvesting) Regulation, 2010) ವಿನ್ಯಾಸ 4
ಮತ್ತು 6 ಕ್ಕೆ ತಿದ್ದುಪಡಿ ಹಾಗೂ ವಿನ್ಯಾಸ 9 ಅನ್ನು ಹೊಸದಾಗಿ
ಸೇರ್ಪಡೆಗೊಳಿಸುವ ಬಗ್ಗೆ.

ಮಂಡಲಿಯ ಸಭೆಯಲ್ಲಿ ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು
ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲ (Bangalore Water Supply and
Sewerage (Rain Water Harvesting) Regulation, 2010) ವಿನ್ಯಾಸ 4 ಮತ್ತು 6 ಕ್ಕೆ
ತಿದ್ದುಪಡಿ ತರಲು ಹಾಗೂ ವಿನ್ಯಾಸ 9 ಅನ್ನು ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಗೊಳಿಸಲು ದಿನಾಂಕ:
10.10.2019 ರಂದು ಸರ್ಕಾರದ ಅನುಮೋದನೆಗಾಗಿ ಪತ್ರ ಬರೆಯಲಾಗಿದ್ದು, ಘಟನೋತ್ತರ
ಅನುಮೋದನೆ ನೀಡಲಾಯಿತು.

(7) The Board in its meeting held on 17-10-2019 vide subject No.-18

18. ಸರ್ಕಾರದ ಈ ಕೆಳಕಂಡ ಆದೇಶಗಳನ್ನು ಮಂಡಿಸಲು ವೇತನ
ಶ್ರೇಣಿ ಮತ್ತು ನಿಯಮಗಳ ಅನುಸಾರ ಮಾರ್ಪಡಿಸಿ ಮಂಡಿಸಲು
ಅನುಮೋದನೆ ನೀಡುವ ಬಗ್ಗೆ.

- I. ಆಯ್ಕೆ ಕಾಲಿಕ ವೇತನ ಶ್ರೇಣಿ/ ಹಿರಿಯ ವೇತನ ಶ್ರೇಣಿ
ಸೌಲಭ್ಯಗಳನ್ನು ರಾಜ್ಯ ವೇತನ ಶ್ರೇಣಿ ಹೊಂದಿರುವ ಎಲ್ಲಾ
ಅಧಿಕಾರಿ/ನೌಕರರಿಗೆ ಅನ್ವಯಿಸುವ ಬಗ್ಗೆ.
- II. ಗಳಿಕೆ ರಜೆಯನ್ನು ಅಧ್ಯಾಪನ ನಗರೀಕರಣ ಪಡೆಯುವ
ಸೌಲಭ್ಯವನ್ನು ನಿಯತಗೊಳಿಸುವ ಬಗ್ಗೆ.

ಮುಖ್ಯ-ಕಾರ್ಯದರ್ಶಿ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ
ಮಂಡಳಿಯಲ್ಲಿ 'ಬಿ', 'ಸಿ' ಮತ್ತು 'ಡಿ' ವೃಂದದಲ್ಲಿ 7 ವರ್ಷ ಪದೋನ್ನತಿ ಇಲ್ಲದೆ ಸೇವೆ ಸಲ್ಲಿಸಿರುವ



ನೌಕರರಿಗೆ ಕಾಲಮಿತಿ ವೇತನ ಬಡ್ತಿಯನ್ನು ವಿಸ್ತರಿಸುತ್ತಿರುವುದರಿಂದ ಗ್ರೂಪ್-ಎ ಗುಂಪಿನಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳಿಗೆ ಇಳಿಕೆ ಮಾಡಿ, 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ದಿನಾಂಕ: 13.05.2015ರಂದು ಜಾರಿಗೊಳಿಸಲಾಗಿರುವ 2013 ಮತ್ತು 2018ರ ಪರಿಷ್ಕೃತ ವೇತನ ಶ್ರೇಣಿಗೆ ಅನುಗುಣವಾಗಿ ಈ ಮುಂದಿನಂತೆ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿಯನ್ನು ಮಂಜೂರು ಮಾಡಲು ಮಂಡಳಿಯು ನಿರ್ಣಯಿಸಿತು.

I. 2013 ರ ಪರಿಷ್ಕೃತ ವೇತನ ಶ್ರೇಣಿ

- a) ವೇತನ ಶ್ರೇಣಿ ರೂ. 33380-71380 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 37380-73080 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- b) ವೇತನ ಶ್ರೇಣಿ ರೂ. 46180-78630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 48680-80630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- c) ವೇತನ ಶ್ರೇಣಿ ರೂ. 48680-80630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 52880-80630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- d) ವೇತನ ಶ್ರೇಣಿ ರೂ. 55680-84630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 66280-90630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.

II. 2018 ರ ಪರಿಷ್ಕೃತ ವೇತನ ಶ್ರೇಣಿ

- a) ವೇತನ ಶ್ರೇಣಿ ರೂ. 59650-127400 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 66770-130430 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- b) ವೇತನ ಶ್ರೇಣಿ ರೂ. 82450-140330 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 86910-143890 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- c) ವೇತನ ಶ್ರೇಣಿ ರೂ. 86910-143890 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 94410-143890 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- d) ವೇತನ ಶ್ರೇಣಿ ರೂ. 99410-151010 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 118310-161690 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.

ಮಂಡಳಿಯ ವೇತನ ಶ್ರೇಣಿಯ 21ನೇ ವೇತನ ಶ್ರೇಣಿಯು ಕೊನೆಯ ವೇತನ ಶ್ರೇಣಿಯಾಗಿದ್ದು, ಈ ವೇತನ ಶ್ರೇಣಿ ಹೊಂದಿರುವ ಹುದ್ದೆಗಳಿಗೆ ಯಾವುದೇ ಆಯ್ಕೆ ಕಾಲಿಕ ವೇತನ ಶ್ರೇಣಿ ಲಭ್ಯವಿರುವುದಿರುವುದರಿಂದ 21ನೇ ವೇತನ ಶ್ರೇಣಿಯಲ್ಲಿ, ಯಾವುದೇ ಮುಂಬಡ್ತಿಯಿಲ್ಲದೆ 6 ವರ್ಷಗಳ ಸತತ ಸೇವೆ ಸಲ್ಲಿಸುವ 'ಎ' ಗುಂಪಿನ ಅಧಿಕಾರಿಗಳಿಗೆ ಅದೇ ವೇತನ ಶ್ರೇಣಿಯಲ್ಲಿ ಒಂದು ಹೆಚ್ಚುವರಿ ವೇತನ ಬಡ್ತಿ ನೀಡಲು ಹಾಗೂ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿಯು ಸೇವೆಯಲ್ಲಿ ಒಂದು ಬಾರಿ ಮಾತ್ರ ಲಭ್ಯವಾಗತಕ್ಕದ್ದು ಮತ್ತು ಈ ಆದೇಶವನ್ನು ದಿನಾಂಕ: 01.02.2014 ರಿಂದ ಜಾರಿಗೆ ತರಲು ಮಂಡಳಿಯು ಒಪ್ಪಿತು.



ಹಾಗೆಯೇ, ಮಂಡಳಿಯಲ್ಲಿ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಪಿಸಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯವನ್ನು ಪಡೆಯುವ ಕುರಿತು ಪ್ರತ್ಯೇಕ ನಿಯಮಾವಳಿಗಳು ಜಾರಿಯಲ್ಲಿರುವುದರಿಂದ ದಿನಾಂಕ: 14.06.2012ರ ಸರ್ಕಾರಿ ಆದೇಶದನ್ವಯ ಮಂಡಳಿಯಲ್ಲಿ 'ಎ' ಮತ್ತು 'ಬಿ' ಗುಂಪಿನ ಅಧಿಕಾರಿಗಳು ಪ್ರಸ್ತುತ ಒಂದು ನಿರ್ದಿಷ್ಟ ಬ್ಲಾಕ್ ಅವಧಿಗೆ 30 ದಿನಗಳಿಗೆ ಮೀರದಂತೆ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಪಿಸಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯ ಪಡೆಯಲು ಮಂಡಳಿಯ ಅಧಿಕೃತ ಜ್ಞಾಪನ ದಿನಾಂಕ: 23.01.1999ರಲ್ಲಿ ಆದೇಶಿಸಿರುವುದನ್ನು ಮಾರ್ಪಡಿಸಿ ದಿನಾಂಕ: 01.01.2020 ರಿಂದ ಅನ್ವಯಿಸುವಂತೆ ಪ್ರತಿ ವರ್ಷ ಏಪ್ರಿಲ್ ರಿಂದ ಡಿಸೆಂಬರ್ ರವರೆಗಿನ ಯಾವುದೇ ತಿಂಗಳಿನಲ್ಲಿ ಒಂದು ತಿಂಗಳ ಮುಂಚಿತವಾಗಿ ನೋಟೀಸ್ ನೀಡಿ 15 ದಿನಗಳ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಪಿಸಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯ ಪಡೆಯುವಂತೆ ಅವಕಾಶ ಕಲ್ಪಿಸಲು ಹಾಗೂ 'ಸಿ' ಮತ್ತು 'ಡಿ' ವೃಂದದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಇಲ್ಲದಂತೆ ದಿನಾಂಕ: 23.01.1999ರ ಆದೇಶವನ್ನು ಯಥಾವತ್ತಾಗಿ ಮುಂದುವರಿಸಲು ಮಂಡಳಿಯು ಒಪ್ಪಿತು.

(8) The Board in its meeting held on 17-10-2019 vide subject No.-25

25. ಮುಖ್ಯ ಮಂತ್ರಿರಿಯವರ ವಿಜ್ಞಾಪನಾ ಪರಿಹಾರ ನಿಧಿಗೆ ದೇಣಿಗೆ ನೀಡುವ ಬಗ್ಗೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಸಭೆಯು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಿ, ಸಮಗ್ರವಾಗಿ ಚರ್ಚಿಸಿ, ಮಂಡಿಸಿರುವಂತೆ 2019-20ನೇ ಸಾಲಿನ ರಾಜಸ್ವ ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ Contribution to CMs Relief Fund ಅಡಿಯಲ್ಲಿ ಪರಿಷ್ಕೃತ ಆಯ-ವ್ಯಯದಲ್ಲಿ ಹಂಚಿಕೆ ಮೊತ್ತವನ್ನು ಪರಿಷ್ಕರಿಸಿಕೊಳ್ಳುವುದರೊಂದಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ “ಮುಖ್ಯ ಮಂತ್ರಿಯವರ ವಿಜ್ಞಾಪನಾ ಪರಿಹಾರ ನಿಧಿಗೆ” ರೂ. 1,00,00,000.00 (ಒಂದು ಕೋಟಿ ರೂಪಾಯಿ ಮಾತ್ರ) ಕೋಟಿಗಳನ್ನು ದೇಣಿಗೆಯಾಗಿ ನೀಡಲು ನಿರ್ಣಯಿಸಲಾಯಿತು.

(9) The Board in its meeting held on 17-10-2019 vide subject No.-26

26. ಮುಖ್ಯ ಮಂತ್ರಿರಿಯವರ ವಿಜ್ಞಾಪನಾ ಪರಿಹಾರ ನಿಧಿಗೆ ಮಂಡಳಿ ಅಧಿಕಾರಿ / ನೌಕರರ ಒಂದು ನಿಗದಿತ ವೇತನ ದೇಣಿಗೆಯಾಗಿ ನೀಡುತ್ತಿರುವ ಬಗ್ಗೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಸಭೆಯು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಿ, ಮಂಡಳಿ ನೌಕರರ ಉದಾರತೆಯನ್ನು ಪ್ರಶಂಸಿಸಿ,



ಆಗಸ್ಟ್-2019ನೇ ಮಾಸದಲ್ಲಿ ಕಟಾವಣೆಗೊಳಿಸಿರುವ ಒಂದು ದಿನದ ವೇತನವನ್ನು “ಮುಖ್ಯ ಮಂತ್ರಿಯವರ ವಿಪತ್ತು ಪರಿಹಾರ ನಿಧಿಗೆ” ದೇಣಿಗೆಯಾಗಿ ನೀಡುತ್ತಿರುವ ಕ್ರಮವನ್ನು ಅವಗಾಹಿಸಿ, ಪಾವತಿಸಲು ಅನುಮತಿ ನೀಡಲಾಯಿತು.

(10) The Special Board in its meeting held on 27-11-2019 vide Circulated subject No.- I

I Annual Accounts for the Financial Year 2017-18.

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The Board during confirmation of the Certified Annual Accounts for Financial Year 2017-18 observed the delay in compilation of the Accounts of the Board every year. The Board enquired the delay in furnishing the Accounts to Assistant Controller (Accounts). The Assistant Controller (Accounts) explained the delay in furnishing the Accounts was from FY 2000-01 itself and this was due to manual compilation of Annual Accounts. The Assistant Controller (Accounts) further explained that previously there was a backlog of 3 to 4 years in compilation of the Accounts and this has been now streamlined and presently there is a backlog of one year only i.e., FY 2018-19 Accounts. As this is the first year of compilation of Annual Accounts (FY-2018-19) using Oracle Financials Software which is newly introduced in the Board, the AC(Accounts) requested time up to end of March 2020 for completion of compilation activity.

The Board after detailed discussion directed Assistant Controller (Accounts) to compile and submit the Annual Accounts of the Board for FY 2018-19, by the end of December 2019 without further delay, failing which necessary action shall be initiated. The accounts for the Financial Year 2018-19 should be adopted by the Board by March 2020.

After detailed discussion on the above subject moved under circulation among the Board Members, the Board accorded confirmation to:

- 1) Adoption of the Certified Annual Accounts and Audit Report of the Board for Financial Year 2017-18.



- 2) Permission to submit the Certified Annual Accounts and Audit Report for FY 2017-18 before both the Houses of State Legislature.

(11) The Special Board in its meeting held on 27-11-2019 vide subject No.-1

1. Work of Supply, Installation, Erection and Commissioning of Electro - Mechanical and Instrumentation with allied works for 32.5MLD Wet well at Bellandur, Amanikere, Bangalore.

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CE(WWM) explained the subject in detail. It was informed that In Bellandur Amanikere area, 90 MLD capacity STP was constructed under Kaveri Zone to which 60 MLD sewage is being pumped from Agaram pumping station. Under KMRP sewer pipeline was laid up to a point in Bellandur Amanikere area STP (near Thubarahalli side). It was observed that, there is a static difference of 17 Mtrs from this disposal point to STP inlet. This pipeline carries about 30 MLD of sewage from the catchment area of Siddapura, Ramagondanahalli and Thubarahalli. To connect the disposal of sewage from Thubarahalli side to 90 MLD Bellandur Amanikere STP, it is essential to construct an ISPS at Thubarahalli side to avoid the entry of sewage into Varthur lake.

CE(WWM) explained that the estimate for the Work of Construction of Intermediate Sewage Pumping Station at Bellandur STP was prepared by CE(P) Zone at a total cost of Rs.9,69,50,000/- comprising of Civil and Electro-Mechanical works. The proposal was cleared by Technical Committee in its meeting held on 17-10-2017 and also Administrative Approval was obtained from Board in its meeting held on 30-11-2017. Tenders for the above said work were invited by CE(P) office for 5 times. But there were no responses from any of the bidders. The poor/no responses to the various tender invitations are due to the reasons such as the proposed ISPS is in the middle of the nala, the wet well proposed is square/rectangular in shape with open excavation, the open excavation in the nala is difficult due to continuous flow in the nala, slushy soil and vehicular movement is also difficult and there is no proper approach road.

Later the file was handed over to CE (WWM) zone and the proposal was re-examined and it was learnt that the estimate for civil portion was prepared for Rs.4.62



crore where in the estimation for road works was not considered as per the site conditions, the quantities for gravity main was considered as 15 Rmt only and soil test was not conducted but to prepare the estimate for earthwork portion the existing report of adjacent site of 90 MLD STP was considered and accordingly all the items were calculated. The Coffor Dam, Steel Girder, Boundary Wall, Drain Work and the Design, Drawing and Documentation were not considered in the civil portion of the work. The rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14. In the estimate, electro mechanical portion was prepared for Rs.4.97 crore wherein Design, Drawing and Documentation was not considered and the rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14 and quotations of 2016-17. This was also one of the reasons for poor response from bidders.

In order to have more responses from the competent and experienced bidders, two estimates have been prepared one for the Civil portion of work amounting to Rs.9.38 Crore and the other one for Electro-Mechanical portion of work amounting to Rs.6.99 Crore based on the SR of 2017-18 and present market rates. These estimates were prepared including the inlet chamber, wetwell with Coffor Dam for diversion of water flowing in the storm water drain, earthwork excavation has been considered after conducting a fresh soil investigation and its report, M30 grade concrete considered for RCC cutting edge wall chambers, culvert, electric room, saddle support, road and embankment works, Electro Magnetic Flow Meter. The Gravity main length has been increased since the nala has to be diverted with Coffor dam. The distance from the last manhole to the wetwell location has increased from 15mtrs to 80mtrs after assessing the same, plant drain and boundary wall rates have been considered along with contingencies, insurance, consultancy and supervision charges in the modified estimates. These estimates are based on the BWSSB SR 2017-18, PWD SR 2016-17, KUWSDB SR 2015-16, TWADB SR 2018-19 and the quotations based on the present market rates (2018-19).

These two estimates were placed before the Estimate Scrutiny Committee on 05-03-2019 and the committee cleared the same. The estimates were then placed before the Technical Committee in the meeting held on 29-07-2019 and committee cleared the subject and opined to go for separate tenders for civil works and electromechanical works as it will be easier for the early completion of the project.



Further, CE(WWM) explained that the for the Civil portion of the work the tenders were floated for 5 times and there was no proper response from the bidders having the specified pre qualification criteria. Now the tender has been floated for the 6th time. For the electro mechanical portion of work the tenders were invited through e-procurement portal for 4 times. Single bidder participated in the first call and no bids were received for next 2 calls. In response to the fourth call, two bidders, M/s.Friend's Engineering Corporation, Mumbai and M/s.Krushni Infrass India Pvt Ltd, Hyderabad have submitted their offers. The Tender Scrutiny Committee (Technical) in the meeting held on 07.11.2019 has cleared technical evaluation of these two firms and recommended for further action.

Financial bids of both the firms were opened on 14.11.2019 and observed that M/s.Friend's Engineering Corporation has offered to execute the work at a cost of Rs.7,34,45,486/- which is 19.9% above the amount put to tender of Rs.6,12,55,521/- and the firm M/s. Krushi Infrass India Pvt Ltd has offered to execute the subject work at a total cost of Rs.7,82,82,450/- which is 27.79% above the amount put to tender of Rs.6,12,55,521/-

The subject was placed before the Tender Scrutiny Committee (Finance) in the meeting held on 19-11-2019. The committee after review of the offers felt that the lowest offer of the firm M/s.Friend's Engineering Corporation amounting to Rs.7,34,45,486/- which is 19.9% above the amount put to tender of Rs.6,12,55,521/- is slightly on the higher side and recommended to accept this offer at a tender premium of 16.00% amounting to Rs.7,10,56,404/-.

This work is required to be completed early, since the Hon'ble NGT is strictly monitoring all the connected works to avoid pollution of Bellandur and Varthur Lakes and directed the Board to carryout all the connected works on war foot basis and the above works need to be taken up immediately and compliance to be submitted to Hon'ble NGT with the updated status on the Committee report headed by Hon'ble Justice Sri N. Santosh Hegde.

The Board after detailed discussions accorded approval to the lowest negotiated offer of the firm M/s. Friend's Engineering Corporation, Mumbai amounting to Rs.7,10,56,404/- which is 16% above the amount put to tender of Rs.6,12,55,521/- for



the work of Work of Supply, Installation, Erection and Commissioning of Electro-Mechanical and Instrumentation with allied works for 32.5MLD Wet Well at Bellandur Amanikere, Bangalore and suggested to take up this work along with the other work of Civil portion simultaneously and complete the work within the specified time period as submitted to Hon'ble NGT.

(12) The Special Board in its meeting held on 27-11-2019 vide subject No.-3

**3. Work of City Trunk Main along Eastern Route –CP-09
for JICA assisted BWSSP Phase III (CWSS Vth stage).**

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CE (K) explained the subject to the Board and details are as follows:

The Government of Karnataka (GoK) has approved the Cauvery Water Supply Scheme Stage V vide G.O. No. UDD 11 MNI 2015 Dated 12-10-2017 at a cost of Rs.5550 Crore. The approval is given by the GoK subsequent to the allocation of an additional 10 TMC (775 MLD) of Cauvery Water for Bangalore city in order to provide water supply to the newly added 110 villages which are part of BBMP and also for the water supply improvement in the entire city. The CWSS Stage V project is taken up with the financial assistance from JICA (Japan International Co-operation Agency). As per the Minutes of Discussion (MoD) the loan assistance is to the tune of 81,097 Million JPY. The same is divided into two Tranches, Tranche-1- 45,000 Million JPY & Tranche-2 - 36,097 Million JPY. The Loan agreement for the Tranche I of the CWSS Stage V has been signed on 24-01-2018, ID P 266 for 45,000 Million JPY for both water and sewerage component.

Water supply component consists of total nine packages, out of which the presently the CP-09 package Work of City Trunk Main along Eastern Route from Vajarahalli to Kadgoddi consists of various dia City clear water feeder ranging from 1600/1300/1000/800mm the total length of feeder is 44.35 km which is supplying portable water to 3 city reservoirs (Doddakannahalli, Hudi and Kadgoddi).



The Cost Estimate for the above package was prepared for Rs.389.09 Crores and placed before the Estimate Scrutiny Committee. The committee accorded the approval for the above in the meeting held on 27.02.2019. The Engineers Estimate for the work is prepared on the basis of 2018-19 SOR of BWSSB and for the items not available in SOR from the present market rate by obtaining quotations from 3 reputed manufacturers. The tender was invited for CP-09 for Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/130/2019-20 dated:08.05.2019 and IFT was published in Times of India, Indian Express and Prajavani on 08-05-2019. with last date to submit bids on 15-07-2019.

CE (K) explained the technical bid was opened on 15-07-2019. In response to the IFT, the following four firms have submitted the Bids.

1. M/s. NCC Limited.,
2. Larsen & Toubro Limited.,
3. M/s. Megha Engineering & Infrastructures Ltd.,
4. M/s. SPML – UGCL - JV.

The documents submitted by the firms are evaluated by JICA appointed ONTB consultants and the following four firms are technically responsive to Bid.

1. M/s. NCC Limited.,
2. Larsen & Toubro Limited.,
3. M/s. Megha Engineering & Infrastructures Ltd.,
4. M/s. SPML – UGCL - JV.

CE (K) explained the Technical Bid evaluation report (TBER) was submitted by ONTB consultants the same is approved and adopted by TSC (T) on 23.07.2019. Further TBER was submitted to JICA for concurrence and further process, accordingly JICA has given “No objection” to TBER and clearance to open the price Bids on 22 Aug 2019.

The Price Bid for CP-09 Package was opened on 28-08-2019 with concurrence of JICA, in the presence of Technically Qualified Bidders, consultants and BWSSB officials. The Price Bids were read out in front of 04 qualified bidders.



CE (K) explained the comparison of Quoted Price for all bidders with the Engineers Estimate considering corrections and unconditional Discounts are arrived and are as follows:

Bill No.	Description	Engineers Estimate	M/s.Larsen & Toubro Limited(L&T)	M/s.NCC Limited	SPML-UGCL JV	M/s. Megha Engineering & Infrastructures Limited	% Variation of LI (M/s.L&T) with respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	601799217	961281035	722264455	703760210	632511450	59.73%
II	Concrete and Allied works	777236618	768791698	835060378	881395972	82724650	-1.09%
III	Pipelines, Specials and Appurtenances	2425331637	2363541960	2595281474	2931072086	3406735285	-2.55%
IV	Trenchless Works	59836190	79515740	99450000	87986020	63240000	32.80%
V	Pipe bridge at Nice road crossing and Nallah crossing near Bellandur STP	26668559	31712959	37014475	36264617	41909335	18.92%
A	Sub Total of Bills I to V	3890872221	4204843392	4289070782	4640478905	4966120720	8.07%
B	Schedule of Day works	9699462	14495400	11258070	9495000	11528677.5	49.45%
	Total (Item A+B)	3900571683	4219338792	4300328852	4649973905	4977649398	
	Discount Offered		NIL	NIL	4.35%	NIL	
	Evaluated Bid Price (Excluding Provisional sum, Physical contingencies)	3900571683	4219338792	4300328852	4447700040	4977649398	8.17%
	% Variation of Bidder quoted price with Respect to Engineers Estimate		8.17%	10.25%	14.03%	27.61%	
C	Provisional sum,	272361208	272361208	272361208	272361208	272361208	



	Physical contingencies						
Total Bid Amount (Item A+B+C)	4,172,932,891	4,491,700,000	4,572,690,060	4,720,061,248	5,250,010,605.5		
RANK		L1	L2	L3	L4		

As per Price Bid Evaluation Report (PBER), submitted by the ONTB consultants, the lowest evaluated bidder L1 for this item rate contract is M/s Larsen & Toubro Ltd and is responsive to the Bid. The quoted bid price is Rs 421, 93,38,792/- (excluding provisional sum and contingency of Rs 27,23,61,208) which works out to 8.17% above Engineer's estimated cost .

Above subject was placed before TSC (F) committee of BWSSB on 30/09/19 for their review and approval. The committee opined that the price quoted by the lowest evaluated bidder M/s Larsen & Toubro Ltd amounting to Rs 421,93,38,792/- (excluding provisional sum and contingency of Rs 27,23,61,208) which is 8.17/- above the Engineer's estimated cost is reasonable as it includes GST and all other statutory requirement.

The Committee opined to send the Price Bid Evaluation Report (PBER) along with TSC (F) Proceedings to JICA for their concurrence towards the award of contract to the lowest evaluated bidder M/s Larsen & Toubro Ltd.

CE (K) explained In this regard, PBER along with TSC (F) Proceedings were forwarded to JICA as per JICA Guidelines Section 1.05, JICA's Review, Notes 06, for seeking concurrence for award of the contract to lowest Evaluated bidder M/s Larsen & Toubro Ltd for contract package CP-09.

The JICA has given concurrence for PBER and have expressed "No objection" for price evaluation and requested for conclusion and award of contract on 20th Nov'2019 for Work for City Trunk Main along Eastern Route -CP-09.

During the discussion, ACS (UDD) sought to know the procedure for placing the subject of financial evaluation to the board before or after the JICA concurrence.

CE (K) explained, and informed that in CP-09 package as advised by JICA based on the procedure in Delhi Jal Board, the subject of award of accepted contract is



put for the approval of the Board after obtaining concurrence from JICA. In Delhi Jal board the Chairman of the Board is the Hon'ble Chief Minister of Delhi and to expedite the work they adopted that procedure. Where as in BWSSB, on earlier occasions, the accepted bid was first placed before board for approval and then sent to JICA for concurrence and award of the contract. For all higher quotes where in negotiation or retendering was required, the proposal was sent to JICA for negotiation or retendering, by the Chairman without placing it before the Board for their concurrence, and after negotiation same is placed before the Board for acceptance of the Bid. The bid once finalized in the Board is sent for concurrence of JICA and on receiving concurrence the contract is signed.

Chairman, BWSSB informed that the earlier procedure will be adopted in future as the Delhi Jal Board constitution is different from BWSSB.

After detailed discussions, Board accorded approval for award of contract to the Lowest Bidder M/s Larsen & Toubro Ltd for the Work of City Trunk Main along Eastern Route: CP-09 Package, amounting to 421,93,38,792/-(excluding provisional sum and contingency of Rs 27,23,61,20) which is 8.17/- above the Engineer's estimated cost. The Cost is inclusive of all taxes and duties.

(13)The Special Board in its meeting held on 27-11-2019 vide subject No.-4

4. a. **Tender for the work of JICA Assisted BWSSP III, (CWSS Stage V) work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli: CP-07-for seeking approval for negotiation with lowest bidder.**
- b. **Tender for the work of JICA Assisted BWSSP III, (CWSS Stage V) work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli: CP-08-for seeking approval for award of the contract.**

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CE (K) explained the subject to the Board and details are as follows:

The Government of Karnataka (GoK) has approved the Cauvery Water Supply Scheme Stage V vide G.O. No. UDD 11 MNI 2015 Dated 12-10-2017 at a cost of



Rs.5550 Crore. The approval is given by the GoK subsequent to the allocation of an additional 10 TMC (775 MLD) of Cauvery Water for Bangalore city in order to provide water supply to the newly added 110 villages which are part of BBMP and also for the water supply improvement in the entire city. The CWSS Stage V project is taken up with the financial assistance from JICA (Japan International Co-operation Agency). As per the Minutes of Discussion (MoD) the loan assistance is to the tune of 81,097 Million JPY. The same is divided into two Tranches, Tranche-1- 45,000 Million JPY & Tranche-2 - 36,097 Million JPY. The Loan agreement for the Tranche I of the CWSS Stage V has been signed on 24-01-2018, ID P 266 for 45,000 Million JPY for both water and sewerage component.

Water supply component consists of total nine packages, out of which the presently the CP-07 package: Work for Supplying, Fabrications and Laying of Clear Water Transmission Mains from TK Halli to Harohalli CP-07 consists clear water Transmission Main of 3000mm dia and a total length of 43.5KM.

CP-08 package: Work for Supplying, Fabrications and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli CP-08 consists clear water Transmission Main of 3000mm dia and a total length of 25.5KM.

The Cost Estimate for the above package was prepared for Rs.865.75 Crores and 532.24crore respectively and placed before the Estimate Scrutiny Committee. The committee accorded the approval for the above in the meeting held on 07.03.2019. The Engineers Estimate for the work is prepared on the basis of 2018-19 SOR of BWSSB and for the items not available in SOR from the present market rate by obtaining quotations from 3 reputed manufacturers.

The tender was invited for CP-07 Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/68/2019-20 dated:26.04.2019 and CP-08 Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/69/2019-20 dated:26.04.2019 and IFT was published in Times of India, Indian Express and Prajavani on 08-05-2019.with last date to submit bids on 29-06-2019. The Technical Bids for these packages was opened on 29th June'2019.



The following bidders participated in the bidding process:

For CP-07:

- 1) M/s. Megha Engineering and Infrastructure Ltd
- 2) M/s. Larsen and Toubro Ltd

For CP-08:

- 1) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 2) M/s Larsen and Toubro Limited
- 3) M/s SPML Infrastructure Limited

CE (K) explained that, the Technical Bid Evaluation was done by the PMC, M/s. ONTB, who submitted the Technical Bid Evaluation Report (TBER) on 09th July'2019 and 10th July'2019 for CP-07 and CP-08 respectively. The TBER for the package was placed before the Tender Scrutiny Committee (TSC)-Technical on 11th July'2019 and 17th July'2019 and the same was cleared by TSC (T). Subsequent to the receipt of approval from TSC (T) the TBER of the Contract package CP-07 and CP-08 was forwarded to JICA for their concurrence.

As per the TBER the Technically Qualified Bidders are as follows

For CP-07:

- 1) M/s. Megha Engineering and Infrastructure Ltd(MEIL)
- 2) M/s. Larsen and Toubro Ltd

For CP-08:

- 1) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 2) M/s Larsen and Toubro Limited

In the meantime BWSSB received three anonymous letters:

1. Letter addressed to Honourable PM, GOI by Sri. Radhey Shyam Rao
Dt: 12.07.2019



2. Letter addressed to Honourable PM, GOI by Sri. Radhey Shyam Rao
Dt: 15.07.2019.
3. Letter addressed to Honourable CM, (GOK by Sri Puneet Nagabhusushan
Dt: 15.07.2019.

The letters were on allegation against Bidding process and cartelization by 3 Companies from the office of Chief Secretary, GOK. Letters from Radhey sham dated 12-07-2019, 15-07- 2019 and Puneeth Nagabhushan, Dated 15-07-2019. In all these letters no identification i.e. address of complainant is not indicated hence the same is considered anonymous by GOK/BWSSB.

CE (K) explained the summary of the contents of the letters as follows:-

The letter states that the companies “M/s L&T, M/s MEIL and M/s NCC have targeted the JICA funded BWSSP III”. It indicates that in “BWSSB. Package 7: M/s Megha Engineering will bid and it will be supported by M/s L&T and M/s L&T will give higher bid. Similarly in Package 8: M/s Gayatri + M/s NCC (JV) will bid and M/s L&T will give higher bid. In both cases L&T is supporting only by giving higher bid with an understanding that in Orissa tenders NCC and Megha will support L&T and they will bid high prices”. Apart from the above it was also indicated in the letter that other companies are restricted to participate in the above tender using CDR and NCLT clauses.

In another letter it is indicated that, in Orissa tender for Rural Water Supply Project pertaining to Keonjhar District under RWSS division M/s L & T has quoted as Lowest -1 whereas the two companies who were L-2 & 3 were none other than M/s Megha Engineering and M/s NCC who were supported by M/s L & T in BWSSB job.

Similarly in another letter it is depicted that M/s. NCC Ltd's, Contracts being terminated and being blacklisted by government entities, namely and hence should not be considered bidding process.

- 1) NTPC terminating coal mining contract with BGR group over allegations of Corruptions – where in M/s. NCC Ltd has been part of the Consortium with BGR group.
- 2) Rajasthan Government terminating the Contract of M/s. NCC Ltd over poor performance under Package 1 of the integrated Taranagar – Jhunjhunu-Sikar-



Khetri Drinking Water Supply Project.

In this regard, responses were given to JICA, GOK and DEA vide the following reference letters.

1. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1085/19-20 Dt:16.08.2019.
2. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1155/19-20 Dt:27.08.2019
3. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1257/19-20 Dt:06.09.2019
4. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1416/19-20 Dt:24.09.2019
5. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1417/19-20 Dt:24.09.2019

CE (K) explained the responses of the above letters to the Board.

All the bid documents have been prepared as per JICA procurement guidelines and after taking concurrence from JICA. The bid requirement stipulates that Companies with poor financial condition (i.e. companies under CDR / NCL T /IBC) are not eligible to participate for the project. The same is as per the JICA procurement norms and the prequalification clause has been included in the bid document as per JICA's directive and the same has been concurred by JICA. CE (K) explained that, BWSSB has no knowledge of any sort of cartelization under these bidding.

CE (K) explained that, the referred cartelization in tenders of Orissa, as indicated in the letter, BWSSB is not in a position to comment on the same as these extraneous issues are not relevant to the current BWSSB project funded by JICA. Further what action JICA has taken in Orissa tender is also not known to BWSSB and JICA can take appropriate action in this regard. Hence all these matters were brought to the notice of JICA through the letter referred above.

Regarding Blacklisting of M/s NCC by M/s NTPC and other government agencies it is to be noted that the JICA assisted Bangalore Water Supply & Sewerage project III is being implemented under the JICA Procurement Guidelines. As per the Procurement Guidelines, JICA does not consider termination of a contractor or blacklisting of a contracting company by any agency or agencies other than that by JICA and/or Multilateral Development Banks (MDB's); such as ADB, World Bank, etc. A specific clause from the Instructions to Bidders, Clause 3: Corrupt and Fraudulent Practices, where JICA's stand is clearly indicated.



CE (K) explained that, as per JICA's procurement norms and as per the Standard Bidding Documents, that debarment of M/s NCC Ltd by any other agencies cannot be considered for the JICA funded on-going Bangalore Water Supply and Sewerage Project III.

JICA in their letter dated 22nd Aug'2019 had given reference to the Letters addressed to Hon'ble PM, GOI. JICA has requested BWSSB to pay extreme attention for bids to be evaluated in fair manner.

Further in letter received from JICA's on 21st August 2019 on CP-08 where JICA had communicated their comments on the Technical Bid Evaluation of CP 08 Contract Package wherein it has requested to BWSSB to relook into the disqualification of the bidder M/s SPML.

After receipt of JICA's letter dated 21.08.2019, the subject of re-look into M/s. SPML's experience was brought to TSC(T) again on 6th Sep'2019. As per the TSC(T) recommendation additional details were sought from the bidder M/s SPML. The submitted details were reviewed by PMC and the subject was placed before Technical Committee on 20th Sep'2019. Technical Committee opined that since the particular matter is purely related to Structural Engineering and the same shall be referred to a Structural Expert to get an Expert opinion. Based on the opinion of Technical Committee, CE(K) office approached Dr K S Nanjunda Rao, Chief Research Scientist, Department of Civil Engineering, Indian Institute of Science (IISC) and referred the subject to IISC to get their expert opinion vide Letter Ref. NO BWSSB/CEK/ACEK-1/TA-11/AE/1410/2019-20 dated 24th Sep'2019. Dr K S Nanjunda Rao, Chief Research Scientist, IISC has provided his expert opinion on the subject matter vide his letter Ref. CiE/KSC/2019 – 703 dated 21st Oct'2019.

Based upon the expert opinion from Structural Expert from IISC the subject was placed before TSC(T) of 22nd Oct'2019 to solicit their opinion on the bidder SPML responsiveness to the Specific Construction Experience, EQC 2.4.2 (b), the bidder should have experience... in Construction of RCC Bridge for Roads I carrying Pipes: (b) Two contract of minimum 40m length over River I streams for carrying at least 1500mm internal diameter pipeline I minimum of 40m length of Road Bridge.



Based upon the recommendation of IISC, TSC(T) in their meeting dated 22nd Oct'2019 provided their concurrence on considering M/s SPML as a Technically responsive bidder for Contract Package CP-08. Based upon the recommendation of TSC (T) the revised TBER for CP-08 Contract was prepared by ONTB Consultants and submitted to BWSSB.

The issues of the anonymous letters and replies regarding CP-07 and CP-08 was placed in the TSC (T) meeting dated: 22nd Oct'2019 the matter was discussed and TSC (T) committee opined that replies are true and decided to go ahead with tendering procedure.

The revised TBER for CP-08 was approved by TSC (T) on the meeting dated 25th Oct'2019. Based upon the approval of revised TBER for CP-08 and all the above meeting proceedings were forwarded to JICA for their necessary concurrence in both CP-07 and CP-08.

As per the Revised TBER the Technically Qualified Bidders in CP-08 are:

- 1) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 2) M/s Larsen and Toubro Limited
- 3) M/s SPML Infrastructure Limited

After review on BWSSB replies w.r.t cartelization allegations and also on Evaluation report submitted by BWSSB on both the packages, JICA provided their concurrence on the TBER of CP-08 and CP-07 on 14th Nov'2019 and 18th Nov'2019. Subsequently based upon JICA concurrence the Price Bids of both the Contract Packages were opened on 18th Nov'2019 and 20th Nov'2019 respectively, in presence of the technically qualified bidders, ONTB Consultants and BWSSB Officials.

CE (K) explained that, the comparison of Quoted Price by each of the Bidders with the Engineers Estimate considering corrections and unconditional discounts in both Contract Packages are as follows:



For CP-07 Package:

Bill No.	Description	Engineer's Estimate	M/s. Megha Engineering & Infrastructures Limited (MEIL)	M/s. Larsen & Toubro Limited (L&T)	% Variation of L1 (M/s.MEIL) with respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	77,82,12,676	83,29,96,950	86,94,64,043	7.04%
II	Concrete and Allied works	98,58,58,041	1,10,60,75,850	1,07,29,37,075	12.19%
III	Pipeline, Specials and Appurtenances	6,04,89,38,526	7,28,70,53,125	7,50,14,73,512	20.47%
IV	Pipe Bridge crossings across Bheema and Arkavathi	12,23,42,244	14,92,87,135	18,99,50,111.50	22.02%
V	One way Surge tank	2,73,10,320	3,27,49,685	3,55,33,943	19.92%
VI	NH crossings	10,81,65,049	13,38,30,900	12,06,96,037.50	23.73%
VII	Electrical works	9,14,119	20,78,828	9,28,010	127.41%
A	Sub Total of Bills I to VII	8,07,17,40,975	9,54,40,72,473	9,79,09,82,732	18.24%
B	Discount Offered	NA	NIL	NIL	
C	Schedule of Dayworks	96,99,462	1,15,28,677.50	1,44,95,400	18.86%
D	Total (Item A - B + C) - Evaluated Bid Price (Excluding Provisional sum, Physical contingencies)	8,08,14,40,437	9,55,56,01,151	9,80,54,78,132	18.24%
	% Variation of Bidder quoted price with Respect to Engineer's Estimate		18.24%	21.33%	
E	Provisional sum, Physical contingencies	56,50,21,868	56,50,21,868	56,50,21,868	
	Total Bid Amount (Item D + E)	8,64,64,62,305	10,12,06,23,018.50	10,37,05,00,000	
Rank			L1	L2	



For CP-08 Package:

Bill No.	Description	Engineer's Estimate	M/s. SPML Infra Limited	M/s. Gayatri-NCC (J V)	M/s. Larsen & Toubro Limited (L&T)	% Variation of L1 (M/s.SPML Infra Limited) with Respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	510,101,509	522,345,215	744,684,445	529,787,905	2.40%
II	Concrete and Allied works	633,732,951	765,872,128	884,762,192	673,277,939	20.85%
III	Pipeline, Specials and Appurtenances	3,694,112,201	4,033,865,807	3,984,060,403	4,464,422,278	9.20%
IV	Pipe Bridge across Suvarnamukhi river	80,797,779	90,937,928	86,737,264	92,062,904	12.55%
V	NH Crossings	36,055,016	47,170,335	55,447,228	39,417,613	30.83%
A	Sub Total of Bills I to V	4,954,799,456	5,460,191,413	5,755,691,532	5,798,968,638	10.20%
B	Discount Offered	NA	NIL	NIL	NIL	
C	Schedule of Dayworks	9,699,462	9,495,000	15,344,945	14,495,400	-2.11%
D	Total Evaluated Bid Price (Excluding Provisional sum, Physical contingencies) (Item A - B + C)	4,964,498,918	5,469,686,413	5,771,036,477	5,813,464,038	10.18%
	% Variation of Bidder quoted price with Respect to Engineer's Estimate		10.18%	16.25%	17.10%	
E	Provisional sum, Physical contingencies	346,835,962	346,835,962	346,835,962	346,835,962	
	Total Bid Amount (Item D + E)	5,311,334,880	5,816,522,375	6,117,872,439	6,160,300,000	
	Rank		L1	L2	L3	

TSC (F) meeting held on 22.11.2019 on Financial Evaluation of CP-07 and CP-08 packages committee cleared the subject based on the evaluation procedure adopted and also on JICA concurrence in each of the stages as prescribed in JICA guidelines.

After detailed discussion, it is opined that as CP-07 and CP-08 packages are followed the same Tendering, evaluation procedure which are concurred by JICA. Regarding the cartelization it is opined that subject matter of bidder's cartelization in Orissa Tenders and their repercussion is extraneous to BWSSB in present tendering procedure. The BWSSB is not in a position to comment upon the cartelization.



Board opined that allegation of M/s L & T getting L-1 in Orissa tender Keonjhar District RWSS is already brought to the notice of JICA and the view of JICA is not known on this subject. Hence while sending proposal to JICA it can be suitably mentioned.

Further, as in CP-08package the tender premium is reasonable and the lowest bidder is not among the bidders mentioned in cartelization letter and board accepted the same. In case of CP-07 package, lowest quoted price is more than reasonable price, Board opined for conducting negotiation with L1 Bidder after obtaining the concurrence from JICA.

Based on the above discussion's Board accorded approval for the following:

For CP-07 Package: For conducting negotiation with M/s. MEIL on quoted rates of item nos 3 (Pipeline, Specials and Appurtenances), item no 4(Pipe Bridge crossings across Bheema and Arkavathi) and item no 7 (Electrical works) where in quoted rates are higher for the Work of Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli amounting to Rs 955,56,01,151/- (excluding provisional sum and contingency of Rs 56,50,21,868/-) which is 18.24% above the Engineer's Estimate and forward the same to JICA for concurrence on negotiation.

For CP-08 Package: For award of contract to M/s SPML Infrastructure Limited for the Work of Supplying, Fabrication and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli amounting to Rs.546,96,86,413/- (excluding provisional sum and contingency of Rs 34,68,35,962/-) which is 10.18% above the Engineer's Estimate and forward the same to JICA for their concurrence on award. The Cost is inclusive of all taxes and duties.



(14) The Board in its meeting held on 27-01-2020 vide Circulated subject No.-VI

VI. Work of Construction of 32.5MLD Wet Well and Raising Main at Bellandur Amanikere, Bangalore.

The above subject moved under circulation among the Board Members.

CE(WWM) explained the subject in detail. It was informed that in Bellandur Amanikere area, 90 MLD capacity STP was constructed under Kaveri Zone to which 60 MLD sewage is being pumped from Agaram pumping station. Under KMRP sewer pipeline was laid up to a point in Bellandur Amanikere area STP (near Thubarahalli side). It was observed that, there is a static difference of 17 Mtrs from this disposal point to STP inlet. This pipeline carries about 30 MLD of sewage from the catchment area of Siddapura, Ramagondanahalli, AECS Layout, Kundalahalli, P R Layout, Munekolalu and Thubarahalli. To connect the disposal of sewage from Thubarahalli side to 90 MLD Bellandur Amanikere STP, it is essential to construct an ISPS at Thubarahalli side to avoid the entry of sewage into Varthur lake.

CE(WWM) explained that the estimate for the Work of Construction of Intermediate Sewage Pumping Station at Bellandur STP was prepared by CE(P) Zone at a total cost of Rs.9,69,50,000/- comprising of Civil and Electro-Mechanical works. The proposal was cleared by Technical Committee in its meeting held on 17-10-2017 and also Administrative Approval was obtained from Board in its meeting held on 30-11-2017.

Tenders for the above said work were invited by CE(P) office for 5 times. But there were no responses from any of the bidders. The poor/no responses to the various tender invitations are due to the reasons such as the proposed ISPS is in the middle of the nala, the wet well proposed is square/rectangular in shape with open excavation, the open excavation in the nala is difficult due to continuous flow in the nala, slushy soil and vehicular movement is also difficult and there is no proper approach road.

Later the file was handed over to CE (WWM) zone and the proposal was re-examined and it was learnt that the estimate for civil portion was prepared for Rs.4.62 crore where in the estimation for road works was not considered as per the site conditions, the quantities for gravity main was considered as 15 Rmt only and soil test was not conducted but to prepare the estimate for earthwork portion the existing report



of adjacent site of 90 MLD STP was considered and accordingly all the items were calculated. The Coffor Dam, Steel Girder, Boundary Wall, Drain Work and the Design, Drawing and Documentation were not considered in the civil portion of the work. The rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14. In the estimate, electro mechanical portion was prepared for Rs.4.97 crore wherein Design, Drawing and Documentation was not considered and the rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14 and quotations of 2016-17. This was also one of the reasons for poor response from bidders.

In order to have more responses from the competent and experienced bidders, two estimates have been prepared one for the Civil portion of work amounting to Rs.9.38 Crore and the other one for Electro-Mechanical portion of work amounting to Rs.6.99 Crore based on the SR of 2017-18 and present market rates. These estimates were prepared including the inlet chamber, wetwell with Coffor Dam for diversion of water flowing in the storm water drain, earthwork excavation has been considered after conducting a fresh soil investigation and its report, M30 grade concrete considered for RCC cutting edge wall chambers, culvert, electric room, saddle support, road and embankment works, Electro Magnetic Flow Meter. The Gravity main length has been increased since the nala has to be diverted with Coffor dam. The distance from the last manhole to the wetwell location has increased from 15mtrs to 80mtrs after assessing the same, plant drain and boundary wall rates have been considered along with contingencies, insurance, consultancy and supervision charges in the modified estimates. These estimates are based on the BWSSB SR 2017-18, PWD SR 2016-17, KUWSDB SR 2015-16, TWADB SR 2018-19 and the quotations based on the present market rates (2018-19). These two estimates were placed before the Estimate Scrutiny Committee on 05-03-2019 and the committee cleared the same. The estimates were then placed before the Technical Committee in the meeting held on 29-07-2019 and committee cleared the subject and opined to go for separate tenders for civil works and electromechanical works as it will be easier for the early completion of the project.

Further, CE(WWM) explained that the for the Civil portion of the work the tenders were floated for 4 times, since Single bidder participated in the first call and no bids were received for next two calls. In response to the fourth call M/s.Krushi



Infras India Pvt Ltd, Hyderabad have submitted their offers. The Tender Scrutiny Committee (Technical) in the meeting held on 07.11.2019. After detailed discussion the Committee has suggested to invite the tender for 5th time since the bidder doesn't qualify the PQ criteria fixed. Further TSC (T) in the meeting held on 11.11.2019 has accorded approval to invite the tender for the 5th time by relaxing the PQ criteria.

Accordingly tender was invited through e procurement portal for the 5th time, where no bids were received. Hence it was recalled for the 6th time with the last date of bid as 02/12/2019. M/s.Krushu Infras India Pvt Ltd, Hyderabad has submitted their offer in the sixth call. The subject was placed before the Tender Scrutiny Committee (Technical) after evaluation for its concurrence and clearance of the responsive offer of M/s.Krushu Infras India Pvt Ltd, Hyderabad. The TSC(Technical) in its meeting Dt:04.12.2019 after reviewing the subject for further action.

The Financial bid of M/s.Krushu Infras India Pvt Ltd was opened on 06.12.2019 through e-Procurement Portal. The firm M/s.Krushu Infras India Pvt Ltd has offered to execute the subject work at a total cost of Rs.10,93,92,482/- which is 45.16% above the amount put to tender of Rs.7,53,54,973/-.

The subject was placed before the Tender Scrutiny Committee (Finance) in the meeting held on 07-12-2019. The committee after review of the offers felt that the lowest offer of the firm The Committee after review felt that the offer of the firm M/s.Krushu Infras India Pvt Ltd at a total cost of Rs. 10,93,92,482/-including all taxes is on the higher side and it was recommended to accept this offer at Rs.8,89,18,868/- including all taxes which works out to a tender premium of 18% and the firm has accepted to work at Rs.8,89,18,868/-.

This work is required to be completed early, since the Hon'ble NGT is strictly monitoring all the connected works to avoid pollution of Bellandur and Varthur Lakes and directed the Board to carryout all the connected works on war foot basis and the above works need to be taken up immediately and compliance to be submitted to Hon'ble NGT with the updated status on the Committee report headed by Hon'ble Justice Sri N. Santosh Hegde.

Accordingly the Board accorded approval to the single negotiated offer of the firm M/s Krushu Infras India Pvt Ltd., Hyderabad amounting to Rs. 8,89,18,868/- which works out to 18% above the amount put to tender of



Rs. 7,53,54,973/- for the work of Construction of 32.5MLD Wet Well and Raising Main at Bellandur Amanikere, Bangalore.

(15)The Board in its meeting held on 27-01-2020 vide subject No.-11

11. A collaborative arrangement between Environmental Management and Policy Research Institute (EMPRI) and BWSSB for sharing Research Education and Training on Water Plan for Bengaluru, Karnataka.

Chief Engineer(Design) explained the subject in detail. After detail discussion the Board accorded approval to the proposal of EMPRI for establishing a Water Division for a period of 10 years for conducting projects to enhance compliance with drinking water standards at the user end by assessing water quality in the distribution system of pumping stations in BBMP wards of Bangalore, to monitor periodical assesment of the water quality pertaining to all the lakes under the BBMP jurisdiction in co-ordination with BWSSB and Lake Development Authority of BBMP area as per the guidelines and also extend technical support in assessing the risks and contamination entry points and suggesting ameliorative measures, water use efficiency and sustainable supply of potable water in Bangalore with applicable conditions as detailed below:

- Total available space to be used for above said purpose is 2200sqft in ground floor and 4300sqft at first floor of BWSSB Office building near to Suvarna Bhavan where Stores division and Borewell division was existing near Stores yard at Malleshwaram, Bangalore.
- The ownership of the building is with BWSSB only.
- At any point of time, permission or usage of building may be withdrawn without prior intimation to EMPRI.
- Any Construction or other activities should not be taken up from EMPRI.
- The bills of Telephone, Internet, Electricity and Water shall be borne by EMPRI for the area occupied.



(16)The Board in its meeting held on 27-01-2020 vide subject No.-30

30. **Work of Operation & Maintenance of 6 Nos. of Truck Mounted High Pressure Jetting-Cum-Suction Machines and 12 Nos. of Dump Tankers pertaining to V.Valley, K & C Valley & Hebbal Valley for a period of 3 years.**

CE(WWM) explained the subject in detail. For the above work tender was invited through e-Procurement Portal. In response to IFT, two firms were submitted their offer within stipulated date and time namely; M/s. TPS Infrastructure Limited and M/s Aryan Pumps and Enviro Solutions Pvt Ltd. The technical offers of the firms was opened on 02.12.2019 and downloaded through e-Procurement Portal. On reviewing the offers as detailed in Check List-II, the offers of the firms were recommended to be Technically Non-Responsive as both the firms do not meet all the requirements as per tender And to Re-invite short term tenders by giving period of submission of tenders as 15 days. In response to IFT, three firms submitted their offers within stipulated date and time namely; M/s. TPS Infrastructure Limited , M/s Aryan Pumps and Enviro Solutions Pvt Ltd and M/s.Ensol Multiclean Equipments Pvt., Ltd. In response to IFT, technical bid of only one firm was found responsive M/s Aryan Pumps and Enviro Solutions Pvt Ltd. The Firm M/s Aryan Pumps and Enviro Solutions Pvt Ltd quoted **Rs.14,64,34,469/- which is 24.83% above** the amount put to tender of **Rs.11,72,99,432/-**.

The above subject was placed before TSC(F) meeting and Committee opined to reduce the offer of the firm to Rs.13,46,94,938/- which works out to 14.83% above the amount put to tender of Rs.11,72,99,432/- as against their original quoted offer of Rs.14,64,34,469/- which is 24.83% above the amount put to tender.

After detailed discussion Board has accorded approval to the firm of M/s Aryan Pumps and Enviro Solutions Pvt Ltd amounting to **Rs.12,87,94,776/-** which works out to **9.8% above** the amount put to tender of **Rs.11,72,99,432/-** for above work.



(17)The Board in its meeting held on 27-01-2020 vide subject No.-35

35. ಮುಖ್ಯಮಂತ್ರಿಗಳ ಪರಿಷಾರ ನಿಧಿಗೆ ಪ್ರಸಕ್ತ ಸಾಲಿನಲ್ಲಿ
ಷೆಡ್ಯೂಲರಿಯಾಗಿ ರೂ.೧.೦೦ ಕೋಟಿ ಮೊತ್ತ ದೇಣಿಗೆಯಾಗಿ
ನೀಡುವ ಸರಿಯಿದೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ
ನಂತರ ಮುಖ್ಯಮಂತ್ರಿಗಳ ಪರಿಷಾರ ನಿಧಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ ಪ್ರಸಕ್ತ ಸಾಲಿನಲ್ಲಿ
ಹೆಚ್ಚುವರಿಯಾಗಿ ರೂ.1.00 ಕೋಟಿ (ರೂಪಾಯಿ ಒಂದು ಕೋಟಿ ಮಾತ್ರ) ದೇಣಿಗೆಯಾಗಿ ನೀಡಲು
ಮಂಡಳಿ ನಿರ್ಣಯಿಸಿತು.

(18)The Board in its meeting held on 27-01-2020 vide subject No.-36

36. **Revision of Water Tariff.**

The Engineer-in-Chief (EIC) explained the subject in detail. EIC informed that the Board has to meet several costs such as Establishment Expenses, Power Charges, O and M cost, General Administration expenses, Depreciation, Interest Payments, Capital repayment, Provisions, etc, which are essential for effective operation of the complete water supply and sanitary system services. EIC also informed that over the years, the expenditure of the Board has increased tremendously and income earned is not matching to the total expenses resulting in deficit all the time. After the previous revision of water tariff in the year 2014, the water tariff has not been revised in spite of increase in power charges, establishment charges and operation and maintenance (O & M) charges, etc., to meet the deficit due to increased expenditure. While the sustainability of the Board and service is of primary importance, the Water Tariff revision is proposed.

EIC informed that the tariff revision is proposed based on recovery of essential expenditure as Case-1, recovery of Essential and Obligatory expenditures as Case-2 and Full cost recovery as Case-3.

- Case 1 - Recovery of Essential expenditure (includes Power charges, establishment, establishment, repairs, system operational and maintenance expenses, minor improvement works, etc including institutional borrowings).



- Case 2 - Recovery of Essential and Obligatory expenditures (depreciation and interest payments)
- Case 3 - Full cost Recovery (Essential, Obligatory and Capital Amortization).

EIC also informed that the existing tariff for Domestic High rise buildings, Flats, group housing, multi-storied buildings is Rs. 22/KL flat for all consumptions. As the consumers under this category are also domestic consumers; hence it is proposed to bring this category of consumers under the Domestic Consumption block. The EIC further informed that it is proposed that the meter service charges shall be uniform for all categories of consumption, but varying as per the bore size.

The Board after detailed discussion opined that the sustainability of the Board and service is of primary importance and accorded approval to recommend the tariff revision to the Govt. based on recovery of essential and obligatory expenses (Case-2) as detailed below:

Tariff for Domestic Connections		
Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate, Rs/kL
0-8,000	7	10
8001-25000	11	25
25001-50000	26	45
above 50001	45	65
Tariff for Non Domestic Connections		
0-10000	50	85
10001-25,000	57	100
25001-50,000	65	120
50,001-75,000	76	130
Above 75,001	87	130
Bulk Water Rates		
Tariff for Industrial Connections , Swimming pools, BIAL, Bidadi Industrial Area (KIADB) Flat rate		
For all consumptions	90	125



Domestic High rise buildings, Flats, Group housing, multi-storied buildings (Existing tariff is having flat rate of Rs.22/-)		
Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate Rs/KL
0-25000	22	25
25001-50000		45
50001-100,000		65
above 100,001		65

The consumption by is divided the number of flats in the building and charge the rates applicable accordingly under the consumption block which they fall into. For this category the first slab is from 0-25000 L/month. The first slab of 0-8000L/month is considered for the consumers under the category of urban poor. If any of the building is declared/notified as EWS dwelling then if the consumption falls under the first slab i.e 0-8000 Litres the rates of the same slab shall be applicable i.e Rs. 10/KL. But once the consumption exceeds 8000 KL they will be charged as regular tariff as shown above.

Miscellaneous Bulk Consumers:

Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate Rs/kL
Kanakapura Bulk Supply	7	10
Vedavijnana Maha Vidya Peeta, Jain International Residential School	60	85

Meter Service Charges				
Bore size	Existing Rates			Proposed charges
	Domestic	Partial Non-Domestic	Non-Domestic	
15 mm				
All plot sizes	30	75	100	30
2000 sft & flats	100	150	200	30
20 mm				
All plot sizes	100	150	200	100
More than 2000 & Flats	150	200	300	100
25 mm	300	500	750	300
32 mm	500	750	1000	500
40 mm	750	1000	1000	750
50 mm	1000	1000	1000	1000



75 mm	1250	1250	1250	1250
100 mm	1500	1500	1500	1500
125 mm	1750	1750	1750	1750
150 mm	2000	3000	3000	2000
200 mm	3000	4000	5000	3000
250 mm	3500	5000	6000	3500
300 mm	4000	6000	7000	4000
400 mm	5000	7000	8000	5000

All other charges shall remain the same.

(19) The Board in its meeting held on 14-02-2020 vide subject No.-1

- Award of Contract for the Work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli: CP-07 for JICA assisted BWSSP Phase III (CWSS Vth stage).**

CE (K) explained the subject to the Board and details are as follows:

The CWSS Stage V project is taken up with the financial assistance from JICA. The Cost Estimate for the above package was prepared for 865.75crore. The tender was invited and after evaluation L1 bidder M/s Megha Engineering and Infrastructures Ltd (MEIL) has quoted Rs.955,56,01,151/- which is 18.24% above the estimated cost (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-).

As the rate quoted by the L1 bidder was high, JICA on 10th Jan'2020 concurred "no objection" to the Rejection of bids and to conduct price negotiation. Negotiation was conducted in the TSC(F) Committee on 16.1.2020 and the committee reviewed and recommended award of contract to M/s. MEIL at a negotiated offer of Rs.921,32,31,664/- (excluding provisional sum and contingency of Rs 56,50,21,868/-) which is 14% above the Engineer's estimated cost and to place the subject before Board for approval and upon approval forward the same to JICA for concurrence.

Accordingly the subject matter for award of contract was placed in the Board meeting held on 27.01.2020. After detailed discussion, Board opined that the negotiated cost is not reasonable as compared to the premium of awarded package of CP-08. Accordingly, Board directed to conduct re-negotiation with the L1 bidder M/s.



Megha Engineering and Infrastructures Ltd for CP-07 package to match the premium of awarded package of CP-08 and place the same before Board for further decision.

As per the Board direction's, the subject was placed before the TSC (F) committee on 10.2.2020 to conduct re-negotiation with the L1 Bidder M/s. MEIL for CP-07 Package to obtain reasonable cost as compared to premium of awarded package of CP-08.

The following re-negotiated bid price offered by the L1 Bidder M/s. MEIL.

Bill No	Specification	Negotiated Rates in Rs	Re-Negotiated Rates in Rs
III	Pipe Line, Specials and Appurtenances	Rs. 700,16,64,925/-	Rs. 684,03,23,425/-

CE(K) explained further the committee reviewed, recommended for award of contract of CP-07 package at a re-negotiated offer of L1 bidder of M/s.Megha Engineering and Infrastructures Ltd amounting to Rs.905,18,90,164.5/- which is 12.008% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-) as the cost offered by the bidder is found reasonable and to place the subject again before the Board for approval and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

After detailed discussions, Board decided that the package may be awarded at Rs.900,67,65,367/- which is 11.45% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-) as it is found reasonable for the reasons given by the TSC(Finance). The willingness of L-1 bidder shall be taken for this rate and cost of the award, subsequently the concurrence of JICA shall be obtained before the award of Contract of CP-07: Work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli.



(20)The Board in its meeting held on 14-02-2020 vide subject No.-2

2. Award of Contract for the Work of City Trunk Main along Western Route CP-10 for JICA assisted BWSSP Phase III (CWSS Vth stage).

CE (K) explained the subject to the Board and details are as follows:

The CWSS Stage V project is taken up with the financial assistance from JICA. The Cost Estimate for the above package was prepared for Rs.511.05 Crores. The tender was invited and after evaluation L1 bidder M/s Megha Engineering and Infrastructures Ltd (MEIL) has quoted Rs.560,07,64,738.5/- which is 17.5% above the estimated cost (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-).

As the rate quoted by the L1 bidder was high, JICA on 10th Jan' 2020 concurred "no objection" to the Rejection of bids and to conduct price negotiation. Negotiation was conducted in the TSC(F) Committee on 16.1.2020 and the committee reviewed and recommended award of contract to M/s. MEIL at a negotiated offer of Rs.536,29,60,198.5/- (excluding provisional sum and contingency of Rs.33,29,75,765/-) which is 12.51% above the Engineer's estimated cost and to place the subject before Board for approval and upon approval forward the same to JICA for concurrence.

Accordingly the subject matter for award of contract was placed in the Board meeting held on 27.01.2020. After detailed discussion, Board opined that the negotiated cost is not reasonable as compared to the premium of awarded package of CP-09. Accordingly, Board directed to conduct re-negotiation with the L1 bidder M/s. Megha Engineering and Infrastructures Ltd for CP-10 package to match the premium of awarded package of CP-09 and place the same before Board for further decision.

As per the Board direction's the subject was placed before the TSC(F) committee on 10.02.2020 to conduct re-negotiation with the L1 Bidder M/s. Megha



Engineering and Infrastructures Ltd for CP-10 Package to obtain reasonable cost as compared to premium of awarded package of CP-09.

The following re-negotiated bid price offered by the L1 Bidder M/s. MEIL.

Bill No	Specification	Negotiated Rates in Rs	Re-Negotiated Rates in Rs
III	Pipeline, Specials and Appurtenances	Rs.364,26,80,675/-	Rs. 357,13,49,825/-

CE(K) explained further the committee reviewed, recommended for award of contract of CP-10 package at a re-negotiated offer of L1 Bidder M/s. Megha Engineering and Infrastructures Ltd amounting to Rs.529,16,29,348.5/- which is 11.017% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-) as the cost offered by the bidder is found reasonable. And to place the subjects again before the Board for approval and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

After detailed discussions, Board decided that the package may be awarded at Rs.521,93,11,027/- which is 9.5% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-) as it is found reasonable for the reasons given by the TSC(Finance). The willingness of L-1 bidder shall be taken for this rate and cost of the award, subsequently the concurrence of JICA shall be obtained before the award of Contract of CP-10: Work of City Trunk Main along Western Route.

(21)The Board in its meeting held on 14-02-2020 vide subject No.-17

17. Annual Financial Statement for 2020-21 and Revised Estimates for 2019-20.

FA&CAO explained the subject in detail.

The Annual Financial Statement (Budget) for the year 2020-21 is required to be submitted to the State Government, in the month of February 2020 as provided under Section 17 of the B.W.S.S Act, 1964, and the regulations made there under.



Before submission of the Budget to the State Government, the approval of the Board has to be obtained for the Budget Estimates for 2020-21 and the Revised Estimates for 2020-21.

The **Annual Financial Statement (Budget) for the year 2020-21** along with the **Revised Estimates for the year 2019-20** based on the actual and as estimated for the rest of the year is placed in the file, as required under section 17 of the BWSS Act 1964.

The Annual Financial Statement has been prepared under three sections :

1. Section-I Capital Receipts & Capital Expenditure - Statement – I, II
2. Section-II Revenue Receipts & Revenue Expenditure - Statement - III
3. Section-III Debt, Deposit & Suspense Statement – IV

2. REVISED ESTIMATES FOR THE YEAR 2019-20

CAPITAL RECEIPTS & CAPITAL EXPENDITURE

1. As against the estimated receipts of **Rs.321237.10 Lakhs** during the year 2019-20, the expected realization is **Rs.208146.00 Lakhs** The following table will indicate the original and Revised Estimates.

CAPITAL RECEIPTS(Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	<u>MAJOR SOURCES FOR CAPITAL WORKS OF BWSSB</u>		
1	Board Contribution - Prorata Charges	65674.43	77695.00
2	Funds out of Board Reserves created out of Accumulated Prorata Charges	35000.00	0.00
3	Beneficiary Capital Contribution (Maintained by Board)	23654.76	4496.00
4	Central Government Assistance	9378.61	9123.00
5	State Government Assistance	154473.71	105764.00
6	Mega City Works-Funded by KUIDFC	26620.60	11068.00
7	Karnataka State Pollution Control Board	6435.00	0.00
	TOTAL	321237.11	208146.00

**CAPITAL EXPENDITURE**

2. As against the estimated expenditure of **317809.38 Lakhs** during the year 2019-20, the expected expenditure is **Rs.196268.60 Lakhs** The following table indicates the original and Revised Estimates.

(Rs. In Lakhs)			
SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	EXPENDITURE FOR CAPITAL WORKS OF BWSSB		
1	CWSS Stage IV Phase I	10.00	0.00
2	CWSS Stage IV Phase II	8389.00	2441.39
3	CWSS Stage V	59700.00	19827.71
4	Greater Bangalore Water Supply Project	3081.76	1432.00
5	Karnataka Municipal Reforms Project	1657.00	1092.00
6	Water Supply to 110 Villages Project	51866.00	35088.76
7	UGD Facility to 110 Villages Project	37050.00	21452.24
8	JnNURM Transition Phase Project	2527.50	1700.00
9	AMRUT Projects	27646.04	38799.28
10	Mega City Revolving Fund Projects	38500.00	34588.81
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	6885.00	222.00
12	UGD Facility and treatment of Sewage at Hesaraghatta	8300.00	1098.97
13	Revival / Refurbishment of Hesaraghatta and T G Halli Reservoir	11270.00	5125.00
14	Rehabilitation of old Sewerage Treatment Plants	2800.00	0.00
15	Improvement Works of the Board	58127.08	33400.44
	TOTAL	317809.38	196268.60

Capital Accounts: (Rs. In Lakhs)

SL.NO	DETAILS	2019-20	SURPLUS / DEFICIT BUDGET
1	CAPITAL RECEIPTS	208146.00	(+)11877.40
2	CAPITAL EXPENDITURE	196268.60	

There is a capital surplus of **Rs.11877.40 Lakhs** for the year 2019-20. The Capital Surplus of Rs.11877.40 Lakhs is after utilizing Reserves created out of accumulated prorata charges collected.

**REVENUE RECEIPTS (Rs. in Lakhs)**

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
A	WATER SUPPLY RECEIPTS		
1	Water Supply And Sewerage	218035.90	138000.00
2	Miscellaneous Receipts From Consumers		
3	Other Receipts		
	TOTAL	218035.90	138000.00
B	SEWERAGE RECEIPTS		
1	Sewerage Disposal	253.10	300.00
	TOTAL	253.10	300.00
C	GENERAL RECEIPTS		
1	General Receipts	25200.69	10000.00
	TOTAL	25200.69	10000.00
D	GRANTS FROM GOVERNMENT		
1	Grants from Government	1837.00	1837.00
	TOTAL REVENUE RECEIPTS	245326.70	150137.00

As against the estimated receipts of **Rs.245326.70 Lakhs** during the year 2019-20, the expected realization is **Rs.150137.00 Lakhs**

The following table indicates the original and Revised Estimates of Revenue Expenditure

REVENUE EXPENDITURE: (Rs. In Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	REVENUE EXPENDITURE		
1	Establishment	28751.10	20000.00
2	Power charges	68015.40	72000.00
3	Maintenance Works	28703.10	28500.00
4	General Administration	35520.00	23798.00
5	Debt Servicing	62161.92	60000.00
	TOTAL	223151.52	204298.00
4	Pension Fund Contribution	10000.00	10000.00
4	GIS Fund	200.00	200.00
5	Depreciation Reserve	20000.00	15000.00
	TOTAL	30200.00	25200.00
	TOTAL REVENUE EXPENDITURE	253351.52	229498.00

**REVENUE ACCOUNT**

SL.NO	DETAILS	2019-20	SURPLUS / DEFICIT BUDGET
1	REVENUE RECEIPTS	150137.00	(-)79361
2	REVENUE EXPENDITURE	229498.00	

The Board is having a Revenue Deficit of Rs.79361.00 Lakhs for the year 2019-20.

Deposit Contribution Works from BMP , BDA & Others agencies

SL. NO	DETAILS	Receipts	Expenditure	Surplus /Deficit
1	Budget Estimate	42543.10	42138.35	404.75
2	Revised Estimate	48924.57	48459.10	465.46

(Rs. In Lakhs)

As against the estimated receipts of Rs.42543.10 Lakhs during the year 2019-20, the expected realisation is Rs.48924.57 Lakhs. As against the estimated expenditure of Rs.42138.35 Lakhs during the year 2019-20, the expected expenditure is Rs.48459.10 Lakhs leaving a surplus of Rs.465.46 Lakhs.

BUDGET ESTIMATES FOR 2020-21**CAPITAL RECEIPTS (Rs. In Lakhs)**

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
	<u>MAJOR SOURCES FOR CAPITAL WORKS OF BWSSB</u>	
1	Board Contribution - Prorata Charges	83200.40
2	Funds out of Board Reserves created out of Accumulated Prorata Charges	0.00
3	Beneficiary Capital Contribution (Maintained by Board)	11800.00
4	Central Government Assistance	17286.52
5	State Government Assistance	146156.00
6	Mega City Works-Funded by KUIDFC	30863.91
7	Karnataka State Pollution Control Board	0.00
8	Asian Infrastructure Investment Bank	0.00
	TOTAL	289306.83



Capital Receipts from all sources for capital projects is expected to the tune of Rs.289306.83 Lakhs of during the year 2020-21. The Board is expecting Rs.146156.00 Lakhs from State Government and Rs.17286.52 Lakhs from Central Government towards assistance for the capital intensive projects. The Board is also infusing Rs. 83200.40 Lakhs from the prorata collections and Rs.11800.00 Lakhs from Beneficiary Capital Contribution.

CAPITAL EXPENDITURE (Rs. In Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
1	CWSS Stage IV Phase I	0.00
2	CWSS Stage IV Phase II	4290.00
3	CWSS Stage V	80000.00
4	Greater Bangalore Water Supply Project	4035.04
5	Karnataka Municipal Reforms Project	665.00
6	Water Supply to 110 Villages Project	39118.00
7	UGD Facility to 110 Villages Project	27240.00
8	JnNURM Transition Phase Project	535.00
9	AMRUT Projects	11030.00
10	Mega City Revolving Fund Projects	29150.00
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	4785.00
12	UGD Facility and treatment of Sewage at Hesaraghatta	1860.00
13	Revival / Refurbishment of Hesaraghatta and T G Halli Reservoir	10000.00
14	Rehabilitation of old Sewerage Treatment Plants	5000.00
15	Improvement Works of the Board	60095.96
	TOTAL	277804.00

CAPITAL ACCOUNT (Rs. In Lakhs)

SL.NO	DETAILS	2020-21	SURPLUS / DEFICIT
1	CAPITAL RECEIPTS	289306.83	(+)11502.83
2	CAPITAL EXPENDITURE	277804.00	

There is a capital surplus of **Rs.11502.83 Lakhs** for the year 2020-21. The Capital surplus is after infusing the Board Reserves created out of accumulated prorata charges collected and the Beneficiary Capital Contribution of Rs. 64131.00Lakhs.



REVENUE ACCOUNTS :
REVENUE RECEIPTS (Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
A	WATER SUPPLY RECEIPTS	
1	Water Supply And Sewerage	138000.00
2	Miscellaneous Receipts From Consumers	
3	Other Receipts	
	TOTAL	138000.00
B	SEWERAGE RECEIPTS	
1	Sewerage Disposal	300.00
	TOTAL	300.00
C	GENERAL RECEIPTS	
1	General Receipts	25000.00
	TOTAL	25000.00
D	GRANTS FROM GOVERNMENT	
1	Grants from Government	1837.00
	TOTAL REVENUE RECEIPTS	165137.00

REVENUE EXPENDITURE (Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
1	Establishment	22000.00
2	Power charges	75000.00
3	Maintenance Works	31850.00
4	General Administration	26180.00
5	Debt Servicing	75000.00
	TOTAL	230030.00
4	Pension Fund Contribution	25000.00
4	GIS Fund	200.00
5	Depreciation Reserve	20000.00
	TOTAL	45200.00
	TOTAL REVENUE EXPENDITURE	275230.00

**REVENUE ACCOUNT (Rs. In Lakhs)**

SL.NO	DETAILS	2020-21	SURPLUS / DEFICIT BUDGET
1	REVENUE RECEIPTS	165137.00	(-)110093.00
2	REVENUE EXPENDITURE	275230.00	

The Board is having a Revenue Deficit of **Rs.110093.00 Lakhs** for the year 2020-21, this is due to the enhancement of debt liability towards Government Loan, KUIDFC Loan in addition to increase in the Power Charges and works expenditure.

C) **Deposit Contribution Works from BDA , BBMP, KIADB, KPCL, BMRCL, HPCL, Government Hospitals, Defence and other private agencies:**

(Rs. In Lakhs)

SL.NO	DETAILS	Receipts	Expenditure	Surplus /Deficit
1	Budget Estimate	56263.25	55727.97	535.28

The work is being carried out on behalf of BDA , BBMP, KIADB, KPCL, BMRCL, HPCL, Government Hospitals, Defence and other private agencies, hence there is no financial burden on board funds.

The Overall position of the Board for the FY 2019-20 (Revised Estimates) and FY 2020-21 (Budget Estimates) is as follows:

SL.NO	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE	BUDGET ESTIMATE
		2019-20	2019-20	2020-21
I	<u>CAPITAL ACCOUNT:</u>			
A	RECEIPTS	321237.11	208146.00	289306.83
B	PAYMENTS	317809.38	196268.60	277804.00
	SURPLUS(+)/DEFICIT(-)	3427.73	11877.40	11502.83
II	<u>REVENUE ACCOUNT:</u>			
A	RECEIPTS	245326.70	150137.00	165137.00
B	EXPENDITURE	253351.52	229498.00	275230.00
	SURPLUS(+)/DEFECIT(-)	-8024.82	-79361.00	-110093.00



III	DEBT DEPOSIT SUSPENSE ACCOUNT:			
A	RECEIPTS	42543.10	48924.57	56263.25
B	EXPENDITURE	42138.35	48459.10	55727.97
	SURPLUS(+)/DEFICIT(-)	404.75	465.47	535.28
	OVERALL NETT	-4192.35	-67018.13	-98054.89

After detail discussion the Annual Financial Statement(Budget) for 2020-21 and Revised Estimates for 2019-20 was accepted by the Board and approved to submit the printed Annual Financial Statement(Budget) for 2020-21 and Revised Estimates for 2019-20 to the State Government for placing before both the Houses of State Legislature.

(22)The Board in its meeting held on 19-03-2020 vide subject No.-1

1. 1. **Tender for the work of JICA Assisted BWSSP Phase III, CP-04 Package Design/ Engineering, Construction Commissioning of Pump Stations and Reservoirs at Harohalli and Tataguni with Operations and Maintenance of Seven (7) Years- Reg: Clearance for Award of Contract.**
2. **Tender for the work of JICA Assisted BWSSP Phase III, CP-03 Package Design/ Engineering, Construction Commissioning of Pump Station and Reservoir at T.K.Halli with Operations and Maintenance of Seven (7) Years- Reg: Clearance to Conduct Price Negotiation.**

CE (K) explained the subject to the Board and details are as follows:

The above works were taken up under the Bangalore Water Supply and Sewerage Project (Phase-3) under the ODA Loan from Japan International Co-operation Agency (JICA) in the amount of 45,000 Million Yen towards the cost BWSSB Project Phase-3 vide loan agreement No.IDP – 266 at 24th January 2018 and intends to apply a portion of the proceeds of these loans to payments under the contract BWSSP (III)/JICA/CP-03 and BWSSP (III)/JICA/CP-04 i.e., as per guidelines for procurement under JICA loans.

The Revised Cost Estimate for CP-04 and CP-03 based on latest SOR was placed before the Estimate Scrutiny Committee meeting held on 24.02.2020 and the committee cleared the estimates for an amount of Rs. 392.87 Crores and Rs.282.94 Crores respectively for CP-04 and CP-03 packages under the head of BWSSP Phase III.



The tender was invited for CP-04 package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/747/2019-20 dtd:05.07.2019 and CP-03 package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/746/2019-20 dtd:05.07.2019, with last date to submit bid on 04.12.2020 for both packages and IFT was published in Times of India, Indian Express and Vijayavani on 05-07-2019.

Accordingly the technical bid was opened on the same day 04.12.2019 at 3:30PM.

The following bidders participated in the bidding process:

For CP-04 Package:

1. M/s. Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd (JV).
2. M/s. Megha Engineering & Infrastructures Ltd.

For CP-03 Package:

1. M/s. SUEZ India Pvt Ltd and M/s.SUEZ International (JV).
2. M/s. Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd (JV).
3. M/s. Megha Engineering & Infrastructures Ltd.

The documents submitted by the bidders are evaluated by M/s.ONTB consultants, and the evaluation of the technical bids are as follows:

For CP-04 Package:

1. M/s. Megha Engineering & Infrastructures Ltd. as responsive bidder.
2. M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder under criteria 2.4.2 (b) of specific construction experience, RCC Ground Level Reservoir.



For CP-03 Package:

1. M/s. SUEZ India Pvt Ltd and M/s.SUEZ International (JV). as responsive bidder.
2. M/s. Megha Engineering & Infrastructures Ltd. as responsive bidder.
3. M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt. Ltd. (JV) as disqualified Bidder under criteria 2.4.2 (b) of specific Construction experience, RCC Ground Level Reservoir.

The Technical evaluation which was reviewed by the consultants M/s. ONTB was placed before the TSC (T) meeting held on 17.01.2020 and the committee cleared the subjects as follows:

For CP-04 Package: The bidder M/s. Megha Engineering & Infrastructures Ltd. is considered as responsive bidders and the M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder.

For CP-03 Package: The bidders M/s. SUEZ India Pvt Ltd – M/s. SUEZ International (JV) and M/s. Megha Engineering & Infrastructures Ltd. are considered as responsive bidders and the M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder.

CE(K) Explained that, Meanwhile, M/s Laxmi Civil Engineering service Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) had submitted the representation letter dt:22.01.2020 to this office and also to JICA, requesting to consider their Technical Bid and stated that “ the Tender Scrutiny committee may be considering qualification criteria which are not even prescribed in Tender” and requested not to open the Financial Bid until sufficient opportunity is provided to provide necessary clarifications. Further, JICA vide e-mail dated 31.01.2020 requested to submit the comments. In response BWSSB has provided clarifications to JICA vide letter dt: 10.02.2020 and requested concurrence for the submitted TBER of CP-04and CP-03.

Further RTI letter was received on 14.02.2020 from Mr. Sharath Chandra, Advocate, seeking information about the package CP-04 and CP-03. As per the clause ITB clause No.28.1 which states that “ Information relating to the evaluation of bids



and recommendation of contract award, shall not be disclosed to bidder or any other person not officially concerned with such process until information on contract award is communicated to all bidders in accordance with ITB 42". The same was communicated to RTI applicant.

Subsequently, JICA vide their letter No JICA (ID) 2019-1050 dtd 20-02-2020, communicated 'No objection' to the analysis of Technical Proposals qualifying the M/s MEIL bidder for procurement of CP-04 package and JICA vide JICA (ID) 2019-1049 dtd 20-02-2020, communicated 'No objection' to the analysis of Technical Proposals qualifying both M/s. SIPL and M/s MEIL bidder for procurement of CP-03 package

Accordingly the Price Bid of the responsive Bidders was opened on 28-02-2020 in the presence of the Bidders, Consultants and BWSSB officials.

For CP-04 Package:

The Read out Bid price is as follows.

Name of Bidders	INR	JPY
M/s. Megha Engineering & Infrastructures Ltd.	393,22,46,852/-	1,219,252,238/-

The comparison of Quoted Price by the Bidder with the Engineers Estimate considering corrections and unconditional Discounts is as below:

Schedules	Description	Price quoted by M/s. MEIL in Rs.	Engineer's Estimate In Rs.
Schedule-1	Design, Drawing and Documentation	8,886,065	83,175,289
Schedule-2	Civil Works, Installation and Other Services	1,007,930,000	1,168,588,727
Schedule-3A	Plant and Equipment Supplied from Outside the Employer's Country	901,592,659	--
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	2,418,760,338	2,158,422,844
Schedule-4	Requirements of Office of the Engineer	4,718,156	4,000,000
M	Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4)	4,341,887,218	3,41,41,86,860
Schedule-5	Operation & Maintenance	347,841,037	255,496,303
SUB-TOTAL (M + 5)		4,689,728,255	3,669,683,163
	Provisional Sum	20,000,000	20,000,000
Total Amount		4,709,728,255	3,689,683,163
Schedule-7A	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Outside the Employer's country	14,276,302	--



Schedules	Description	Price quoted by M/s. MEIL in Rs.	Engineer's Estimate In Rs.
Schedule-7B	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Within the Employer's country	756,250	--
	Grand Total	4,724,760,807	3,689,683,163

In the final Evaluated Costs that is based on Capital Costs, O&M costs and NPV of Electrical energy consumption as per ITB Clause 38.2(f) was determined. The Specific ITB 38.2 (f) is reproduced for reference below:

a) Operating and Maintenance Costs

Since the operating and maintenance costs of the facilities being procured form a major part of the life cycle cost of the facilities, these costs will be evaluated according to the principles given hereafter, including the cost of spare parts for the duration of operation and Maintenance stated below and based on prices furnished by each Bidder in Price Schedules, as well as on past experience of the Employer or other employers similarly placed. Such costs shall be added to the Bid Price for evaluation.

The operating and maintenance costs factors for calculation of the life cycle cost are:

- Number of years for life cycle:
Seven years of operation and maintenance including one year of Defect liability Period.
- Annual operating and maintenance costs [as per the priced Price Schedules of the Bidder, including cost of spare parts for the 7 years period of Operation and Maintenance].
- A rate of 9% (Nine Percent), to be used to discount to present value all annual future costs calculated under (ii) above for the period specified in

Based on the above ITB 38.2, the Evaluated Bid price is calculated as below:

Sl. No.	Description	Price quoted by M/s. MEIL in Rs	Engineers Estimate in Rs.	% variation with respect to Engineer's Estimate
1	Capital Cost (A)	4,341,887,218	3,414,186,860	27.17%
2	Operation and Maintenance Cost including Day works for O&M Manpower (B)	347,841,037	255,496,303	36.14%
3	Net Present Value of Electrical Energy (C)	7,720,655,230	7,777,262,966	-0.73%
	Evaluated bid cost Total (A+B+C)	12,410,383,485	11,446,946,129	8.42%



Note: Approved Engineer's Estimate includes Provisional Sum of INR 20,000,000 and Physical Contingency of INR 238,993,081 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price.

When compared to the Engineers estimate, the evaluated bid cost of M/s MEIL works out to be 8.42% above.

However, if one analyses the above depicted table and in particularly with respect to the overall capital costs, item M - Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4) - it is observed that the Bidder M/s MEIL has considerably quoted higher costs of more than Rs 93 Crores (i.e, 27.17% above the Engineers Estimate, suggesting front loading of the capital cost. As per JICA's Instruction to Bidders (ITB) 38.5, which stipulated that 'if the bid, which results into lowest evaluated bid price is seriously unbalanced or front loaded in the opinion of the employer the Employer may require that the amount of the performance security be increased at the expense of the bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract'. In the case of CP-04 it is clearly evident that the bidder M/S MEIL has front loaded the bid and hence it is recommended that appropriate additional performance bank guarantee be taken from the bidder towards his works Cost (i.e., Capital Costs).

For CP-03 Package:

The Read out Bid price is as follows:

Name of Bidders	INR	JPY
M/s. SUEZ India Pvt Ltd -M/s.SUEZ International (JV)	337,22,39,481/-	291,092,500/-
M/s. Megha Engineering & Infrastructures Ltd.	324,71,86,406/-	273,043,365/-

The Comparison of Quoted Price by the Bidders with the Engineers Estimate considering corrections and unconditional Discount is as below.

Schedule	Description	Price quoted by M/s. MEIL in Rs.	Price quoted by M/s. SIPL - Suez International (JV) in Rs.	Engineer's Estimate In Rs.
Schedule-1	Design, Drawing and Documentation	15,899,000	139,859,139	52,895,663
Schedule-2	Civil Works, Installation and Other Services	1,410,470,391	1,534,324,034	1,131,376,574



Schedule-3A	Plant and Equipment Supplied from Outside the Employer's Country	211,707,416	170,535,417	
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	941,467,464	978,798,125	984,449,945
Schedule-4	Requirements of Office of the Engineer	1,077,439	1,164,800	2,000,000
M	Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4)	2,580,621,710	2,824,681,515	2,170,722,182
Schedule-5	Operation & Maintenance	471,526,608	231,739,998	141,704,635
	SUB-TOTAL (M + 5)	3,052,148,318	3,056,421,513	2,312,426,817
	Provisional Sum	365,000,000	365,000,000	365,000,000
Total Amount		3,417,148,318	3,421,421,513	2,677,426,817
Schedule-7A	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Outside the Employer's country	7,138,151	46,014,821	
Schedule-7B	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Within the Employer's country	378,125	94,013,273	
	Grand Total	3,424,664,594	3,561,449,607	2,677,426,817
		L1	L2	

Comparison Statement CP-03:

Sl. No.	Description	Price quoted by M/s. MEIL in Rs.	Price quoted by M/s. SIPL - Suez International (JV) in Rs.	Engineers Estimate (Rs.)	% Variation of M/s MEIL price with respect to Engineer's Estimate	% Variation of M/s SIPL price with respect to Engineer's Estimate
1	Capital Cost (A)	2,580,621,710	2,824,681,515	2,170,722,182	18.88%	30.13%
2	Operation and Maintenance Cost including Day works for O&M Manpower (B)	471,526,608	231,739,998	141,704,635	232.5%	63.5%
3	Net Present Value of Electrical Energy (C)	3,249,814,210	3,299,283,531	3,295,423,201	-1.32%	0.12%
Evaluated bid cost Total (A+B+C)		6,301,962,528	6,355,705,044	5,607,850,018	12.38%	13.34%

Note: Approved Engineer's Estimate includes Provisional Sum of INR 365,000,000 and Physical Contingency of INR 151,950,553 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price.



CE(K) Explained that, further the Price bids of CP- 04 and CP-03 was opened on the same day and found that, the M/s. MEIL is L1 bidder for the both packages. In this regard, as per the Bidding Document Section-II, Appendix to Bid Data Sheet, which stipulates “policy of one contract award for one Bidder under a group of works’ contract packages (CP-03 & CP-04)”, though M/s. MEIL is the L1 Bidder for CP-03 as per evaluated price bid, M/s SIPL-Suez International (JV) is deemed to be considered as L1 bidder for CP-03.

When compared to the Engineers estimate, the evaluated bid cost of M/s. SUEZ India Pvt. Ltd and M/s. SUEZ International (JV) works out to be 13.34% above Engineers estimates (including NPV of Electrical Energy). However, if one analyses the above depicted table and in particularly with respect to the overall capital costs, item M - Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4) - it is observed that the Bidder M/s SIPL has considerably quoted higher costs of more than Rs 65 Crores (i.e, 30.13% above the Engineers Estimate), suggesting front loading of the capital cost. As per JICA’s Instruction to Bidders (ITB) Clause 38.5, which stipulated that ‘if the bid, which results into lowest evaluated bid price is seriously unbalanced or front loaded in the opinion of the employer the Employer may require that the amount of the performance security be increased at the expense of the bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract’. In case of CP-03, also the bidder M/S SIPL has front loaded the bid and hence it is recommended that appropriate additional performance bank guarantee (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) be taken from the bidder towards his works Cost (i.e., Capital Costs).

The subject was placed before TSC (F) on 04.03.2020 and after detailed discussion the committee reviewed and opined as follows:

- **For CP-04 Package:** The only Technically Responsive Bidder M/s. Megha Engineering and Infrastructures Ltd has quoted Bid Price of Rs 468,97,28,255/- Excluding provisional Sum of Rs.2,00,00,000/- plus and Cost for Mandatory spares. The total evaluated bid is 8.42% above the Engineers Estimate (which includes Capex, Opex and of NPV of electrical energy) However since the bidder has front loaded on the capital cost, as per the JICA’s Instruction to



Bidders (ITB) Clause 38.5 an additional Bank Guarantee of Rs. 9.30 Crore (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be obtained from the bidder. Though it is a single bid in CP-04 the evaluated Price Bid of 8.42% above the Engineers Estimate (including NPV of Electrical Energy) is reasonable compared with CP-03 Package where M/s MEIL has quoted 12.38% and M/s SIPL has quoted 13.34%. Hence recommended to place the subject before the Board for approval of award of Contract for CP-04 package as indicated above and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

- **For CP-03 Package:** The rates quoted by M/s SIPL- Suez International (JV) is Rs.305,64,21,513/- which is excluding provisional sum of Rs.36,50,00,000/- and cost for mandatory spares. The evaluated Bid price of M/s SIPL- Suez International (JV)Rs.635,57,05,044/- is 13.34% above the Engineers Estimate(inclusive of NPV of electrical energy) seems to be higher when compared to CP-04 package where the Evaluated Bid Price is 8.42% above the Engineers Estimate (inclusive of NPV of electrical energy), as the scope of work is similar in nature. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 an additional BG (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be sought from the bidder. Hence recommended to conduct negotiation with the bidder M/s SIPL- Suez International (JV) for arriving at a reasonable rate after obtaining concurrence from JICA.

Based on the above discussion's Board accorded approval for the following:

1. **CP-04 Package:** For Award of Contract of CP-04 package to the sole Responsive Bidder M/s. Megha Engineering and Infrastructures Ltd who has quoted Bid Price of Rs 468,97,28,255/- Excluding provisional Sum of Rs.2,00,00,000/- and physical contingency of Rs.23,89,93,081/- and Cost for Mandatory spares. The total evaluated bid is 8.42% above the Engineers Estimate (which includes Capex, Opex and of NPV of electrical energy)



However since the bidder has front loaded on the capital cost, as per the JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid, which results in the lowest evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". An additional Performance Bank Guarantee of Rs.9.30 Crore (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be obtained from the bidder. Though it is a single bid in CP-04 the evaluated Price Bid of 8.42% above the Engineers Estimate (including NPV of Electrical Energy) is reasonable compared with CP-03 Package where M/s MEIL has quoted 12.38% and M/s SIPL has quoted 13.34% .The Cost is inclusive of all taxes and duties. Hence forward the same to JICA for concurrence.

2. For CP-03 Package: To Conduct Price negotiation by applying the provisions of JICA guidelines as per Clause No.5.10 (3) with M/s. SIPL- Suez International (JV) whose quoted rate is Rs.305,64,21,513/- which is excluding provisional sum of Rs.36,50,00,000/-and physical contingency of Rs.15,19,50,553/- and cost for mandatory spares. The evaluated Bid price of M/s. SIPL- Suez International (JV) Rs.635,57,05,044/- is 13.34% above the Engineers Estimate(inclusive of NPV of electrical energy) seems to be higher when compared to CP-04 package where the Evaluated Bid Price is 8.42% above the Engineers Estimate (inclusive of NPV of electrical energy), as the scope of work is similar in nature. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid, which results in the lowest evaluated Bid Price, is seriously unbalanced or front



loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". In line with the above, an additional Performance Bank Guarantee, equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate may be sought from the bidder in case the work is awarded. After negotiation the result shall be placed before the Board for further decision in this regard.

(23)The Board in its meeting held on 19-03-2020 vide subject No.-2

2. Design/ Engineering, Construction, Commission ing of 775 MLD Water Treatment Plant at T.K.Halli with 7 years of Operations and Maintenance (DBO Package-BWSSP/JICA/CP-02).

CE (K) explained the subject to the Board and details are as follows:

Under the JICA assisted BWSSP Phase III Stage V works taken up by BWSSB, CE (K) Zone has called for Tender for the above mentioned work, after taking approval from JICA. The Tender was notified on 01st March 2019 and the last date for submission of Tender was 09-10-2019.

In response to the IFT, the following 02 bidders have submitted their technical proposal and was opened on the same day:

- (1) M/s. SUEZ India Pvt ltd - M/s Toshiba Water Solutions Pvt Ltd (Joint Venture).
- (2) M/s. Megha Engineering & Infrastructure Limited (MEIL).

The Technical Bid Evaluation was done by the PMC, M/s. ONTB and the Technical Bid Evaluation Report (TBER) was submitted on 19.11.2019.



Based upon the preliminary evaluation, clarifications were sought on the Technical Bids submitted by both the bidders. The clarifications were sought on 25th Oct'2019 and the bidders were told to submit the response to clarifications by 7th Nov'2019. The response to clarifications was received, PMC reviewed the clarifications submitted by the bidders. PMC in their TBER had indicated that the clarification provided by the bidders was found satisfactory.

The TBER also indicates under the bid submissions and clarifications sought from bidder M/s MEIL on Schedule IV – Instrumentation Control & Automation works and Bidding document clause No 8.11.2 “Documents to be submitted during Bid submission”, the bidder had submitted the clarification and for some details had indicated that the same will be provided upon award of work and after detailed engineering & before commencement of supplies. Hence based upon the bidder's M/s MEIL's submission that “if any other equipment required as per tender specifications, the details of the same will be provided upon award of work and after detailed engineering and before commencement of supplies” PMC had considered their bid technically responsive provided that an undertaking in this regard is provided by the bidder M/s MEIL in case they are selected for award of the work.

Based on the above both the bidders:

- (1) M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (Joint Venture).
- (2) M/s. Megha Engineering & Infrastructure Limited (MEIL).

Were considered as substantially responsive to the bidding requirement and recommended by ONTB. Same is approved by TSC (T) in its meeting held on 20-11-2019 and same was forwarded to JICA for concurrence.

CE (K) explained that, In response to the TBER concurrence, JICA vide e-mail dated 20.12.2019 noted that, in the TBER wherein M/s MEIL was qualified based on submission from Bidder that “ if any other equipment required as per tender specifications, the details of the same will be provided upon award of work and after detailed engineering and before commencement of supplies”, under Schedule IV – Instrumentation Control & Automation works and Bidding document clause No



8.11.2 “Documents to be submitted during Bid submission” and requested BWSSB to re-look into to the TBER in respect of M/s.MEIL qualification as the above submission is contradicting the Technical qualification of M/S MEIL.

CE (K) explained that, further, JICA vide e-mail on 27.12.2019 stated that, “the quality of TBER prepared by GC/BWSSB needs further significant improvement since one of the bidder found technically noncompliant was considered as compliant despite the fact that the said bidder did not furnish desired information/documents necessarily required during the technical qualification at the time of the submission of the proposal and BWSSB intended to secure the said information post qualification of the bidder “ and requested to submit afresh TBER. The same was communicated to PMC, M/s.ONTB for having re-look into technical qualification of M/s.MEIL.

The PMC of the project M/s.ONTB submitted the revised TBER for CP-02. Where in following are the recommendations for Technical Bid evaluation decision:

Technically responsive bidder
(i) M/s SUEZ India Pvt Ltd & M/s Toshiba Water Solutions Pvt Ltd (Joint Venture)
Technically non-responsive bidder
(i) M/s Megha Engineering & Infrastructures Limited (MEIL) Reasons for Technical non-responsiveness The bidder MEIL is found technically non responsive as per ITB Clause No. 35.1(a), detailed evaluation of Technical bids, due to non submission of the following technical requirement to be submitted along with the bid. The same was not submitted even after BWSSB sought clarification from the bidder as per the provisions of clause ITB 29.1 of the bidding document. The bidder MEIL has not submitted the following Technical documents to be submitted along with their Technical bid, which has made the bid incomplete and not in compliance with the Employers Requirements: <ul style="list-style-type: none">• Technical Schedule – II –Proposed plant details• Technical Schedule – IV – Instrumentation Control & Automation Works• Tender Drawings

The Revised TBER was placed before the TSC (T) committee on 02.01.2020 and committee approved the revised TBER considering with M/s. SUEZ India Pvt ltd & M/s Toshiba Water Solutions Pvt Ltd (Joint Venture) as sole Technically Responsive Bidder.



Based upon the approval of TSC (T) the revised Technical Bid Evaluation Report (TBER) of CP-02 was forwarded to JICA for necessary concurrence. JICA concurred for Revised TBER and expressed “No objection” on 09 Jan’ 2020 and requested for Price bid Evaluation Report. Accordingly the price bids were opened on 10.02.2020 in presence of bidder, Consultants and BWSSB officials and the read out price is as follows:

1. M/s. SIPL - TWSPL (JV) - Rs. 469,18,83,772/-.

The Price bid was forwarded to M/s ONTB for evaluation. The Price Bid Evaluation report is submitted by M/s ONTB.

The comparative statements of Quoted bid Price and Evaluated Bid price of the Bidder M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) with the Engineers Estimate considering corrections and unconditional Discounts are as follows:

Schedule	Description	SIPL – TWSPL (JV) in Rs.	Engineer's Estimate in Rs.
Schedule-1	Design, Drawing and Documentation	200,300,666	-
Schedule-2	Civil Works, Installation and Other Services	2,252,793,953	1,566,200,000
Schedule-3A	Plant and Equipment Supplied from Outside the Employer's Country	-	-
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	1,618,341,264	1,059,200,000
Schedule-4	Requirements of Office of the Engineer	1,121,680	-
Schedule-5	Laboratory Equipments	4,820,500	-
Schedule-6	Operation & Maintenance	614,505,710	771,500,000
Sub Total		4,691,883,773	3,396,900,000
Provisional Sum		78,800,000	788,00,000
Total		4,770,683,773	3,475,700,000

Sl. No.	Description	Price quoted by M/s. SIPL – TWSPL (JV) in Rs	Engineers Estimate in Rs.	% variation with respect to Engineer's Estimate
1	Capital Cost (A)	4,077,378,063	2,625,400,000	55.31
2	Operation and Maintenance Cost including (B)	614,505,710	771,505,345	-20.35



3	Net Present Value of Electrical Energy (C)	110,019,294	162,027,026	-32.10
Evaluated bid cost Total (A+B+C)		4,801,903,067	3,558,932,371	34.93

In view of the above, M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) is considered as sole responsive bidder, whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 34.93% above the Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies.

Accordingly, the subject was placed before the TSC (F) on 16.01.2020 and the Committee reviewed and opined that for conducting Negotiation after concurrence from JICA under ODA guidelines section 5.10.3 with M/s SIPL as the bidder has front loaded the capital cost.

Further, on 28.01.2020 it was communicated to JICA, Since M/s Suez India private Limited-M/s. Toshiba (JV) is the only technically responsive bidder there is no basis for price comparison with competitors, hence negotiation will be difficult and concurrence was sought for "Applying the provision for JICA guidelines section 5.10.1(a) under rejection of bids to reject the bids and go for afresh tendering for the CP-02 contract package".

CE (K) explained that, Meanwhile JICA vide E-mail on 12.02.2020 requested "BWSSB to adopt the unified approach in all the procurement packages, which are having the Bid Prices substantially higher as compared to the cost estimate. Accordingly, BWSSB is requested to kindly submit the justification on seeking the Bid rejection in the instant case".

In reply BWSSB communicated to JICA on 18.02.2020 , that Bidder SIPL-TWSPL(JV) is the only technically responsive bidder and the Evaluated Bid Price quoted by the Bidder is substantially higher than the Engineers estimate by 34.93%. There is no basis for price comparison with competitors, hence negotiation will be difficult. However subsequent to rejection of bids, both in case of rebidding as per JICA guidelines 5.10 (2) and negotiations as per 5.10 (3) and accompanying notes 4 (02), it states that it should be accompanied by a revision in specifications or



modifications of the project, amounts of work, items in the original invitation of bid. Further, it being a DBO contract package revision of the specification or modification of the project is not envisaged at this stage, hence BWSSB once again requested JICA's concurrence for rebidding of Contract CP-02 package.

Further JICA's email, dated: 26.02.2020, requested BWSSB for correcting the cost estimates in accordance with latest SOR or any other factors, including the market cost and the possibility of conducting the negotiations, since the procurement of WTP is already delayed too much and also requested to reconsider the proposal for bids rejection and possibility of price negotiations as an alternate to rebidding.

Accordingly, the cost estimate has been revised as per the latest SOR amounting to **Rs. 395.80 Crore** which includes Civil works, Mechanical works, Electrical & Instrumentation control and Automation works including O & M, Provisional Sum and Physical Contingency and was placed before the Estimate scrutiny Committee on 10.03.2020 and Committee cleared the subject. When compared with the Evaluated Bid Price quoted by the Bidder SIPL - TWSPL(JV) is higher than revised Engineer's estimate by **25.12%**. The evaluated bid price is determined after excluding the Provisional sum, Physical contingencies. Evaluated bid price is presented below which includes Capex, Opex, and NPV of electrical energy as per clause 38.2 of ITB, Evaluation of Price Bids.

Sl.No.	Description	Price Quoted by M/s. SIPL - TWSPL (JV) in Rs.	Revised Engineers Estimate in Rs.	Percentage (%) Variation with respect to Engineers Estimate
1	Capital Cost (A)	4,077,378,063	2,904,400,000	40.39
2	Operation and Maintenance Cost (B)	614,505,710	771,500,000	-20.35
3	Net Present Value of Electrical Energy (C)	110,019,294	162,027,026	-32.10
	Evaluated Bid Cost Total (A+B+C)	4,801,903,067	3,837,927,026	25.12

Note: Approved Revised Engineer's Estimate includes Provisional Sum of INR 78,800,000 and Physical Contingency of INR 203,300,000 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price



As could be seen from the above, M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) is considered as sole responsive bidder, whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 25.12% above the Revised Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies.

The Board after detailed discussion accorded approval to apply the provisions of JICA guidelines Clause No.5.10 (3) for Rejection of the Bids and to Conduct Price negotiation with M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 25.12% above the Revised Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid, which results in the lowest evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". In line with the above, an additional Performance Bank Guarantee, equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate may also be sought from the bidder in case of award of work. The negotiated proposal shall be placed before the Board for further decision in this regard.



(24)The Board in its meeting held on 19-03-2020 vide subject No.-3

3. Tender for the work of Construction of MUSEUM at Malleshwaram 18th Cross, CJF premises, Bangalore.

CE(Design) explained the Board note. The complexity of the work involving the heritage character of the building and the delays were explained. Since it is third call though there is only one technically qualified bidder the Board found the negotiated bid which is 7% above the amount put to tender as reasonable. Then Board accorded approval to take up the Work of Construction of MUSEUM at Malleshwaram 18th cross, CJF premises, Bangalore through the firm M/s.Jeernodhar Conservators Pvt Ltd., at the negotiated offer of Rs.6,51,65,166/- (Rupees Six Crore Fifty One Lakh Sixty Five Thousand One Hundred and Sixty Six Only) (all inclusive) which is 7.00% above the amount put to tender.

ಮುಖ್ಯ ಅಧಿಕಾರಿಗಳು (ಕಾವೇರಿ)ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಕಾ) ವಲಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ 2019-20 ನೇ ಸಾಲಿನ ವಾರ್ಷಿಕ ವರದಿ

1) ಟಿ.ಕೆ.ಹಳ್ಳಿಯಲ್ಲಿ ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ 1 ಮತ್ತು 2 ನೇ ಹಂತದಲ್ಲಿ ಸ್ಥಾಪಿಸಿರುವ ಜಲಶುದ್ಧೀಕರಣ ಘಟಕಗಳ ಬದಲಾಗಿ ದಿನಂಪ್ರತಿ 300 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ಹೊಸ ಜಲ ಶುದ್ಧೀಕರಣ ಘಟಕ:-

ಟಿ.ಕೆ.ಹಳ್ಳಿಯಲ್ಲಿ ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ 1 ಮತ್ತು 2 ನೇ ಹಂತದಲ್ಲಿ ಸ್ಥಾಪಿಸಿರುವ ಜಲಶುದ್ಧೀಕರಣ ಘಟಕಗಳ ಬದಲಾಗಿ ದಿನಂಪ್ರತಿ 300 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ಹೊಸ ಜಲ ಶುದ್ಧೀಕರಣ ಘಟಕದ ಕಾಮಗಾರಿಗಳನ್ನು ರೂ. 148 ಕೋಟಿಗಳ ಅಂದಾಜು ವೆಚ್ಚದಲ್ಲಿ ಭಾರತ ಸರ್ಕಾರದ ಜಿ.ಎನ್.ಎನ್.ಯು.ಆರ್.ಎಂ ನಿಂದ ಹಣಕಾಸು ಸಹಾಯ ಪಡೆದುಕೊಳ್ಳಲಾಗಿದೆ. ಜಿ.ಎನ್.ಎನ್.ಯು.ಆರ್.ಎಂ ನಿಂದ ಅನುಮೋದಿತವಾದ ಮೊತ್ತ ರೂ.102.70 ಕೋಟಿಗಳು ಇದರಲ್ಲಿ ಭಾರತ ಸರ್ಕಾರ (ಶೇ:35% ರಷ್ಟು ಸಾಲ) ರಾಜ್ಯ ಸರ್ಕಾರ (ಶೇ:15% ರಷ್ಟು ಸಾಲ) ಮತ್ತು ಕೆ.ಯು.ಐ.ಡಿ.ಎಫ್.ಸಿ (ರೂ.52 ಕೋಟಿಗಳು)ಯ ಆರ್ಥಿಕ ನೆರವನ್ನು ಪಡೆಯಲಾಗಿದೆ.

ಈ ಕಾಮಗಾರಿಯನ್ನು ಮೆ|| ಡೆಗ್ರಿಮೊಂಟ್, ಫ್ರಾನ್ಸ್ ಮತ್ತು ಡೆಗ್ರಿಮೊಂಟ್ ಪ್ರೈ.ಲಿ(ಜಿ.ವಿ) ರವರಿಗೆ ರೂ.148.01 ಕೋಟಿಗಳ ಮೊತ್ತಕ್ಕೆ ಗುತ್ತಿಗೆ ನೀಡಲಾಗಿದೆ ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭದ ದಿನಾಂಕ:27-04-2015. ಪ್ರಸ್ತುತ ಕಾಮಗಾರಿಯು 95.50% ಗಳಷ್ಟು ಭೌತಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ ಹಾಗೂ 92.60% ಗಳಷ್ಟು ಆರ್ಥಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ.

2) ಹೆಚ್ಚುವರಿ ಕಚ್ಚಾ ನೀರಿನ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ನೆಟ್ಟಲ್ ಸಮತೋಲನ ಜಲಾಶಯದಿಂದ ಟಿ.ಕೆ.ಹಳ್ಳಿಗೆ ವಿಸ್ತರಿಸುವ ಕಾಮಗಾರಿ ಯೋಜನೆ:-

ರೂ. 160.33 ಕೋಟಿ ಅಂದಾಜು ವೆಚ್ಚದಲ್ಲಿ ಹಾಲಿ ಇರುವ ಹೆಚ್ಚುವರಿ ಕಚ್ಚಾ ನೀರಿನ 2778 ಎಂ.ಎಂ ವ್ಯಾಸದ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ಪೋರ್ಬ್ ಸಾಗರ್‌ನಿಂದ ನೆಟ್ಟಲ್ ಸಮತೋಲನ ಜಲಾಶಯದಿಂದ ಟಿ.ಕೆ.ಹಳ್ಳಿಗೆ ವಿಸ್ತರಿಸುವ ಕಾಮಗಾರಿ. ಈ ಯೋಜನೆಯನ್ನು ಕೆ.ಯು.ಐ.ಡಿ.ಎಫ್.ಸಿ (ರೂ. 80 ಕೋಟಿಗಳು) ಕರ್ನಾಟಕ ಸರ್ಕಾರ (ರೂ.40 ಕೋಟಿಗಳು) ಮತ್ತು ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ (ರೂ.40.33 ಕೋಟಿಗಳು) ನೆರವಿನೊಂದಿಗೆ ತೆಗೆದುಕೊಳ್ಳಲು ಸರ್ಕಾರವು ತನ್ನ ಆದೇಶ ದಿನಾಂಕ:04-05-2016ರಲ್ಲಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತದೆ.

ಈ ಕಾಮಗಾರಿಯನ್ನು ಮೆ|| ಸಾಯಿ ಸುಧೀರ್ ಇನ್‌ಫ್ರಾಸ್ಟ್ರಕ್ಚರ್ ಸಂಸ್ಥೆಗೆ ರೂ. 167.60/- ಕೋಟಿಗಳ ಮೊತ್ತಕ್ಕೆ ಗುತ್ತಿಗೆ ನೀಡಲಾಗಿದೆ ಕಾಮಗಾರಿಯು ಪ್ರಾರಂಭದ ದಿನಾಂಕ:09-02-2017 ಹಾಗೂ ಕಾಮಗಾರಿಯು ದಿನಾಂಕ: 31-03-2020 ಪೂರ್ಣಗೊಳ್ಳುತ್ತದೆ. ಪ್ರಸ್ತುತ ಕಾಮಗಾರಿಯಲ್ಲಿ 97% ಗಳಷ್ಟು ಭೌತಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ ಹಾಗೂ 87.60% ಗಳಷ್ಟು ಆರ್ಥಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ.



3) ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ 5ನೇ ಹಂತ:-

ರೂ.5550.00 ಕೋಟಿ ಅಂದಾಜು ವೆಚ್ಚದ ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆಯ 5ನೇ ಹಂತದ ಯೋಜನೆಗೆ ಜೈಕಾ ಸಂಸ್ಥೆಯ ಆರ್ಥಿಕ ನೆರವನ್ನು ಪಡೆಯಲಾಗುತ್ತಿದೆ. ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಈ ಯೋಜನೆಗೆ ಅಂದಾಜು ವೆಚ್ಚವಾದ ರೂ.5550.00 ಕೋಟಿಗಳಿಗೆ ಆದೇಶ ಸಂಖ್ಯೆ. ನಅಇ 11 ಎಂಎನ್‌ಐ 2015 ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 12-10-2017 ರಲ್ಲಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತದೆ.

ಇದರಿಂದ ಬೆಂಗಳೂರು ನಗರಕ್ಕೆ ದಿನಂಪ್ರತಿ 775 ದಶಲಕ್ಷ ಲೀಟರ್ ಹೆಚ್ಚುವರಿ ನೀರು ದೊರೆಯುವುದು. ಈ ಯೋಜನೆಯ ಭಾಗವಾಗಿ Project Management ಸೇವೆಯನ್ನು ನಿಯೋಜಿಸಲು M/s ONTB (JV of M/s Oriental Consultants Global Co. Ltd., M/s NJS Engineers India Pvt Ltd., M/s TATA Consulting Engineers Ltd., M/s Black and Veatch) ಸಂಸ್ಥೆಗೆ ಗುತ್ತಿಗೆ ನೀಡಲಾಗಿದೆ ಮತ್ತು ಈ ಯೋಜನೆ ಅಡಿಯಲ್ಲಿ 09 Water Packages ಗಳನ್ನು ಟೆಂಡರ್ ಕರೆದಿದ್ದು, ಅವುಗಳ ಪೈಕಿ 1 ಕಾಮಗಾರಿಯು ಪ್ರಗತಿಯಲ್ಲಿದ್ದು, 03 ಕಾಮಗಾರಿಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕಾರ್ಯಾದೇಶ ಪತ್ರವನ್ನು ನೀಡಲಾಗಿರುತ್ತದೆ ಮತ್ತು 03 Water Package ಗಳ ಟೆಂಡರ್‌ಗಳ ಮೌಲ್ಯಮಾಪನ (Tender Evaluation) ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ ಹಾಗೂ 02 Water Package ಗಳ ಟೆಂಡರ್‌ಗಳನ್ನು ಆಹ್ವಾನಿಸಲಾಗಿರುತ್ತದೆ. ಮುಂದುವರೆದು 03 Sewerage Package ಗಳು ಟೆಂಡರ್ ಆಹ್ವಾನಿಸಲಾಗಿದೆ.

4) ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯವನ್ನು ಮೊದಲನೇ ಹಂತದಲ್ಲಿ ಪುನಃಶ್ಚೇತನ ಮಾಡುವ ಕಾಮಗಾರಿ

ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಕೈಗೆತ್ತಿಕೊಂಡಿರುವ ಎತ್ತಿನಹೊಳೆ ಯೋಜನೆಯಡಿಯಲ್ಲಿ 2.5 ಟೀಎಂಸಿ (1.7 ಟೀಎಂಸಿ ನೀರನ್ನು ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯಕ್ಕೆ ಮತ್ತು 0.8 ಟೀಎಂಸಿ ಹೆಸರುಘಟ್ಟ ಜಲಾಶಯಕ್ಕೆ) ಹಂಚಿಕೆ ಮಾಡಿರುತ್ತದೆ. ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯದಿಂದ ಎತ್ತಿನಹೊಳೆ ನೀರನ್ನು ಬೆಂಗಳೂರಿಗೆ ಪೂರೈಸಲು ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯವನ್ನು ಹಾಗೂ ಶುದ್ಧ ನೀರು ಶುದ್ಧೀಕರಣ ಘಟಕಗಳ ಮೊದಲನೇ ಹಂತದಲ್ಲಿ ಪುನಃಶ್ಚೇತನ ಮಾಡುವ ಕಾಮಗಾರಿಗೆ ಸರ್ಕಾರವು ಆದೇಶ ಸಂಖ್ಯೆ. UDD 50 MNI 2019 ದಿನಾಂಕ:28.02.2019 ರಲ್ಲಿ ಅನುಮೋದನೆ ನೀಡಿದೆ. ದಿನಾಂಕ: 06.03.2019 ರಂದು ಮಾನ್ಯ ಉಪಮುಖ್ಯಮಂತ್ರಿಗಳು ಸದರಿ ಕಾಮಗಾರಿಗಳಿಗೆ ಚಾಲನೆ ನೀಡಿದ್ದಾರೆ. ಪ್ರಸ್ತುತ ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿದೆ.

ಕ್ರ.ಸಂ.	ಆರ್ಥಿಕ ನೆರವು	ಕಾಮಗಾರಿ ಹೆಸರು	ಭೌತಿಕ ಪ್ರಗತಿ	ಆರ್ಥಿಕ ಪ್ರಗತಿ	ಷರಾ
1	KUIDFC/GOK/BWSSB Project Cost Rs. 291 Cr.	ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಜಲಾಶಯವನ್ನು ಮೊದಲನೇ ಹಂತದಲ್ಲಿ ಪುನಃಶ್ಚೇತನ ಮಾಡುವ ಕಾಮಗಾರಿ	20%	10%	ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿದೆ.

ಮುಖ್ಯ ಅಧೀಕ್ಷಕರು (ಕಾವೇರಿ)
ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ

CHIEF ENGINEER (KAVERY)

**EXTENSION OF ADDITIONAL RAW WATER GRAVITY
MAIN FROM NETKAL BALANCING RESERVOIR T.K.HALLI**



ENGINEER - IN – CHIEF

**PIPE LAYING AND PROVIDING HOUSE SERVICE
CONNECTIONS UNDER NEW UFW PROJECT AT
YELAHANKA NEW TOWN**



**ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂತರರು****2019-20ನೇ ಸಾಲಿನ ನಿರ್ವಹಣಾ ವಲಯದ ವಾರ್ಷಿಕ ಕಾರ್ಯನಿರ್ವಹಣಾ ವರದಿ**

ನಿರ್ವಹಣಾ ವಲಯವು ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂತರರು ರವರ ನೇತೃತ್ವದಲ್ಲಿ ಎರಡು ಮುಖ್ಯ ಅಭಿಯಂತರರು, ನಾಲ್ಕು ಅಪರ ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಎರಡು ಉಪ ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಮೂರು ತಾಂತ್ರಿಕ ಸಹಾಯಕರನ್ನೊಳಗೊಂಡಂತೆ 11 ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಮತ್ತು 31 ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರೊಳಗೊಂಡಂತೆ ಈ ಕೆಳಕಂಡ ಕರ್ತವ್ಯಗಳನ್ನು ನಿರ್ವಹಿಸುತ್ತಿದೆ.

1. ನೀರು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಯ ನಿರ್ವಹಣೆ ಮತ್ತು ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಯ 400 ಮಿಮೀ ವ್ಯಾಸದವರೆಗೂ ಕೊಳವೆಗಳ ನಿರ್ವಹಣೆ ಮಾಡುವುದು.
2. ನೀರು ಮತ್ತು ಒಳಚರಂಡಿ ಸಂಪರ್ಕಗಳ ಮಂಜೂರಾತಿ, ಮಾಪನ ಠೇವಣಿಗಳನ್ನು ಮತ್ತು ದಾಮಾಷ ಶುಲ್ಕಗಳನ್ನು ಸಂಗ್ರಹಿಸುವುದು ಇತ್ಯಾದಿ.
3. ನೀರಿನ ಬಿಲ್ಲನ್ನು ವಿತರಿಸುವುದು, ಬಿಲ್ಲಿನ ಮೊತ್ತವನ್ನು ಪಾವತಿಸಿಕೊಳ್ಳುವುದು, ಬಾಕಿ ವಸೂಲಿ ಮಾಡುವುದು, ದೋಷಪೂರಿತ ಮಾಪನಗಳನ್ನು ಬದಲಾಯಿಸುವುದು.
4. ನೀರು ಮತ್ತು ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಯನ್ನು ಉತ್ತಮಗೊಳಿಸಲು ಅಗತ್ಯವಿರುವ ಪ್ರದೇಶಗಳಲ್ಲಿ ಹೊಸ ಕೊಳವೆಗಳನ್ನು ಅಳವಡಿಸುವುದು, ಉನ್ನತೀಕರಿಸುವುದು ಹಾಗೂ ಪ್ರಸ್ತುತವಿರುವ ಹಳೆಯ / ಸೋರಿಕೆಯಾಗುತ್ತಿರುವ ಕೊಳವೆಗಳನ್ನು ಬದಲಾಯಿಸುವುದು.
5. ಮಂಡಳಿಯ ನಿಧಿ ಮತ್ತು ಬಿಬಿಎಂಪಿ, ಬಿಡಿಎ, ಬಿಎಂಆರ್‌ಸಿಎಲ್, ಇತರೆ ಖಾಸಗಿ ಸಂಸ್ಥೆಗಳ ಠೇವಣಿ ಕೊಡುಗೆಯಿಂದ ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಕೊಳವೆಗಳನ್ನು ಅಳವಡಿಸುವುದು.
6. ಪ್ರತಿನಿತ್ಯ ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ನೀರು ಸರಬರಾಜು, ನೀರಿನ ಸೋರಿಕೆ, ನೀರು ಕಲುಷಿತಗೊಳ್ಳುವ, ಒಳಚರಂಡಿ ಕೊಳವೆಗಳು ಕಟ್ಟಿಕೊಳ್ಳುವ, ಇಳಿಗುಂಡಿಗಳಿಂದ ಒಳಚರಂಡಿ ನೀರು ಉಕ್ಕಿ ಹರಿಯುವ, ನೀರಿನ ಬಿಲ್ಲು ಮತ್ತು ಇತರೆ ದೂರುಗಳನ್ನು ಸ್ವೀಕರಿಸುವುದು ಮತ್ತು ನಿಗದಿತ ಸಮಯದೊಳಗೆ ದೂರುಗಳನ್ನು ಪರಿಹರಿಸುವುದು.
7. ಮಾಹಿತಿ ಹಕ್ಕು ಕಾಯ್ದೆ, ಮಾನವ ಹಕ್ಕುಗಳ ಆಯೋಗ, ವಿಧಾನ ಸಭೆ / ವಿಧಾನ ಪರಿಷತ್ತಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸುವ, ನ್ಯಾಯಾಲಯದ ಪ್ರಕರಣಗಳು ಮತ್ತು ಸರ್ಕಾರಕ್ಕೆ ಸಂಬಂಧಪಟ್ಟಂತಹ ಪತ್ರಗಳಿಗೆ ಉತ್ತರಿಸುವುದು.
8. ಅಂತರ್ಜಲ ಇಲಾಖೆಯ ತಾಂತ್ರಿಕ ವರದಿ ಆಧಾರದ ಮೇರೆಗೆ ಹೊಸದಾಗಿ ಕೊಳವೆಬಾವಿ ಕೊರೆಯಲು ಅನುಮತಿ ನೀಡುವುದು ಮತ್ತು ಹಾಲಿಯಿರುವ ಕೊಳವೆಬಾವಿಗಳ ನೋಂದಣಿ ಮಾಡಿಕೊಳ್ಳುವುದು.
9. ಪ್ರತಿ ಮಾಹೆ ಬೇಡಿಕೆ, ವಸೂಲಿ, ಬಾಕಿ (ಡಿ.ಸಿ.ಬಿ) ಮತ್ತು ಮಾಹೆಯಾನ ಪ್ರಗತಿ ಪರಿಶೀಲನೆ ಸಭೆ, ಅಪೀಲ್ ಸಮಿತಿ ಸಭೆ, ನೀರಿನ ಅದಾಲತ್ ಮತ್ತು ಇತರೆ ಸಭೆಗಳನ್ನು ನಡೆಸುವುದು.
10. ಮಾರ್ಚ್-2020ರ ಅಂತ್ಯಕ್ಕೆ ಒಟ್ಟು 9.94ಲಕ್ಷ ನೀರು ಮತ್ತು ಒಳಚರಂಡಿ ಸಂಪರ್ಕಗಳಿರುತ್ತವೆ.



ಪಟ್ಟಿ-1

ಕ್ರ.ಸಂ	ವಿವರಗಳು	ಮಾಹಿತಿ
1.	ಪ್ರಸ್ತುತ ಕಾವೇರಿ ನದಿಯಿಂದ ನಗರಕ್ಕೆ ಸರಬರಾಜು ಆಗುತ್ತಿರುವ ದಿನಂಪ್ರತಿ ನೀರಿನ ಪ್ರಮಾಣ	1450 ದ.ಲ.ಲೀ
2.	ಪ್ರಸ್ತುತ ಜನಸಂಖ್ಯೆ ಸುಮಾರು	11 ದಶಲಕ್ಷ
3.	ನೀರು ಸರಬರಾಜು ಆಗುತ್ತಿರುವ ಪ್ರದೇಶ	575 ಚ.ಕಿಮೀ
4.	ನೀರು ಮತ್ತು ಒಳಚರಂಡಿ ಸಂಪರ್ಕಗಳು	9.94 ಲಕ್ಷಗಳು
5.	ಒಟ್ಟು ನೀರು ಸರಬರಾಜು ಕೊಳವೆಗಳು (ಉದ್ದಳತೆ)	10408 ಕಿ.ಮೀ
6.	ಒಟ್ಟು ಒಳಚರಂಡಿ ಕೊಳವೆಗಳು (ಉದ್ದಳತೆ)	8622 ಕಿ.ಮೀ
7.	ದಿನಂಪ್ರತಿ ಸರಾಸರಿ ನೀರಿನ ಬಳಕೆ (ಎಲ್.ಪಿ.ಸಿ.ಡಿ)	120 ಲೀ
8.	ಪ್ರತಿ ಮಾಹೆಯಾನ ಕಂದಾಯ	ರೂ.113 ಕೋಟಿಗಳು

11. ಏಪ್ರಿಲ್ 2019ರಿಂದ ಮಾರ್ಚ್-2020 ರವರೆಗೆ ಮಾಹೆಯಾನ ಬೇಡಿಕೆ ಮತ್ತು ಕಂದಾಯ ವಸೂಲಿಯ ವಿವರಗಳು:

ಪಟ್ಟಿ-2

ಮಾಹೆ /ವರ್ಷ	ಬೇಡಿಕೆ (ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ)	ವಸೂಲಿ (ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ)
ಏಪ್ರಿಲ್-19	118.06	111.67
ಮೇ-19	115.01	117.49
ಜೂನ್-19	119.09	111.33
ಜುಲೈ-19	111.84	118.86
ಆಗಸ್ಟ್-19	112.52	113.67
ಸೆಪ್ಟೆಂಬರ್-19	113.80	114.41
ಅಕ್ಟೋಬರ್-19	110.06	108.58
ನವೆಂಬರ್-19	110.17	113.95
ಡಿಸೆಂಬರ್-19	108.78	112.44
ಜನವರಿ-20	112.04	119.81
ಫೆಬ್ರವರಿ-20	113.43	118.47
ಮಾರ್ಚ್-20	109.81	97.10



12. 2019-20 ಆರ್ಥಿಕ ವರ್ಷದಲ್ಲಿ ದೋಷಪೂರಿತ ಮಾಪನಗಳ ಬದಲಾವಣೆ ಮತ್ತು ಮಾಹೆಯಾನ ದೋಷಪೂರಿತ ಮಾಪನಗಳ ಶೇಖಡಾವಾರು ವಿವರಗಳು

ಪಟ್ಟಿ-3

ಮಾಹೆ /ವರ್ಷ	ಒಟ್ಟು ಮಾಪನ ಸಂಪರ್ಕಗಳು	ಎಂ.ಎಸ್	ಎಂ.ಡಿ	ಒಟ್ಟು ದೋಷಪೂರಿತ ಮಾಪನಗಳು	ಶೇಖಡಾವಾರು ಪ್ರಮಾಣ
ಏಪ್ರಿಲ್-19	928056	2181	68	2249	0.24
ಮೇ-19	930244	1880	85	1965	0.21
ಜೂನ್-19	931390	1218	93	1311	0.14
ಜುಲೈ-19	933917	1317	81	1398	0.15
ಆಗಸ್ಟ್-19	935009	1285	59	1344	0.14
ಸೆಪ್ಟೆಂಬರ್-19	937635	1536	60	1596	0.17
ಅಕ್ಟೋಬರ್-19	939689	1485	51	1536	0.16
ನವೆಂಬರ್-19	940715	1557	74	1631	0.17
ಡಿಸೆಂಬರ್-19	942641	1232	65	1297	0.14
ಜನವರಿ-20	943946	1814	57	1871	0.20
ಫೆಬ್ರವರಿ-20	946053	1738	56	1794	0.19
ಮಾರ್ಚ್-20	947076	1473	50	1523	0.16

13. ಏಪ್ರಿಲ್-2019 ರಿಂದ ಮಾರ್ಚ್ 2020 ರವರೆಗೆ ನೀರು ಮತ್ತು ಒಳಚರಂಡಿ ಸಂಪರ್ಕಗಳ ಮಂಜೂರಾತಿಯಿಂದ ಮಾಹೆಯಾನ ಸಂಗ್ರಹವಾದ ದಾಮಾಷ ಶುಲ್ಕಗಳ ವಿವರಗಳು

ಪಟ್ಟಿ-4

ಕ್ರ.ಸಂ.	ಮಾಹೆಯಾನ	ಸಂಗ್ರಹಣೆಯಾದ ದಾಮಾಷ ಶುಲ್ಕ (ರೂ.ಲಕ್ಷಗಳಲ್ಲಿ)
1	ಏಪ್ರಿಲ್-2019	428.73
2	ಮೇ-2019	478.79
3	ಜೂನ್-2019	683.14
4	ಜುಲೈ-2019	1703.01
5	ಆಗಸ್ಟ್-2019	534.08
6	ಸೆಪ್ಟೆಂಬರ್-2019	899.58
7	ಅಕ್ಟೋಬರ್-2019	431.63



8	ನವೆಂಬರ್-2019	983.54
9	ಡಿಸೆಂಬರ್-2019	1119.11
10	ಜನವರಿ-2020	512.91
11	ಫೆಬ್ರವರಿ-2020	581.24
12	ಮಾರ್ಚ್-2020	468.33
	ಒಟ್ಟು	8824.09

14. ನೀರಿನ ಅಭಾವವಿರುವ ಪ್ರದೇಶಗಳಿಗೆ ನೀರು ಸರಬರಾಜು ಮಾಡಲು ಮಂಡಳಿಯ 60 ನೀರಿನ ಟ್ಯಾಂಕರ್ ಲಾರಿಗಳನ್ನು ನಿಯೋಜಿಸಲಾಗಿದೆ. ಇದರ ಜೊತೆಗೆ ಬೇಸಿಗೆ ಸಮಯದಲ್ಲಿ ನೀರಿನ ಅಭಾವವಿರುವ ಹಳೆಯ ನಗರ ಪ್ರದೇಶ ಮತ್ತು ನಗರಸಭೆ, ಪುರಸಭೆಗಳಿಗೆ ನೀರು ಸರಬರಾಜು ಮಾಡಲು ಅಗತ್ಯಕತೆಗನುಗುಣವಾಗಿ ಖಾಸಗಿ ನೀರಿನ ಟ್ಯಾಂಕರ್‌ಗಳನ್ನು ನಿಯೋಜಿಸಿಕೊಳ್ಳಲಾಗುವುದು.

15. ಕಂದಾಯ ಬಿಲ್ಲಿಂಗ್ ಮತ್ತು ವಸೂಲಿ ವ್ಯವಸ್ಥೆ (ಸಜಲ): -

ಅ. ಕೇಂದ್ರೀಕೃತ ಬಿಲ್ಲಿಂಗ್ ಮತ್ತು ವಸೂಲಿ ವ್ಯವಸ್ಥೆ ಸಜಲವನ್ನು ಆರ್ಥಿಕ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಬದ್ಧ ಹಾಗೂ ಸುಸ್ಥಿರವಾಗಿ ಸಾರ್ವಜನಿಕ ಸ್ನೇಹಿಯಾಗಿ ರೂಪಿಸಲಾಗಿದೆ.

ಆ. ಕೇಂದ್ರೀಕೃತ ಬಿಲ್ಲಿಂಗ್ ವ್ಯವಸ್ಥೆಯು ನೀರಿನ ಬೇಡಿಕೆಯ ನಿರ್ವಹಣೆ / ಕಂದಾಯ ನಷ್ಟಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಬಹಳ ಪ್ರಮುಖವಾದ ಮಾಹಿತಿಯನ್ನು ನೀಡುವುದಲ್ಲದೆ, ಇತರೆ ನಿರ್ಣಯಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳಲು ಸಹಾಯಕವಾಗಿದೆ.

ಇ. ಸಾರ್ವಜನಿಕರು ಸಕಾಲ ಮತ್ತು CP GRAMS ನಲ್ಲಿ ದಾಖಲಿಸಿರುವ ಕುಂದುಕೊರತೆಗಳ ನಿರ್ವಹಣೆ

ಈ. ನೀರು ಮತ್ತು ಒಳಚರಂಡಿಯ ಹೊಸ ಸಂಪರ್ಕ ಪಡೆಯುವುದಕ್ಕೆ ಆನ್‌ಲೈನ್ ಮೂಲಕ ವ್ಯವಸ್ಥೆ ಮಾಡಲಾಗಿದೆ.

ಉ. ಆನ್‌ಲೈನ್‌ನಲ್ಲಿ ವರ್ಗವಾರು ಸಂಪರ್ಕಗಳ ಮತ್ತು ನೀರಿನ ಬಳಕೆಯ ಕುರಿತು ವಿಶ್ಲೇಷಣೆ, ಬಾಕಿದಾರರ, ಕಾರ್ಯನಿರ್ವಹಿಸುವ / ದೋಷಪೂರಿತ ಮಾಪನಗಳ ವಿವರಗಳು ಮತ್ತು ಬೇಡಿಕೆ ವಸೂಲಿ ಬಾಕಿ ವಿವರಗಳನ್ನು ಒಳಗೊಂಡ ಎಂ.ಐ.ಎಸ್ ವರದಿಯನ್ನು ಶೀಘ್ರವಾಗಿ ಉಪವಿಭಾಗ / ವಿಭಾಗವಾರು ಪಡೆದುಕೊಳ್ಳಬಹುದು.

ಊ. ಬಿಲ್ಲಿಂಗ್‌ನಲ್ಲಿ ಗುರಿ ನಿಗದಿಪಡಿಸಲು ಮತ್ತು ಕಂದಾಯ ವಸೂಲಿಯಲ್ಲಿ ಸುಧಾರಣೆ ಮಾಡಲು

ಋ. ಸ್ಥಳದಲ್ಲಿ Hand held device ನ ಮುಖಾಂತರ ಬಿಲ್ಲು ವಿತರಣೆ ಮಾಡುವ ವ್ಯವಸ್ಥೆ ಜಾರಿಯಲ್ಲಿದೆ.

ಎ. ಕಂದಾಯ ವಸೂಲಿಯ ಒಟ್ಟು ಕಿಯೋಸ್ಕ್ ಯಂತ್ರಗಳು - 74

ಏ. 5 ವಿವಿಧ ಗೇಟ್‌ವೇ ಮುಖಾಂತರ ಆನ್‌ಲೈನ್‌ನಲ್ಲಿ ಬಿಲ್ ಪಾವತಿ ಮಾಡಬಹುದು.

ಐ. ಆನ್‌ಲೈನ್‌ನಲ್ಲಿ ಗ್ರಾಹಕರು 6 ತಿಂಗಳವರೆಗೆ ನೀರಿನ ಬಳಕೆ ಪ್ರಮಾಣ ಮತ್ತು ಬಿಲ್ಲಿನ ವಿವರಗಳನ್ನು ಪಡೆಯಬಹುದು.



- ಒ. ಬಿಲ್ಲಿನ ಮೊತ್ತವನ್ನು ಈ.ಸಿ.ಎಸ್ ಮುಖಾಂತರ ಪಾವತಿ ಮಾಡಬಹುದು.
 ಓ. ಬಿಲ್ಲಿನ ಮೊತ್ತವನ್ನು ಬೆಂಗಳೂರು ಒನ್ ಕೇಂದ್ರಗಳಲ್ಲಿ ಮತ್ತು ಬಿ.ಬಿ.ಪಿ.ಎಸ್. (BBPS) ಮುಖಾಂತರ ಪಾವತಿ ಮಾಡಬಹುದು.
 ಔ. ಬಿಲ್ಲಿನ ಮೊತ್ತವನ್ನು ಕರ್ನಾಟಕ ಮೊಬೈಲ್ ಆಪ್ / PayTM ಮುಖಾಂತರ ಪಾವತಿ ಮಾಡಬಹುದು.
 ಅಂ. ವಿಭಾಗವಾರು ನೀರಿನ ಒಳಹರಿವಿನ ಲೆಕ್ಕಾಚಾರ ಮಾಡಲು 736 ಸಗಟು ನೀರಿನ ಮಾಪನಗಳನ್ನು ನೀರು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಗೆ ಅಳವಡಿಸಲಾಗಿದೆ.

16. ನೀರಿನ ಬಿಲ್ಲಿನ ವ್ಯಾಜ್ಯಗಳನ್ನು ಮತ್ತು ಸಾರ್ವಜನಿಕರ ತೊಂದರೆಗಳನ್ನು ನಿವಾರಿಸಲು ಉಪವಿಭಾಗಗಳಲ್ಲಿ ಪ್ರತಿ ಮಾಹೆ ನಿಗದಿತ ಅಧಿಸೂಚಿತ ದಿನಾಂಕದಂದು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ನೀರಿನ ಅದಾಲತ್‌ನ್ನು ನಡೆಸಲಾಗುವುದು. ಇದೇ ರೀತಿ ಅಪರ ಮುಖ್ಯ ಅಭಿಯಂತರರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ಕೆಳಮನವಿ ಸಮಿತಿ ಸಭೆ ಮತ್ತು ಆರ್ಥಿಕ ಸಲಹೆಗಾರರು – ಮುಖ್ಯ ಲೆಕ್ಕಾಧಿಕಾರಿಯವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ಮೇಲ್ಮನವಿ ಸಮಿತಿ ಸಭೆಯನ್ನು ನಡೆಸಲಾಗುವುದು.

17. ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆಯ ನಿರ್ವಹಣೆಗೆ 145 ಜೆಟ್ಟಿಂಗ್ ಮತ್ತು ಸಕ್ವಿಂಗ್ ಯಂತ್ರಗಳು ಹಾಗೂ 40 ಡಿಸಿಲ್ವಿಂಗ್ ಯಂತ್ರಗಳನ್ನು ನಿಯೋಜಿಸಲಾಗಿದೆ.

18. ಕೊಳಚೆ ಪ್ರದೇಶಗಳಲ್ಲಿ ಹಾಗೂ ಪರಿಶಿಷ್ಟ ಜಾತಿ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡದ ಕಾಲೋನಿಗಳಲ್ಲಿ ವಾಸಿಸುವ ನಿವಾಸಿಗಳಿಗೆ ಉಚಿತವಾಗಿ 10,000ಲೀಟರ್ ನೀರು ಸರಬರಾಜು ಮಾಡುವ ಬಗ್ಗೆ:-

ರಾಜ್ಯ ಸರ್ಕಾರವು ಬೆಂಗಳೂರು ನಗರದ ಕೊಳಚೆ ಪ್ರದೇಶದಲ್ಲಿರುವ 81076 ಸಂಪರ್ಕಗಳಿಗೆ ಹಾಗೂ ಪರಿಶಿಷ್ಟ ಜಾತಿ ಮತ್ತು ಪರಿಶಿಷ್ಟ ಪಂಗಡದ ಕಾಲೋನಿಯಲ್ಲಿನ 26397 ಸಂಪರ್ಕಗಳಿಗೆ ಪ್ರತಿ ತಿಂಗಳು 10,000 ಲೀಟರ್ ನೀರನ್ನು ಉಚಿತವಾಗಿ ಸರಬರಾಜು ಮಾಡಲಾಗುತ್ತಿದ್ದು, ಸರ್ಕಾರದಿಂದ ವಾರ್ಷಿಕ ರೂ. 1837.00 ಲಕ್ಷಗಳನ್ನು ಅನುದಾನವನ್ನು ನಿಗದಿಪಡಿಸಲಾಗಿದ್ದು, ಸದರಿ ಮೊತ್ತವನ್ನು ಉಚಿತವಾಗಿ ನೀರು ಸರಬರಾಜು ಮಾಡಲು ಉಪಯೋಗಿಸಿಕೊಳ್ಳಲಾಗುತ್ತಿದೆ.

ಕ್ರಮ ಸಂಖ್ಯೆ	ಕಾಮಗಾರಿಯ ವಿವರ	ಕೊಳವೆ ಮಾರ್ಗದ ಉದ್ದ ಮತ್ತು ನೀರಿನ ಸಂಪರ್ಕ (ಡಿ.ಐ ಕೊಳವೆ 100ಮಿ.ಮೀ ನಿಂದ 300ಮಿ.ಮೀ)	ಕಾಮಗಾರಿಯ ವೆಚ್ಚ ಮೊತ್ತ ರೂ ಕೋಟಿಗಳಲ್ಲಿ	ಮಾಡಲಾದ ವೆಚ್ಚ (ಫೆಬ್ರವರಿ-2019)	ಷರಾ
1	ಅಮೃತ್ ಸ್ಮೀಮ್ ಅಡಿಯಲ್ಲಿ ಸ್ಲಂ ಗೆ ನೀರು ಸರಬರಾಜು ಮಾಡಲು ಕೈಗೊಂಡ ಕಾಮಗಾರಿ	28.32 ಕಿ.ಮೀ 7080 ನೀರಿನ ಸಂಪರ್ಕ ನೀಡಲಾಗಿದೆ.	15.17	14.46	ಕಾಮಗಾರಿಯು ಮುಕ್ತಾಯವಾಗಿರುತ್ತದೆ, ಹಾಗೂ ಅಂತಿಮ ಬಿಲ್ ತಯಾರಿಸಲಾಗುತ್ತಿದೆ.



ಲೆಕ್ಕಕ್ಕೆ ಸಿಗದ ನೀರಿನ ಪ್ರಮಾಣವನ್ನು ಕಡಿತಗೊಳಿಸುವ (ಯು.ಎಫ್.ಡಬ್ಲ್ಯು) ಯೋಜನೆಗಳು
(ಜೈಕಾ ಅನುದಾನ)

- 2012-13 ರಲ್ಲಿ ಯು.ಎಫ್.ಡಬ್ಲ್ಯು ಪ್ರಮಾಣ – 49.96%
- ಸೆಪ್ಟೆಂಬರ್-2019 ರ ಅಂತ್ಯಕ್ಕೆ ಯು.ಎಫ್.ಡಬ್ಲ್ಯು ಪ್ರಮಾಣ – 23.66%

ವಿಭಾಗ	ಕಾರ್ಯ ಮತ್ತು ವ್ಯಾಪ್ತಿ ಪ್ರದೇಶ (ಚ.ಕಿ.ಮೀ)	ಕಾಮಗಾರಿಯ ಮೊತ್ತ ರೂ ಕೋಟಿಗಳಲ್ಲಿ	ಆರ್ಥಿಕ ಪ್ರಗತಿ ರೂ ಕೋಟಿಗಳಲ್ಲಿ (ಫೆಬ್ರವರಿ-19)	ಡಿ.ಎಂ. ಎ ಗಳ ಸಂಖ್ಯೆ	ಹಿಂದಿನ ಯು.ಎಫ್.ಡ ಬ್ಲ್ಯು	ಪ್ರಸ್ತುತ ಯು.ಎಫ್.ಡಬ್ಲ್ಯು (ಫೆಬ್ರವರಿ-19)	ನೀರಿನ ಉಳಿತಾಯ ದಿನಂಪ್ರತಿ ದ.ಲ.ಲೀ ಗಳಲ್ಲಿ (ಫೆಬ್ರವರಿ-19)	ಷರಾ
ದಕ್ಷಿಣ	52	138.00	193.6	83	49.96%	24.41%	70.4	ಓ & ಎಂ. ಸೇರಿ ದಿ.30.9.2019 ರಂದು ಕಾಮಗಾರಿಯು ಮುಕ್ತಾಯಗೊಂಡಿರುತ್ತದೆ.
ಪಶ್ಚಿಮ	54	284.63	270.72	83	45.27%	23.07%	58.6	ಕಾಮಗಾರಿ ಮುಗಿದಿದ್ದು, ದಿ.31.12.2020 ರವರೆಗೆ ನಿರ್ವಹಣಾ ಹಂತದಲ್ಲಿರುತ್ತದೆ
ಕೇಂದ್ರ	26.5	164.60	131.5	43	52.78%	26.08%	37.87	ಕಾಮಗಾರಿ ಮುಗಿದಿದ್ದು, ದಿ.31.5.2023 ರವರೆಗೆ ನಿರ್ವಹಣಾ ಹಂತದಲ್ಲಿರುತ್ತದೆ



ಲೆಕ್ಕಕ್ಕೆ ಸಿಗದ ನೀರಿನ ಪ್ರಮಾಣವನ್ನು ಕಡಿತಗೊಳಿಸುವ (ಯು.ಎಫ್.ಡಬ್ಲ್ಯೂ) ಹೊಸ ಯೋಜನೆಗಳು (ಬಂಡವಾಳ ಕಾಮಗಾರಿ ಅಡಿಯಲ್ಲಿ 110 ಹಳ್ಳಿಗಳ ವಿಸ್ತಾರ ಯೋಜನಾ ವರದಿ ನೀರು ಸರಬರಾಜು ಮತ್ತು ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ಅಳವಡಿಸುವುದಕ್ಕೆ ಸರ್ಕಾರದ ಅನುದಾನದ ಅಡಿಯಲ್ಲಿ 2/3ನೇ ಭಾಗ ಮತ್ತು ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ ವತಿಯಿಂದ 1/3ನೇ ಭಾಗ)

ಕಾಮಗಾರಿಯ ಹೆಸರು	ಕಾಮಗಾರಿ ಮೊತ್ತ ರೂ ಕೋಟಿಗಳಲ್ಲಿ	ಕಾರ್ಯವ್ಯಾಪ್ತಿ ಪ್ರದೇಶ	ಷರಾ
ನೀರು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ಬೆಂಗಳೂರಿನ ಉತ್ತರ-2, ಉತ್ತರ-3, ಕೇಂದ್ರ-2, ಆಗ್ನೇಯ-2 ಉಪ ವಿಭಾಗಗಳು ವ್ಯಾಪ್ತಿಯ ಪ್ರದೇಶಗಳಾದ ಹೈಗ್ರಾಂಡ್ಸ್, ಕೋಲ್ಸ್ ಪಾರ್ಕ್, ಇಂದಿರಾನಗರ 2ನೇ ಹಂತ ಯಲಹಂಕ ಭೀಮಾನಗರ, ಹೆಚ್.ಎ.ಎಲ್ 2ನೇ ಹಂತ, ಯಲಹಂಕ ಓಲ್ಡ್ ಟೌನ್, ಬಿ.ಇ.ಎಲ್ ಲೇಔಟ್, ಹೆಚ್.ಎಂ.ಟಿ ಲೇಔಟ್ ಮತ್ತು ಸಹಕಾರನಗರ	203.00	22.0 ಚ.ಕಿ.ಮೀ	ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ.
ಬುಲ್ ಟೆಂಪಲ್ ರಸ್ತೆಯ ನೆಲಮಟ್ಟದ ಜಲಾಶಯದ ಪುನಃ ನಿರ್ಮಾಣ ಮತ್ತು ಪುನಶ್ಚೇತನ	4.63	--	ಕಾಮಗಾರಿಯು ಮುಕ್ತಾಯಗೊಂಡಿದ್ದು, ವಾಟರ್ ಟೈಟ್‌ನೆಸ್ ಪರೀಕ್ಷೆಯು ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ.
ಸುಮ್ಮನಹಳ್ಳಿ ಜಂಕ್ಷನ್ ನಿಂದ ಒ.ಎಚ್.ಟಿ. ವಿಜಯನಗರದವರೆಗೆ 600ಮಿ.ಮೀ ವ್ಯಾಸದ ಮೃದು ಉಕ್ಕಿನ ಕೊಳವೆಗಳನ್ನು ಬದಲಾಯಿಸುವ ಕಾಮಗಾರಿ	2.01	1.80 ಕಿ.ಮೀ	ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ.
OMBR ಜಲಗಾರದಿಂದ IOCL ಜಂಕ್ಷನ್‌ವರೆಗೆ 600ಮಿ.ಮೀ ವ್ಯಾಸದ ಮೃದು ಉಕ್ಕಿನ ಕೊಳವೆಗಳನ್ನು ಬದಲಾಯಿಸುವ ಕಾಮಗಾರಿ	2.99	2.50 ಕಿ.ಮೀ	ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ.
ಸಿಜೆಎಫ್, ಮಲ್ಲೇಶ್ವರಂ ನಲ್ಲಿ 25 ಎಂ.ಎಲ್. ಸಾಮರ್ಥ್ಯದ ಹೊಸದಾದ ಟೂ ಟೈರ್ ಆರ್.ಸಿ.ಸಿ. ಜಲಗಾರವನ್ನು ನಿರ್ಮಿಸುವ ಕಾಮಗಾರಿ	26.5	--	ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿರುತ್ತದೆ.

ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂಶಕರು
ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ

CHIEF ENGINEER(WWM-110V)

**Underground Drainage Work progress under Dasarahalli
110 Villages at Shettihalli Village**





ಮುಖ್ಯ ಅಭಿಯಂತರರು(ತ್ಯಾಲೀನಿ -110ಹ)
ಮುಖ್ಯ ಅಭಿಯಂತರರು(ತ್ಯಾಲೀನಿ-110ಹ) ವಲಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ ವಾರ್ಷಿಕ ವರದಿಯ
ವಿವರಗಳು

110 ಹಳ್ಳಿಗಳಿಗೆ ಕುಡಿಯುವ ನೀರಿನ ವ್ಯವಸ್ಥೆ ಕಲ್ಪಿಸುವ ಯೋಜನೆ:

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಗೆ ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಯಾಗಿರುವ 110 ಹಳ್ಳಿಗಳ ಕುಡಿಯುವ ನೀರಿನ ಯೋಜನೆ ಮತ್ತು ಲೆಕ್ಕಕ್ಕೆ ಸಿಗದ ನೀರಿನ ನಿಯಂತ್ರಣ ಯೋಜನೆಯನ್ನು ರೂ. 1500 ಕೋಟಿ ವೆಚ್ಚದಲ್ಲಿ ಕೈಗೆತ್ತಿಕೊಳ್ಳಲು ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಅನುಮೋದನೆಯನ್ನು ನೀಡಿರುತ್ತದೆ.

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಗೆ ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಯಾಗಿರುವ 110 ಹಳ್ಳಿಗಳ ಕುಡಿಯುವ ನೀರಿನ ಯೋಜನೆಯ (225 ಚಕಿಮೀ) ಕಾಮಗಾರಿಗಳನ್ನು ಬೊಮ್ಮನಹಳ್ಳಿ, ಆರ್.ಆರ್.ನಗರ, ದಾಸರಹಳ್ಳಿ, ಬ್ಯಾಟರಾಯನಪುರ ಮತ್ತು ಮಹದೇವಪುರ ಎಂದು 5 ವಲಯಗಳಾಗಿ ವಿಂಗಡಿಸಿ ದರಖಾಸ್ತು ಪ್ರಕ್ರಿಯೆಯ ಮೂಲಕ ಒಟ್ಟು ರೂ. 982.77 ಕೋಟಿಗಳಿಗೆ ನೀಡಲಾಗಿದ್ದು, ಕಾಮಗಾರಿಯನ್ನು ಮೇ 2017ರಲ್ಲಿ ಪ್ರಾರಂಭಿಸಿ ಮೇ 2020ರಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ. ಒಟ್ಟಾರೆ ಮಾರ್ಚ್ 2020ರ ಅಂತ್ಯಕ್ಕೆ 2773 ಕಿಮೀಗಳಲ್ಲಿ 2659.96 ಕಿಮೀನಷ್ಟು ಭೌತಿಕ ಪ್ರಗತಿ ಹಾಗೂ 1048.25 ಕೋಟಿಗಳಷ್ಟು ಆರ್ಥಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ.

ಮೇಲ್ಮಟ್ಟದ (OHT) ಹಾಗೂ ನೆಲಮಟ್ಟದ (GLR) ಜಲಸಂಗ್ರಹಗಾರದ ನಿರ್ಮಾಣದ ಕಾಮಗಾರಿಗಳನ್ನು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಗೆ ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಯಾಗಿರುವ 110 ಗ್ರಾಮಗಳ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ರೂ. 94.29 ಕೋಟಿಗಳ ವೆಚ್ಚದಲ್ಲಿ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೆತ್ತಿಕೊಂಡಿದ್ದು, ನವೆಂಬರ್ 2020ಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ.

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆಗೆ ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಯಾದ 110 ಹಳ್ಳಿಗಳ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಗೊಟ್ಟಿಗೆರೆಯಲ್ಲಿ 50 ಎಂಎಲ್ ಸಾಮರ್ಥ್ಯದ ನೆಲ ಮಟ್ಟದ ಜಲಾಗಾರವನ್ನು ಮತ್ತು ಜಂಬೂ ಸವಾರಿ ಗುಡ್ಡದಲ್ಲಿರುವ ನೆಲ ಮಟ್ಟದ ಜಲಾಗಾರ ಆವರಣದಲ್ಲಿ ಪಂಪಿಂಗ್ ಮತ್ತು ಇತರೆ ವ್ಯವಸ್ಥೆಗಳನ್ನು ಒದಗಿಸುವ ಕಾಮಗಾರಿಯನ್ನು ರೂ. 73.44 ಕೋಟಿಗಳ ವೆಚ್ಚದಲ್ಲಿ ಕೈಗೆತ್ತಿಕೊಂಡಿದ್ದು, ಡಿಸೆಂಬರ್ 2020ಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ.

ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯು ನೀರು ಸರಬರಾಜು ವ್ಯವಸ್ಥೆಯನ್ನು ಉತ್ತಮಗೊಳಿಸುವ ಕಾಮಗಾರಿ, ಲೆಕ್ಕಕ್ಕೆ ಸಿಗದ ನೀರನ್ನು ಕಡಿಮೆಗೊಳಿಸುವ ಯೋಜನೆಯನ್ನು ಹಾಗೂ ನೀರು



ಸೋರಿಕೆಯನ್ನು ನಿಯಂತ್ರಿಸುವ ಕಾಮಗಾರಿಯನ್ನು N2, N3, C2 & SE2 ಉಪವಿಭಾಗದ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ರೂ.203 ಕೋಟಿಗಳ ವೆಚ್ಚದಲ್ಲಿ ಕೈಗೆತ್ತಿಕೊಂಡಿದ್ದು, ಮಾರ್ಚ್ 2021ಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ.

ಮಲ್ಲೇಶ್ವರನಲ್ಲಿರುವ ಸಿಜೆಎಫ್‌ನಲ್ಲಿ 25 ಎಂಎಲ್ ಸಾಮರ್ಥ್ಯದ ಹೊಸ ಎರಡು ಹಂತಸ್ತಿನ ಆರ್‌ಸಿಸಿ ನೆಲ ಮಟ್ಟದ ಜಲ ಸಂಗ್ರಹಾಗಾರವನ್ನು ನಿರ್ಮಿಸುವ ಕಾಮಗಾರಿಯನ್ನು ರೂ.24.02 ಕೋಟಿಗಳ ವೆಚ್ಚದಲ್ಲಿ ಕೈಗೆತ್ತಿಕೊಳ್ಳಲಾಗಿದ್ದು, ಸೆಪ್ಟೆಂಬರ್ 2021ಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ.

110 ಹಳ್ಳಿಗಳಿಗೆ ಒಳಚರಂಡಿ (ಲ್ಯಾಟರಲ್) ವ್ಯವಸ್ಥೆ ಕಲ್ಪಿಸುವ ಯೋಜನೆ:

ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆಗೆ ಸೇರಿರುವ 110 ಹಳ್ಳಿಗಳಿಗೆ ರೂ. 1000 ಕೋಟಿ ಅಂದಾಜು ವೆಚ್ಚದ ಒಳಚರಂಡಿ (ಲ್ಯಾಟರಲ್) ಕಲ್ಪಿಸುವ ಯೋಜನೆಗೆ ತನ್ನ ಆದೇಶ ಸಂಖ್ಯೆ. ನಅಇ 174 ಎಂಎನ್‌ಐ 2017 ಬೆಂಗಳೂರು ದಿನಾಂಕ: 07.11.2017 ರಲ್ಲಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಯನ್ನು ನೀಡಿರುತ್ತದೆ.

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ವ್ಯಾಪ್ತಿಗೆ ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಯಾಗಿರುವ 110 ಹಳ್ಳಿಗಳಿಗೆ ಒಳಚರಂಡಿ (ಲ್ಯಾಟರಲ್) ಕಲ್ಪಿಸುವ (225 ಚಕಿಮೀ) ಯೋಜನೆಯ ಕಾಮಗಾರಿಗಳನ್ನು ಬ್ಯಾಟರಾಯನಪುರ & ಮಹದೇವಪುರ, ಆರ್.ಆರ್. ನಗರ & ದಾಸರಹಳ್ಳಿ ಹಾಗೂ ಬೊಮ್ಮನಹಳ್ಳಿ ಎಂದು 3 ವಲಯಗಳಾಗಿ ವಿಂಗಡಿಸಿ ದರಖಾಸ್ತು ಪ್ರಕ್ರಿಯೆ ಮೂಲಕ ಮಾರ್ಚ್ 2018ರಲ್ಲಿ ಒಟ್ಟು ರೂ. 925.06 ಕೋಟಿಗಳಿಗೆ ಗುತ್ತಿಗೆದಾರರಿಗೆ ವಹಿಸಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ಮಾರ್ಚ್ 2018 ಪ್ರಾರಂಭಿಸಲಾಗಿದ್ದು, ಮಾರ್ಚ್ 2021ರ ಅಂತ್ಯಕ್ಕೆ ಪೂರ್ಣಗೊಳಿಸಲು ಯೋಜಿಸಲಾಗಿದೆ. ಒಟ್ಟಾರೆ ಮಾರ್ಚ್ 2020ರ ಅಂತ್ಯಕ್ಕೆ 1568 ಕಿಮೀಗಳಲ್ಲಿ 875 ಕಿಮೀನಷ್ಟು ಭೌತಿಕ ಪ್ರಗತಿ ಹಾಗೂ ರೂ. 326.86 ಕೋಟಿಗಳಷ್ಟು ಆರ್ಥಿಕ ಪ್ರಗತಿಯಾಗಿರುತ್ತದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಡ್ರಾಫ್ಟಿಂಗ್-110ಹ)
ಬೆಂಗಳೂರು ಜಲಮಂಡಲ

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ತ್ಯಾಜ್ಯ ನೀರು ನಿರ್ವಹಣೆ)ಮುಖ್ಯ ಅಭಿಯಂತರರು (ತ್ಯಾಜ್ಯ ನೀರು ನಿರ್ವಹಣೆ) ವಲಯದ 2019-20 ನೇ ಸಾಲಿನವಾರ್ಷಿಕ ವರದಿ.

ಬೆಂಗಳೂರು ನಗರದ ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ 800 ಚದರ ಕಿಲೋಮೀಟರ್ ಇದ್ದು ಇದರಲ್ಲಿ ಕೇಂದ್ರ ಭಾಗದ ವಿಸ್ತೀರ್ಣ 245 ಚದರ ಕಿಲೋಮೀಟರ್‌ನಷ್ಟು, ಹಿಂದಿನ ನಗರಸಭೆ / ಪುರಸಭೆ ಭಾಗದ ವಿಸ್ತೀರ್ಣ 330 ಚದರ ಕಿಲೋಮೀಟರ್‌ನಷ್ಟು ಹಾಗೂ 110 ಹಳ್ಳಿಗಳ ಭಾಗದ ವಿಸ್ತೀರ್ಣ 225 ಚದರ ಕಿಲೋಮೀಟರ್‌ನಷ್ಟಿದೆ. ಜಲಮಂಡಳಿಯ ಮೂಲ ಉದ್ದೇಶ ನಗರ ವ್ಯಾಪ್ತಿ ಪ್ರದೇಶಕ್ಕೆ ಕುಡಿಯುವ ನೀರು ಸರಬರಾಜು ಮಾಡುವುದು ಹಾಗೂ ಉತ್ಪತ್ತಿಯಾಗುವ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಶೇಖರಿಸಿ ಮುಂದೆ ಸಾಗಿಸಿ ಸಂಸ್ಕರಣೆಗೊಳಿಸುವುದು. ನಗರದಲ್ಲಿ ಬಹಳಷ್ಟು ಕುಡಿಯುವ ನೀರಿನ ಯೋಜನೆಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲಾಗಿದೆ. ನಗರದಲ್ಲಿ ಉತ್ಪತ್ತಿಯಾಗುವ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಸಂಸ್ಕರಣೆಗೊಳಿಸಲು ಸ್ಥಾಪಿಸಲಾಗಿರುವ ಘಟಕಗಳಿಗೆ ಸಾಗಿಸಲು ಸುಮಾರು 6995 ಕಿ.ಮಿ. ಉದ್ದದ ಸಣ್ಣ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆಮಾರ್ಗಗಳನ್ನು ಮತ್ತು 720 ಕಿ.ಮಿ. ಉದ್ದದ ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆಮಾರ್ಗಗಳನ್ನು ಹಂತ ಹಂತವಾಗಿ ಅಳವಡಿಸಲಾಗಿದೆ.

ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಕೊಳವೆ ಮಾರ್ಗಗಳನ್ನು ಸುಮಾರು 40 ರಿಂದ 50 ವರ್ಷಗಳ ಹಿಂದೆ ಅಳವಡಿಸಲಾಗಿದೆ. ಈ ರೀತಿ ಅಳವಡಿಸಿದ ಒಳಚರಂಡಿ ಮಾರ್ಗವು ಹಳೆಯದಾಗಿರುವುದರಿಂದ, ಕೆಲವು ಕಡೆ ಕೊಳವೆ ಮಾರ್ಗಗಳ ಒತ್ತುವರಿಯಾಗಿರುವುದರಿಂದ, ಕೆಲವು ಕಡೆ ಕೊಳವೆಮಾರ್ಗಗಳು ಶಿಥಿಲಗೊಂಡಿರುವುದರಿಂದ, ಕೆಲವು ಕಡೆ ಕೊಳವೆ ಮಾರ್ಗಗಳ ದುರುಪಯೋಗದಿಂದ, ಕೆಲವು ಕಡೆ ಮಳೆ ನೀರಿನ ಕಾಲುವೆಗಳ ಅಕ್ಕಪಕ್ಕದಲ್ಲಿ ಕಟ್ಟಿರುವ ಮನೆಗಳಿಂದ ನೇರವಾಗಿ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಮಳೆ ನೀರಿನ ಕಾಲುವೆಗಳಲ್ಲಿ ಬಿಡುತ್ತಿರುವುದರಿಂದ, ಕೆಲವು ಕಡೆ ಅಪಾರ್ಟ್‌ಮೆಂಟ್ಸ್ ಮತ್ತು ವಸತಿ ಗೃಹಗಳಿಂದ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ನೇರವಾಗಿ ಹೊರ ಬಿಡುತ್ತಿರುವುದರಿಂದ, ಕೆಲವು ಹೊಸ ಬಡಾವಣೆಗಳಿಂದ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ನೇರವಾಗಿ ಮಳೆ ನೀರಿನ ಕಾಲುವೆಗಳಲ್ಲಿ ಹರಿಯ ಬಿಡುತ್ತಿರುವುದರಿಂದ ಇತ್ಯಾದಿ ಕಾರಣಗಳಿಂದ ಮಳೆ ನೀರಿನ ಕಾಲುವೆಗಳಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಹರಿಯುತ್ತಿದ್ದು, ಈ ನೀರು ಕೆಳದಂಡೆಯಲ್ಲಿರುವ ಕೆರೆಗಳನ್ನು ಸೇರುತ್ತಿದ್ದು ಈ ನೀರಿನಿಂದ ಕೆರೆಗಳು ಕಲುಷಿತಗೊಳ್ಳುತ್ತಲಿವೆ. ಇದನ್ನು ತಡೆಯಲು ಸಣ್ಣ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆ ಮಾರ್ಗಗಳು ಮನೆಗಳ ಮುಂದೆ ಅಳವಡಿಸಲಾಗಿದ್ದು, ಅವುಗಳನ್ನು ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಕೊಳವೆ ಮಾರ್ಗಗಳಿಗೆ ಜೋಡಿಸಲಾಗಿದೆ. ಸದರಿ ಸಣ್ಣ ವ್ಯಾಸದ ಕೊಳವೆ ಮಾರ್ಗಗಳ ಕಾಮಗಾರಿಗಳನ್ನು ಮಂಡಲಿಯ ಹಣಕಾಸಿನ ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಆದರೆ ದೊಡ್ಡ ವ್ಯಾಸದ ಕೊಳವೆ ಮಾರ್ಗಗಳಲ್ಲಿ ತೊಂದರೆಗಳು ಹೆಚ್ಚಾಗಿರುವ ಕಾರಣ ಇಂತಹ ಕೊಳವೆ ಮಾರ್ಗಗಳ ಪುನರುಜ್ಜೀವನ ಕಾಮಗಾರಿಗಳಿಗೆ ಬಹಳಷ್ಟು ಹಣಕಾಸು ಬೇಕಾಗುವುದರಿಂದ ಈ ಯೋಜನೆಗಳನ್ನು ಸರ್ಕಾರದಿಂದ ಮತ್ತು ಇತರೆ ಹಣಕಾಸು ಸಂಸ್ಥೆಗಳಿಂದ ಅನುದಾನ / ಸಾಲವನ್ನು ಪಡೆದು ಕೈಗೊಳ್ಳಲಾಗುತ್ತಿದೆ.



ಮಳೆ ನೀರಿನ ಕಾಲುವೆಗಳಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಹರಿಯುವುದನ್ನು ತಪ್ಪಿಸಲು ಜಲಮಂಡಲಿಯು ಈ ಕೆಳಗಿನ ಯೋಜನೆಗಳನ್ನು ಕೈಗೊಂಡಿರುತ್ತದೆ.

ಪರಿಸರ ಕ್ರಿಯಾ ಯೋಜನೆ (ಇ ಎ ಪಿ) - ಎ:

ಈ ಯೋಜನೆಯನ್ನು 2001ರಲ್ಲಿ ಪ್ರಾರಂಭಿಸಲಾಗಿತ್ತು. ಸದರಿ ಯೋಜನೆಯಲ್ಲಿ 33 ಕಿ.ಮಿ. ಉದ್ದದ ಹಾಲಿ ಇದ್ದ ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ಬದಲಾಯಿಸಲಾಗಿದೆ / ಪುರುಜ್ಜೀವನಗೊಳಿಸಲಾಗಿದೆ. ಸದರಿ ಯೋಜನೆಯನ್ನು ಸಂಪೂರ್ಣಗೊಳಿಸಿದ ನಂತರ ದಿನಂಪ್ರತಿ ಸುಮಾರು 40 ದಶ ಲಕ್ಷ ಲೀಟರ್‌ನಷ್ಟು ತ್ಯಾಜ್ಯ ನೀರು ಹೆಚ್ಚುವರಿಯಾಗಿ ಸಂಸ್ಕರಣ ಘಟಕಗಳಿಗೆ ಹರಿದು ಬರುತ್ತಿದೆ. ಇದರಿಂದಾಗಿ ಅಷ್ಟು ಪ್ರಮಾಣದ ತ್ಯಾಜ್ಯ ನೀರು ಮಳೆ ನೀರಿನ ಕಾಲುವೆಯಲ್ಲಿ ಹರಿದು ಹೋಗುತ್ತಿದ್ದುದನ್ನು ತಪ್ಪಿಸಲಾಗಿದೆ.

ಹೆಬ್ಬಾಳದ ಕಣಿವೆ ಯೋಜನೆ:

ಈ ಯೋಜನೆಯಲ್ಲಿ ಸುಮಾರು 18 ಕಿ.ಮಿ. ಉದ್ದದ ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು 45 ಕೋಟಿ ವೆಚ್ಚದಲ್ಲಿ ಬದಲಾಯಿಸಲಾಗಿದೆ / ಪುರುಜ್ಜೀವನಗೊಳಿಸಲಾಗಿದೆ. ಈ ಯೋಜನೆಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಿದ ನಂತರ ಹೆಬ್ಬಾಳ ಮತ್ತು ನಾಗವಾರ ಕೆರೆಗೆ ತ್ಯಾಜ್ಯ ನೀರು ನೇರವಾಗಿ ಹರಿಯುವುದನ್ನು ತಪ್ಪಿಸಲಾಗಿದೆ. ಮುಂದುವರೆದಂತೆ ಹೆಬ್ಬಾಳ ತ್ಯಾಜ್ಯ ನೀರಿನ ಸಂಸ್ಕರಣ ಘಟಕವು ಪೂರ್ಣ ಸಾಮರ್ಥ್ಯದಲ್ಲಿ ಕಾರ್ಯನಿರ್ವಹಿಸುತ್ತಿದೆ. ಈ ಯೋಜನೆಯಿಂದಾಗಿ ದಿನಂಪ್ರತಿ ಸುಮಾರು 40 ದಶ ಲಕ್ಷ ಲೀಟರ್ ತ್ಯಾಜ್ಯ ನೀರು ಮಳೆ ನೀರಿನ ಕಾಲುವೆಯಲ್ಲಿ ಹರಿದು ಕೆರೆಗಳನ್ನು ಸೇರುತ್ತಿರುವುದನ್ನು ತಪ್ಪಿಸಲಾಗಿದೆ.

ಪರಿಸರಕ್ರಿಯಾಯೋಜನೆ - ಬಿ:

ಈ ಯೋಜನೆಯಲ್ಲಿ ಸುಮಾರು 70 ಕಿ.ಮಿ. ಉದ್ದದ ಹೆಚ್ಚಿನ ವ್ಯಾಸದ ಒಳಚರಂಡಿ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ರೂ.495 ಕೋಟಿ ವೆಚ್ಚದಲ್ಲಿ ಬದಲಾಯಿಸಲಾಗುತ್ತಿದೆ / ಪುರುಜ್ಜೀವನಗೊಳಿಸುವ ಕಾಮಗಾರಿಗಳನ್ನು 2019ರ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಗಳಿಂದ ಸುಮಾರು ದಿನಂಪ್ರತಿ 150 ದಶ ಲಕ್ಷ ಲೀಟರ್ ತ್ಯಾಜ್ಯ ನೀರು ಶುದ್ಧೀಕರಣ ಘಟಕಗಳಿಗೆ ಹರಿಸಲಾಗುತ್ತಿದೆ.

ತ್ಯಾಜ್ಯ ನೀರು ಶುದ್ಧೀಕರಣ ಘಟಕಗಳು

ಜಲಮಂಡಲಿಯು ಈಗ ನಿರ್ವಹಿಸುತ್ತಿರುವ ತ್ಯಾಜ್ಯ ನೀರು ಶುದ್ಧೀಕರಣ ಘಟಕಗಳ ವಿವರ ಈ ಕೆಳಕಂಡಂತಿದೆ.

ಕ್ರಮ ಸಂಖ್ಯೆ	ಸಂಸ್ಕರಣಘಟಕದ ಸ್ಥಳ	ಸಂಸ್ಕರಣಘಟಕದ ಸಾಮರ್ಥ್ಯ ದಿನಂಪ್ರತಿದಶ ಲಕ್ಷ ಲೀಟರ್‌ಗಳಲ್ಲಿ
1	ವೃಷಭಾವತಿ ಕಣಿವೆ	180
2	ಕೋರಮಂಗಲ ಮತ್ತು ಚಲ್ಲಘಟ್ಟ ಕಣಿವೆ	248
3	ಹೆಬ್ಬಾಳ	60



4	ಮಲ್ಲತಹಳ್ಳಿ	5
5	ಕೆಂಪಾಂಭುದಿ	1
6	ಯಲಹಂಕ	10
7	ಮೈಲಸಂದ್ರ	75
8	ನಾಗಸಂದ್ರ	20
9	ಜಕ್ಕೂರು	10
10	ಕೆ. ಆರ್. ಪುರಂ	20
11	ಕಾಡಬೀಸನ ಹಳ್ಳಿ	50
12	ರಾಜಾ ಕೆನಾಲ್	40
13	ಕಬ್ಬನ್ ಪಾರ್ಕ್	4
14	ಲಾಲ್ ಬಾಗ್	1.5
15	ಕೋರಮಂಗಲ ಮತ್ತು ಚಲ್ಲಘಟ್ಟ ಕಣಿವೆ	60
16	ರಾಜಾ ಕೆನಾಲ್	40
17	ನಾಗಸಂದ್ರ	20
18	ಚಿಕ್ಕ ಬಾಣಾವರ	5
19	ಕಾಡುಗೋಡಿ	6
20	ಬೆಳ್ಳಂದೂರು ಅಮಾನಿಕೆರೆ	90
21	ಹೊರಮಾವು ಅಗರ	20
22	ದೊಡ್ಡಬೆಲೆ	20
23	ಎಲೆ ಮಲ್ಲಪ್ಪ ಚೆಟ್ಟಿ ಕೆರೆ	15
24	ಕೆಂಗೇರಿ	60
25	ಹಲಸೂರು	2
26	ದೊಡ್ಡ ಬೆಲೆ	40
27	ಸಾರಕ್ಕಿ	05
ಒಟ್ಟು		1112.50

ಮೆಗಾಪಿಟಿ ರಿವಾಲ್ವಿಂಗ್ ನಿಧಿಯಡಿಯ ಕಾಮಗಾರಿಗಳು

- ವೃಷಭಾವತಿ ಕಣಿವೆಯ ಬಳಿ 150 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 470.93 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯು ಪ್ರಗತಿಯಲ್ಲಿದ್ದು 2020 ರ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ಕೋರಮಂಗಲ ಮತ್ತು ಚಲ್ಲಘಟ್ಟ ಕಣಿವೆಯ ಬಳಿ 150 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 297.37 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿ ಪ್ರಗತಿಯಲ್ಲಿದ್ದು ಕಾಮಗಾರಿಯನ್ನು ಸೆಪ್ಟೆಂಬರ್ 2020 ರೊಳಗೆ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.



- ಹೆಬ್ಬಾಳ ಬಳಿ 100 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 360.77 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯು ಸಹ ಪ್ರಗತಿಯಲ್ಲಿದ್ದು 2020 ರ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ದೊಡ್ಡಬೆಲೆ ಬಳಿ 40 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 73.93 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ನವೆಂಬರ್ 2019ರಲ್ಲಿ ಪೂರ್ಣಮಾಡಿ ಕಾರ್ಯಚಾಲನೆ ಮಾಡಲಾಗಿದೆ.

ಅಮೃತ್ ಯೋಜನೆಯ ಕಾಮಗಾರಿಗಳು:-

- ಮೈಸೂರು ರಸ್ತೆ ರಂಗನಾಥ ಕಾಲೋನಿಯಿಂದ ವೃಷಭಾವತಿ ತ್ಯಾಜ್ಯ ನೀರಿನ ಘಟಕದವರೆಗೂ ತ್ಯಾಜ್ಯ ನೀರು ಸಾಗಿಸುವ 1.60 ಕಿ.ಮೀ ಉದ್ದದ ಹಳೆಯ ಕೊಳವೆ ಮಾರ್ಗವನ್ನು ಹೆಚ್ಚಿನ ಗಾತ್ರಕ್ಕೆ ಬದಲಾಯಿಸುವ ಕಾಮಗಾರಿಯನ್ನು 52.45 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಂಡು ಪೂರ್ಣಮಾಡಲಾಗಿದೆ.
- ವೃಷಭಾವತಿ ಕಣಿವೆಯಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಸಾಗಿಸುವ 90 ಕಿ.ಮೀ ಉದ್ದದ ಕೊಳವೆ ಮಾರ್ಗಗಳನ್ನು ಅಳವಡಿಸುವ ಪರಿಸರ ಕ್ರಿಯಾ ಯೋಜನೆ - ಸಿ ಕಾಮಗಾರಿಗಳನ್ನು 386.40 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಗಳನ್ನು 2020 ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣ ಮಾಡಲಾಗುವುದು.
- ಕೋರಮಂಗಲ ಕ್ರೀಡಾ ಸಂಕೀರ್ಣದ ಬಳಿ 210 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರಿನ ರೇಚಕ ಯಂತ್ರಗಳ ಸ್ಥಾವರ (I.S.P.S) ಮತ್ತು ಈ ಸ್ಥಾವರದಿಂದ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಕೋರಮಂಗಲ ಮತ್ತು ಚಲ್ಲಘಟ್ಟ ಕಣಿವೆಯಲ್ಲಿರುವ ಸಂಸ್ಕರಣ ಘಟಕಕ್ಕೆ ಸಾಗಿಸುವ ಕೊಳವೆಮಾರ್ಗ (ರೈಸಿಂಗ್ ಮೈನ್) ಈ ಕಾಮಗಾರಿಗಳನ್ನು 104 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಗಳನ್ನು 2020ರ ಮಧ್ಯ ಭಾಗದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ಸಾರಕ್ಕಿ ಕೆರೆಯ ಬಳಿ ದಿನಂಪ್ರತಿ 5 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 14.49 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ನವೆಂಬರ್ 2019ರಲ್ಲಿ ಪೂರ್ಣಮಾಡಿ ಕಾರ್ಯಚಾಲನೆ ಮಾಡಲಾಗಿದೆ.



- ಚಿಕ್ಕ ಬೇಗೂರು ಕೆರೆಯ ಬಳಿ ದಿನಂಪ್ರತಿ 5 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 13.89 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು 2020ರ ಮಧ್ಯಭಾಗದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ಹುಳಿಮಾವು ಕೆರೆಯ ಬಳಿ ದಿನಂಪ್ರತಿ 10 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 20.25 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ಮಾರ್ಚ್ 2020ರಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗಿದೆ.
- ಅಗರಂ ಕೆರೆಯ ಬಳಿ ದಿನಂಪ್ರತಿ 35 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು 53.63 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ಮಾರ್ಚ್ 2020 ರಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗಿದೆ.
- ಕೆ.ಆರ್.ಪುರಂ ಬಳಿ ದಿನಂಪ್ರತಿ 20 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು ಅಮ್ಮತ್ ಯೋಜನೆಯಡಿಯಲ್ಲಿ 28.39 ಕೋಟಿ ರೂಗಳ ಮೊತ್ತದಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು 2020ರ ಮಧ್ಯಭಾಗದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.

ಇತರೆ ಕಾಮಗಾರಿಗಳು

- ಯಲಹಂಕ ಬಳಿಯಲ್ಲಿರುವ ಪುಟ್ಟೇನ ಹಳ್ಳಿಯಲ್ಲಿ ರೂ.24.51 ಕೋಟಿ ಮೊತ್ತದಲ್ಲಿ ದಿನಂಪ್ರತಿ 7 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತಾಜ್ಯನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿರವರ ಅನುದಾನ ಪಡೆದು ನಿರ್ಮಿಸಲಾಗುವುದು. ಈ ಕಾಮಗಾರಿಯನ್ನು 2021 ರ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ಕಗ್ಗದಾಸಪುರ ಕೆರೆಯ ಬಳಿ ರೂ.17.90 ಕೋಟಿ ಮೊತ್ತದಲ್ಲಿ ದಿನಂಪ್ರತಿ 5 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತಾಜ್ಯನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿರವರ ಅನುದಾನ ಪಡೆದು ನಿರ್ಮಿಸಲಾಗುವುದು. ಈ ಕಾಮಗಾರಿಯನ್ನು 2021ರ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ಹೆಸರಘಟ್ಟದಲ್ಲಿ ರೂ. 11.99 ಕೋಟಿ ಮೊತ್ತದಲ್ಲಿ ದಿನಂಪ್ರತಿ 3 ದಶಲಕ್ಷ ಲೀಟರ್ ಸಾಮರ್ಥ್ಯದ ತಾಜ್ಯನೀರು ಸಂಸ್ಕರಣ ಘಟಕವನ್ನು ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅನುದಾನದಡಿಯಲ್ಲಿ ಕೈಗೊಂಡಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು 2021ರ ಮಧ್ಯಭಾಗದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.



- ಬೆಳ್ಳಂದೂರು ಅಮಾನಿಕೆರೆಯ ಬಳಿ ರೂ. 15.99 ಕೋಟಿ ಮೊತ್ತದಲ್ಲಿ 32.5 ದಶಲಕ್ಷ ಲೀಟರ್ ದಿನಂಪ್ರತಿ ಸಾಮರ್ಥ್ಯದ ತ್ಯಾಜ್ಯ ನೀರಿನ ವೆಟ್‌ವೆಲ್ ಹಾಗೂ ರೇಚಕಯಂತ್ರ ಹಾಗೂ ಕೊಳವೆ ಮಾರ್ಗ ಅಳವಡಿಸುವ ಕಾಮಗಾರಿಯನ್ನು ಮಂಡಳಿಯು ಕೈಗೊಂಡಿದೆ. ಈ ಕಾಮಗಾರಿಯನ್ನು ಮಾರ್ಚ್ 2021 ರಲ್ಲಿ ಪೂರ್ಣಮಾಡಲಾಗುವುದು.
- ನಗರದಲ್ಲಿರುವ ಮಳೆ ನೀರು ಕಾಲುವೆಗಳಿಗೆ ಒಳಚರಂಡಿ ನೀರು / ತ್ಯಾಜ್ಯ ನೀರು ಸೇರುವ 914 ಸ್ಥಳಗಳನ್ನು ಗುರುತಿಸಿದ್ದು ಇದನ್ನು ತಡೆಯಲು ರೂ. 100.00 ಕೋಟಿ ಅಂದಾಜು ಮೊತ್ತದಲ್ಲಿ 144 ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಗೊಳ್ಳಲಾಗಿದೆ ಹಾಗೂ ಈ ವರ್ಷದ ಅಂತ್ಯದಲ್ಲಿ ಪೂರ್ಣಮಾಡಲು ಯೋಜಿಸಲಾಗಿದೆ.

ಮುಖ್ಯ ಅಧೀಯಾಧಿಕಾರಿ (ತ್ಯಾಜ್ಯ)
ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿ

CHIEF ENGINEER (WWM)
35 MLD STP AT AGARAM – AMRUT Scheme





ಮುಖ್ಯ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಸ)

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಸ) ವಲಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದ 2019-20ನೇ ಸಾಲಿನ ವಾರ್ಷಿಕ ವರದಿ ಈ ಕೆಳಕಂಡಂತಿವೆ:

- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ನಿರ್ವಹಣೆ ವಲಯ, ಸಿ.ಎಂ.ಸಿ. ವಲಯ ಮತ್ತು 110 ಹಳ್ಳಿಗಳ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲಾ ವಿಭಾಗಗಳಿಗೆ ಹೊಸದಾಗಿ ನೀರಿನ ಸಂಪರ್ಕ ಕಲ್ಪಿಸಲು ಬೇಕಾಗಿರುವ ವಿವಿಧ ಗಾತ್ರದ ಜಲಮಾಪಕಗಳನ್ನು ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಮುಖೇನ ಖರೀದಿಸಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಕೇಂದ್ರ ಉಗ್ರಾಣ ಮತ್ತು ಕಟ್ಟಡ, ವಾಹನ ನಿರ್ವಹಣೆ) ವಿಭಾಗದ ಮೂಲಕ ಆಯಾ ವಿಭಾಗಗಳಿಗೆ ಅಗತ್ಯಕ್ಕೆ ತಕ್ಕಂತೆ ಒದಗಿಸಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಹೊರ ಘಟಕಗಳಾದ ತೊರೆಕಾಡನಹಳ್ಳಿ, ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಮತ್ತು ತಾತಗುಣಿಯ ನೀರು ಶುದ್ಧೀಕರಣ ಘಟಕಗಳಿಗೆ ಬೇಕಾಗಿರುವ ಅಲ್ಯೂಮಿನಿಯಮ್ ಸಲ್ಫೇಟ್, ಕ್ಲೋರಿನ್, ಪಾಲಿ ಅಲ್ಯೂಮಿನಿಯಮ್ ಕ್ಲೋರೈಡ್ ಪೌಡರ್ ಮತ್ತು ಸೋಡಿಯಮ್ ಹೈಪೋ ಕ್ಲೋರೈಟ್ ಅಂತಹ ಅಗತ್ಯ ರಾಸಾಯನಿಕಗಳನ್ನು ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಮುಖೇನ ಖರೀದಿಸಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಕೇಂದ್ರ ಉಗ್ರಾಣ ಮತ್ತು ಕಟ್ಟಡ, ವಾಹನ ನಿರ್ವಹಣೆ) ವಿಭಾಗದ ಮೂಲಕ ಆಯಾ ವಿಭಾಗಗಳಿಗೆ ಅಗತ್ಯಕ್ಕೆ ತಕ್ಕಂತೆ ಒದಗಿಸಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಗೆ ನಿರ್ವಹಣೆ ವಲಯ, ತ್ಯಾಜ್ಯ ನೀರು ನಿರ್ವಹಣೆ ವಲಯ, ಸಿ.ಎಂ.ಸಿ. ವಲಯ ಮತ್ತು 110 ಹಳ್ಳಿಗಳಡಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲಾ ವಿಭಾಗಗಳಿಗೆ ಬೇಕಾಗಿರುವ ಕಾಂಬಿನೇಷನ್ ಮೆಷಿನ್‌ಗಳು, ಸೀವರ್ ಹೋಸ್ ಪೈಪ್, ಡಿ.ಐ.ಪೈಪ್, ಜಿ.ಐ.ಪೈಪ್, ಡಿ.ಐ.ಸ್ಟೆಪ್‌ಡೌನ್, ಮ್ಯಾನ್ ಹೋಲ್ ರಿಂಗ್ & ಕವರ್ಸ್ ಮತ್ತು ಆಕ್ಸಿಜನ್ ಮಾಸ್ಕ್ ಮುಂತಾದ ಅಗತ್ಯ ಸಾಮಗ್ರಿ ಮತ್ತು ಸಲಕರಣೆಗಳನ್ನು ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಮುಖೇನ ಖರೀದಿಸಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಕೇಂದ್ರ ಉಗ್ರಾಣ ಮತ್ತು ಕಟ್ಟಡ, ವಾಹನ ನಿರ್ವಹಣೆ) ವಿಭಾಗದ ಮೂಲಕ ಆಯಾ ವಿಭಾಗಗಳಿಗೆ ಅಗತ್ಯಕ್ಕೆ ತಕ್ಕಂತೆ ಒದಗಿಸಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಸುಮಾರು 9278 ಬೋರ್‌ವೆಲ್‌ಗಳನ್ನು ಮತ್ತು ಎಲ್ಲಾ ಪಂಪ್ ಹೌಸ್‌ಗಳನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಪಂಪಿಂಗ್ ಸ್ಟೇಷನ್ ಮತ್ತು ಬೋರ್‌ವೆಲ್) ವಿಭಾಗದಡಿ ನಿರ್ವಹಣೆ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಎಲ್ಲಾ ರೂ.1.00ಲಕ್ಷ ಮೀರಿದ ಕಾಮಗಾರಿಗಳು/ಸಾಮಗ್ರಿ ಖರೀದಿಗಳಿಗೆ 3ನೇ ವ್ಯಕ್ತಿ ತಪಾಸಣೆ ಸಂಸ್ಥೆಗಳನ್ನು ನಿಯೋಜಿಸುವುದು ಮತ್ತು ವರದಿಗಳನ್ನು ಆಯಾ ವಿಭಾಗಗಳಿಗೆ ರವಾನಿಸುವುದನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಗುಣ ಆಶ್ವಾಸನೆ) ವಿಭಾಗದಡಿಯಲ್ಲಿ ನಿರ್ವಹಣೆ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯು ಸರಬರಾಜು ಮಾಡುತ್ತಿರುವ ನೀರಿನ ಗುಣಮಟ್ಟವನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ (ಗುಣ ಆಶ್ವಾಸನೆ) ವಿಭಾಗದಡಿಯಲ್ಲಿ ಬರುವ ಕೇಂದ್ರ ನೀರು



ತಪಾಸಣಾ ಪ್ರಯೋಗಾಲಯ, ಹೈಗ್ರೌಂಡ್ಸ್ ಹಾಗೂ ಜಯನಗರ ನೀರು ತಪಾಸಣಾ ಪ್ರಯೋಗಾಲಯ, ಜಯನಗರ ಇಲ್ಲಿ ನೀರಿನ ಪರೀಕ್ಷೆ ಮಾಡಿ ಮಾಸಿಕ ವರದಿಗಳನ್ನು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.

- ಇತ್ತೀಚೆಗೆ ನೀರಿನ ಗುಣಮಟ್ಟದ ಭರವಸೆ ಯೋಜನೆ (Water Quality Assurance Plan) ಅನ್ನು ತಯಾರಿಸಿದ್ದು ಯೋಜನೆಯಲ್ಲಿರುವ ಅಂಶಗಳನ್ನು ಅನುಸರಿಸಲಾಗುತ್ತಿದೆ. ಅದರನ್ವಯ ನೀರಿನ ಮಾದರಿಗಳ ಸಂಗ್ರಹಣೆ ಹಾಗೂ ಪರೀಕ್ಷೆಯನ್ನು ಸೇವಾತಾಣವಾರು ಹೆಚ್ಚಿಸಲಾಗಿದೆ ಹಾಗೂ ನೀರಿನ ಮಾದರಿಗಳನ್ನು ತಪಾಸಣಾ ಪ್ರಯೋಗಾಲಯಗಳ ಸಿಬ್ಬಂದಿಯವರೇ ಸಂಗ್ರಹಿಸುತ್ತಿದ್ದಾರೆ ಹಾಗೂ ದೂರುಗಳ ಮೇರೆಗೆ ಸೇವಾತಾಣಗಳ ಸಿಬ್ಬಂದಿಗಳು ನೀರಿನ ಮಾದರಿಗಳನ್ನು ಪ್ರಯೋಗಾಲಯಗಳಿಗೆ ನೀಡಿರುವ ಮಾದರಿಗಳನ್ನು ಪ್ರಯೋಗಾಲಯದಲ್ಲಿ ಪರೀಕ್ಷೆ ಮಾಡಿಕೊಡಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ಜಲಮಾಪನಗಳ ದುರಸ್ತಿಯನ್ನು ಜಲಮಾಪನ ತಪಾಸಣಾ ಪ್ರಯೋಗಾಲಯ, ಮಲ್ಲೇಶ್ವರಂನಲ್ಲಿ ನಿರ್ವಹಿಸಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ಈಗಾಗಲೇ ಅಸ್ತಿತ್ವದಲ್ಲಿರುವ ಕ್ಲೋರಿನ್ ಸ್ಥಾವರಗಳ ನಿರ್ವಹಣೆ ಹಾಗೂ ಹೊಸದಾಗಿ 7 ಸೇವಾತಾಣಗಳ ಕ್ಲೋರಿನ್ ಸ್ಥಾವರಗಳನ್ನು ಸ್ಥಾಪಿಸಿ ನಿರ್ವಹಣೆ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ವ್ಯಾಪ್ತಿಗೆ ಬರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿ ವಸತಿಗೃಹಗಳನ್ನು, ಕಛೇರಿ ಕಟ್ಟಡಗಳನ್ನು ಹಾಗೂ ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಅಧಿಕಾರಿಗಳಿಗೆ ನೀಡಿರುವ ಮಂಡಳಿಯ ವಾಹನಗಳನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಕೇಂದ್ರ ಉಗ್ರಾಣ ಮತ್ತು ಕಟ್ಟಡ, ವಾಹನ ನಿರ್ವಹಣೆ) ವಿಭಾಗದ ಮೂಲಕ ನಿರ್ವಹಣೆ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.
- ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯಲ್ಲಿ ಹೊಸ ಕಛೇರಿ ಕಟ್ಟಡಗಳು, ವಸತಿಗೃಹಗಳ ಕಟ್ಟಡ ಮುಂತಾದ ನಿರ್ಮಾಣ ಕಾಮಗಾರಿಗಳನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಕೇಂದ್ರ ಉಗ್ರಾಣ ಮತ್ತು ಕಟ್ಟಡ, ವಾಹನ ನಿರ್ವಹಣೆ) ವಿಭಾಗದಡಿಯಲ್ಲಿ ನಿರ್ವಹಣೆ ಮತ್ತು ಮೇಲ್ವಿಚಾರಣೆ ಮಾಡಲಾಗುತ್ತಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಸ)-ಸಿವಿಲ್ ವಿಭಾಗದಡಿಯಲ್ಲಿ ಬಿ.ಡಿ.ಎ., ಬಿ.ಎಂ.ಆರ್.ಅಇ.ಎಲ್. ಹಾಗೂ ಕೆ.ಎಚ್.ಬಿ ಇಲಾಖೆಗಳ ಠೇವಣಿ ಮತ್ತು ಕೊಡುಗೆ ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಗೊಳ್ಳಲಾಗುತ್ತಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಎಂ.ಐ.ಎಸ್.ಐ.ಟಿ) ವಿಭಾಗದಡಿಯಲ್ಲಿ ಜೆಟ್ಟಿಂಗ್ ಮೆಷಿನ್‌ಗಳು ಹಾಗೂ ವಾಟರ್ ಟ್ಯಾಂಕರ್‌ಗಳನ್ನು ಟ್ರಾಕ್ ಮಾಡಲು ಜಿ.ಪಿ.ಎಸ್. ಸಾಧನ ಅಳವಡಿಸಲಾಗಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಎಂ.ಐ.ಎಸ್.ಐ.ಟಿ) ವಿಭಾಗದಡಿಯಲ್ಲಿ ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಎಲ್ಲಾ ಸೇವಾತಾಣಗಳಲ್ಲಿ ಅಧಿಕಾರಿಗಳು / ಸಿಬ್ಬಂದಿಗಳ ಹಾಜರಾತಿಯನ್ನು



ಪಡೆಯಲು ಬಯೋಮೆಟ್ರಿಕ್ ಸಾಧನಗಳನ್ನು ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಮುಖೇನ ಖರೀದಿಸಿ ಸೇವಾತಾಣೆಗಳಲ್ಲಿ ಅಳವಡಿಸಲಾಗಿದೆ.

- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಎಂ.ಐ.ಎಸ್.ಐ.ಟಿ) ವಿಭಾಗದ ಮುಖಾಂತರ ನೀರಿನ ಗುಣಮಟ್ಟದ ಭರವಸೆ ಯೋಜನೆಯಡಿಯಲ್ಲಿ (Water Quality Assurance Plan) ಸಾರ್ವಜನಿಕರಿಗೆ ನೀರಿನ ಗುಣಮಟ್ಟವನ್ನು ತಿಳಿಯಲು ಮಂಡಳಿಯ ವೆಬ್‌ಸೈಟ್‌ನಲ್ಲಿ ಪ್ರದರ್ಶಿಸಲಾಗುತ್ತಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಎಂ.ಐ.ಎಸ್.ಐ.ಟಿ) ವಿಭಾಗದ ಮುಖಾಂತರ ಬಹುಮಹಡಿ ಕಟ್ಟಡಗಳಿಗೆ ಆನ್‌ಲೈನ್ ಮುಖಾಂತರವೇ ನಿರಪೇಕ್ಷಣಾ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ಪಡೆಯಲು ಹಾಗೂ ಸಂಸ್ಕರಿಸಿದ ತ್ಯಾಜ್ಯ ನೀರನ್ನು ಖರೀದಿಸಲು ವೆಬ್‌ಪೋರ್ಟಲ್‌ನ್ನು ಅಭಿವೃದ್ಧಿಪಡಿಸಿ ನಿರ್ವಹಿಸಲಾಗುತ್ತಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಆರ್.ಬಿ.ಐ.ಟಿ) ವಿಭಾಗದ ಮುಖಾಂತರ ಗ್ರಾಹಕರಿಗೆ ನೀರಿನ ಬಿಲ್ಲುಗಳನ್ನು ವಿತರಿಸುವ ಹೊಸ ಉಪಕರಣ ಟೆಂಡರ್ ಪ್ರಕ್ರಿಯೆ ಮುಖೇನ ಖರೀದಿಸಿ ಸೇವಾತಾಣೆಗಳಲ್ಲಿ ವಿತರಿಸಲಾಗಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಆರ್.ಬಿ.ಐ.ಟಿ) ವಿಭಾಗದ ಮುಖಾಂತರ ಜಿ.ಐ.ಎಸ್ ಸಿಸ್ಟಂನಲ್ಲಿ ಮಂಡಳಿಯಿಂದ ನಿರ್ವಹಿಸುವ ಎಲ್ಲಾ ಕಾಮಗಾರಿಗಳ ವಿವರಗಳನ್ನು ಅಪ್‌ಡೇಟ್ ಮಾಡಲಾಗುತ್ತಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ವಿನ್ಯಾಕ್)
ಬೆಂಗಳೂರು ಇಲಾಖೆ



ಮುಖ್ಯ ಆಡಳಿತಾಧಿಕಾರಿ ಹಾಗೂ ಕಾರ್ಯದರ್ಶಿ 2019 - 20ನೇ ಸಾಲಿನ ವಾರ್ಷಿಕ ವರದಿ

ಮುಖ್ಯ ಆಡಳಿತಾಧಿಕಾರಿ ಹಾಗೂ ಕಾರ್ಯದರ್ಶಿ ರವರಿಗೆ ಆಡಳಿತಾಧಿಕಾರಿ, ಸಿಬ್ಬಂದಿ ವ್ಯವಸ್ಥಾಪಕರು, ಕಾನೂನು ಅಧಿಕಾರಿ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಸಂಪರ್ಕಾಧಿಕಾರಿ ಇವರುಗಳು ದೈನಂದಿತ ಕೆಲಸಗಳಲ್ಲಿ ಸಹಕರಿಸುವರು. ಮು.ಆ.ಅ-ಕಾ ರವರು ಮಂಡಳಿಯ ಸಭೆಗಳನ್ನು ನಡೆಸುವುದಕ್ಕೆ ಸಿದ್ಧತೆ ಮಾಡುವುದು ಮತ್ತು ಇತರೆ ಸಮಿತಿಗಳು, ಸಭೆಗಳ ನಡೆವಳಿಯನ್ನು ತಯಾರಿಸುವುದು ಮತ್ತು ಇವುಗಳ ಪಾಲನೆಯನ್ನು ಗಮನಿಸುವುದು. ಇತರ ಅಧೀನದಲ್ಲಿ ವೈದ್ಯಾಧಿಕಾರಿ ಇರುವ ಚಿಕಿತ್ಸಾಲಯ ಮತ್ತು ಕಾನೂನು ಕೋಶವು ಸಹ ಇರುತ್ತದೆ. ಒಳರೋಗಿಯಾಗಿ ಹೈಟೆಕ್ ಮತ್ತು ಇತರೆ ಆಸ್ಪತ್ರೆಗಳಲ್ಲಿ ಶುಶ್ರೂಷೆ ಪಡೆದು ಮಂಡಳಿ ನೌಕರರ ವೈದ್ಯಕೀಯ ವೆಚ್ಚಗಳನ್ನು ನೇರವಾಗಿ ಪಾವತಿಸುವ ಹಾಗೂ ಕಾಲಕಾಲಕ್ಕೆ ವೈದ್ಯಕೀಯ ಶಿಬಿರಗಳನ್ನು ಏರ್ಪಡಿಸಿ ನೌಕರರ ಆರೋಗ್ಯ ತಪಾಸಣೆ ಮಾಡಿಸುವ ವ್ಯವಸ್ಥೆ ಮತ್ತು ಸಿಬ್ಬಂದಿ ವರ್ಗಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಇತರೆ ವಿಷಯಗಳನ್ನೂ ಸಹ ನೋಡಿಕೊಳ್ಳುತ್ತಾರೆ ಮತ್ತು ಎಲ್ಲಾ ರೀತಿಯ ಕೈಗಾರಿಕಾ ಸಂಬಂಧಿತ ವಿಷಯಗಳಲ್ಲಿ ಸಿಬ್ಬಂದಿ ಮತ್ತು ಕೆಲಸಗಾರರ ಪ್ರತಿನಿಧಿಗಳ ಜೊತೆ ವ್ಯವಹರಿಸುವರು.

1. ಮಂಡಳಿಯ ಎಲ್ಲಾ ದರ್ಜೆಯ ಸಿಬ್ಬಂದಿ ವರ್ಗದವರಿಗೆ ಈ ಶೈಕ್ಷಣಿಕ ವರ್ಷದಲ್ಲಿ ಹೊಸದಾಗಿ ಭಾರತಿ ಆಸ್ಪತ್ರೆ, ಸ್ಪರ್ಶ ಆಸ್ಪತ್ರೆ ಹಾಗೂ ತಥಾಗಟ್ ಹಾರ್ಟ್ ಕೇರ್ ಸೆಂಟರ್ ಮತ್ತು ಆಸ್ಪತ್ರೆಗಳನ್ನು ಸೇರ್ಪಡಿಸಲಾಗಿದೆ. ಉಳಿದಂತೆ ಒದಗಿಸಲಾಗಿದ್ದ ವೈದ್ಯಕೀಯ ಸೌಲಭ್ಯಗಳನ್ನು ಮತ್ತು ಮಾರಣಾಂತಿಕ ಕಾಯಿಲೆಗಳಿಗೆ ಸೂಪರ್ ಸ್ಪೆಷಾಲಿಟಿ ಆಸ್ಪತ್ರೆಗಳಲ್ಲಿ ಒಳರೋಗಿಯಾಗಿ ಶುಶ್ರೂಷೆ ಪಡೆಯುವ ಸೌಲಭ್ಯವನ್ನು 2019-20 ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರೆಸಲಾಗಿರುತ್ತದೆ.
2. ಸಿ ಮತ್ತು ಡಿ ದರ್ಜೆಯ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ನೀಡಲಾಗುತ್ತಿದ್ದ ಮಾಸಿಕ ವೈದ್ಯಕೀಯ ಭತ್ಯೆ, ಹಿರಿಯ / ಕಿರಿಯ ಬೆರಳಚ್ಚುಗಾರರು ಮತ್ತು ಹಿರಿಯ / ಕಿರಿಯ ಆಪ್ತ ಸಹಾಯಕರು, ಶೀಘ್ರಲಿಪಿಗಾರರು, ನೆರಳಚ್ಚು ಯಂತ್ರಗಳಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಸಿಬ್ಬಂದಿ, ವಾಹನ ಚಾಲಕರು, ಉಗ್ರಾಣ ಅಧೀಕ್ಷಕರು, ಪ್ರಥಮ ಉಗ್ರಾಣಿಕ, ಎರಡನೇ ದರ್ಜೆ ಉಗ್ರಾಣಿಕ, ಟಪಾಲು ಕಾರ್ಯ ನಿರ್ವಹಿಸುವ ನೌಕರರು ಇವರುಗಳಿಗೆ ನೀಡಲಾಗುತ್ತಿದ್ದ ಮಾಸಿಕ ಭತ್ಯೆಯನ್ನು ಈ ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರಿಸಲಾಯಿತು. ಹಾಗೂ ಪಾಳಿಗಳಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಸಿಬ್ಬಂದಿಗೆ ಪಾಳಿ ಭತ್ಯೆ, ಕಾರ್ಯಕಾರಿ ಸಿಬ್ಬಂದಿ ಮತ್ತು ನಿರ್ಮಲೀಕರಣ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ನೀಡಲಾಗುತ್ತಿರುವ ಸಂಚಾರಿ ಭತ್ಯೆಯನ್ನು 2019-20ನೇ ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರೆಸಲಾಗಿರುತ್ತದೆ.
3. ಯಂತ್ರಗಾರಗಳಲ್ಲಿ, ಕ್ಲೋರಿನ್ ಘಟಕಗಳಲ್ಲಿ, ಜೆಟ್ಟಿಂಗ್ ಯಂತ್ರ ಸಜ್ಜಿತ ವಾಹನಗಳಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುವ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಒದಗಿಸಲಾಗುತ್ತಿರುವ ಸುರಕ್ಷಿತ ಸಲಕರಣೆಗಳನ್ನು 2019-20ನೇ ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರೆಸಲಾಗಿರುತ್ತದೆ.



4. ಮಂಡಳಿಯ ನೀರು ಪೂರೈಕೆ ಸೇವಾ ತಾಣ, ಜಲ ಶುದ್ಧೀಕರಣ ಕೇಂದ್ರ ಹಾಗೂ ಯಂತ್ರಗಾರಗಳಲ್ಲಿ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿರುವ 'ಡಿ' ದರ್ಜೆ ನೌಕರರಿಗೆ ಪ್ರತಿ 2 ವರ್ಷಕ್ಕೊಮ್ಮೆ ಸ್ಟೆಟರ್ ಒದಗಿಸುವ ವ್ಯವಸ್ಥೆಯನ್ನು ಮುಂದುವರೆಸಲಾಗಿದೆ.
5. 2018-19ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಲ್ಲಿ ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ ಮತ್ತು ಪಿ.ಯು.ಸಿ ಪರೀಕ್ಷೆಗಳಲ್ಲಿ ಶ್ರೇಷ್ಠ ದರ್ಜೆಯೊಂದಿಗೆ ಉತ್ತೀರ್ಣರಾದ ಅಧಿಕಾರಿ ಮತ್ತು ನೌಕರರ ಒಟ್ಟು 24 ಮಕ್ಕಳಿಗೆ ಮತ್ತು ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ ಪರೀಕ್ಷೆಯಲ್ಲಿ ಅತಿ ಹೆಚ್ಚು ಅಂಕ ಗಳಿಸಿದ ನಿರ್ಮಲೀಕರಣ ಸಿಬ್ಬಂದಿಯ ಮಕ್ಕಳಲ್ಲಿ ಒಬ್ಬರಿಗೆ ತಲಾ ರೂ.6,250/- ಪ್ರತಿಭಾ ಪುರಸ್ಕಾರದ ಸಹಿತ ಪ್ರಶಂಸಾ ಪತ್ರಗಳನ್ನು ನೀಡಿ ಪ್ರೋತ್ಸಾಹಿಸಲಾಗಿರುತ್ತದೆ.
6. ಬೆಂ.ಜ.ಮಂ ನೌಕರರ ಸಂಘ ಮತ್ತು ಆಡಳಿತ ವರ್ಗದವರ ನಡುವಿನ ಒಪ್ಪಂದವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಿ ದಿ: 01.01.2005 ರಿಂದ ಜಾರಿಗೆ ಬರುವಂತೆ ನಿವೃತ್ತರಾದ ಅಧಿಕಾರಿ ಮತ್ತು ನೌಕರರ ಸೇವೆಯನ್ನು ಸ್ಮರಿಸಿ ಅವರುಗಳಿಗೆ ಮಂಡಳಿಯ ಲಾಂಚನ ಇರುವ ಕಂಚಿನ ಕಾವೇರಿ ಪ್ರತಿಮೆಯನ್ನು ನೀಡಿ ಬೀಳ್ಕೊಡುವ ಪದ್ಧತಿಯನ್ನು 2019-20ನೇ ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರೆಸಲಾಗಿರುತ್ತದೆ.
7. ಮಂಡಳಿಯ ವಿವಿಧ ಕಛೇರಿಗಳ ಅಧೀನಕ್ಕೊಳಪಡುವ ಯಂತ್ರಗಾರ, ಜಲಸಂಸ್ಕರಣಾ ಘಟಕ ಹಾಗೂ ತ್ಯಾಜ್ಯ ನೀರಿನ ಸಂಸ್ಕರಣಾ ಘಟಕಗಳಲ್ಲಿ ಮಾತ್ರ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿರುವ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಮಾಸಿಕ ತಲಾ ರೂ.500/-ಗಳನ್ನು ಗಂಡಾಂತರ ಭತ್ಯೆಗಳನ್ನಾಗಿ ನೀಡಲಾಗುತ್ತಿದೆ.
8. ಮಂಡಳಿಯಲ್ಲಿ ಸುದೀರ್ಘ ಸೇವೆ ಸಲ್ಲಿಸಿ ಸೇವೆಯಿಂದ ನಿವೃತ್ತರಾಗುವ ಅಧಿಕಾರಿ ನೌಕರರ ಸೇವೆಯನ್ನು ಸ್ಮರಿಸಿ ಗೌರವಿಸಿ ಬೀಳ್ಕೊಡಲು ಮಾನ್ಯ ಅಧ್ಯಕ್ಷರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ಬೀಳ್ಕೊಡುಗೆ ಸಮಾರಂಭ ಏರ್ಪಡಿಸಲಾಗುತ್ತಿದ್ದು, ಸದರಿ ಸಮಾರಂಭವನ್ನು 2019-20ನೇ ಸಾಲಿನಲ್ಲೂ ಮುಂದುವರೆಸಲಾಗಿರುತ್ತದೆ.
9. ಪ್ರತಿ ತಿಂಗಳು ತಲಾ 1000 ಗ್ರಾಂ ಕೊಬ್ಬರಿ ಎಣ್ಣೆ, ಎಂಟು 501 ಬಾರ್ ಸೋಪು, ನಾಲ್ಕು ಮೈಸೂರು ಸ್ಯಾಂಡಲ್ ಸೋಪು, ನಾಲ್ಕು ಟರ್ಕ್ ಟವಲ್ ಹಾಗೂ ಐದು ಡೆಟಾಲ್ ಸೋಪುಗಳನ್ನು ನಿರ್ಮಲೀಕರಣ ಸಿಬ್ಬಂದಿಗೆ ಹಾಗೂ ಜೆಟ್ಟಿಂಗ್ ಯಂತ್ರಗಳನ್ನು ಚಾಲನೆ ಮಾಡುತ್ತಿರುವ ಚಾಲಕರಿಗೆ ಒದಗಿಸುವ ವ್ಯವಸ್ಥೆಯನ್ನು ಮುಂದುವರೆಸಲಾಗಿದೆ.



10. ನೌಕರರ ಮಾಹಿತಿ:

ಅ. ವರದಿಯ ವರ್ಷದಲ್ಲಿ “ಸಿ” ದರ್ಜೆಯ 03 ಮತ್ತು “ಡಿ” ದರ್ಜೆಯ 03 ನೌಕರರು ಸೇರಿ ಒಟ್ಟು 06 ನೌಕರರು ಸೇವೆಯಲ್ಲಿರುವಾಗಲೇ ಮರಣ ಹೊಂದಿರುತ್ತಾರೆ. ಇಂತಹ ದಿವಂಗತ ನೌಕರರ 06 ಅವಲಂಬಿತರನ್ನು ಗುರುತಿಸಿ ಅವರುಗಳಿಗೆ ಅನುಕಂಪದ ಆಧಾರದ ಮೇಲೆ ನೇಮಕಾತಿ ಮಾಡುವ ಮೂಲಕ ಮರಣಿತ ನೌಕರರ ಕುಟುಂಬಗಳಿಗೆ ನೆರವು ನೀಡಲಾಗಿದೆ.

ಆ. ವರದಿಯ ಸಾಲಿನಲ್ಲಿ “ಬಿ” ದರ್ಜೆಯ 12 ಹುದ್ದೆಗಳು ಮತ್ತು 04 “ಸಿ” ದರ್ಜೆಯ ಹುದ್ದೆಗಳನ್ನು ನೇರ ನೇಮಕಾತಿ ಮೂಲಕ ತುಂಬಲಾಗಿದೆ.

ಇ. ವರದಿಯ ಸಾಲಿನಲ್ಲಿ 100 ಅಧಿಕಾರಿ/ನೌಕರರು ವಯೋಮಿತಿ ಮೇರೆಗೆ ನಿವೃತ್ತರಾಗಿರುತ್ತಾರೆ.

11. ಕೈಗಾರಿಕಾ ಸಂಖ್ಯೆ :

ಅ. 2020ನೇ ಸಾಲಿನ ದಿನಚರಿಗಳನ್ನು ಹೊರತರುವುದಕ್ಕಾಗಿ ಬೆಂ.ಜ.ಮಂ ನೌಕರರ ಸಂಘಕ್ಕೆ ರೂ.4,00,000/- ಮತ್ತು ಸ್ಯಾನಿಟರಿ ವರ್ಕರ್ಸ್ ಯೂನಿಯನ್‌ಗೆ ರೂ.75,000/- ಗಳ ಅನುದಾನವನ್ನು ಮಂಜೂರು ಮಾಡಲಾಗಿರುತ್ತದೆ.

ಆ. 2019ನೇ ಸಾಲಿನ ಕರ್ನಾಟಕ ರಾಜ್ಯೋತ್ಸವದ ಕಾರ್ಯಕ್ರಮಗಳಲ್ಲಿ ಸಾಂಸ್ಕೃತಿಕ ಚಟುವಟಿಕೆಗಳನ್ನು ನಡೆಸುವುದಕ್ಕಾಗಿ ಬೆಂ.ಜ.ಮಂ ನೌಕರರ ಸಂಘ ಮತ್ತು ದಿ. ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್.ಎಸ್.ಬಿ ಸ್ಯಾನಿಟರಿ ವರ್ಕರ್ಸ್ ಯೂನಿಯನ್ ಮತ್ತು ವಿವಿಧ ಘಟಕಗಳ ಸ್ಥಳೀಯ ಸಮಿತಿಗಳಿಗೆ ರೂ.7,25,000/- ಗಳ ಅನುದಾನವನ್ನು ಈ ಕೆಳಕಂಡಂತೆ ಮಂಜೂರು ಮಾಡಲಾಗಿರುತ್ತದೆ.

ಕ್ರ.ಸಂ	ಪ್ರಮಿತಿಯ ಹೆಸರು	ಮೊತ್ತ
1.	ಜಲಮಂಡಳಿ ನೌಕರರ ಸಂಘ (ಕೇಂದ್ರ ಸಮಿತಿ)	4,50,000/-
2.	ತೊರೆಕಾಡನಹಳ್ಳಿ ಸ್ಥಳೀಯ ಸಮಿತಿ	1,00,000/-
3.	ತಿಪ್ಪಗೊಂಡನಹಳ್ಳಿ ಸ್ಥಳೀಯ ಸಮಿತಿ	75,000/-
4.	ಹಾರೋಹಳ್ಳಿ ಸ್ಥಳೀಯ ಸಮಿತಿ	50,000/-
5.	ತಾತಗುಣಿ ಸ್ಥಳೀಯ ಸಮಿತಿ	50,000/-
ಒಟ್ಟು ಮೊತ್ತ		7,25,000/-

12. 2019ನೇ ಸಾಲಿನ ವಿಶ್ವ ಮಹಿಳಾ ದಿನಾಚರಣೆಯನ್ನು ಆಚರಿಸಲು ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಳಿಯ ನೌಕರರ ಸಂಘಕ್ಕೆ ರೂ. 2,75,000/- ಗಳ ಅನುದಾನವನ್ನು ಮಂಜೂರು ಮಾಡಲಾಗಿರುತ್ತದೆ.

13. 2019ನೇ ಸಾಲಿನ ರಾಷ್ಟ್ರೀಯ ನಾಯಕರಾದ ದಿವಂಗತ ಡಾ: ಬಿ. ಆರ್ ಅಂಬೇಡ್ಕರ್ ಹಾಗೂ ಬಾಬು ಜಗಜೀವನ್‌ರಾಂ ರವರ ವಾರ್ಷಿಕ ಜಯಂತಿ ಆಚರಿಸಲು ದಿ.ಬಿ.ಡಬ್ಲ್ಯೂ.ಎಸ್.ಎಸ್.ಬಿ ಸ್ಯಾನಿಟರಿ ವರ್ಕರ್ಸ್ ಯೂನಿಯನ್ ಇವರಿಗೆ ರೂ. 4,00,000/- ಗಳ ಅನುದಾನವನ್ನು ಮಂಜೂರು ಮಾಡಲಾಗಿರುತ್ತದೆ.



ಮೇಲ್ಕಂಡ ಅನುದಾನಗಳ ಜೊತೆಗೆ ಸಂಘಗಳ ಕಾರ್ಯಚಟುವಟಿಕೆಗಳಿಗೆ ಅಗತ್ಯವಾಗುವ ಸಲಕರಣೆಗಳನ್ನು ಒದಗಿಸಿ ಆಡಳಿತ ವರ್ಗವು ಸಹಕರಿಸಿರುತ್ತದೆ.

ಈ ಮೇಲ್ಕಂಡ ಅಂಶಗಳಿಗೆ ಪೂರಕವಾಗಿ ಆಡಳಿತ ವರ್ಗ ಮತ್ತು ಮಾನ್ಯತೆ ಪಡೆದ ನೌಕರರ ಸಂಘಟನೆಗಳ ನಡುವಿನ ಸಂಬಂಧ ಸೌಹಾರ್ದಯುತವಾಗಿತ್ತು.

14. ಸಿಬ್ಬಂದಿ ನಿರ್ವಹಣೆ:

ದಿನಾಂಕ: 31.03.2020ರ ಅಂತ್ಯಕ್ಕೆ ಕಾರ್ಯ ನಿರ್ವಹಿಸುತ್ತಿದ್ದ ದರ್ಜೆವಾರು ಸಿಬ್ಬಂದಿ ವಿವರ ಈ ಕೆಳಗಿನಂತಿವೆ.

ದರ್ಜೆ	ಅಧಿಕಾರಿ/ನೌಕರರ ಸಂಖ್ಯೆ
‘ಎ’	174
‘ಬಿ’	195
‘ಸಿ’	995
‘ಡಿ’	509
ಒಟ್ಟು	1,873

**ಆರ್ಥಿಕ ಪ್ರಲಣಿಗಾರರು ಸಾಗೂ ಮುಖ್ಯ ಲೆಕ್ಕಾಭಿ ಕಾಲಿಗಳು****2019-20ರ ಆಯವ್ಯಯ****2019-20ನೇ ಸಾಲಿಗೆ ಒದಗಿಸಿದ ಆಯವ್ಯಯದ ಸಂಕ್ಷಿಪ್ತ ವಿವರ****(ಆಡಳಿತಾತ್ಮಕ ಹಾಗೂ ಕಾರ್ಯಕ್ರಮಗಳು)****ಜಲಮಂಡಳಿಯ ಆಯವ್ಯಯದ ಪಕ್ಷಿನೋಟ:****ಬಂಡವಾಳ ಲೆಕ್ಕ:****2019-20ನೇ ಸಾಲಿನ ಬಂಡವಾಳ ಲೆಕ್ಕಗಳ ಪಕ್ಷಿನೋಟ****ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ**

ಬಂಡವಾಳ ಲೆಕ್ಕ	2019-20	2020-21
ಜಮೆ	208146.00	289306.83
ಸಂದಾಯ	196268.60	277804.00
ಮಿಗತೆ(+) / ಕೊರತೆ (-)	11877.40	11502.83

2019-20ನೇ ಸಾಲಿನ ಬಂಡವಾಳ ಯೋಜನಾ ಕಾರ್ಯಕ್ರಮಗಳು**(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಆಯವ್ಯಯದಲ್ಲಿ ಒದಗಿಸಿದ ಹಣ)****ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ**

ಕ್ರ. ಸಂ.	ಶೀರ್ಷಿಕೆ	2019-20ನೇ ಸಾಲಿನ ಆಯವ್ಯಯ
1	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ-I	0
2	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ-II	2441.39
3	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ V	19827.71
4	ಬೃ.ಬೆಂ.ನೀ.ಸ.ಯೋ. ಕಾಮಗಾರಿಗಳು	1432
5	Karnataka Municipal Reforms Project - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	1092
6	110 ಹಳ್ಳಿಗಳಿಗೆ ನೀರು ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	35088.76
7	110 ಹಳ್ಳಿಗಳಿಗೆ ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	21452.44
8	JnNURM - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	1700.00
9	AMRUT Scheme - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	38799.28
10	Mega City Revolving ನಿಧಿ ಸಹಾಯದಿಂದ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	34588.81
11	Bellandur and Varthur Lakes Wetland, Cubbon Park STP and ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣಾ ಮಂಡಳಿಯ ಸಹಕಾರದಿಂದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	222.00
12	ಹೆಸರುಘಟ್ಟ ಮತ್ತು ಟಿ.ಜಿ. ಹಳ್ಳಿಯಲ್ಲಿ ಒಳಚರಂಡಿ ಕಾಮಗಾರಿ, ನಿರ್ವಹಣೆ ವಿಭಾಗದ ತುರ್ತು ಕೆಲಸಗಳು, ಜೆಟ್ಟಿಂಗ್ ಯಂತ್ರ ಹಾಗೂ	1098.97



	ತ್ಯಾಜ್ಯ ಮರುಬಳಕೆ ಯಂತ್ರಗಳನ್ನು ಪ್ರತಿ ವಾರ್ಡ್‌ಗೆ ಖರೀದಿಸುವುದು.	
13	ಹೆಸರುಘಟ್ಟದಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	5125.00
14	ಮಂಡಳಿಯ ಇತರೆ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	33400.44
	ಒಟ್ಟು	196268.60

**2019-20 ನೇ ಸಾಲಿನ ಬಂಡವಾಳ ಯೋಜನಾ ಕಾರ್ಯಕ್ರಮಗಳು
(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ವೆಚ್ಚದ ವಿವರ)**

ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ

ಕ್ರ.ಸಂ.	ಶೀರ್ಷಿಕೆ	2019-20ನೇ ಸಾಲಿನ ವೆಚ್ಚ
1	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ-I	0
2	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ-II	1339.63
3	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ V	4044.36
4	ಬೃ.ಬೆಂ.ನೀ.ಸ.ಯೋ. ಕಾಮಗಾರಿಗಳು	947.93
5	Karnataka Municipal Reforms Project – ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	455.64
6	110 ಹಳ್ಳಿಗಳಿಗೆ ನೀರು ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	30766.08
7	110 ಹಳ್ಳಿಗಳಿಗೆ ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	20916.24
8	JnNURM – ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	1030.01
9	AMRUT Scheme - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	29330.41
10	Mega City Revolving ನಿಧಿ ಸಹಾಯದಿಂದ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	27675.95
11	Bellandur and Varthur Lakes Wetland, Cubbon Park STP and ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣಾ ಮಂಡಳಿಯ ಸಹಕಾರದಿಂದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	0
12	ಹೆಸರುಘಟ್ಟ ಮತ್ತು ಟಿ.ಜಿ. ಹಳ್ಳಿಯಲ್ಲಿ ಒಳಚರಂಡಿ ಕಾಮಗಾರಿ, ನಿರ್ವಹಣೆ ವಿಭಾಗದ ತುರ್ತು ಕೆಲಸಗಳು, ಜೆಟ್ಟಿಂಗ್ ಯಂತ್ರ ಹಾಗೂ ತ್ಯಾಜ್ಯ ಮರುಬಳಕೆ ಯಂತ್ರಗಳನ್ನು ಪ್ರತಿ ವಾರ್ಡ್‌ಗೆ ಖರೀದಿಸುವುದು.	0
13	ಹೆಸರುಘಟ್ಟದಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	950.7
14	ಮಂಡಳಿಯ ಇತರೆ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	28947.62
	ಒಟ್ಟು	146404.57

(Note: The above figures of tentative unaudited expenditure and subject to audit of C & AG)



2020-21ನೇ ಸಾಲಿನ ಗುರಿ:

2020-21ನೇ ಸಾಲಿನ ಬಂಡವಾಳ ಯೋಜನಾ ಕಾರ್ಯಕ್ರಮಗಳು
(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಆಯವ್ಯಯದಲ್ಲಿ ಒದಗಿಸಿದ ಹಣ)

		ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ
ಕ್ರ. ಸಂ.	ಶೀರ್ಷಿಕೆ	2020-21ನೇ ಸಾಲಿನ ಆಯವ್ಯಯ
1	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ- I	0.00
2	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ IV ಹಂತ ವಿಭಾಗ-IV ಘಟ್ಟ-II	4290.00
3	ಕಾವೇರಿ ನೀರು ಸರಬರಾಜು ಯೋಜನೆ V	80000.00
4	ಬೃ.ಬೆಂ.ನೀ.ಸ.ಯೋ. ಕಾಮಗಾರಿಗಳು	4035.04
5	Karnataka Municipal Reforms Project - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	665.00
6	110 ಹಳ್ಳಿಗಳಿಗೆ ನೀರು ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	39118.00
7	110 ಹಳ್ಳಿಗಳಿಗೆ ಒಳಚರಂಡಿ ವ್ಯವಸ್ಥೆ ಒದಗಿಸುವ ಬಗ್ಗೆ	27240.00
8	JnNURM - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	535.00
9	AMRUT Scheme - ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	11030.00
10	Mega City Revolving ನಿಧಿ ಸಹಾಯದಿಂದ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	29150.00
11	Bellandur and Varthur Lakes Wetland, Cubbon Park STP and ಕರ್ನಾಟಕ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣಾ ಮಂಡಳಿಯ ಸಹಕಾರದಿಂದ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	4785.00
12	ಹೆಸರುಘಟ್ಟ ಮತ್ತು ಟಿ.ಜಿ. ಹಳ್ಳಿಯಲ್ಲಿ ಒಳಚರಂಡಿ ಕಾಮಗಾರಿ, ನಿರ್ವಹಣೆ ವಿಭಾಗದ ತುರ್ತು ಕೆಲಸಗಳು, ಜೆಟ್ಟಿಂಗ್ ಯಂತ್ರ ಹಾಗೂ ತ್ಯಾಜ್ಯ ಮರುಬಳಕೆ ಯಂತ್ರಗಳನ್ನು ಪ್ರತಿ ವಾರ್ಡ್‌ಗೆ ಖರೀದಿಸುವುದು.	1860.00
13	ಹೆಸರುಘಟ್ಟದಲ್ಲಿ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕ ಸ್ಥಾಪಿಸುವ ಯೋಜನೆ	10000.00
14	ಹಳೆ ತ್ಯಾಜ್ಯ ನೀರು ಸಂಸ್ಕರಣಾ ಘಟಕಗಳ ಪುನಶ್ಚೇತನ	5000.00
15	ಮಂಡಳಿಯ ಬಂಡವಾಳ ಕಾಮಗಾರಿಗಳು	60095.96
	ಒಟ್ಟು	277804.00



ರಾಜಸ್ವ ಲೆಕ್ಕ:

2019-20ನೇ ಸಾಲಿನ ಬಂಡವಾಳ ಲೆಕ್ಕಗಳ ಪಕ್ಷಿನೋಟ

ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ

ರಾಜಸ್ವ ಲೆಕ್ಕ	Revised 2019-20	2020-21
ಜಮೆ	150137.00	165137.00
ಸಂದಾಯ	229498.00	275230.01
ಮಿಗತೆ(+) / ಕೊರತೆ (-)	-79361.01	-110093.00

2019-20ನೇ ಸಾಲಿನ ರಾಜಸ್ವ ವೆಚ್ಚ

(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಆಯವ್ಯಯದಲ್ಲಿ ಒದಗಿಸಿದ ಹಣ) ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ

ಕ್ರ. ಸಂ.	ಶೀರ್ಷಿಕೆ	2019-20ನೇ ಸಾಲಿನ ಆಯವ್ಯಯ
1	ಸಿಬ್ಬಂದಿ ವೆಚ್ಚ	28548.81
2	ವಿದ್ಯುತ್ ವೆಚ್ಚ	59368.40
3	ನೀರು ಸರಬರಾಜು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಕ್ರಿಯೆ ಮತ್ತು ನಿರ್ವಹಣೆ	27582.79
4	ಸಾಲ ಸೇವೆ	28798.00
5	ಸಾಮಾನ್ಯ ಆಡಳಿತ	60000.00
6	ಪಿಂಚಣಿ ಮೀಸಲು	10000.00
7	GIS Fund	200.00
8	ಸವಕಳಿ ಮೀಸಲು	15000.00
	ಒಟ್ಟು	229498.00



2019-20ನೇ ಸಾಲಿನ ರಾಜಸ್ವ ವೆಚ್ಚ
(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಆಡಳಿತಾತ್ಮಕ ಮತ್ತು ಕಾರ್ಯಕ್ರಮಗಳ ವೆಚ್ಚ) ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ

ಕ್ರ. ಸಂ.	ಶೀರ್ಷಿಕೆ	2019-20ನೇ ಸಾಲಿನ ಆಯವ್ಯಯ
1	ಸಿಬ್ಬಂದಿ ವೆಚ್ಚ	25578.02
2	ವಿದ್ಯುತ್ ವೆಚ್ಚ	58604.77
3	ನೀರು ಸರಬರಾಜು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಕ್ರಿಯೆ ಮತ್ತು ನಿರ್ವಹಣೆ	18167.44
4	ಸಾಲ ಸೇವೆ	30617.69
5	ಸಾಮಾನ್ಯ ಆಡಳಿತ	9674.22
6	ಪಿಂಚಣಿ ಮೀಸಲು	7406.46
7	GIS Fund	
8	ಸವಕಳಿ ಮೀಸಲು	22713.17
	ಒಟ್ಟು	172761.76

(Note: The above figures of tentative unaudited expenditure and subject to audit of C & AG)

2020-19ನೇ ಸಾಲಿನ ಗುರಿ:

2020-21ನೇ ಸಾಲಿನ ರಾಜಸ್ವ ವೆಚ್ಚ
(ಬೆಂಗಳೂರು ಜಲಮಂಡಳಿಯ ಆಡಳಿತಾತ್ಮಕ ಮತ್ತು ಕಾರ್ಯಕ್ರಮಗಳ ಗುರಿ)

ರೂ. ಲಕ್ಷಗಳಲ್ಲಿ

ಕ್ರ. ಸಂ.	ಶೀರ್ಷಿಕೆ	2020-21 ನೇ ಸಾಲಿನ ಆಯವ್ಯಯ
1	ಸಿಬ್ಬಂದಿ ವೆಚ್ಚ	32344.18
2	ವಿದ್ಯುತ್ ವೆಚ್ಚ	66239.33
3	ನೀರು ಸರಬರಾಜು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಕ್ರಿಯೆ ಮತ್ತು ನಿರ್ವಹಣೆ	30266.50
4	ಸಾಲ ಸೇವೆ	26180.00
5	ಸಾಮಾನ್ಯ ಆಡಳಿತ	75000.00
6	ಪಿಂಚಣಿ ಮೀಸಲು	25000.00
7	GIS Fund	200.00
8	ಸವಕಳಿ ಮೀಸಲು	20000.00
	ಒಟ್ಟು	275230.01

ಆ.ಶ. -ಮು.ರೈ.ಅ.
ಬೆಂ.ಇ.ಮುರಿ.





PREFACE

The Bangalore Water Supply & Sewerage Board was established in the year 1964. The Board has envisaged and implemented many innovative schemes to supply adequate amount of water to the citizens of Bangalore. When it was found that Thippegonadanahalli Reservoir was inadequate to meet the city's water needs, BWSSB stipulated the Cauvery Water supply Scheme and brought Cauvery Water to Bangalore in the first Phase of the scheme in the year 1974 and this was followed by successful implementation of the remaining three phases of the scheme. BWSSB is currently supplying 1450 MLD of water from all the four stages of the Cauvery Water Supply Schemes to the city of Bangalore.

The Challenges faced by BWSSB has increased with the addition of civic local bodies around the city. The Board is facing an inevitable task quenching the thirst of more than one crore people in the city for the purpose adoption of water harvesting which is a water conservation tool needs to be made mandatory. Besides water supply, BWSSB is also entrusted with enormous responsibility of treating the waste water.

The Annual report of 2019-20, which is prepared in accordance with the guidelines stipulated in Section 86(2) of Bangalore Water Supply and Sewerage Board Act 1964, reflects the financial activities and the performance of the board. I would like to thank Engineer – In – Chief, all the Chief Engineers, Chief Administrative officer, Financial Advisor and other Officials who have extended their co-operation for the preparation of this report.

**CHAIRMAN
BWSSB**



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ANNUAL REPORT FOR THE YEAR 2019-20

INTRODUCTION

(I) Main Objecttion & Functions

Bangalore Water Supply Board (BWSSB) is responsible for providing water supply, sewerage system and sewage disposal in the Bangalore Metropolitan Area. BWSSB has implemented and commissioned the Cauvery Water Supply Scheme Stages I, II, III, IV Phase I & II with a designed potential of 1450 MLD of treated water.

- a.** Providing water supply and making adequate provision for sewerage and disposal of the waste water in existing and developing areas of Bangalore Metropolitan area.
- b.** Preparation and implementation of plans and water supply schemes to meet the increasing demand.
- c.** Preparation and implementation of plans and schemes for providing proper water supply sewerage and disposal of waste water of the city.
- d.** Remolding the distribution system to supply the available water equitably.
- e.** Mobilizing the finances needed for launching new schemes.
- f.** Improvement to the existing sewerage system.
- g.** Revenue collections for the water supply sewerage and waste water disposal system.



- ii) Bangalore continues to be one of the fastest growing cities in India, with decadal growth of 50.70%. According to 2011 census, the population of Bangalore city has reached 96 lakhs in the Bangalore Metropolitan area and reached 1.2 crore by 2020. Presently the total quantity of water available from all sources under normal conditions is 1700 MLD against which 1227.00 MLD was received during 2019-20. The per capital water supply at present is about 100 to 110 liters per capita per day (LPCD) after deducting supplies to major industries and losses in the distribution system. This is far below the national standard recommended by CPHEEO, which is 135 LPCD for a 105 LPCD will dwindle down to 90 LPCD by 2020 unless further augmentation schemes are taken up. The Bangalore Metropolitan area (BMA) has also considerably increased, and as per present BMA the area comprises 800 Sq.kms. Thus there is an urgent need for augmenting the existing water supply system of Bangalore City.

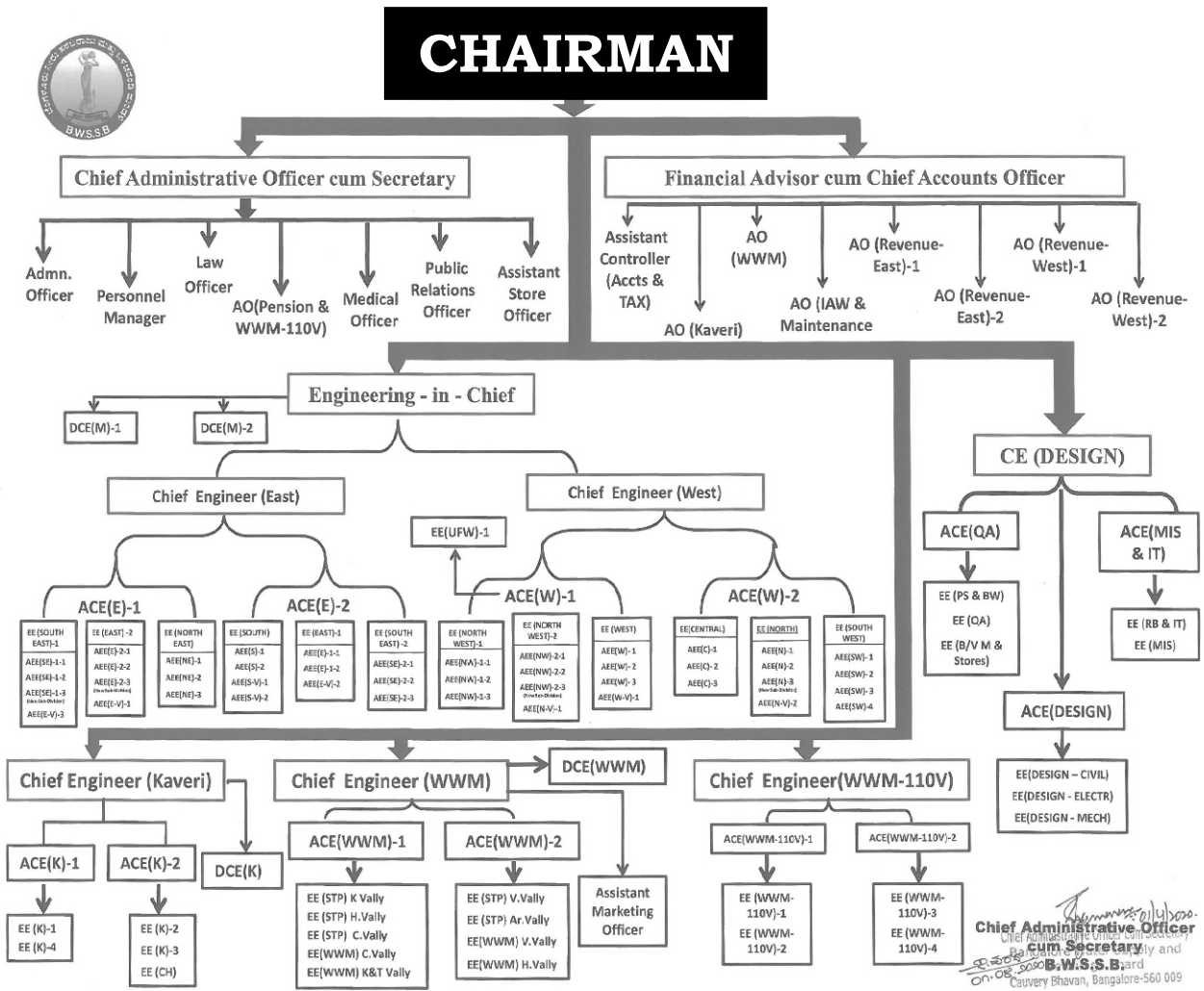


Organizational Structure

The Board was formed by an Act of State Legislature vide Government Notification No. PLM 15 MNY 64 dated 01.12.1964. The management of the Board is vested in a Board of 9 members including the Chairman, who are appointed by the Government. During the year under report Sri Tushar Giri Nath, I.A.S., was the Chairpersons of the Board.

Chairman and Members

The Chairman is the Chief Executive officer of the Board. He is assisted by One Engineer - In – Chief, One Chief Administrative Officer cum Secretary, One Financial Advisor and Chief Account Officer(Revenue/Expenditure/Projects), Six Chief Engineers, A Public Relations Officer and other Officials to assist him in the matter of day-to-day administration. Organization chart is appended in Annexure-II.



**Chairman and Members of the BWSSB during the year 2019-20**

Sl No.	Name of the Officer Sriyuths	Designation
1	Sri Tushar Giri Nath, I.A.S., (25-06-2017 to)	Chairman, B.W.S.S.B
	<u>Members:</u>	
2	Sri Mahendra Jain, I.A.S., (20-04-2016 to 29-05-2019) Sri B.H. Anil Kumar, I.A.S., (26-07-2019 to 26-07-2019) Dr. E.V. Ramana Reddy, I.A.S., (17-10-2019 to 27-01-2020) Sri Rakesh Singh, I.A.S., (14-02-2020 to)	Addl. Chief Secretary, Urban Development Department
3	Dr. Ekroop Kaur, I.A.S., (03-07-2017 to 29-05-2019) Dr. P.C. Jaffer, I.A.S., (26-07-2019 to)	Secretary, Finance Department(Exp)
4	Sri Rakesh Singh, I.A.S., (31-03-2017 to 29-05-2019) Dr. N. Manjula, I.A.S., (26-07-2019 to 26-07-2019) Dr. J.C. Prakash, I.A.S., (17-09-2019 to)	Commissioner, BDA
5	Sri N. Manjunath Prasad, I.A.S., (27-08-2016 to 26-07-2019) Sri B.H. Anil Kumar, I.A.S., (17-10-2019 to)	Commissioner, BBMP
6	Sri N. Jayaram, I.A.S., (03-10-2018 to 29-05-2019) Sri Anjum Parwez, I.A.S., (26-07-2019 to 26-07-2019) Dr. J. Ravishankar, I.A.S., (17-10-2019 to)	Managing Director, KUWS&DB
7	Sri Ibrahim A.B, I.A.S., (13-07-2017 to 26-07-2019) Sri D.S. Ramesh, I.A.S., (17-10-2019 to 17-10-2019) Kum. Charulata Somal, I.A.S., (27-11-2019 to)	Managing Director, KUIDFC



11	Sri K.P. Mohan Raj, I.A.S., (01-08-2018 to 29-05-2019) Sri Tushar Giri Nath, I.A.S., (26-07-2019 to 26-07-2019)(Addl. Charge) Sri V.P. Ikkeri, I.A.S., (17-10-2019 to)	Commissioner, BMRDA
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7 Board Meetings were held during the year 2019-20



**Chairman and Members of the Technical Committee of the
BWSSB during the year 2019-20**

SL No.	Name of the Officer Sriyuths	Designation
1	Dr. M.S. Mohan Kumar (18-12-2014 to)	Professor, Civil Engg. Dept, IISC Chairman of the Committee
2	Ramaswamy (18-12-2014 to 31-12-2019) K.R. Narayana Iyengar (27-02-2020 to)	Chief Engineer(Retd.), BWSSB Member of the Technical Committee
3	T.M. Rajakumar (28-11-2013 to 31-12-2019) Bharadwaj Amrutur (27-02-2020 to)	Superintending Engineer(Retd.) Member of the Technical Committee Professor, IISC Member of the Technical Committee
4	R. Sukumaran (28-11-2013 to 31-12-2019) Gurralla Gurunath (27-02-2020 to)	Addl. Chief Engineer(Retd.) Member of the Technical Committee Asst. Professor, IISC Member of the Technical Committee
5	M.A. Parthasarathy (15-11-2017 to 31-12-2019) Hoysala Chanakya (27-02-2020 to)	IT-iDeck Member of the Technical Committee Chief Research Scientist, IISC Member of the Technical Committee
6	S. Vishwanath (27-02-2020 to)	Civil Engineer, BIOME Trust Member of the Technical Committee
7	Dr. Kemparamaiah (02-06-2016 to)	Engineer in Chief Member of the Technical Committee
8	Ravi Kamalapurkar (14-09-2018 to 29-07-2019) M.V. Prashanth Kumar (20-09-2019 to)	FA & CAO., Member of the Technical Committee



9	B. Shivaprasad (12-07-2018 to)	Chief Engineer(Project) Member of the Technical Committee
10	E. Nithyananda kumar (12-07-2018 to 27-02-2020)	CE(WWM) Member of the Technical Committee
11	H.M. Gangadhar Murthy (27-02-2020 to)	CE(Design) Member of the Technical Committee
12	S.V. Ramesh (12-07-2018 to)	Chief Engineer(Kaveri) Member of the Technical Committee
13	B.C. Gangadhar (20-12-2018 to 31-12-2019)	Chief Engineer(M) Member of the Technical Committee
14	B.M. Somashekar (27-02-2020 to)	Chief Engineer(East) Member of the Technical Committee
11	M. Devaraj (27-02-2020 to)	Chief Engineer(West) Member of the Technical Committee
12	B.M. Somashekar (08-04-2019 to 31-12-2019) B.M. Somashekar H.M. Gangadhar Murthy (27-02-2020 to)	Addl. Chief Engineer(M & P)-6 Convenor Addl. Chief Engineer(Design) Convenor

8 meetings of the Technical Committee were held during the year 2019-20



The Board took the following major decisions in its various meetings during the year 2019-20

(25) The Board in its meeting held on 29-05-2019 vide subject No.-12

12. Tender for the work of providing and laying Water Supply Feeder Line from Suryanagar Phase I to Phase III to Supply 7.5 MLD Water under DC works of KHB.

Chief Engineer (P) explained that the above Work at an estimated cost of Rs.21.44 Crore is taken up under DC works of KHB, who have deposited an initial amount of Rs.7.84 Crores and have assured to deposit balance amount of Rs.13.60 Crores as the work progress.

Further CE(P) explained that M/s Maloo Constructions India Pvt. Ltd and M/s Standard Infratech India Private Limited have participated in the tender. The technical documents were reviewed in Tender Scrutiny Committee (Technical) in its meeting held on 27.04.2019 and Committee recommended for opening of the financial bid of M/s Maloo Constructions India Pvt. Ltd.

The financial bid of the single firm was opened on 09.05.2019 and details are as follows:

Sl No.	Name of the firm	Amount put to tender	Evaluated Cost	Percentage
1.	M/s Maloo Constructions India Pvt. Ltd	Rs.16,28,73,117/-	Rs.14,46,15,068.50	11.21% Below

Further CE(P) explained that the cost offered by the tender M/s Maloo Constructions India Private Ltd is Rs.14,46,15,068.50 which works out to 11.21% BELOW the amount put to tender. CE(P) informed that the work is to be taken up immediately and requested for approval to take up the work.

After detailed discussion, Board accorded approval to entrust the Work of providing and laying Water Supply Feeder Line from Suryanagar Phase I to Phase III to Supply 7.5 MLD Water under DC works of KHB., at an evaluated cost of



Rs.14,46,15,068.50 which works out to 11.21% BELOW the amount put to tender in favour of M/s Maloo Constructions (India) Pvt. Ltd, A-204/205, 2nd Floor, 25/26, Brigade Majestic, 1st Main, Gandhinagar, Bangalore – 560 009.

(26) The Board in its meeting held on 29-05-2019 vide subject No.-13

13. ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಸ್ಥಳಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲ ಕಾಯ್ದೆಗೆ ಅಭಿಪ್ರಾಯವು ಮುಖಾಂತರ ದಿನಾಂಕ: 27-08-2009 ರಲ್ಲಿ ಅಧಿಸೂಚನೆ ಮಾಡಲಾಗಿದ್ದು, ಮೇಲ್ಕಂಡ ಅಭಿಪ್ರಾಯವಿರುತ್ತದೆ ಈ ಸ್ಥಳಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳುವ ಕಟ್ಟಡಗಳಿಗೆ ದಂಡ ವಿಧಿಸಲು ದಿನಾಂಕ:25-02-2016ರಲ್ಲಿ ಜಾರಿಯಲ್ಲಿರುವ ಅಭಿಪ್ರಾಯವು ಅಧಿಸೂಚನೆಗೆ ಅಧಿಸೂಚನೆ ಮಾಡುವ ಬಗ್ಗೆ.

ಪ್ರಧಾನ ಮುಖ್ಯ ಅಭಿಯಂತರರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಬೆಂಗಳೂರು ನೀರು ಸರಬರಾಜು ಮತ್ತು ಒಳಚರಂಡಿ ಮಂಡಲಿಯು ಅಂತರ್ಜಲ ವೃದ್ಧಿಸುವ ಕುರಿತು ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಕರ್ನಾಟಕ ಸರ್ಕಾರವು ಅಧಿಸೂಚನೆ ಸಂಖ್ಯೆ: ಸಂ:ವ್ಯಾಪ್ತಿ 6 ಶಾಸನ 2009, ಬೆಂಗಳೂರು ದಿ.27.8.2009 ರಲ್ಲಿ ಬೆಂಗಳೂರು ಜಲಮಂಡಲ ಕಾಯ್ದೆಗೆ ತಿದ್ದುಪಡಿ ಮಾಡಲಾಗಿ ಆದೇಶ ಹೊರಡಿಸಿರುತ್ತದೆ. ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳದಿರುವವರಿಗೆ ವಿಧಿಸುತ್ತಿರುವ ದಂಡದ ಮೊತ್ತವನ್ನು ಹೆಚ್ಚಿಸಲು, ಈ ಕೆಳಕಂಡಂತೆ ಮಂಡಲಿಯ ಸಭೆಯ ಅನುಮೋದನೆಗಾಗಿ ಮಂಡಿಸಲಾಯಿತು.

“8 Levy of Additional Water and Sanitary charges”:

ಕ್ರ. ಸಂ.	ಪ್ರಸ್ತುತ ಚಾರ್ಟರ್‌ಡ್‌ನಲ್ಲಿರುವ ದಂಡದ ವಿವರ	ಪ್ರಸ್ತಾವಿತ ದಂಡದ ವಿವರ
1	Where the Owner or Occupier of a residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of twenty-five percent of the total water and sanitary charges for the first three months and thereafter an additional charges of fifty percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building.	Where the Owner or Occupier of a residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building.



2	Where the Owner or Occupier of a non-residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of fifty percent of the total water and sanitary charges for the first three months and thereafter an additional charges of hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building;	Where the Owner or Occupier of a non-residential building fails to provide rain water harvesting structure in the building within such date as notified under section 72A of the Act, there shall be levied an additional charges of two hundred percent of the total water and sanitary charges till the rain water harvesting structure is provided to the building;
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ಮಂಡಳಿಯ ಸಭೆಯು ಚರ್ಚೆಯ ನಂತರ ಮೇಲ್ಕಂಡ ಅಧಿಸೂಚನೆಯಂತೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿಯನ್ನು ಅಳವಡಿಸಿಕೊಳ್ಳದ ಕಟ್ಟಡಗಳಿಗೆ ಪ್ರಸ್ತಾವಿತ ದಂಡದ ಮೊತ್ತವನ್ನು ವಿಧಿಸಲು ದಿನಾಂಕ: 25.02.2016ರಲ್ಲಿ ಹೊರಡಿಸಿರುವ ಅಧಿಸೂಚನೆಗೆ ತಿದ್ದುಪಡಿ ತರುವ ಕುರಿತು ಸರ್ಕಾರದ ಅನುಮೋದನೆಗಾಗಿ ಪತ್ರ ಬರೆಯಲು ನಿರ್ಣಯಿಸಿತು.

(27) The Board in its meeting held on 29-05-2019 vide subject No.-18

18. Revision of prorata charges for sanction of water supply and sanitary connection for Residential Buildings in the jurisdiction of BWSSB.

EIC explained the subject in detail and informed that the “**Prorata Charges**” came into effect during the year 1988. This Prorata charges is a onetime payment to be collected from the owners / developers of Multistoried Residential Apartments, Commercial Complexes as well as Residential Buildings while seeking approval for water supply & sanitary connection for their building. The prorata charges collected is utilized for improvement of water supply & sewerage system in any part of Bangalore city at a later date.

Further, EIC explained that to maintain uniformity between Residential Building and Multistoried residential or residential apartments or Group Housing or Villas etc., it is proposed to increase the prorata charges for Residential building from Rs.250/- per Smt to Rs.400/- per Smt of Multistoried Residential Building / Apartments / Group Housing / Villas etc.,



After detailed discussions, the Board cleared the subject for seeking approval from the Government for the following:

- e) To revise the prorata charges for Residential building towards water supply & sanitary connections with immediate effect are as follows.

Sl. No.	Nature of Building	Present Rate of prorata charges on total built up area	Proposed Rate of prorata charges on total built up area
b)	Residential building	Rs.250/- per smt.	Rs.400/- per smt.

- f) The new rates will come into effect immediately.
- g) Residential building Prorata cases for which demand notice is already issued and also for residential building prorata cases which are applied online and are under process, one month cutoff date is permitted to pay the prorata at the prevailing rates. After the cutoff date, new rates will come into effect.
- h) For residential building cases where full prorata amount is paid, but other charges like GBWASP charges, line cost, interest amount & other charges etc. are not paid, no additional prorata charges will be collected.

(28) The Board in its meeting held on 26-07-2019 vide subject No.-15

15. ಸಿರಿಕೂಲಿ ನಿಧಿ ಸ್ಥಾಪನೆ ಮತ್ತು ನಿರ್ವಹಣೆಗಾಗಿ ಮೊತ್ತವನ್ನು
ನಿಗದಿಪಡಿಸಿ, ಲೇವಿ ಇಲಾಖೆ ಬಗ್ಗೆ.

ಆ.ಸ & ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ, ಈ ಹಿಂದೆ ಮಂಡಳಿಯು ಪಿಂಚಣಿ ನಿಧಿ ಟ್ರಸ್ಟ್ ಸ್ಥಾಪಿಸಿ ಮೆ||ಎಲ್.ಐ.ಸಿ ವತಿಯಿಂದ ಉಚಿತವಾಗಿ Actuarial Calculations ಕೈಗೊಂಡು ಟ್ರಸ್ಟ್‌ನ ಕಾರ್ಯಾಚರಣೆ ಬಗ್ಗೆ ಅಗತ್ಯ ಕ್ರಮಕೈಗೊಳ್ಳಲು ಮಂಡಳಿ ಸಭೆಯು ಸೂಚನೆ ನೀಡಿತ್ತು. ಮೆ||ಎಲ್.ಐ.ಸಿ ರವರಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ Actuarial Calculations ಸಂಬಂಧ ಅಗತ್ಯ ಮಾಹಿತಿ ನೀಡಿದ್ದು, ಸಂಸ್ಥೆಯು ಈವರೆವಿಗೂ ಯಾವುದೇ ಪ್ರತಿಕ್ರಿಯೆ ನೀಡಿರುವುದಿಲ್ಲ. ಈ ಮಧ್ಯೆ ಈಗಾಗಲೇ ಜಾರಿಯಲ್ಲಿರುವ ಮೆ||ಎಲ್.ಐ.ಸಿ ರವರ ಎರಡು ಪಿಂಚಣಿ ಯೋಜನೆಗಳನ್ನು ಪರಿಶೀಲಿಸಿದ್ದು, ಅವುಗಳು ಹೂಡಿಕೆ ಮೊತ್ತದ ಭದ್ರತೆ ಹಾಗೂ ಪಿಂಚಣಿದಾರರೊಂದಿಗಿನ ಸಮನ್ವಿತ ದೃಷ್ಟಿಯಿಂದ ಮಂಡಳಿಗೆ ಸಮಂಜಸವಲ್ಲ ಎಂಬುದನ್ನು ಸಭೆಯು ಅವಗಾಹಿಸಿತು.

ಮೇಲಿನ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿ ಈ ಕೆಳಗಿನವುಗಳಿಗೆ ಸಭೆಯು ಅನುಮೋದನೆ ನೀಡಿತು.



1. ಪಿಂಚಣಿ ನಿಧಿ ಕಾರ್ಯಾಚರಣೆಯ ವಿಧಿವಿಧಾನ ಮತ್ತು ರೂಪರೇಷೆಗಳನ್ನು ರೂಪಿಸಲು ಮಂಡಳಿ ಪಿಂಚಣಿ ಶಾಖೆ, ಆರ್ಥಿಕ ಇಲಾಖೆ ಮತ್ತು ಕೆ.ಜಿ.ಐ.ಡಿ ಇಲಾಖೆಗಳ ಅಧಿಕಾರಿಗಳನ್ನೊಳಗೊಂಡ ಸಮಿತಿ ರಚಿಸುವುದು.
2. ಈ ಅವಧಿಯಲ್ಲಿ ಮಂಡಳಿ ಹೂಡಿಕೆ ನೀತಿಯನುಸಾರ ಪ್ರಾಥಮಿಕ ಹಂತವಾಗಿ ರೂ. 500.00 ಕೋಟಿಗಳನ್ನು ಪ್ರತ್ಯೇಕವಾಗಿ ಪಿಂಚಣಿ ನಿಧಿಗೆಂದು ರಾಷ್ಟ್ರೀಕೃತ ಬ್ಯಾಂಕ್‌ಗಳಲ್ಲಿ ಒಂದು ವರ್ಷದ ಅವಧಿಗೆ ನಿಶ್ಚಿತ ಠೇವಣಿ ಇರಿಸಲು ಮಂಡಳಿಯು ನಿರ್ಣಯಿಸಿತು.

(29) The Board in its meeting held on 26-07-2019 vide subject No.-19

19. Amendment to Bangalore Water Supply Regulations, 1965 for the implementation of Sub-meters for the buildings coming under the jurisdiction of BWSSB.

EIC explained the subject in detail. After detailed discussion Board has accorded approval to address a letter to Government for seeking approval for amending Bangalore Water Supply Regulations, 1965 by substituting the following:

“43A. Obligation to provide sub-meters:-

- 2) Every owner or occupier of a building having sital area of not less than 2400 square feet and building having three and more houses or every owner who propose to construct a building on a sital area of not less than 1200 square feet and building having three and more houses shall install their own internal meters for judicious consumption of water, to make the user of water accountable for the consumption which will lead to water saving and also by having proper auditing to prevent leakage of water within such date as may be notified by the State Government. However the billing will be done on the basis of meter provided by the BWSSB for the connection and that the readings of such internal meters will not be in any case be used for billing purpose or to dispute the readings of the meter provided by BWSSB in any legal proceedings.



(30) The Board in its meeting held on 17-10-2019 vide subject No.-3

3. ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲಿ (Bangalore Water Supply and Sewerage (Rain Water Harvesting) Regulation, 2010) ವಿನ್ಯಾಸ 4 ಮತ್ತು 6 ಕ್ಕೆ ತಿದ್ದುಪಡಿ ಹಾಗೂ ವಿನ್ಯಾಸ 9 ಅನ್ನು ಜೊತೆಗೂಡಿ ಸೇರ್ಪಡೆಗೊಳಿಸುವ ಬಗ್ಗೆ.

ಮಂಡಲಿಯ ಸಭೆಯಲ್ಲಿ ಬೆಂಗಳೂರು ನಗರದಲ್ಲಿರುವ ಕಟ್ಟಡಗಳಿಗೆ ಮಳೆ ನೀರು ಕೊಯ್ಲು ಪದ್ಧತಿ ಅಳವಡಿಸಿಕೊಳ್ಳಲು ಬೆಂಗಳೂರು ಜಲಮಂಡಲಿ (Bangalore Water Supply and Sewerage (Rain Water Harvesting) Regulation, 2010) ವಿನ್ಯಾಸ 4 ಮತ್ತು 6 ಕ್ಕೆ ತಿದ್ದುಪಡಿ ತರಲು ಹಾಗೂ ವಿನ್ಯಾಸ 9 ಅನ್ನು ಹೊಸದಾಗಿ ಸೇರ್ಪಡೆಗೊಳಿಸಲು ದಿನಾಂಕ: 10.10.2019 ರಂದು ಸರ್ಕಾರದ ಅನುಮೋದನೆಗಾಗಿ ಪತ್ರ ಬರೆಯಲಾಗಿದ್ದು, ಘಟನೋತ್ತರ ಅನುಮೋದನೆ ನೀಡಲಾಯಿತು.

(31) The Board in its meeting held on 17-10-2019 vide subject No.-18

18. ಸರ್ಕಾರದ ಈ ಕೆಳಕಂಡ ಆದೇಶಗಳನ್ನು ಮಂಡಿಸಲು ವೇತನ ಶ್ರೇಣಿ ಮತ್ತು ನಿಯಮಗಳ ಅನುಸಾರ ಮಾರ್ಪಡಿಸಿ ಮಂಡಿಸಲು ಅಳವಡಿಸಿಕೊಳ್ಳುವ ಬಗ್ಗೆ.

III. ಆಯ್ಕೆ ಕಾಲಿಕ ವೇತನ ಶ್ರೇಣಿ/ ಹಿರಿಯ ವೇತನ ಶ್ರೇಣಿ ಸೌಲಭ್ಯಗಳನ್ನು ರಾಜ್ಯ ವೇತನ ಶ್ರೇಣಿ ಹೊಂದಿರುವ ಎಲ್ಲಾ ಅಧಿಕಾರಿ/ನೌಕರರಿಗೆ ಅನ್ವಯಿಸುವ ಬಗ್ಗೆ.

IV. ಗಳಿಕೆ ರಜೆಯನ್ನು ಅಧ್ಯಾಪನ ನಗರೀಕರಣ ಪಡೆಯುವ ಸೌಲಭ್ಯವನ್ನು ನಿಯತಗೊಳಿಸುವ ಬಗ್ಗೆ.

ಮುಅ-ಕಾ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಮಂಡಳಿಯಲ್ಲಿ 'ಬಿ', 'ಸಿ' ಮತ್ತು 'ಡಿ' ವೃಂದದಲ್ಲಿ 7 ವರ್ಷ ಪದೋನ್ನತಿ ಇಲ್ಲದೆ ಸೇವೆ ಸಲ್ಲಿಸಿರುವ ನೌಕರರಿಗೆ ಕಾಲಮಿತಿ ವೇತನ ಬಡ್ತಿಯನ್ನು ವಿಸ್ತರಿಸುತ್ತಿರುವುದರಿಂದ ಗ್ರೂಪ್-ಎ ಗುಂಪಿನಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳಿಗೆ ಇಳಿಕೆ ಮಾಡಿ, 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ದಿನಾಂಕ: 13.05.2015ರಂದು ಜಾರಿಗೊಳಿಸಲಾಗಿರುವ 2013 ಮತ್ತು 2018ರ ಪರಿಷ್ಕೃತ ವೇತನ ಶ್ರೇಣಿಗೆ ಅನುಗುಣವಾಗಿ ಈ ಮುಂದಿನಂತೆ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿಯನ್ನು ಮಂಜೂರು ಮಾಡಲು ಮಂಡಳಿಯು ನಿರ್ಣಯಿಸಿತು.



III. 2013 ರ ಐತಿಹಾಸಿಕ ವೇತನ ಶ್ರೇಣಿ

- e) ವೇತನ ಶ್ರೇಣಿ ರೂ. 33380-71380 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 37380-73080 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- f) ವೇತನ ಶ್ರೇಣಿ ರೂ. 46180-78630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 48680-80630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- g) ವೇತನ ಶ್ರೇಣಿ ರೂ. 48680-80630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 52880-80630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- h) ವೇತನ ಶ್ರೇಣಿ ರೂ. 55680-84630 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 66280-90630 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.

IV. 2018 ರ ಐತಿಹಾಸಿಕ ವೇತನ ಶ್ರೇಣಿ

- e) ವೇತನ ಶ್ರೇಣಿ ರೂ. 59650-127400 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 66770-130430 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- f) ವೇತನ ಶ್ರೇಣಿ ರೂ. 82450-140330 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 86910-143890 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- g) ವೇತನ ಶ್ರೇಣಿ ರೂ. 86910-143890 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 94410-143890 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.
- h) ವೇತನ ಶ್ರೇಣಿ ರೂ. 99410-151010 ರಲ್ಲಿ ಕನಿಷ್ಠ 6 ವರ್ಷಗಳ ಸೇವೆಯನ್ನು ಪೂರೈಸಿದ ಅಧಿಕಾರಿಗಳಿಗೆ ರೂ. 118310-161690 ಗಳ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿ.

ಮಂಡಳಿಯ ವೇತನ ಶ್ರೇಣಿಯ 21ನೇ ವೇತನ ಶ್ರೇಣಿಯು ಕೊನೆಯ ವೇತನ ಶ್ರೇಣಿಯಾಗಿದ್ದು, ಈ ವೇತನ ಶ್ರೇಣಿ ಹೊಂದಿರುವ ಹುದ್ದೆಗಳಿಗೆ ಯಾವುದೇ ಆಯ್ಕೆ ಕಾಲಿಕ ವೇತನ ಶ್ರೇಣಿ ಲಭ್ಯವಿರುವುದಿರುವುದರಿಂದ 21ನೇ ವೇತನ ಶ್ರೇಣಿಯಲ್ಲಿ, ಯಾವುದೇ ಮುಂಬಡ್ತಿಯಿಲ್ಲದೆ 6 ವರ್ಷಗಳ ಸತತ ಸೇವೆ ಸಲ್ಲಿಸುವ 'ಎ' ಗುಂಪಿನ ಅಧಿಕಾರಿಗಳಿಗೆ ಅದೇ ವೇತನ ಶ್ರೇಣಿಯಲ್ಲಿ ಒಂದು ಹೆಚ್ಚುವರಿ ವೇತನ ಬಡ್ತಿ ನೀಡಲು ಹಾಗೂ ಆಯ್ಕೆ ದರ್ಜೆ ವೇತನ ಶ್ರೇಣಿಯು ಸೇವೆಯಲ್ಲಿ ಒಂದು ಬಾರಿ ಮಾತ್ರ ಲಭ್ಯವಾಗತಕ್ಕದ್ದು ಮತ್ತು ಈ ಆದೇಶವನ್ನು ದಿನಾಂಕ: 01.02.2014 ರಿಂದ ಜಾರಿಗೆ ತರಲು ಮಂಡಳಿಯು ಒಪ್ಪಿತು.

ಹಾಗೆಯೇ, ಮಂಡಳಿಯಲ್ಲಿ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಥಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯವನ್ನು ಪಡೆಯುವ ಕುರಿತು ಪ್ರತ್ಯೇಕ ನಿಯಮಾವಳಿಗಳು ಜಾರಿಯಲ್ಲಿರುವುದರಿಂದ ದಿನಾಂಕ: 14.06.2012ರ ಸರ್ಕಾರಿ ಆದೇಶದನ್ವಯ ಮಂಡಳಿಯಲ್ಲಿ 'ಎ' ಮತ್ತು 'ಬಿ' ಗುಂಪಿನ ಅಧಿಕಾರಿಗಳು ಪ್ರಸ್ತುತ ಒಂದು ನಿರ್ದಿಷ್ಟ ಬ್ಲಾಕ್ ಅವಧಿಗೆ 30 ದಿನಗಳಿಗೆ ಮೀರದಂತೆ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಥಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯ ಪಡೆಯಲು ಮಂಡಳಿಯ ಅಧಿಕೃತ ಜ್ಞಾಪನ ದಿನಾಂಕ: 23.01.1999ರಲ್ಲಿ ಆದೇಶಿಸಿರುವುದನ್ನು ಮಾರ್ಪಡಿಸಿ ದಿನಾಂಕ: 01.01.2020 ರಿಂದ ಅನ್ವಯಿಸುವಂತೆ ಪ್ರತಿ ವರ್ಷ ಏಪ್ರಿಲ್ ರಿಂದ ಡಿಸೆಂಬರ್



ರವರೆಗಿನ ಯಾವುದೇ ತಿಂಗಳಿನಲ್ಲಿ ಒಂದು ತಿಂಗಳ ಮುಂಚಿತವಾಗಿ ನೋಟೀಸ್ ನೀಡಿ 15 ದಿನಗಳ ಗಳಿಕೆ ರಜೆಯನ್ನು ಆದ್ಯರ್ಪಿಸಿ ನಗದೀಕರಣ ಸೌಲಭ್ಯ ಪಡೆಯುವಂತೆ ಅವಕಾಶ ಕಲ್ಪಿಸಲು ಹಾಗೂ 'ಸಿ' ಮತ್ತು 'ಡಿ' ವೃಂದದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಇಲ್ಲದಂತೆ ದಿನಾಂಕ: 23.01.1999ರ ಆದೇಶವನ್ನು ಯಥಾವತ್ತಾಗಿ ಮುಂದುವರಿಸಲು ಮಂಡಳಿಯು ಒಪ್ಪಿತು.

(32) The Board in its meeting held on 17-10-2019 vide subject No.-25

25. ಮುಖ್ಯ ಮಂತ್ರಿರಿಯವರ ವಿಪತ್ತು ಪರಿಹಾರ ನಿಧಿಗೆ ದೇಣಿಗೆ ನೀಡುವ ಬಗ್ಗೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಸಭೆಯು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಿ, ಸಮಗ್ರವಾಗಿ ಚರ್ಚಿಸಿ, ಮಂಡಿಸಿರುವಂತೆ 2019-20ನೇ ಸಾಲಿನ ರಾಜಸ್ವ ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ Contribution to CMs Relief Fund ಅಡಿಯಲ್ಲಿ ಪರಿಷ್ಕೃತ ಆಯ-ವ್ಯಯದಲ್ಲಿ ಹಂಚಿಕೆ ಮೊತ್ತವನ್ನು ಪರಿಷ್ಕರಿಸಿಕೊಳ್ಳುವುದರೊಂದಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ “ಮುಖ್ಯ ಮಂತ್ರಿಯವರ ವಿಪತ್ತು ಪರಿಹಾರ ನಿಧಿಗೆ” ರೂ. 1,00,00,000.00 (ಒಂದು ಕೋಟಿ ರೂಪಾಯಿ ಮಾತ್ರ) ಕೋಟಿಗಳನ್ನು ದೇಣಿಗೆಯಾಗಿ ನೀಡಲು ನಿರ್ಣಯಿಸಲಾಯಿತು.

(33) The Board in its meeting held on 17-10-2019 vide subject No.-26

26. ಮುಖ್ಯ ಮಂತ್ರಿರಿಯವರ ವಿಪತ್ತು ಪರಿಹಾರ ನಿಧಿಗೆ ಮುರಡ್ಡೆ ಅಧಿಕಾರಿ / ನೌಕರರ ಒಂದು ಬಿಗದ ದೇಣಿಗೆಯಾಗಿ ನೀಡುತ್ತಿರುವ ಬಗ್ಗೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಸಭೆಯು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಿ, ಮಂಡಳಿ ನೌಕರರ ಉದಾರತೆಯನ್ನು ಪ್ರಶಂಸಿಸಿ, ಆಗಸ್ಟ್-2019ನೇ ಮಾಸದಲ್ಲಿ ಕಟಾವಣೆಗೊಳಿಸಿರುವ ಒಂದು ದಿನದ ವೇತನವನ್ನು “ಮುಖ್ಯ ಮಂತ್ರಿಯವರ ವಿಪತ್ತು ಪರಿಹಾರ ನಿಧಿಗೆ” ದೇಣಿಗೆಯಾಗಿ ನೀಡುತ್ತಿರುವ ಕ್ರಮವನ್ನು ಅವಗಾಹಿಸಿ, ಪಾವತಿಸಲು ಅನುಮತಿ ನೀಡಲಾಯಿತು.



(34) The Special Board in its meeting held on 27-11-2019 vide Circulated subject No.- I

I Annual Accounts for the Financial Year 2017-18.

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The Board during confirmation of the Certified Annual Accounts for Financial Year 2017-18 observed the delay in compilation of the Accounts of the Board every year. The Board enquired the delay in furnishing the Accounts to Assistant Controller (Accounts). The Assistant Controller (Accounts) explained the delay in furnishing the Accounts was from FY 2000-01 itself and this was due to manual compilation of Annual Accounts. The Assistant Controller (Accounts) further explained that previously there was a backlog of 3 to 4 years in compilation of the Accounts and this has been now streamlined and presently there is a backlog of one year only i.e., FY 2018-19 Accounts. As this is the first year of compilation of Annual Accounts (FY-2018-19) using Oracle Financials Software which is newly introduced in the Board, the AC(Accounts) requested time up to end of March 2020 for completion of compilation activity.

The Board after detailed discussion directed Assistant Controller (Accounts) to compile and submit the Annual Accounts of the Board for FY 2018-19, by the end of December 2019 without further delay, failing which necessary action shall be initiated. The accounts for the Financial Year 2018-19 should be adopted by the Board by March 2020.

After detailed discussion on the above subject moved under circulation among the Board Members, the Board accorded confirmation to:

- 3) Adoption of the Certified Annual Accounts and Audit Report of the Board for Financial Year 2017-18.
- 4) Permission to submit the Certified Annual Accounts and Audit Report for FY 2017-18 before both the Houses of State Legislature.



(35) The Special Board in its meeting held on 27-11-2019 vide subject No.-1

1. Work of Supply, Installation, Erection and Commissioning of Electro - Mechanical and Instrumentation with allied works for 32.5MLD Wet well at Bellandur, Amanikere, Bangalore.

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CE(WWM) explained the subject in detail. It was informed that In Bellandur Amanikere area, 90 MLD capacity STP was constructed under Kaveri Zone to which 60 MLD sewage is being pumped from Agaram pumping station. Under KMRP sewer pipeline was laid up to a point in Bellandur Amanikere area STP (near Thubarahalli side). It was observed that, there is a static difference of 17 Mtrs from this disposal point to STP inlet. This pipeline carries about 30 MLD of sewage from the catchment area of Siddapura, Ramagondanahalli and Thubarahalli. To connect the disposal of sewage from Thubarahalli side to 90 MLD Bellandur Amanikere STP, it is essential to construct an ISPS at Thubarahalli side to avoid the entry of sewage into Varthur lake.

CE(WWM) explained that the estimate for the Work of Construction of Intermediate Sewage Pumping Station at Bellandur STP was prepared by CE(P) Zone at a total cost of Rs.9,69,50,000/- comprising of Civil and Electro-Mechanical works. The proposal was cleared by Technical Committee in its meeting held on 17-10-2017 and also Administrative Approval was obtained from Board in its meeting held on 30-11-2017. Tenders for the above said work were invited by CE(P) office for 5 times. But there were no responses from any of the bidders. The poor/no responses to the various tender invitations are due to the reasons such as the proposed ISPS is in the middle of the nala, the wet well proposed is square/rectangular in shape with open excavation, the open excavation in the nala is difficult due to continuous flow in the nala, slushy soil and vehicular movement is also difficult and there is no proper approach road.

Later the file was handed over to CE (WWM) zone and the proposal was re-examined and it was learnt that the estimate for civil portion was prepared for Rs.4.62 crore where in the estimation for road works was not considered as per the site



conditions, the quantities for gravity main was considered as 15 Rmt only and soil test was not conducted but to prepare the estimate for earthwork portion the existing report of adjacent site of 90 MLD STP was considered and accordingly all the items were calculated. The Coffor Dam, Steel Girder, Boundary Wall, Drain Work and the Design, Drawing and Documentation were not considered in the civil portion of the work. The rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14. In the estimate, electro mechanical portion was prepared for Rs.4.97 crore wherein Design, Drawing and Documentation was not considered and the rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14 and quotations of 2016-17. This was also one of the reasons for poor response from bidders.

In order to have more responses from the competent and experienced bidders, two estimates have been prepared one for the Civil portion of work amounting to Rs.9.38 Crore and the other one for Electro-Mechanical portion of work amounting to Rs.6.99 Crore based on the SR of 2017-18 and present market rates. These estimates were prepared including the inlet chamber, wetwell with Coffor Dam for diversion of water flowing in the storm water drain, earthwork excavation has been considered after conducting a fresh soil investigation and its report, M30 grade concrete considered for RCC cutting edge wall chambers, culvert, electric room, saddle support, road and embankment works, Electro Magnetic Flow Meter. The Gravity main length has been increased since the nala has to be diverted with Coffor dam. The distance from the last manhole to the wetwell location has increased from 15mtrs to 80mtrs after assessing the same, plant drain and boundary wall rates have been considered along with contingencies, insurance, consultancy and supervision charges in the modified estimates. These estimates are based on the BWSSB SR 2017-18, PWD SR 2016-17, KUWSDB SR 2015-16, TWADB SR 2018-19 and the quotations based on the present market rates (2018-19).

These two estimates were placed before the Estimate Scrutiny Committee on 05-03-2019 and the committee cleared the same. The estimates were then placed before the Technical Committee in the meeting held on 29-07-2019 and committee cleared the subject and opined to go for separate tenders for civil works and electromechanical works as it will be easier for the early completion of the project.



Further, CE(WWM) explained that the for the Civil portion of the work the tenders were floated for 5 times and there was no proper response from the bidders having the specified pre qualification criteria. Now the tender has been floated for the 6th time. For the electro mechanical portion of work the tenders were invited through e-procurement portal for 4 times. Single bidder participated in the first call and no bids were received for next 2 calls. In response to the fourth call, two bidders, M/s.Friend's Engineering Corporation, Mumbai and M/s.Krushi Infrass India Pvt Ltd, Hyderabad have submitted their offers. The Tender Scrutiny Committee (Technical) in the meeting held on 07.11.2019 has cleared technical evaluation of these two firms and recommended for further action.

Financial bids of both the firms were opened on 14.11.2019 and observed that M/s.Friend's Engineering Corporation has offered to execute the work at a cost of Rs.7,34,45,486/- which is 19.9% above the amount put to tender of Rs.6,12,55,521/- and the firm M/s. Krushi Infrass India Pvt Ltd has offered to execute the subject work at a total cost of Rs.7,82,82,450/- which is 27.79% above the amount put to tender of Rs.6,12,55,521/-

The subject was placed before the Tender Scrutiny Committee (Finance) in the meeting held on 19-11-2019. The committee after review of the offers felt that the lowest offer of the firm M/s.Friend's Engineering Corporation amounting to Rs.7,34,45,486/- which is 19.9% above the amount put to tender of Rs.6,12,55,521/- is slightly on the higher side and recommended to accept this offer at a tender premium of 16.00% amounting to Rs.7,10,56,404/-.

This work is required to be completed early, since the Hon'ble NGT is strictly monitoring all the connected works to avoid pollution of Bellandur and Varthur Lakes and directed the Board to carryout all the connected works on war foot basis and the above works need to be taken up immediately and compliance to be submitted to Hon'ble NGT with the updated status on the Committee report headed by Hon'ble Justice Sri N. Santosh Hegde.

The Board after detailed discussions accorded approval to the lowest negotiated offer of the firm M/s. Friend's Engineering Corporation, Mumbai amounting to Rs.7,10,56,404/- which is 16% above the amount put to tender of Rs.6,12,55,521/- for



the work of Work of Supply, Installation, Erection and Commissioning of Electro-Mechanical and Instrumentation with allied works for 32.5MLD Wet Well at Bellandur Amanikere, Bangalore and suggested to take up this work along with the other work of Civil portion simultaneously and complete the work within the specified time period as submitted to Hon'ble NGT.

(36) The Special Board in its meeting held on 27-11-2019 vide subject No.-3

**3. Work of City Trunk Main along Eastern Route –CP-09
for JICA assisted BWSSP Phase III (CWSS Vth stage).**

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CE (K) explained the subject to the Board and details are as follows:

The Government of Karnataka (GoK) has approved the Cauvery Water Supply Scheme Stage V vide G.O. No. UDD 11 MNI 2015 Dated 12-10-2017 at a cost of Rs.5550 Crore. The approval is given by the GoK subsequent to the allocation of an additional 10 TMC (775 MLD) of Cauvery Water for Bangalore city in order to provide water supply to the newly added 110 villages which are part of BBMP and also for the water supply improvement in the entire city. The CWSS Stage V project is taken up with the financial assistance from JICA (Japan International Co-operation Agency). As per the Minutes of Discussion (MoD) the loan assistance is to the tune of 81,097 Million JPY. The same is divided into two Tranches, Tranche-1- 45,000 Million JPY & Tranche-2 - 36,097 Million JPY. The Loan agreement for the Tranche I of the CWSS Stage V has been signed on 24-01-2018, ID P 266 for 45,000 Million JPY for both water and sewerage component.

Water supply component consists of total nine packages, out of which the presently the CP-09 package Work of City Trunk Main along Eastern Route from Vajarahalli to Kadgoddi consists of various dia City clear water feeder ranging from 1600/1300/1000/800mm the total length of feeder is 44.35 km which is supplying portable water to 3 city reservoirs (Doddakannahalli, Hudi and Kadgoddi).



The Cost Estimate for the above package was prepared for Rs.389.09 Crores and placed before the Estimate Scrutiny Committee. The committee accorded the approval for the above in the meeting held on 27.02.2019. The Engineers Estimate for the work is prepared on the basis of 2018-19 SOR of BWSSB and for the items not available in SOR from the present market rate by obtaining quotations from 3 reputed manufacturers. The tender was invited for CP-09 for Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/130/2019-20 dated:08.05.2019 and IFT was published in Times of India, Indian Express and Prajavani on 08-05-2019. with last date to submit bids on 15-07-2019.

CE (K) explained the technical bid was opened on 15-07-2019. In response to the IFT, the following four firms have submitted the Bids.

5. M/s. NCC Limited.,
6. Larsen & Toubro Limited.,
7. M/s. Megha Engineering & Infrastructures Ltd.,
8. M/s. SPML – UGCL - JV.

The documents submitted by the firms are evaluated by JICA appointed ONTB consultants and the following four firms are technically responsive to Bid.

5. M/s. NCC Limited.,
6. Larsen & Toubro Limited.,
7. M/s. Megha Engineering & Infrastructures Ltd.,
8. M/s. SPML – UGCL - JV.

CE (K) explained the Technical Bid evaluation report (TBER) was submitted by ONTB consultants the same is approved and adopted by TSC (T) on 23.07.2019. Further TBER was submitted to JICA for concurrence and further process, accordingly JICA has given “No objection” to TBER and clearance to open the price Bids on 22 Aug 2019.

The Price Bid for CP-09 Package was opened on 28-08-2019 with concurrence of JICA, in the presence of Technically Qualified Bidders, consultants and BWSSB officials. The Price Bids were read out in front of 04 qualified bidders.



CE (K) explained the comparison of Quoted Price for all bidders with the Engineers Estimate considering corrections and unconditional Discounts are arrived and are as follows:

Bill No.	Description	Engineers Estimate	M/s.Larsen & Toubro Limited(L&T)	M/s.NCC Limited	SPML-UGCL JV	M/s. Megha Engineering & Infrastructures Limited	% Variation of LI (M/s.L&T) with respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	601799217	961281035	722264455	703760210	632511450	59.73%
II	Concrete and Allied works	777236618	768791698	835060378	881395972	82724650	-1.09%
III	Pipelines, Specials and Appurtenances	2425331637	2363541960	2595281474	2931072086	3406735285	-2.55%
IV	Trenchless Works	59836190	79515740	99450000	87986020	63240000	32.80%
V	Pipe bridge at Nice road crossing and Nallah crossing near Bellandur STP	26668559	31712959	37014475	36264617	41909335	18.92%
A	Sub Total of Bills I to V	3890872221	4204843392	4289070782	4640478905	4966120720	8.07%
B	Schedule of Day works	9699462	14495400	11258070	9495000	11528677.5	49.45%
	Total (Item A+B)	3900571683	4219338792	4300328852	4649973905	4977649398	
	Discount Offered		NIL	NIL	4.35%	NIL	
	Evaluated Bid Price (Excluding Provisional sum, Physical contingencies)	3900571683	4219338792	4300328852	4447700040	4977649398	8.17%
	% Variation of Bidder quoted price with Respect to Engineers Estimate		8.17%	10.25%	14.03%	27.61%	
C	Provisional sum,	272361208	272361208	272361208	272361208	272361208	



	Physical contingencies						
Total Bid Amount (Item A+B+C)	4,172,932,891	4,491,700,000	4,572,690,060	4,720,061,248	5,250,010,605.5		
RANK		L1	L2	L3	L4		

As per Price Bid Evaluation Report (PBER), submitted by the ONTB consultants, the lowest evaluated bidder L1 for this item rate contract is M/s Larsen & Toubro Ltd and is responsive to the Bid. The quoted bid price is Rs 421, 93,38,792/- (excluding provisional sum and contingency of Rs 27,23,61,208) which works out to 8.17% above Engineer's estimated cost .

Above subject was placed before TSC (F) committee of BWSSB on 30/09/19 for their review and approval. The committee opined that the price quoted by the lowest evaluated bidder M/s Larsen & Toubro Ltd amounting to Rs 421,93,38,792/- (excluding provisional sum and contingency of Rs 27,23,61,208) which is 8.17/- above the Engineer's estimated cost is reasonable as it includes GST and all other statutory requirement.

The Committee opined to send the Price Bid Evaluation Report (PBER) along with TSC (F) Proceedings to JICA for their concurrence towards the award of contract to the lowest evaluated bidder M/s Larsen & Toubro Ltd.

CE (K) explained In this regard, PBER along with TSC (F) Proceedings were forwarded to JICA as per JICA Guidelines Section 1.05, JICA's Review, Notes 06, for seeking concurrence for award of the contract to lowest Evaluated bidder M/s Larsen & Toubro Ltd for contract package CP-09.

The JICA has given concurrence for PBER and have expressed "No objection" for price evaluation and requested for conclusion and award of contract on 20th Nov'2019 for Work for City Trunk Main along Eastern Route -CP-09.

During the discussion, ACS (UDD) sought to know the procedure for placing the subject of financial evaluation to the board before or after the JICA concurrence.

CE (K) explained, and informed that in CP-09 package as advised by JICA based on the procedure in Delhi Jal Board, the subject of award of accepted contract is



put for the approval of the Board after obtaining concurrence from JICA. In Delhi Jal board the Chairman of the Board is the Hon'ble Chief Minister of Delhi and to expedite the work they adopted that procedure. Where as in BWSSB, on earlier occasions, the accepted bid was first placed before board for approval and then sent to JICA for concurrence and award of the contract. For all higher quotes where in negotiation or retendering was required, the proposal was sent to JICA for negotiation or retendering, by the Chairman without placing it before the Board for their concurrence, and after negotiation same is placed before the Board for acceptance of the Bid. The bid once finalized in the Board is sent for concurrence of JICA and on receiving concurrence the contract is signed.

Chairman, BWSSB informed that the earlier procedure will be adopted in future as the Delhi Jal Board constitution is different from BWSSB.

After detailed discussions, Board accorded approval for award of contract to the Lowest Bidder M/s Larsen & Toubro Ltd for the Work of City Trunk Main along Eastern Route: CP-09 Package, amounting to 421,93,38,792/-(excluding provisional sum and contingency of Rs 27,23,61,20) which is 8.17/- above the Engineer's estimated cost. The Cost is inclusive of all taxes and duties.

(37)The Special Board in its meeting held on 27-11-2019 vide subject No.-4

4. c. **Tender for the work of JICA Assisted BWSSP III, (CWSS Stage V) work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli: CP-07-for seeking approval for negotiation with lowest bidder.**
- d. **Tender for the work of JICA Assisted BWSSP III, (CWSS Stage V) work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli: CP-08-for seeking approval for award of the contract.**

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CE (K) explained the subject to the Board and details are as follows:

The Government of Karnataka (GoK) has approved the Cauvery Water Supply Scheme Stage V vide G.O. No. UDD 11 MNI 2015 Dated 12-10-2017 at a cost of



Rs.5550 Crore. The approval is given by the GoK subsequent to the allocation of an additional 10 TMC (775 MLD) of Cauvery Water for Bangalore city in order to provide water supply to the newly added 110 villages which are part of BBMP and also for the water supply improvement in the entire city. The CWSS Stage V project is taken up with the financial assistance from JICA (Japan International Co-operation Agency). As per the Minutes of Discussion (MoD) the loan assistance is to the tune of 81,097 Million JPY. The same is divided into two Tranches, Tranche-1- 45,000 Million JPY & Tranche-2 - 36,097 Million JPY. The Loan agreement for the Tranche I of the CWSS Stage V has been signed on 24-01-2018, ID P 266 for 45,000 Million JPY for both water and sewerage component.

Water supply component consists of total nine packages, out of which the presently the CP-07 package: Work for Supplying, Fabrications and Laying of Clear Water Transmission Mains from TK Halli to Harohalli CP-07 consists clear water Transmission Main of 3000mm dia and a total length of 43.5KM.

CP-08 package: Work for Supplying, Fabrications and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli CP-08 consists clear water Transmission Main of 3000mm dia and a total length of 25.5KM.

The Cost Estimate for the above package was prepared for Rs.865.75 Crores and 532.24crore respectively and placed before the Estimate Scrutiny Committee. The committee accorded the approval for the above in the meeting held on 07.03.2019. The Engineers Estimate for the work is prepared on the basis of 2018-19 SOR of BWSSB and for the items not available in SOR from the present market rate by obtaining quotations from 3 reputed manufacturers.

The tender was invited for CP-07 Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/68/2019-20 dated:26.04.2019 and CP-08 Package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/69/2019-20 dated:26.04.2019 and IFT was published in Times of India, Indian Express and Prajavani on 08-05-2019.with last date to submit bids on 29-06-2019. The Technical Bids for these packages was opened on 29th June'2019.



The following bidders participated in the bidding process:

For CP-07:

- 1) M/s. Megha Engineering and Infrastructure Ltd
- 2) M/s. Larsen and Toubro Ltd

For CP-08:

- 2) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 2) M/s Larsen and Toubro Limited
- 3) M/s SPML Infrastructure Limited

CE (K) explained that, the Technical Bid Evaluation was done by the PMC, M/s. ONTB, who submitted the Technical Bid Evaluation Report (TBER) on 09th July'2019 and 10th July'2019 for CP-07 and CP-08 respectively. The TBER for the package was placed before the Tender Scrutiny Committee (TSC)-Technical on 11th July'2019 and 17th July'2019 and the same was cleared by TSC (T). Subsequent to the receipt of approval from TSC (T) the TBER of the Contract package CP-07 and CP-08 was forwarded to JICA for their concurrence.

As per the TBER the Technically Qualified Bidders are as follows

For CP-07:

- 3) M/s. Megha Engineering and Infrastructure Ltd(MEIL)
- 4) M/s. Larsen and Toubro Ltd

For CP-08:

- 3) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 4) M/s Larsen and Toubro Limited

In the meantime BWSSB received three anonymous letters:

4. Letter addressed to Honourable PM, GOI by Sri. Radhey Shyam Rao
Dt: 12.07.2019
5. Letter addressed to Honourable PM, GOI by Sri. Radhey Shyam Rao
Dt: 15.07.2019.
6. Letter addressed to Honourable CM, (GOK by Sri Puneet Nagabhusushan
Dt: 15.07.2019.



The letters were on allegation against Bidding process and cartelization by 3 Companies from the office of Chief Secretary, GOK. Letters from Radhey sham dated 12-07-2019, 15-07- 2019 and Puneeth Nagabhushan, Dated 15-07-2019. In all these letters no identification i.e. address of complainant is not indicated hence the same is considered anonymous by GOK/BWSSB.

CE (K) explained the summary of the contents of the letters as follows:-

The letter states that the companies “M/s L&T, M/s MEIL and M/s NCC have targeted the JICA funded BWSSP III”. It indicates that in “BWSSB. Package 7: M/s Megha Engineering will bid and it will be supported by M/s L&T and M/s L&T will give higher bid. Similarly in Package 8: M/s Gayatri + M/s NCC (JV) will bid and M/s L&T will give higher bid. In both cases L&T is supporting only by giving higher bid with an understanding that in Orissa tenders NCC and Megha will support L&T and they will bid high prices". Apart from the above it was also indicated in the letter that other companies are restricted to participate in the above tender using CDR and NCLT clauses.

In another letter it is indicated that, in Orissa tender for Rural Water Supply Project pertaining to Keonjhar District under RWSS division M/s L & T has quoted as Lowest -1 whereas the two companies who were L-2 & 3 were none other than M/s Megha Engineering and M/s NCC who were supported by M/s L & T in BWSSB job.

Similarly in another letter it is depicted that M/s. NCC Ltd's, Contracts being terminated and being blacklisted by government entities, namely and hence should not be considered bidding process.

- 3) NTPC terminating coal mining contract with BGR group over allegations of Corruptions – where in M/s. NCC Ltd has been part of the Consortium with BGR group.
- 4) Rajasthan Government terminating the Contract of M/s. NCC Ltd over poor performance under Package 1 of the integrated Taranagar – Jhunjhunu-Sikar-Khetri Drinking Water Supply Project.



In this regard, responses were given to JICA, GOK and DEA vide the following reference letters.

6. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1085/19-20 Dt:16.08.2019.
7. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1155/19-20 Dt:27.08.2019
8. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1257/19-20 Dt:06.09.2019
9. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1416/19-20 Dt:24.09.2019
10. BWSSB/C/CE(K)/ACE K-1/TA-11/AE-2/1417/19-20 Dt:24.09.2019

CE (K) explained the responses of the above letters to the Board.

All the bid documents have been prepared as per JICA procurement guidelines and after taking concurrence from JICA. The bid requirement stipulates that Companies with poor financial condition (i.e. companies under CDR / NCL T /IBC) are not eligible to participate for the project. The same is as per the JICA procurement norms and the prequalification clause has been included in the bid document as per JICA's directive and the same has been concurred by JICA. CE (K) explained that, BWSSB has no knowledge of any sort of cartelization under these bidding.

CE (K) explained that, the referred cartelization in tenders of Orissa, as indicated in the letter, BWSSB is not in a position to comment on the same as these extraneous issues are not relevant to the current BWSSB project funded by JICA. Further what action JICA has taken in Orissa tender is also not known to BWSSB and JICA can take appropriate action in this regard. Hence all these matters were brought to the notice of JICA through the letter referred above.

Regarding Blacklisting of M/s NCC by M/s NTPC and other government agencies it is to be noted that the JICA assisted Bangalore Water Supply & Sewerage project III is being implemented under the JICA Procurement Guidelines. As per the Procurement Guidelines, JICA does not consider termination of a contractor or blacklisting of a contracting company by any agency or agencies other than that by JICA and/or Multilateral Development Banks (MDB's); such as ADB, World Bank, etc. A specific clause from the Instructions to Bidders, Clause 3: Corrupt and Fraudulent Practices, where JICA's stand is clearly indicated.

CE (K) explained that, as per JICA's procurement norms and as per the Standard Bidding Documents, that debarment of M/s NCC Ltd by any other agencies



cannot be considered for the JICA funded on-going Bangalore Water Supply and Sewerage Project III.

JICA in their letter dated 22nd Aug'2019 had given reference to the Letters addressed to Hon'ble PM, GOI. JICA has requested BWSSB to pay extreme attention for bids to be evaluated in fair manner.

Further in letter received from JICA's on 21st August 2019 on CP-08 where JICA had communicated their comments on the Technical Bid Evaluation of CP 08 Contract Package wherein it has requested to BWSSB to relook into the disqualification of the bidder M/s SPML.

After receipt of JICA's letter dated 21.08.2019, the subject of re-look into M/s. SPML's experience was brought to TSC(T) again on 6th Sep'2019. As per the TSC(T) recommendation additional details were sought from the bidder M/s SPML. The submitted details were reviewed by PMC and the subject was placed before Technical Committee on 20th Sep'2019. Technical Committee opined that since the particular matter is purely related to Structural Engineering and the same shall be referred to a Structural Expert to get an Expert opinion. Based on the opinion of Technical Committee, CE(K) office approached Dr K S Nanjunda Rao, Chief Research Scientist, Department of Civil Engineering, Indian Institute of Science (IISC) and referred the subject to IISC to get their expert opinion vide Letter Ref. NO BWSSB/CEK/ACEK-1/TA-11/AE/1410/2019-20 dated 24th Sep'2019. Dr K S Nanjunda Rao, Chief Research Scientist, IISC has provided his expert opinion on the subject matter vide his letter Ref. CiE/KSC/2019 – 703 dated 21st Oct'2019.

Based upon the expert opinion from Structural Expert from IISC the subject was placed before TSC(T) of 22nd Oct'2019 to solicit their opinion on the bidder SPML responsiveness to the Specific Construction Experience, EQC 2.4.2 (b), the bidder should have experience... in Construction of RCC Bridge for Roads I carrying Pipes: (b) Two contract of minimum 40m length over River I streams for carrying at least 1500mm internal diameter pipeline I minimum of 40m length of Road Bridge.

Based upon the recommendation of IISC, TSC(T) in their meeting dated 22nd Oct'2019 provided their concurrence on considering M/s SPML as a Technically



responsive bidder for Contract Package CP-08. Based upon the recommendation of TSC (T) the revised TBER for CP-08 Contract was prepared by ONTB Consultants and submitted to BWSSB.

The issues of the anonymous letters and replies regarding CP-07 and CP-08 was placed in the TSC (T) meeting dated: 22nd Oct'2019 the matter was discussed and TSC (T) committee opined that replies are true and decided to go ahead with tendering procedure.

The revised TBER for CP-08 was approved by TSC (T) on the meeting dated 25th Oct'2019. Based upon the approval of revised TBER for CP-08 and all the above meeting proceedings were forwarded to JICA for their necessary concurrence in both CP-07 and CP-08.

As per the Revised TBER the Technically Qualified Bidders in CP-08 are:

- 4) JV of M/s Gayatri Projects Ltd and M/s Nagarjuna Construction Company Ltd
- 5) M/s Larsen and Toubro Limited
- 6) M/s SPML Infrastructure Limited

After review on BWSSB replies w.r.t cartelization allegations and also on Evaluation report submitted by BWSSB on both the packages, JICA provided their concurrence on the TBER of CP-08 and CP-07 on 14th Nov'2019 and 18th Nov'2019. Subsequently based upon JICA concurrence the Price Bids of both the Contract Packages were opened on 18th Nov'2019 and 20th Nov'2019 respectively, in presence of the technically qualified bidders, ONTB Consultants and BWSSB Officials.

CE (K) explained that, the comparison of Quoted Price by each of the Bidders with the Engineers Estimate considering corrections and unconditional discounts in both Contract Packages are as follows:

**For CP-07 Package:**

Bill No.	Description	Engineer's Estimate	M/s. Megha Engineering & Infrastructures Limited (MEIL)	M/s. Larsen & Toubro Limited (L&T)	% Variation of L1 (M/s.MEIL) with respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	77,82,12,676	83,29,96,950	86,94,64,043	7.04%
II	Concrete and Allied works	98,58,58,041	1,10,60,75,850	1,07,29,37,075	12.19%
III	Pipeline, Specials and Appurtenances	6,04,89,38,526	7,28,70,53,125	7,50,14,73,512	20.47%
IV	Pipe Bridge crossings across Bheema and Arkavathi	12,23,42,244	14,92,87,135	18,99,50,111.50	22.02%
V	One way Surge tank	2,73,10,320	3,27,49,685	3,55,33,943	19.92%
VI	NH crossings	10,81,65,049	13,38,30,900	12,06,96,037.50	23.73%
VII	Electrical works	9,14,119	20,78,828	9,28,010	127.41%
A	Sub Total of Bills I to VII	8,07,17,40,975	9,54,40,72,473	9,79,09,82,732	18.24%
B	Discount Offered	NA	NIL	NIL	
C	Schedule of Dayworks	96,99,462	1,15,28,677.50	1,44,95,400	18.86%
D	Total (Item A - B + C) - Evaluated Bid Price (Excluding Provisional sum, Physical contingencies)	8,08,14,40,437	9,55,56,01,151	9,80,54,78,132	18.24%
	% Variation of Bidder quoted price with Respect to Engineer's Estimate		18.24%	21.33%	
E	Provisional sum, Physical contingencies	56,50,21,868	56,50,21,868	56,50,21,868	
	Total Bid Amount (Item D + E)	8,64,64,62,305	10,12,06,23,018.50	10,37,05,00,000	
Rank			L1	L2	



For CP-08 Package:

Bill No.	Description	Engineer's Estimate	M/s. SPML Infra Limited	M/s. Gayatri-NCC (J V)	M/s. Larsen & Toubro Limited (L&T)	% Variation of L1 (M/s.SPML Infra Limited) with Respect to Engineer's Estimate
		Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	Amount (Rs.)	
I	Earthworks	510,101,509	522,345,215	744,684,445	529,787,905	2.40%
II	Concrete and Allied works	633,732,951	765,872,128	884,762,192	673,277,939	20.85%
III	Pipeline, Specials and Appurtenances	3,694,112,201	4,033,865,807	3,984,060,403	4,464,422,278	9.20%
IV	Pipe Bridge across Suvarnamukhi river	80,797,779	90,937,928	86,737,264	92,062,904	12.55%
V	NH Crossings	36,055,016	47,170,335	55,447,228	39,417,613	30.83%
A	Sub Total of Bills I to V	4,954,799,456	5,460,191,413	5,755,691,532	5,798,968,638	10.20%
B	Discount Offered	NA	NIL	NIL	NIL	
C	Schedule of Dayworks	9,699,462	9,495,000	15,344,945	14,495,400	-2.11%
D	Total Evaluated Bid Price (Excluding Provisional sum, Physical contingencies) (Item A - B + C)	4,964,498,918	5,469,686,413	5,771,036,477	5,813,464,038	10.18%
	% Variation of Bidder quoted price with Respect to Engineer's Estimate		10.18%	16.25%	17.10%	
E	Provisional sum, Physical contingencies	346,835,962	346,835,962	346,835,962	346,835,962	
	Total Bid Amount (Item D + E)	5,311,334,880	5,816,522,375	6,117,872,439	6,160,300,000	
	Rank		L1	L2	L3	



TSC (F) meeting held on 22.11.2019 on Financial Evaluation of CP-07 and CP-08 packages committee cleared the subject based on the evaluation procedure adopted and also on JICA concurrence in each of the stages as prescribed in JICA guidelines.

After detailed discussion, it is opined that as CP-07 and CP-08 packages are followed the same Tendering, evaluation procedure which are concurred by JICA. Regarding the cartelization it is opined that subject matter of bidder's cartelization in Orissa Tenders and their repercussion is extraneous to BWSSB in present tendering procedure. The BWSSB is not in a position to comment upon the cartelization.

Board opined that allegation of M/s L & T getting L-1 in Orissa tender Keonjhar District RWSS is already brought to the notice of JICA and the view of JICA is not known on this subject. Hence while sending proposal to JICA it can be suitably mentioned.

Further, as in CP-08 package the tender premium is reasonable and the lowest bidder is not among the bidders mentioned in cartelization letter and board accepted the same. In case of CP-07 package, lowest quoted price is more than reasonable price, Board opined for conducting negotiation with L1 Bidder after obtaining the concurrence from JICA.

Based on the above discussion's Board accorded approval for the following:

For CP-07 Package: For conducting negotiation with M/s. MEIL on quoted rates of item nos 3 (Pipeline, Specials and Appurtenances), item no 4(Pipe Bridge crossings across Bheema and Arkavathi) and item no 7 (Electrical works) where in quoted rates are higher for the Work of Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli amounting to Rs 955,56,01,151/- (excluding provisional sum and contingency of Rs 56,50,21,868/-) which is 18.24% above the Engineer's Estimate and forward the same to JICA for concurrence on negotiation.



For CP-08 Package: For award of contract to M/s SPML Infrastructure Limited for the Work of Supplying, Fabrication and Laying of Clear Water Transmission Mains from Harohalli to Vajarahalli amounting to Rs.546,96,86,413/- (excluding provisional sum and contingency of Rs 34,68,35,962/-) which is 10.18% above the Engineer's Estimate and forward the same to JICA for their concurrence on award. The Cost is inclusive of all taxes and duties.

(38) The Board in its meeting held on 27-01-2020 vide Circulated subject No.-VI

VI. Work of Construction of 32.5MLD Wet Well and Raising Main at Bellandur Amanikere, Bangalore.

The above subject moved under circulation among the Board Members.

CE(WWM) explained the subject in detail. It was informed that in Bellandur Amanikere area, 90 MLD capacity STP was constructed under Kaveri Zone to which 60 MLD sewage is being pumped from Agaram pumping station. Under KMRP sewer pipeline was laid up to a point in Bellandur Amanikere area STP (near Thubarahalli side). It was observed that, there is a static difference of 17 Mtrs from this disposal point to STP inlet. This pipeline carries about 30 MLD of sewage from the catchment area of Siddapura, Ramagondanahalli, AECS Layout, Kundalahalli, P R Layout, Munekolalu and Thubarahalli. To connect the disposal of sewage from Thubarahalli side to 90 MLD Bellandur Amanikere STP, it is essential to construct an ISPS at Thubarahalli side to avoid the entry of sewage into Varthur lake.

CE(WWM) explained that the estimate for the Work of Construction of Intermediate Sewage Pumping Station at Bellandur STP was prepared by CE(P) Zone at a total cost of Rs.9,69,50,000/- comprising of Civil and Electro-Mechanical works. The proposal was cleared by Technical Committee in its meeting held on 17-10-2017 and also Administrative Approval was obtained from Board in its meeting held on 30-11-2017.



Tenders for the above said work were invited by CE(P) office for 5 times. But there were no responses from any of the bidders. The poor/no responses to the various tender invitations are due to the reasons such as the proposed ISPS is in the middle of the nala, the wet well proposed is square/rectangular in shape with open excavation, the open excavation in the nala is difficult due to continuous flow in the nala, slushy soil and vehicular movement is also difficult and there is no proper approach road.

Later the file was handed over to CE (WWM) zone and the proposal was re-examined and it was learnt that the estimate for civil portion was prepared for Rs.4.62 crore where in the estimation for road works was not considered as per the site conditions, the quantities for gravity main was considered as 15 Rmt only and soil test was not conducted but to prepare the estimate for earthwork portion the existing report of adjacent site of 90 MLD STP was considered and accordingly all the items were calculated. The Coffor Dam, Steel Girder, Boundary Wall, Drain Work and the Design, Drawing and Documentation were not considered in the civil portion of the work. The rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14. In the estimate, electro mechanical portion was prepared for Rs.4.97 crore wherein Design, Drawing and Documentation was not considered and the rates were considered based on the BWSSB SR 2016-17, KUWSDB SR 2013-14 and quotations of 2016-17. This was also one of the reasons for poor response from bidders.

In order to have more responses from the competent and experienced bidders, two estimates have been prepared one for the Civil portion of work amounting to Rs.9.38 Crore and the other one for Electro-Mechanical portion of work amounting to Rs.6.99 Crore based on the SR of 2017-18 and present market rates. These estimates were prepared including the inlet chamber, wetwell with Coffor Dam for diversion of water flowing in the storm water drain, earthwork excavation has been considered after conducting a fresh soil investigation and its report, M30 grade concrete considered for RCC cutting edge wall chambers, culvert, electric room, saddle support, road and embankment works, Electro Magnetic Flow Meter. The Gravity



main length has been increased since the nala has to be diverted with Cofferdam. The distance from the last manhole to the wetwell location has increased from 15mtrs to 80mtrs after assessing the same, plant drain and boundary wall rates have been considered along with contingencies, insurance, consultancy and supervision charges in the modified estimates. These estimates are based on the BWSSB SR 2017-18, PWD SR 2016-17, KUWSDB SR 2015-16, TWADB SR 2018-19 and the quotations based on the present market rates (2018-19). These two estimates were placed before the Estimate Scrutiny Committee on 05-03-2019 and the committee cleared the same. The estimates were then placed before the Technical Committee in the meeting held on 29-07-2019 and committee cleared the subject and opined to go for separate tenders for civil works and electromechanical works as it will be easier for the early completion of the project.

Further, CE(WWM) explained that for the Civil portion of the work the tenders were floated for 4 times, since Single bidder participated in the first call and no bids were received for next two calls. In response to the fourth call M/s.Krusha Infra India Pvt Ltd, Hyderabad have submitted their offers. The Tender Scrutiny Committee (Technical) in the meeting held on 07.11.2019. After detailed discussion the Committee has suggested to invite the tender for 5th time since the bidder doesn't qualify the PQ criteria fixed. Further TSC (T) in the meeting held on 11.11.2019 has accorded approval to invite the tender for the 5th time by relaxing the PQ criteria.

Accordingly tender was invited through the procurement portal for the 5th time, where no bids were received. Hence it was recalled for the 6th time with the last date of bid as 02/12/2019. M/s.Krusha Infra India Pvt Ltd, Hyderabad has submitted their offer in the sixth call. The subject was placed before the Tender Scrutiny Committee (Technical) after evaluation for its concurrence and clearance of the responsive offer



Division for a period of 10 years for conducting projects to enhance compliance with drinking water standards at the user end by assessing water quality in the distribution system of pumping stations in BBMP wards of Bangalore, to monitor periodical assesment of the water quality pertaining to all the lakes under the BBMP jurisdiction in co-ordination with BWSSB and Lake Development Authority of BBMP area as per the guidelines and also extend technical support in assessing the risks and contamination entry points and suggesting ameliorative measures, water use efficiency and sustainable supply of potable water in Bangalore with applicable conditions as detailed below:

- Total available space to be used for above said purpose is 2200sqft in ground floor and 4300sqft at first floor of BWSSB Office building near to Suvarna Bhavan where Stores division and Borewell division was existing near Stores yard at Malleshwaram, Bangalore.
- The ownership of the building is with BWSSB only.
- At any point of time, permission or usage of building may be withdrawn without prior intimation to EMPRI.
- Any Construction or other activities should not be taken up from EMPRI.
- The bills of Telephone, Internet, Electricity and Water shall be borne by EMPRI for the area occupied.

(40)The Board in its meeting held on 27-01-2020 vide subject No.-30

30. Work of Operation & Maintenance of 6 Nos. of Truck Mounted High Pressure Jetting-Cum-Suction Machines and 12 Nos. of Dump Tankers pertaining to V.Valley, K & C Valley & Hebbal Valley for a period of 3 years.

CE(WWM) explained the subject in detail. For the above work tender was invited through through e-Procurement Portal. In response to IFT, two firms were submitted their offer within stipulated date and time namely; M/s. TPS Infrastructure Limited and M/s Aryan Pumps and Enviro Solutions Pvt Ltd. The technical offers of the firms was opened on 02.12.2019 and downloaded through e-Procurement Portal. On reviewing the offers as detailed in Check List-II, the offers of the firms were recommended to be Technically Non-Responsive as both the firms do not meet all the requirements as per tender And to Re-invite short term tenders by giving period of submission of tenders as 15 days. In response to IFT, three firms submitted their offers within stipulated date and time namely; M/s. TPS Infrastructure Limited , M/s Aryan Pumps and Enviro Solutions Pvt Ltd and M/s.Ensol Multiclean Equipments Pvt., Ltd.



In response to IFT, technical bid of only one firm was found responsive M/s Aryan Pumps and Enviro Solutions Pvt Ltd. The Firm M/s Aryan Pumps and Enviro Solutions Pvt Ltd quoted **Rs.14,64,34,469/- which is 24.83% above** the amount put to tender of **Rs.11,72,99,432/-**.

The above subject was placed before TSC(F) meeting and Committee opined to reduce the offer of the firm to Rs.13,46,94,938/- which works out to 14.83% above the amount put to tender of Rs.11,72,99,432/- as against their original quoted offer of Rs.14,64,34,469/- which is 24.83% above the amount put to tender.

After detailed discussion Board has accorded approval to the firm of M/s Aryan Pumps and Enviro Solutions Pvt Ltd amounting to **Rs.12,87,94,776/-** which works out to **9.8% above** the amount put to tender of **Rs.11,72,99,432/-** for above work.

(41)The Board in its meeting held on 27-01-2020 vide subject No.-35

35. ಮುಖ್ಯಮಂತ್ರಿಗಳ ಪರಿಹಾರ ನಿಧಿಗೆ ಪ್ರಸಕ್ತ ಸಾಲಿನಲ್ಲಿ
ಠೇವಣಿವಲಿಯಾಗಿ ರೂ.೧.೦೦ ಕೋಟಿ ಮೊತ್ತ ದೇಣಿಗೆಯಾಗಿ
ನೀಡುವ ಸರಿಯಿದೆ.

ಆ.ಸ ಮತ್ತು ಮು.ಲೆ.ಅ ರವರು ವಿಷಯವನ್ನು ವಿವರವಾಗಿ ಮಂಡಿಸಿದರು. ಚರ್ಚೆಯ ನಂತರ ಮುಖ್ಯಮಂತ್ರಿಗಳ ಪರಿಹಾರ ನಿಧಿಗೆ ಮಂಡಳಿ ವತಿಯಿಂದ ಪ್ರಸಕ್ತ ಸಾಲಿನಲ್ಲಿ ಹೆಚ್ಚುವರಿಯಾಗಿ ರೂ.1.00 ಕೋಟಿ (ರೂಪಾಯಿ ಒಂದು ಕೋಟಿ ಮಾತ್ರ) ದೇಣಿಗೆಯಾಗಿ ನೀಡಲು ಮಂಡಳಿ ನಿರ್ಣಯಿಸಿತು.

(42)The Board in its meeting held on 27-01-2020 vide subject No.-36

36. **Revision of Water Tariff.**

The Engineer-in-Chief (EIC) explained the subject in detail. EIC informed that the Board has to meet several costs such as Establishment Expenses, Power Charges, O and M cost, General Administration expenses, Depreciation, Interest Payments, Capital repayment, Provisions, etc, which are essential for effective operation of the complete water supply and sanitary system services. EIC also informed that over the



years, the expenditure of the Board has increased tremendously and income earned is not matching to the total expenses resulting in deficit all the time. After the previous revision of water tariff in the year 2014, the water tariff has not been revised in spite of increase in power charges, establishment charges and operation and maintenance (O & M) charges, etc., to meet the deficit due to increased expenditure. While the sustainability of the Board and service is of primary importance, the Water Tariff revision is proposed.

EIC informed that the tariff revision is proposed based on recovery of essential expenditure as Case-1, recovery of Essential and Obligatory expenditures as Case-2 and Full cost recovery as Case-3.

- Case 1 - Recovery of Essential expenditure (includes Power charges, establishment, establishment, repairs, system operational and maintenance expenses, minor improvement works, etc including institutional borrowings).
- Case 2 - Recovery of Essential and Obligatory expenditures (depreciation and interest payments)
- Case 3 - Full cost Recovery (Essential, Obligatory and Capital Amortization).

EIC also informed that the existing tariff for Domestic High rise buildings, Flats, group housing, multi-storied buildings is Rs. 22/KL flat for all consumptions. As the consumers under this category are also domestic consumers; hence it is proposed to bring this category of consumers under the Domestic Consumption block. The EIC further informed that it is proposed that the meter service charges shall be uniform for all categories of consumption, but varying as per the bore size.

The Board after detailed discussion opined that the sustainability of the Board and service is of primary importance and accorded approval to recommend the tariff revision to the Govt. based on recovery of essential and obligatory expenses (Case-2) as detailed below:

Tariff for Domestic Connections		
Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate, Rs/kL
0-8,000	7	10
8001-25000	11	25
25001-50000	26	45
above 50001	45	65



Tariff for Non Domestic Connections		
0-10000	50	85
10001-25,000	57	100
25001-50,000	65	120
50,001-75,000	76	130
Above 75,001	87	130
Bulk Water Rates		
Tariff for Industrial Connections , Swimming pools, BIAL, Bidadi Industrial Area (KIADB) Flat rate		
For all consumptions	90	125

Domestic High rise buildings, Flats, Group housing, multi-storied buildings (Existing tariff is having flat rate of Rs.22/-)		
Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate Rs/KL
0-25000	22	25
25001-50000		45
50001-100,000		65
above 100,001		65

The consumption by is divided the number of flats in the building and charge the rates applicable accordingly under the consumption block which they fall into. For this category the first slab is from 0-25000 L/month. The first slab of 0-8000L/month is considered for the consumers under the category of urban poor. If any of the building is declared/notified as EWS dwelling then if the consumption falls under the first slab i.e 0-8000 Litres the rates of the same slab shall be applicable i.e Rs. 10/KL. But once the consumption exceeds 8000 KL they will be charged as regular tariff as shown above.

Miscellaneous Bulk Consumers:

Consumption Block	Existing Tariff Water Rate, Rs/kL	Proposed tariff for the recovery of Essential & Obligatory Expenditure Water Rate Rs/kL
Kanakapura Bulk Supply	7	10
Vedavijnana Maha Vidya Peeta, Jain International Residential School	60	85

Meter Service Charges				
Bore size	Existing Rates			Proposed charges
	Domestic	Partial Non-Domestic	Non-Domestic	
15 mm				



All plot sizes	30	75	100	30
2000 sft & flats	100	150	200	30
20 mm				
All plot sizes	100	150	200	100
More than 2000 & Flats	150	200	300	100
25 mm	300	500	750	300
32 mm	500	750	1000	500
40 mm	750	1000	1000	750
50 mm	1000	1000	1000	1000
75 mm	1250	1250	1250	1250
100 mm	1500	1500	1500	1500
125 mm	1750	1750	1750	1750
150 mm	2000	3000	3000	2000
200 mm	3000	4000	5000	3000
250 mm	3500	5000	6000	3500
300 mm	4000	6000	7000	4000
400 mm	5000	7000	8000	5000

All other charges shall remain the same.

(43) The Board in its meeting held on 14-02-2020 vide subject No.-1

- Award of Contract for the Work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli: CP-07 for JICA assisted BWSSP Phase III (CWSS Vth stage).**

CE (K) explained the subject to the Board and details are as follows:

The CWSS Stage V project is taken up with the financial assistance from JICA. The Cost Estimate for the above package was prepared for 865.75crore. The tender was invited and after evaluation L1 bidder M/s Megha Engineering and Infrastructures Ltd (MEIL) has quoted Rs.955,56,01,151/- which is 18.24% above the estimated cost (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-).

As the rate quoted by the L1 bidder was high, JICA on 10th Jan'2020 concurred "no objection" to the Rejection of bids and to conduct price negotiation. Negotiation was conducted in the TSC(F) Committee on 16.1.2020 and the committee reviewed and recommended award of contract to M/s. MEIL at a negotiated offer of Rs.921,32,31,664/- (excluding provisional sum and contingency of Rs 56,50,21,868/-



) which is 14% above the Engineer's estimated cost and to place the subject before Board for approval and upon approval forward the same to JICA for concurrence.

Accordingly the subject matter for award of contract was placed in the Board meeting held on 27.01.2020. After detailed discussion, Board opined that the negotiated cost is not reasonable as compared to the premium of awarded package of CP-08. Accordingly, Board directed to conduct re-negotiation with the L1 bidder M/s. Megha Engineering and Infrastructures Ltd for CP-07 package to match the premium of awarded package of CP-08 and place the same before Board for further decision.

As per the Board direction's, the subject was placed before the TSC (F) committee on 10.2.2020 to conduct re-negotiation with the L1 Bidder M/s. MEIL for CP-07 Package to obtain reasonable cost as compared to premium of awarded package of CP-08.

The following re-negotiated bid price offered by the L1 Bidder M/s. MEIL.

Bill No	Specification	Negotiated Rates in Rs	Re-Negotiated Rates in Rs
III	Pipe Line, Specials and Appurtenances	Rs. 700,16,64,925/-	Rs. 684,03,23,425/-

CE(K) explained further the committee reviewed, recommended for award of contract of CP-07 package at a re-negotiated offer of L1 bidder of M/s.Megha Engineering and Infrastructures Ltd amounting to Rs.905,18,90,164.5/- which is 12.008% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-) as the cost offered by the bidder is found reasonable and to place the subject again before the Board for approval and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

After detailed discussions, Board decided that the package may be awarded at Rs.900,67,65,367/- which is 11.45% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.56,50,21,868/-) as it is found reasonable for the reasons given by the TSC(Finance). The willingness of L-1 bidder shall be taken for this rate and cost of the award, subsequently the concurrence of



JICA shall be obtained before the award of Contract of CP-07: Work for Supplying, Fabrication and Laying of Clear Water Transmission Mains from TK Halli to Harohalli.

(44)The Board in its meeting held on 14-02-2020 vide subject No.-2

2. Award of Contract for the Work of City Trunk Main along Western Route CP-10 for JICA assisted BWSSP Phase III (CWSS Vth stage).

CE (K) explained the subject to the Board and details are as follows:

The CWSS Stage V project is taken up with the financial assistance from JICA. The Cost Estimate for the above package was prepared for Rs.511.05 Crores. The tender was invited and after evaluation L1 bidder M/s Megha Engineering and Infrastructures Ltd (MEIL) has quoted Rs.560,07,64,738.5/- which is 17.5% above the estimated cost (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-).

As the rate quoted by the L1 bidder was high, JICA on 10th Jan' 2020 concurred "no objection" to the Rejection of bids and to conduct price negotiation. Negotiation was conducted in the TSC(F) Committee on 16.1.2020 and the committee reviewed and recommended award of contract to M/s. MEIL at a negotiated offer of Rs.536,29,60,198.5/- (excluding provisional sum and contingency of Rs.33,29,75,765/-) which is 12.51% above the Engineer's estimated cost and to place the subject before Board for approval and upon approval forward the same to JICA for concurrence.

Accordingly the subject matter for award of contract was placed in the Board meeting held on 27.01.2020. After detailed discussion, Board opined that the negotiated cost is not reasonable as compared to the premium of awarded package of CP-09. Accordingly, Board directed to conduct re-negotiation with the L1 bidder M/s. Megha Engineering and Infrastructures Ltd for CP-10 package to match the premium of awarded package of CP-09 and place the same before Board for further decision.



As per the Board direction's the subject was placed before the TSC(F) committee on 10.02.2020 to conduct re-negotiation with the L1 Bidder M/s. Megha Engineering and Infrastructures Ltd for CP-10 Package to obtain reasonable cost as compared to premium of awarded package of CP-09.

The following re-negotiated bid price offered by the L1 Bidder M/s. MEIL.

Bill No	Specification	Negotiated Rates in Rs	Re-Negotiated Rates in Rs
III	Pipeline, Specials and Appurtenances	Rs.364,26,80,675/-	Rs. 357,13,49,825/-

CE(K) explained further the committee reviewed, recommended for award of contract of CP-10 package at a re-negotiated offer of L1 Bidder M/s. Megha Engineering and Infrastructures Ltd amounting to Rs.529,16,29,348.5/- which is 11.017% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-) as the cost offered by the bidder is found reasonable. And to place the subjects again before the Board for approval and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

After detailed discussions, Board decided that the package may be awarded at Rs.521,93,11,027/- which is 9.5% above the Engineers Estimate (Excluding provisional Sum & physical contingencies of Rs.33,29,75,765/-) as it is found reasonable for the reasons given by the TSC(Finance). The willingness of L-1 bidder shall be taken for this rate and cost of the award, subsequently the concurrence of JICA shall be obtained before the award of Contract of CP-10: Work of City Trunk Main along Western Route.

(45)The Board in its meeting held on 14-02-2020 vide subject No.-17

17. Annual Financial Statement for 2020-21 and Revised Estimates for 2019-20.

FA&CAO explained the subject in detail.

The Annual Financial Statement (Budget) for the year 2020-21 is required to be submitted to the State Government, in the month of February 2020 as provided



under Section 17 of the B.W.S.S Act, 1964, and the regulations made there under. Before submission of the Budget to the State Government, the approval of the Board has to be obtained for the Budget Estimates for 2020-21 and the Revised Estimates for 2020-21.

The **Annual Financial Statement (Budget) for the year 2020-21** along with the **Revised Estimates for the year 2019-20** based on the actual and as estimated for the rest of the year is placed in the file, as required under section 17 of the BWSS Act 1964.

The Annual Financial Statement has been prepared under three sections :

1. Section-I Capital Receipts & Capital Expenditure - Statement – I, II
2. Section-II Revenue Receipts & Revenue Expenditure - Statement - III
3. Section-III Debt, Deposit & Suspense Statement – IV

2. REVISED ESTIMATES FOR THE YEAR 2019-20

CAPITAL RECEIPTS & CAPITAL EXPENDITURE

3. As against the estimated receipts of **Rs.321237.10 Lakhs** during the year 2019-20, the expected realization is **Rs.208146.00 Lakhs** The following table will indicate the original and Revised Estimates.

CAPITAL RECEIPTS(Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	<u>MAJOR SOURCES FOR CAPITAL WORKS OF BWSSB</u>		
1	Board Contribution - Prorata Charges	65674.43	77695.00
2	Funds out of Board Reserves created out of Accumulated Prorata Charges	35000.00	0.00
3	Beneficiary Capital Contribution (Maintained by Board)	23654.76	4496.00
4	Central Government Assistance	9378.61	9123.00
5	State Government Assistance	154473.71	105764.00
6	Mega City Works-Funded by KUIDFC	26620.60	11068.00
7	Karnataka State Pollution Control Board	6435.00	0.00
	TOTAL	321237.11	208146.00



CAPITAL EXPENDITURE

4. As against the estimated expenditure of **317809.38 Lakhs** during the year 2019-20, the expected expenditure is **Rs.196268.60 Lakhs** The following table indicates the original and Revised Estimates.

(Rs. In Lakhs)			
SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	<u>EXPENDITURE FOR CAPITAL WORKS OF BWSSB</u>		
1	CWSS Stage IV Phase I	10.00	0.00
2	CWSS Stage IV Phase II	8389.00	2441.39
3	CWSS Stage V	59700.00	19827.71
4	Greater Bangalore Water Supply Project	3081.76	1432.00
5	Karnataka Municipal Reforms Project	1657.00	1092.00
6	Water Supply to 110 Villages Project	51866.00	35088.76
7	UGD Facility to 110 Villages Project	37050.00	21452.24
8	JnNURM Transition Phase Project	2527.50	1700.00
9	AMRUT Projects	27646.04	38799.28
10	Mega City Revolving Fund Projects	38500.00	34588.81
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	6885.00	222.00
12	UGD Facility and treatment of Sewage at Hesaraghatta	8300.00	1098.97
13	Revival / Refurbishment of Hesaraghatta and T G Halli Reservoir	11270.00	5125.00
14	Rehabilitation of old Sewerage Treatment Plants	2800.00	0.00
15	Improvement Works of the Board	58127.08	33400.44
	TOTAL	317809.38	196268.60

Capital Accounts: (Rs. In Lakhs)			
SL.NO	DETAILS	2019-20	SURPLUS / DEFICIT BUDGET
1	CAPITAL RECEIPTS	208146.00	(+)11877.40
2	CAPITAL EXPENDITURE	196268.60	

There is a capital surplus of **Rs.11877.40 Lakhs** for the year 2019-20. The Capital Surplus of Rs.11877.40 Lakhs is after utilizing Reserves created out of accumulated prorata charges collected.



REVENUE RECEIPTS (Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
A	WATER SUPPLY RECEIPTS		
1	Water Supply And Sewerage	218035.90	138000.00
2	Miscellaneous Receipts From Consumers		
3	Other Receipts		
	TOTAL	218035.90	138000.00
B	SEWERAGE RECEIPTS		
1	Sewerage Disposal	253.10	300.00
	TOTAL	253.10	300.00
C	GENERAL RECEIPTS		
1	General Receipts	25200.69	10000.00
	TOTAL	25200.69	10000.00
D	GRANTS FROM GOVERNMENT		
1	Grants from Government	1837.00	1837.00
	TOTAL REVENUE RECEIPTS	245326.70	150137.00

As against the estimated receipts of **Rs.245326.70 Lakhs** during the year 2019-20, the expected realization is **Rs.150137.00 Lakhs**

The following table indicates the original and Revised Estimates of Revenue Expenditure

REVENUE EXPENDITURE: (Rs. In Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE
		2019-20	2019-20
	<u>REVENUE EXPENDITURE</u>		
1	Establishment	28751.10	20000.00
2	Power charges	68015.40	72000.00
3	Maintenance Works	28703.10	28500.00
4	General Administration	35520.00	23798.00
5	Debt Servicing	62161.92	60000.00
	TOTAL	223151.52	204298.00
4	Pension Fund Contribution	10000.00	10000.00
4	GIS Fund	200.00	200.00
5	Depreciation Reserve	20000.00	15000.00
	TOTAL	30200.00	25200.00
	TOTAL REVENUE EXPENDITURE	253351.52	229498.00

**REVENUE ACCOUNT**

SL.NO	DETAILS	2019-20	SURPLUS / DEFICIT BUDGET
1	REVENUE RECEIPTS	150137.00	(-)79361
2	REVENUE EXPENDITURE	229498.00	

The Board is having a Revenue Deficit of Rs.79361.00 Lakhs for the year 2019-20.

Deposit Contribution Works from BMP , BDA & Others agencies

SL. NO	DETAILS	Receipts	Expenditure	Surplus /Deficit
1	Budget Estimate	42543.10	42138.35	404.75
2	Revised Estimate	48924.57	48459.10	465.46

(Rs. In Lakhs)

As against the estimated receipts of Rs.42543.10 Lakhs during the year 2019-20, the expected realisation is Rs.48924.57 Lakhs. As against the estimated expenditure of Rs.42138.35 Lakhs during the year 2019-20, the expected expenditure is Rs.48459.10 Lakhs leaving a surplus of Rs.465.46 Lakhs.

BUDGET ESTIMATES FOR 2020-21**CAPITAL RECEIPTS (Rs. In Lakhs)**

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
	<u>MAJOR SOURCES FOR CAPITAL WORKS OF BWSSB</u>	
1	Board Contribution - Prorata Charges	83200.40
2	Funds out of Board Reserves created out of Accumulated Prorata Charges	0.00
3	Beneficiary Capital Contribution (Maintained by Board)	11800.00
4	Central Government Assistance	17286.52
5	State Government Assistance	146156.00
6	Mega City Works-Funded by KUIDFC	30863.91
7	Karnataka State Pollution Control Board	0.00
8	Asian Infrastructure Investment Bank	0.00
	TOTAL	289306.83



Capital Receipts from all sources for capital projects is expected to the tune of Rs.289306.83 Lakhs of during the year 2020-21. The Board is expecting Rs.146156.00 Lakhs from State Government and Rs.17286.52 Lakhs from Central Government towards assistance for the capital intensive projects. The Board is also infusing Rs. 83200.40 Lakhs from the prorata collections and Rs.11800.00 Lakhs from Beneficiary Capital Contribution.

CAPITAL EXPENDITURE (Rs. In Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
1	CWSS Stage IV Phase I	0.00
2	CWSS Stage IV Phase II	4290.00
3	CWSS Stage V	80000.00
4	Greater Bangalore Water Supply Project	4035.04
5	Karnataka Municipal Reforms Project	665.00
6	Water Supply to 110 Villages Project	39118.00
7	UGD Facility to 110 Villages Project	27240.00
8	JnNURM Transition Phase Project	535.00
9	AMRUT Projects	11030.00
10	Mega City Revolving Fund Projects	29150.00
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	4785.00
12	UGD Facility and treatment of Sewage at Hesaraghatta	1860.00
13	Revival / Refurbishment of Hesaraghatta and T G Halli Reservoir	10000.00
14	Rehabilitation of old Sewerage Treatment Plants	5000.00
15	Improvement Works of the Board	60095.96
	TOTAL	277804.00

CAPITAL ACCOUNT (Rs. In Lakhs)

SL.NO	DETAILS	2020-21	SURPLUS / DEFICIT
1	CAPITAL RECEIPTS	289306.83	(+)11502.83
2	CAPITAL EXPENDITURE	277804.00	

There is a capital surplus of **Rs.11502.83 Lakhs** for the year 2020-21. The Capital surplus is after infusing the Board Reserves created out of accumulated prorata charges collected and the Beneficiary Capital Contribution of Rs. 64131.00Lakhs.



REVENUE ACCOUNTS :
REVENUE RECEIPTS (Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
A	WATER SUPPLY RECEIPTS	
1	Water Supply And Sewerage	138000.00
2	Miscellaneous Receipts From Consumers	
3	Other Receipts	
	TOTAL	138000.00
B	SEWERAGE RECEIPTS	
1	Sewerage Disposal	300.00
	TOTAL	300.00
C	GENERAL RECEIPTS	
1	General Receipts	25000.00
	TOTAL	25000.00
D	GRANTS FROM GOVERNMENT	
1	Grants from Government	1837.00
	TOTAL REVENUE RECEIPTS	165137.00

REVENUE EXPENDITURE (Rs. in Lakhs)

SL.NO.	PARTICULARS	BUDGET ESTIMATE
		2020-21
1	Establishment	22000.00
2	Power charges	75000.00
3	Maintenance Works	31850.00
4	General Administration	26180.00
5	Debt Servicing	75000.00
	TOTAL	230030.00
4	Pension Fund Contribution	25000.00
4	GIS Fund	200.00
5	Depreciation Reserve	20000.00
	TOTAL	45200.00
	TOTAL REVENUE EXPENDITURE	275230.00



REVENUE ACCOUNT (Rs. In Lakhs)

SL.NO	DETAILS	2020-21	SURPLUS / DEFICIT BUDGET
1	REVENUE RECEIPTS	165137.00	(-)110093.00
2	REVENUE EXPENDITURE	275230.00	

The Board is having a Revenue Deficit of **Rs.110093.00 Lakhs** for the year 2020-21, this is due to the enhancement of debt liability towards Government Loan, KUIDFC Loan in addition to increase in the Power Charges and works expenditure.

C) Deposit Contribution Works from BDA , BBMP, KIADB, KPCL, BMRCL, HPCL, Government Hospitals, Defence and other private agencies: (Rs. In Lakhs)

SL.N O	DETAILS	Receipts	Expenditure	Surplus /Deficit
1	Budget Estimate	56263.25	55727.97	535.28

The work is being carried out on behalf of BDA , BBMP, KIADB, KPCL, BMRCL, HPCL, Government Hospitals, Defence and other private agencies, hence there is no financial burden on board funds.

The Overall position of the Board for the FY 2019-20 (Revised Estimates) and FY 2020-21 (Budget Estimates) is as follows:

SL.NO	PARTICULARS	BUDGET ESTIMATE	REVISED ESTIMATE	BUDGET ESTIMATE
		2019-20	2019-20	2020-21
I	<u>CAPITAL ACCOUNT:</u>			
A	RECEIPTS	321237.11	208146.00	289306.83
B	PAYMENTS	317809.38	196268.60	277804.00
	SURPLUS(+)/DEFICIT(-)	3427.73	11877.40	11502.83
II	<u>REVENUE ACCOUNT:</u>			
A	RECEIPTS	245326.70	150137.00	165137.00
B	EXPENDITURE	253351.52	229498.00	275230.00
	SURPLUS(+)/DEFECIT(-)	-8024.82	-79361.00	-110093.00



III	<u>DEBT DEPOSIT SUSPENSE</u>			
	<u>ACCOUNT:</u>			
A	RECEIPTS	42543.10	48924.57	56263.25
B	EXPENDITURE	42138.35	48459.10	55727.97
	SURPLUS(+)/DEFICIT(-)	404.75	465.47	535.28
	OVERALL NETT	-4192.35	-67018.13	-98054.89

After detail discussion the Annual Financial Statement(Budget) for 2020-21 and Revised Estimates for 2019-20 was accepted by the Board and approved to submit the printed Annual Financial Statement(Budget) for 2020-21 and Revised Estimates for 2019-20 to the State Government for placing before both the Houses of State Legislature.

(46)The Board in its meeting held on 19-03-2020 vide subject No.-1

- 1.
3. **Tender for the work of JICA Assisted BWSSP Phase III, CP-04 Package Design/ Engineering, Construction Commissioning of Pump Stations and Reservoirs at Harohalli and Tataguni with Operations and Maintenance of Seven (7) Years- Reg: Clearance for Award of Contract.**
4. **Tender for the work of JICA Assisted BWSSP Phase III, CP-03 Package Design/ Engineering, Construction Commissioning of Pump Station and Reservoir at T.K.Halli with Operations and Maintenance of Seven (7) Years- Reg: Clearance to Conduct Price Negotiation.**

CE (K) explained the subject to the Board and details are as follows:

The above works were taken up under the Bangalore Water Supply and Sewerage Project (Phase-3) under the ODA Loan from Japan International Co-operation Agency (JICA) in the amount of 45,000 Million Yen towards the cost BWSSB Project Phase-3 vide loan agreement No.IDP – 266 at 24th January 2018 and intends to apply a portion of the proceeds of these loans to payments under the contract BWSSP (III)/JICA/CP-03 and BWSSP (III)/JICA/CP-04 i.e., as per guidelines for procurement under JICA loans.

The Revised Cost Estimate for CP-04 and CP-03 based on latest SOR was placed before the Estimate Scrutiny Committee meeting held on 24.02.2020 and the committee cleared the estimates for an amount of Rs. 392.87 Crores and Rs.282.94 Crores respectively for CP-04 and CP-03 packages under the head of BWSSP Phase III.



The tender was invited for CP-04 package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/747/2019-20 dtd:05.07.2019 and CP-03 package vide IFT No.BWSSB/CE(K)/ACE(K)-1/TA-11/746/2019-20 dtd:05.07.2019, with last date to submit bid on 04.12.2020 for both packages and IFT was published in Times of India, Indian Express and Vijayavani on 05-07-2019.

Accordingly the technical bid was opened on the same day 04.12.2019 at 3:30PM.

The following bidders participated in the bidding process:

For CP-04 Package:

1. M/s. Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd (JV).
2. M/s. Megha Engineering & Infrastructures Ltd.

For CP-03 Package:

1. M/s. SUEZ India Pvt Ltd and M/s.SUEZ International (JV).
2. M/s. Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd (JV).
3. M/s. Megha Engineering & Infrastructures Ltd.

The documents submitted by the bidders are evaluated by M/s.ONTB consultants, and the evaluation of the technical bids are as follows:

For CP-04 Package:

3. M/s. Megha Engineering & Infrastructures Ltd. as responsive bidder.
4. M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder under criteria 2.4.2 (b) of specific construction experience, RCC Ground Level Reservoir.

For CP-03 Package:

1. M/s. SUEZ India Pvt Ltd and M/s.SUEZ International (JV). as responsive bidder.



2. M/s. Megha Engineering & Infrastructures Ltd. as responsive bidder.
3. M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt. Ltd. (JV) as disqualified Bidder under criteria 2.4.2 (b) of specific Construction experience, RCC Ground Level Reservoir.

The Technical evaluation which was reviewed by the consultants M/s. ONTB was placed before the TSC (T) meeting held on 17.01.2020 and the committee cleared the subjects as follows:

For CP-04 Package: The bidder M/s. Megha Engineering & Infrastructures Ltd. is considered as responsive bidders and the M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder.

For CP-03 Package: The bidders M/s. SUEZ India Pvt Ltd – M/s. SUEZ International (JV) and M/s. Megha Engineering & Infrastructures Ltd. are considered as responsive bidders and the M/s Laxmi Civil Engineering services Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) as disqualified Bidder.

CE(K) Explained that, Meanwhile, M/s Laxmi Civil Engineering service Pvt Ltd and M/s.Wilo Mather and Platt Pumps Pvt Ltd.(JV) had submitted the representation letter dt:22.01.2020 to this office and also to JICA, requesting to consider their Technical Bid and stated that “ the Tender Scrutiny committee may be considering qualification criteria which are not even prescribed in Tender” and requested not to open the Financial Bid until sufficient opportunity is provided to provide necessary clarifications. Further, JICA vide e-mail dated 31.01.2020 requested to submit the comments. In response BWSSB has provided clarifications to JICA vide letter dt: 10.02.2020 and requested concurrence for the submitted TBER of CP-04and CP-03.

Further RTI letter was received on 14.02.2020 from Mr. Sharath Chandra, Advocate, seeking information about the package CP-04 and CP-03. As per the clause ITB clause No.28.1 which states that “ Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to bidder or any other person not officially concerned with such process until information on contract award



is communicated to all bidders in accordance with ITB 42". The same was communicated to RTI applicant.

Subsequently, JICA vide their letter No JICA (ID) 2019-1050 dtd 20-02-2020, communicated 'No objection' to the analysis of Technical Proposals qualifying the M/s MEIL bidder for procurement of CP-04 package and JICA vide JICA (ID) 2019-1049 dtd 20-02-2020, communicated 'No objection' to the analysis of Technical Proposals qualifying both M/s. SIPL and M/s MEIL bidder for procurement of CP-03 package

Accordingly the Price Bid of the responsive Bidders was opened on 28-02-2020 in the presence of the Bidders, Consultants and BWSSB officials.

For CP-04 Package:

The Read out Bid price is as follows.

Name of Bidders	INR	JPY
M/s. Megha Engineering & Infrastructures Ltd.	393,22,46,852/-	1,219,252,238/-

The comparison of Quoted Price by the Bidder with the Engineers Estimate considering corrections and unconditional Discounts is as below:-

Schedules	Description	Price quoted by M/s. MEIL in Rs.	Engineer's Estimate In Rs.
Schedule-1	Design, Drawing and Documentation	8,886,065	83,175,289
Schedule-2	Civil Works, Installation and Other Services	1,007,930,000	1,168,588,727
Schedule-3A	Plant and Equipment Supplied from Outside the Employer's Country	901,592,659	--
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	2,418,760,338	2,158,422,844
Schedule-4	Requirements of Office of the Engineer	4,718,156	4,000,000
M	Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4)	4,341,887,218	3,41,41,86,860
Schedule-5	Operation & Maintenance	347,841,037	255,496,303
SUB-TOTAL (M + 5)		4,689,728,255	3,669,683,163
	Provisional Sum	20,000,000	20,000,000
Total Amount		4,709,728,255	3,689,683,163
Schedule-7A	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Outside the Employer's country	14,276,302	--
Schedule-7B	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Within the Employer's country	756,250	--



Schedules	Description	Price quoted by M/s. MEIL in Rs.	Engineer's Estimate In Rs.
	Grand Total	4,724,760,807	3,689,683,163

In the final Evaluated Costs that is based on Capital Costs, O&M costs and NPV of Electrical energy consumption as per ITB Clause 38.2(f) was determined. The Specific ITB 38.2 (f) is reproduced for reference below:

b) Operating and Maintenance Costs

Since the operating and maintenance costs of the facilities being procured form a major part of the life cycle cost of the facilities, these costs will be evaluated according to the principles given hereafter, including the cost of spare parts for the duration of operation and Maintenance stated below and based on prices furnished by each Bidder in Price Schedules, as well as on past experience of the Employer or other employers similarly placed. Such costs shall be added to the Bid Price for evaluation.

The operating and maintenance costs factors for calculation of the life cycle cost are:

- iv. Number of years for life cycle:
Seven years of operation and maintenance including one year of Defect liability Period.
- v. Annual operating and maintenance costs [as per the priced Price Schedules of the Bidder, including cost of spare parts for the 7 years period of Operation and Maintenance].
- vi. A rate of 9% (Nine Percent), to be used to discount to present value all annual future costs calculated under (ii) above for the period specified in

Based on the above ITB 38.2, the Evaluated Bid price is calculated as below:

Sl. No.	Description	Price quoted by M/s. MEIL in Rs	Engineers Estimate in Rs.	% variation with respect to Engineer's Estimate
1	Capital Cost (A)	4,341,887,218	3,414,186,860	27.17%
2	Operation and Maintenance Cost including Day works for O&M Manpower (B)	347,841,037	255,496,303	36.14%
3	Net Present Value of Electrical Energy (C)	7,720,655,230	7,777,262,966	-0.73%
Evaluated bid cost Total (A+B+C)		12,410,383,485	11,446,946,129	8.42%

Note: Approved Engineer's Estimate includes Provisional Sum of INR 20,000,000



and Physical Contingency of INR 238,993,081 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price.

When compared to the Engineers estimate, the evaluated bid cost of M/s MEIL works out to be 8.42% above.

However, if one analyses the above depicted table and in particularly with respect to the overall capital costs, item M - Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4) - it is observed that the Bidder M/s MEIL has considerably quoted higher costs of more than Rs 93 Crores (i.e, 27.17% above the Engineers Estimate, suggesting front loading of the capital cost. As per JICA's Instruction to Bidders (ITB) 38.5, which stipulated that 'if the bid, which results into lowest evaluated bid price is seriously unbalanced or front loaded in the opinion of the employer the Employer may require that the amount of the performance security be increased at the expense of the bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract'. In the case of CP-04 it is clearly evident that the bidder M/S MEIL has front loaded the bid and hence it is recommended that appropriate additional performance bank guarantee be taken from the bidder towards his works Cost (i.e., Capital Costs).

For CP-03 Package:

The Read out Bid price is as follows:

Name of Bidders	INR	JPY
M/s. SUEZ India Pvt Ltd -M/s.SUEZ International (JV)	337,22,39,481/-	291,092,500/-
M/s. Megha Engineering & Infrastructures Ltd.	324,71,86,406/-	273,043,365/-

The Comparison of Quoted Price by the Bidders with the Engineers Estimate considering corrections and unconditional Discount is as below.

Schedule	Description	Price quoted by M/s. MEIL in Rs.	Price quoted by M/s. SIPL - Suez International (JV) in Rs.	Engineer's Estimate In Rs.
Schedule-1	Design, Drawing and Documentation	15,899,000	139,859,139	52,895,663
Schedule-2	Civil Works, Installation and Other Services	1,410,470,391	1,534,324,034	1,131,376,574
Schedule-3A	Plant and Equipment Supplied	211,707,416	170,535,417	



	from Outside the Employer's Country			
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	941,467,464	978,798,125	984,449,945
Schedule-4	Requirements of Office of the Engineer	1,077,439	1,164,800	2,000,000
M	Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4)	2,580,621,710	2,824,681,515	2,170,722,182
Schedule-5	Operation & Maintenance	471,526,608	231,739,998	141,704,635
	SUB-TOTAL (M + 5)	3,052,148,318	3,056,421,513	2,312,426,817
	Provisional Sum	365,000,000	365,000,000	365,000,000
Total Amount		3,417,148,318	3,421,421,513	2,677,426,817
Schedule-7A	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Outside the Employer's country	7,138,151	46,014,821	
Schedule-7B	Recommended Spare Parts, Accessories, tools and Testing Equipment Supplied from Within the Employer's country	378,125	94,013,273	
	Grand Total	3,424,664,594	3,561,449,607	2,677,426,817
		L1	L2	

Comparison Statement CP-03:

Sl. No.	Description	Price quoted by M/s. MEIL in Rs.	Price quoted by M/s. SIPL - Suez International (JV) in Rs.	Engineers Estimate (Rs.)	% Variation of M/s MEIL price with respect to Engineer's Estimate	% Variation of M/s SIPL price with respect to Engineer's Estimate
1	Capital Cost (A)	2,580,621,710	2,824,681,515	2,170,722,182	18.88%	30.13%
2	Operation and Maintenance Cost including Day works for O&M Manpower (B)	471,526,608	231,739,998	141,704,635	232.5%	63.5%
3	Net Present Value of Electrical Energy (C)	3,249,814,210	3,299,283,531	3,295,423,201	-1.32%	0.12%
Evaluated bid cost Total (A+B+C)		6,301,962,528	6,355,705,044	5,607,850,018	12.38%	13.34%

Note: Approved Engineer's Estimate includes Provisional Sum of INR 365,000,000 and Physical Contingency of INR 151,950,553 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price.



CE(K) Explained that, further the Price bids of CP- 04 and CP-03 was opened on the same day and found that, the M/s. MEIL is L1 bidder for the both packages. In this regard, as per the Bidding Document Section-II, Appendix to Bid Data Sheet, which stipulates “policy of one contract award for one Bidder under a group of works’ contract packages (CP-03 & CP-04)”, though M/s. MEIL is the L1 Bidder for CP-03 as per evaluated price bid, M/s SIPL-Suez International (JV) is deemed to be considered as L1 bidder for CP-03.

When compared to the Engineers estimate, the evaluated bid cost of M/s. SUEZ India Pvt. Ltd and M/s. SUEZ International (JV) works out to be 13.34% above Engineers estimates (including NPV of Electrical Energy). However, if one analyses the above depicted table and in particularly with respect to the overall capital costs, item M - Capital Cost (Sub Total of Schedules 1, 2, 3A, 3B and 4) - it is observed that the Bidder M/s SIPL has considerably quoted higher costs of more than Rs 65 Crores (i.e, 30.13% above the Engineers Estimate), suggesting front loading of the capital cost. As per JICA’s Instruction to Bidders (ITB) Clause 38.5, which stipulated that ‘if the bid, which results into lowest evaluated bid price is seriously unbalanced or front loaded in the opinion of the employer the Employer may require that the amount of the performance security be increased at the expense of the bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract’. In case of CP-03, also the bidder M/S SIPL has front loaded the bid and hence it is recommended that appropriate additional performance bank guarantee (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) be taken from the bidder towards his works Cost (i.e., Capital Costs).

The subject was placed before TSC (F) on 04.03.2020 and after detailed discussion the committee reviewed and opined as follows:

- **For CP-04 Package:** The only Technically Responsive Bidder M/s. Megha Engineering and Infrastructures Ltd has quoted Bid Price of Rs 468,97,28,255/- Excluding provisional Sum of Rs.2,00,00,000/- plus and Cost for Mandatory spares. The total evaluated bid is 8.42% above the Engineers Estimate (which includes Capex, Opex and of NPV of electrical energy) However since the bidder has front loaded on the capital cost, as per the JICA’s Instruction to



Bidders (ITB) Clause 38.5 an additional Bank Guarantee of Rs. 9.30 Crore (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be obtained from the bidder. Though it is a single bid in CP-04 the evaluated Price Bid of 8.42% above the Engineers Estimate (including NPV of Electrical Energy) is reasonable compared with CP-03 Package where M/s MEIL has quoted 12.38% and M/s SIPL has quoted 13.34%. Hence recommended to place the subject before the Board for approval of award of Contract for CP-04 package as indicated above and upon approval forward the same to JICA for concurrence. The Cost is inclusive of all taxes and duties.

- **For CP-03 Package:** The rates quoted by M/s SIPL- Suez International (JV) is Rs.305,64,21,513/- which is excluding provisional sum of Rs.36,50,00,000/- and cost for mandatory spares. The evaluated Bid price of M/s SIPL- Suez International (JV)Rs.635,57,05,044/- is 13.34% above the Engineers Estimate(inclusive of NPV of electrical energy) seems to be higher when compared to CP-04 package where the Evaluated Bid Price is 8.42% above the Engineers Estimate (inclusive of NPV of electrical energy), as the scope of work is similar in nature. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 an additional BG (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be sought from the bidder. Hence recommended to conduct negotiation with the bidder M/s SIPL- Suez International (JV) for arriving at a reasonable rate after obtaining concurrence from JICA.

Based on the above discussion's Board accorded approval for the following:

3. **CP-04 Package:** For Award of Contract of CP-04 package to the sole Responsive Bidder M/s. Megha Engineering and Infrastructures Ltd who has quoted Bid Price of Rs 468,97,28,255/- Excluding provisional Sum of Rs.2,00,00,000/- and physical contingency of Rs.23,89,93,081/- and Cost for Mandatory spares. The total evaluated bid is 8.42% above the Engineers Estimate (which includes Capex, Opex and of NPV of electrical energy)



However since the bidder has front loaded on the capital cost, as per the JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid, which results in the lowest evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". An additional Performance Bank Guarantee of Rs.9.30 Crore (equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate) may be obtained from the bidder. Though it is a single bid in CP-04 the evaluated Price Bid of 8.42% above the Engineers Estimate (including NPV of Electrical Energy) is reasonable compared with CP-03 Package where M/s MEIL has quoted 12.38% and M/s SIPL has quoted 13.34% .The Cost is inclusive of all taxes and duties. Hence forward the same to JICA for concurrence.

- 4. For CP-03 Package:** To Conduct Price negotiation by applying the provisions of JICA guidelines as per Clause No.5.10 (3) with M/s. SIPL- Suez International (JV) whose quoted rate is Rs.305,64,21,513/- which is excluding provisional sum of Rs.36,50,00,000/-and physical contingency of Rs.15,19,50,553/- and cost for mandatory spares. The evaluated Bid price of M/s. SIPL- Suez International (JV) Rs.635,57,05,044/- is 13.34% above the Engineers Estimate(inclusive of NPV of electrical energy) seems to be higher when compared to CP-04 package where the Evaluated Bid Price is 8.42% above the Engineers Estimate (inclusive of NPV of electrical energy), as the scope of work is similar in nature. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid,



which results in the lowest evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". In line with the above, an additional Performance Bank Guarantee, equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate may be sought from the bidder in case the work is awarded. After negotiation the result shall be placed before the Board for further decision in this regard.

(47) The Board in its meeting held on 19-03-2020 vide subject No.-2

2. Design/ Engineering, Construction, Commissioning of 775 MLD Water Treatment Plant at T.K.Halli with 7 years of Operations and Maintenance (DBO Package-BWSSP/JICA/CP-02).

CE (K) explained the subject to the Board and details are as follows:

Under the JICA assisted BWSSP Phase III Stage V works taken up by BWSSB, CE (K) Zone has called for Tender for the above mentioned work, after taking approval from JICA. The Tender was notified on 01st March 2019 and the last date for submission of Tender was 09-10-2019.

In response to the IFT, the following 02 bidders have submitted their technical proposal and was opened on the same day:

- (3) M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (Joint Venture).
- (4) M/s. Megha Engineering & Infrastructure Limited (MEIL).

The Technical Bid Evaluation was done by the PMC, M/s. ONTB and the Technical Bid Evaluation Report (TBER) was submitted on 19.11.2019.

Based upon the preliminary evaluation, clarifications were sought on the Technical Bids submitted by both the bidders. The clarifications were sought on 25th



Oct'2019 and the bidders were told to submit the response to clarifications by 7th Nov'2019. The response to clarifications was received, PMC reviewed the clarifications submitted by the bidders. PMC in their TBER had indicated that the clarification provided by the bidders was found satisfactory.

The TBER also indicates under the bid submissions and clarifications sought from bidder M/s MEIL on Schedule IV – Instrumentation Control & Automation works and Bidding document clause No 8.11.2 “Documents to be submitted during Bid submission”, the bidder had submitted the clarification and for some details had indicated that the same will be provided upon award of work and after detailed engineering & before commencement of supplies. Hence based upon the bidder's M/s MEIL's submission that “if any other equipment required as per tender specifications, the details of the same will be provided upon award of work and after detailed engineering and before commencement of supplies” PMC had considered their bid technically responsive provided that an undertaking in this regard is provided by the bidder M/s MEIL in case they are selected for award of the work.

Based on the above both the bidders:

- (3) M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (Joint Venture).
- (4) M/s. Megha Engineering & Infrastructure Limited (MEIL).

Were considered as substantially responsive to the bidding requirement and recommended by ONTB. Same is approved by TSC (T) in its meeting held on 20-11-2019 and same was forwarded to JICA for concurrence.

CE (K) explained that, In response to the TBER concurrence, JICA vide e-mail dated 20.12.2019 noted that, in the TBER wherein M/s MEIL was qualified based on submission from Bidder that “ if any other equipment required as per tender specifications, the details of the same will be provided upon award of work and after detailed engineering and before commencement of supplies”, under Schedule IV – Instrumentation Control & Automation works and Bidding document clause No 8.11.2 “Documents to be submitted during Bid submission” and requested BWSSB to



re-look into to the TBER in respect of M/s.MEIL qualification as the above submission is contradicting the Technical qualification of M/S MEIL.

CE (K) explained that, further, JICA vide e-mail on 27.12.2019 stated that, “the quality of TBER prepared by GC/BWSSB needs further significant improvement since one of the bidder found technically noncompliant was considered as compliant despite the fact that the said bidder did not furnish desired information/documents necessarily required during the technical qualification at the time of the submission of the proposal and BWSSB intended to secure the said information post qualification of the bidder “ and requested to submit afresh TBER. The same was communicated to PMC, M/s.ONTB for having re-look into technical qualification of M/s.MEIL.

The PMC of the project M/s.ONTB submitted the revised TBER for CP-02.
Where in following are the recommendations for Technical Bid evaluation decision:

Technically responsive bidder
(ii)M/s SUEZ India Pvt Ltd & M/s Toshiba Water Solutions Pvt Ltd (Joint Venture)

Technically non-responsive bidder
<p>(ii)M/s Megha Engineering & Infrastructures Limited (MEIL)</p> <p>Reasons for Technical non-responsiveness</p> <p>The bidder MEIL is found technically non responsive as per ITB Clause No. 35.1(a), detailed evaluation of Technical bids, due to non submission of the following technical requirement to be submitted along with the bid. The same was not submitted even after BWSSB sought clarification from the bidder as per the provisions of clause ITB 29.1 of the bidding document. The bidder MEIL has not submitted the following Technical documents to be submitted along with their Technical bid, which has made the bid incomplete and not in compliance with the Employers Requirements:</p> <ul style="list-style-type: none"> • Technical Schedule – II –Proposed plant details • Technical Schedule – IV – Instrumentation Control & Automation Works • Tender Drawings

The Revised TBER was placed before the TSC (T) committee on 02.01.2020 and committee approved the revised TBER considering with M/s. SUEZ India Pvt ltd & M/s Toshiba Water Solutions Pvt Ltd (Joint Venture) as sole Technically Responsive Bidder.



Based upon the approval of TSC (T) the revised Technical Bid Evaluation Report (TBER) of CP-02 was forwarded to JICA for necessary concurrence. JICA concurred for Revised TBER and expressed “No objection” on 09 Jan’ 2020 and requested for Price bid Evaluation Report. Accordingly the price bids were opened on 10.02.2020 in presence of bidder, Consultants and BWSSB officials and the read out price is as follows:

2. M/s. SIPL - TWSPL (JV) - Rs. 469,18,83,772/-.

The Price bid was forwarded to M/s ONTB for evaluation. The Price Bid Evaluation report is submitted by M/s ONTB.

The comparative statements of Quoted bid Price and Evaluated Bid price of the Bidder M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) with the Engineers Estimate considering corrections and unconditional Discounts are as follows:

Schedule	Description	SIPL – TWSPL (JV) in Rs.	Engineer's Estimate in Rs.
Schedule-1	Design, Drawing and Documentation	200,300,666	-
Schedule-2	Civil Works, Installation and Other Services	2,252,793,953	1,566,200,000
Schedule-3A	Plant and Equipment Supplied from Outside the Employer's Country	-	-
Schedule-3B	Plant and Equipment supplied from within the Employer's Country	1,618,341,264	1,059,200,000
Schedule-4	Requirements of Office of the Engineer	1,121,680	-
Schedule-5	Laboratory Equipments	4,820,500	-
Schedule-6	Operation & Maintenance	614,505,710	771,500,000
Sub Total		4,691,883,773	3,396,900,000
Provisional Sum		78,800,000	788,00,000
Total		4,770,683,773	3,475,700,000

Sl. No.	Description	Price quoted by M/s. SIPL – TWSPL (JV) in Rs	Engineers Estimate in Rs.	% variation with respect to Engineer's Estimate
1	Capital Cost (A)	4,077,378,063	2,625,400,000	55.31
2	Operation and Maintenance Cost including (B)	614,505,710	771,505,345	-20.35



3	Net Present Value of Electrical Energy (C)	110,019,294	162,027,026	-32.10
Evaluated bid cost Total (A+B+C)		4,801,903,067	3,558,932,371	34.93

In view of the above, M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) is considered as sole responsive bidder, whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 34.93% above the Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies.

Accordingly, the subject was placed before the TSC (F) on 16.01.2020 and the Committee reviewed and opined that for conducting Negotiation after concurrence from JICA under ODA guidelines section 5.10.3 with M/s SIPL as the bidder has front loaded the capital cost.

Further, on 28.01.2020 it was communicated to JICA, Since M/s Suez India private Limited-M/s. Toshiba (JV) is the only technically responsive bidder there is no basis for price comparison with competitors, hence negotiation will be difficult and concurrence was sought for "Applying the provision for JICA guidelines section 5.10.1(a) under rejection of bids to reject the bids and go for afresh tendering for the CP-02 contract package".

CE (K) explained that, Meanwhile JICA vide E-mail on 12.02.2020 requested "BWSSB to adopt the unified approach in all the procurement packages, which are having the Bid Prices substantially higher as compared to the cost estimate. Accordingly, BWSSB is requested to kindly submit the justification on seeking the Bid rejection in the instant case".

In reply BWSSB communicated to JICA on 18.02.2020 , that Bidder SIPL-TWSPL(JV) is the only technically responsive bidder and the Evaluated Bid Price quoted by the Bidder is substantially higher than the Engineers estimate by 34.93%. There is no basis for price comparison with competitors, hence negotiation will be difficult. However subsequent to rejection of bids, both in case of rebidding as per JICA guidelines 5.10 (2) and negotiations as per 5.10 (3) and accompanying notes 4 (02), it states that it should be accompanied by a revision in specifications or



modifications of the project, amounts of work, items in the original invitation of bid. Further, it being a DBO contract package revision of the specification or modification of the project is not envisaged at this stage, hence BWSSB once again requested JICA's concurrence for rebidding of Contract CP-02 package.

Further JICA's email, dated: 26.02.2020, requested BWSSB for correcting the cost estimates in accordance with latest SOR or any other factors, including the market cost and the possibility of conducting the negotiations, since the procurement of WTP is already delayed too much and also requested to reconsider the proposal for bids rejection and possibility of price negotiations as an alternate to rebidding.

Accordingly, the cost estimate has been revised as per the latest SOR amounting to **Rs. 395.80 Crore** which includes Civil works, Mechanical works, Electrical & Instrumentation control and Automation works including O & M, Provisional Sum and Physical Contingency and was placed before the Estimate scrutiny Committee on 10.03.2020 and Committee cleared the subject. When compared with the Evaluated Bid Price quoted by the Bidder SIPL - TWSPL(JV) is higher than revised Engineer's estimate by **25.12%**. The evaluated bid price is determined after excluding the Provisional sum, Physical contingencies. Evaluated bid price is presented below which includes Capex, Opex, and NPV of electrical energy as per clause 38.2 of ITB, Evaluation of Price Bids.

Sl.No.	Description	Price Quoted by M/s. SIPL - TWSPL (JV) in Rs.	Revised Engineers Estimate in Rs.	Percentage (%) Variation with respect to Engineers Estimate
1	Capital Cost (A)	4,077,378,063	2,904,400,000	40.39
2	Operation and Maintenance Cost (B)	614,505,710	771,500,000	-20.35
3	Net Present Value of Electrical Energy (C)	110,019,294	162,027,026	-32.10
	Evaluated Bid Cost Total (A+B+C)	4,801,903,067	3,837,927,026	25.12

Note: Approved Revised Engineer's Estimate includes Provisional Sum of INR 78,800,000 and Physical Contingency of INR 203,300,000 which shall be added to bidders quoted Price to arrive at the Total Contract Award Price



As could be seen from the above, M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) is considered as sole responsive bidder, whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 25.12% above the Revised Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies.

The Board after detailed discussion accorded approval to apply the provisions of JICA guidelines Clause No.5.10 (3) for Rejection of the Bids and to Conduct Price negotiation with M/s. SUEZ India Pvt Ltd - M/s Toshiba Water Solutions Pvt Ltd (JV) whose quoted bid price is Rs. 469,18,83,773/- and evaluated bid price is 480,19,03,067/- which is 25.12% above the Revised Engineers Estimate (inclusive of NPV of electrical energy) Excluding provisional Sum & physical contingencies. The Cost is inclusive of all taxes and duties. At the same time the bidder has front loaded the capital cost and hence as per JICA's Instruction to Bidders (ITB) Clause 38.5 which states that, "if the Bid, which results in the lowest evaluated Bid Price, is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analysis for any or all items of the price schedules, to demonstrate the internal consistency of those prices with the methods and the price Schedules proposed. After evaluation of the price schedules of Payments, the analyses taking into consideration the schedule of payment, the Employer may require that the amount of the Performance Security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract". In line with the above, an additional Performance Bank Guarantee, equivalent to 10% of cost overrun of Capital Cost above Engineers Estimate may also be sought from the bidder in case of award of work. The negotiated proposal shall be placed before the Board for further decision in this regard.

(48)The Board in its meeting held on 19-03-2020 vide subject No.-3

3. Tender for the work of Construction of MUSEUM at Malleshwaram 18th Cross, CJF premises, Bangalore.

CE(Design) explained the Board note. The complexity of the work involving the heritage character of the building and the delays were explained. Since it is third



call though there is only one technically qualified bidder the Board found the negotiated bid which is 7% above the amount put to tender as reasonable. Then Board accorded approval to take up the Work of Construction of MUSEUM at Malleshwaram 18th cross, CJF premises, Bangalore through the firm M/s.Jeernodhar Conservators Pvt Ltd., at the negotiated offer of Rs.6,51,65,166/- (Rupees Six Crore Fifty One Lakh Sixty Five Thousand One Hundred and Sixty Six Only) (all inclusive) which is 7.00% above the amount put to tender.



CHIEF ENGINEER (KAVERI)

Annual Report of 2019-20 pertaining to CE(K) Zone

1) Rehabilitation of 300 MLD water treatment plant in lieu of CWSS Stage I & 2 at T.K. halli:-

The construction of 300 MLD water treatment plant at T.K.Halli in lieu of the water treatment plants constructed under stage-I and II is taken up at an estimated cost of Rs. 148 crores. The funding pattern for this work is 35% by jnNURM, 15% by GOK and loan from KUIDFC (Rs. 52 crores).

The above work has been awarded to M/s Suez India Pvt. Ltd., (Formally , M/s Degremont, France and Degremont India Pvt., Ltd.,) at a cost of Rs. 148.01 crores. The work is under progress and physical Progress of 95.50% and financial progress of 92.60% is achieved as on date.

2) Extension of Additional raw water gravity main from Netkal Balancing Reservoir to T.K.Halli:-

The work of Extension of Additional raw water gravity pipeline from Netkal Balancing Reservoir to T.K.Halli is taken up at an estimated cost of Rs. 160.33 crores. The funding pattern is KUIDFC (Rs. 80 crores), GOK (Rs. 40 Crores) and BWSSB (Rs. 40.33 Cores).

The above work is awarded to M/s Sai Sudhir Infrastructure at a cost of Rs. 167.60 crores. The date of commencement is 09.02.2017. At present 97% of physical progress and 87.60% of financial progress is achieved.

3) Cauvery Water Supply Scheme Stage-V:-

The Cauvery water supply scheme stage-V is taken up at an estimated cost of Rs. 5550 crores with financial assistance of JICA. The GOK has accorded administrative approval for this scheme vide GO No:UDD 11 MNI 2015, Dt:10-12-2017. An additional 775 MLD of water will be augmented after commissioning of this project. The Tender for Project Management consultants has been awarded to ONTB Consortium (M/s Oriental Consultants Global Co. Ltd., M/s NJS Engineers India Pvt Ltd., M/s TATA Consulting Engineers Ltd., M/s Black and Veatch) as on 01.01.2019. Under this project 09 water packages have been tendered. 1 water Package work is under progress & remaining 8 water packages are under tendering stage. Further 03 sewerage package tenders are invited.



4) Revival/Refurbishment of T.G Halli Water Supply Schemes-Phase-I

Under the Yettinohole Project, the GOK has allotted total of 2.5 TMC (1.7 TMC to Thippagondanahalli Reservoir & 0.8 TMC to Hesarghatta Reservoir). To make use of this water, GOK has given administrative approval to take up the work of Water Treatment Plant & Revival/Refurbishment of T.G Halli Water Supply Scheme Phase-I vide GO No. UDD/50/MNI /2019 Dated: 28.02.2019. The foundation stone laying of the above work was done on 06.03.2019 by Hon'ble Deputy Chief Minister. The work has been awarded to M/s. Megha Engineering & Infrastructure Ltd., and the work is under progress.

SL No.	Financial Aid	Name of work	Physical Progress	Financial Progress	Remarks
1	KUIDFC/GOK /BWSSB Project Cost Rs. 291 Cr	Revival/Refurbishment of T.G Halli Water Supply Schemes-Phase-I	20%	10%	Work is under progress

Chief Engineer (K)
BWSSB



Engineer In Chief

ANNUAL PERFORMANCE REPORT FOR 2019-20 **MAINTENANCE ZONE**

Maintenance zone headed by Engineer-in-Chief supported by Two Chief Engineers, four Additional Chief Engineers and Two Deputy Chief Engineers, Three Technical Assistants along with eleven Executive Engineers and 31 Assistant Executive Engineers. The maintenance zone is performing following duties;

1. Operation and maintenance of water supply distribution system maintenance of sewer laterals & sewerage system upto 400mm dia pipeline.
2. Sanction of water supply & sanitary house service connections by collecting meter deposits, prorata charges etc.,
3. Generation & issue of monthly water bills, collection of water revenue, disconnection of arrears accumulated connections & replacement of defective meters etc.,
4. Improvements of water supply and sewerage system by replacement, rehabilitation and upgradation by providing higher dia water supply and UGD pipelines in the required areas.
5. Execution of water supply and UGD pipeline works under Board Funds and also under DC Works of BBMP, BDA, BMRCL and Private Parties.
6. Attending public complaints with respect of water supply, water supply pipeline network leakages, sewer pipeline blockages and overflow of manholes. Also attending and solving water bill disputes.
7. Attending all RTI cases, HRC cases, LA/LC questions, Court cases and Government correspondence.
8. Issue of permissions for drilling of new Borewells after Geo Physical investigation report submitted by Karnataka Ground Water Authority.
9. Conducting DCB/monthly Progress review meeting, Appeal Committee Meeting & Water Adalath etc.,
10. The total No of water supply and sanitary connections as on February-2020 is 9.94 lakhs.



Statement-I

Sl. No.	Particulars	Details
1	Present supply from Cauvery source	1450 MLD
2	Present population served	11 Millions
3	Area of water supply served	575 Sq kms
4	water supply and sanitary connections	9.94 lakhs
5	Total length of water supply pipelines	10408 kms
6	Total length of sewer lines	8622 kms
7	Average per capita consumption	120 L/day
8	Revenue generation per month	113 crores

11. The month wise water demand and revenue collection from April-2019 to January-2020 is as follows;

Statement-II

Month Year	Demand (Rs. in lakhs)	Collection (Rs. in lakhs)
Apr-19	118.06	111.67
May-19	115.01	117.49
Jun-19	119.09	111.33
Jul-19	111.84	118.86
Aug-19	112.52	113.67
Sep-19	113.80	114.41
Oct-19	110.06	108.58
Nov-19	110.17	113.95
Dec-19	108.78	112.44
Jan-20	112.04	119.81
Feb-20	113.43	118.47
March-20	109.81	97.10



12. The defective water meters during the financial year have been replaced regularly and the month wise percentage of defective meters are as follows;

Statement-III

Month Year	Total metered connections	MS	MD	Total faulty meters	Percentage
Apr-19	928056	2181	68	2249	0.24
May-19	930244	1880	85	1965	0.21
Jun-19	931390	1218	93	1311	0.14
Jul-19	933917	1317	81	1398	0.15
Aug-19	935009	1285	59	1344	0.14
Sep-19	937635	1536	60	1596	0.17
Oct-19	939689	1485	51	1536	0.16
Nov-19	940715	1557	74	1631	0.17
Dec-19	942641	1232	65	1297	0.14
Jan-20	943946	1814	57	1871	0.20
Feb-20	946053	1738	56	1794	0.19
Mar-20	947076	1473	50	1523	0.16

13. The prorata charges collected while sanctioning new connections from April-2019 to March-2020 is as follows;

Statement-III

Sl. No.	Month	Prorata amount collected (Rs. in lakhs)
1	Apr-2019	428.73
2	May-2019	478.79
3	Jun-2019	683.14
4	Jul-2019	1703.01
5	Aug-2019	534.08
6	Sep-2019	899.58
7	Oct-2019	431.63
8	Nov-2019	983.54
9	Dec-2019	1119.11
10	Jan-2020	512.91
11	Feb-2020	581.24
12	Mar-2020	468.33
	TOTAL	8824.09



14.60 water tanker lorries of Board have been deployed to supply water to complaint areas. In addition water is also supplied through Private water tanker lorries to water starved and affected areas especially during summer months in Core area & erstwhile CMC / TMC areas.

15. Revenue billing and Collection system (SAJALA)

- a. Centralized Billing and Collection system (SAJALA) is citizen centric application and it is designed in a financially, legally and technologically sustainable manner.
- b. As per the distribution network the Centralized billing system provides very important feed back as far as water demand managements/revenue losses are concerned and helps in decision making.
- c. Resolving the issues / complaints registered by the public through SAKALA & CPGRAMS.
- d. The new water & sanitary connection is provided through the Online water connection Portal (OWC).
- e. Quick MIS for on the spot analysis of important parameters like online Category wise Consumption pattern analysis, list of defaulters and total working and Non-working meters and Demand collection Balance statements etc., can be taken out area wise / ward wise / Constituency wise / sub division wise / Division wise for better decision making.
- f. Spot billing facility is implemented for issuing the bills on spot.
- g. Performance indicators for Monitoring and fixation of targets for billing and to improve Collection efficiency.
- h. Total KIOSKs for Revenue Collection : 74 Nos.
- i. Online Payment can be made through 5 gateways.
- j. Six months water consumption & bill details can be viewed through online.
- k. ECS option is available for collection of payment.
- l. Payment can be made through Bangalore One centers and through BBPS.
- m. Payment can also be made through Karnataka mobile apps / PayTM.
- n. 736 Bulk flow meters are fixed in the distribution network for Water accounting.



16. To solve the water bill disputes and public grievances, Water Adalats under the Chairmanship of Executive Engineers are being held once in a month in each sub-division on the Scheduled notified days, also Lower Appeal Committee's under the Chairmanship of Additional Chief Engineers and Higher Appeal Committees under the Chairmanship of FA & CAO are being held regularly.

17. There are 145 sewer jetting cum sucking machines and 40 Nos. of desilting machine which are being deployed for maintaining sewerage system.

18. Providing 10,000 liters free water to each family per month to the residents of slum and SC/ST colonies :

BWSSB is providing 10,000 liters free water every month to slums for 81076 No. of connections and 26397 Nos. of SC / ST Colonies for which Government of Karnataka has allocated a grant of Rs.1837.00 lakhs per annum and same is being utilized for supplying free water.

Sl. No	Name of the work	Length of pipeline/HSC connections (D.I. Pipes 100mm to 300mm)	Project Cost in Crores	Financial Progress upto Feb-2020	Current Status
1	Providing water supply facilities for slum areas under Amruth Scheme	28.32 km 7080 Nos. of HSC connections	15.17	14.46	Work is completed and final bill is under process

Scheme to reduce the Unaccounted Flow of Water (JICA Grant)

- UFW in 2012-13 - 49.96%
- UFW in Sep-2019 – 23.66%

Division	Jurisdiction (sq.km)	Cost of work in Crore	Financial Progress in Crore upto Feb-20	D.M Nos.	Initial UFW	Current UFW as on Sep-19	Water saving per day in MLD as on Sep-19	Remarks
South	52	138.00	193.6	83	49.96 %	24.41%	70.4	Project Completed on



								30/09/2019 including O&M
West	54	284.63	270.72	83	45.27 %	23.07%	58.6	O&M Under Progress upto 31/12/2022
Central	26.5	164.60	131.5	43	52.78 %	26.08%	37.87	O&M Under Progress upto 31/05/2023

New Scheme to reduce the Unaccounted Flow of Water (Capital works under 110 villages DPR for water supply and pipeline under Govt. grants 2/3rd from GOK & 1/3rd from BWSSB)

Name of the work	Cost of work in Crores	Jurisdiction areas	Remarks
Work of improvement to water supply distribution system, reduction in UFW & leakage control in N-2, N-3, C-2 & SE-2 sub-division limits of Bangalore	203.00	22.0 sq.km	work under progress
Reconstruction of Rehabilitation of ground level reservoir Bull temple road.	4.63	--	Work is completed and water tightening test under process
Replacement and PSC pipelines from Summanahalli Junction to OHT Vijayanagara by 600mm dia MS pipes.	2.01	1.80 km	Work under progress
Replacement of PSC pipelines from OMBR GLR to IOCL junction by 600mm dia MS pipes.	2.99	2.50 km	Work under progress
Work of Construction of New Two tier RCC GLR of 25 ML Capacity at CJF, Malleshwaram.	26.5	--	Work under progress

**Engineer-in- Chief
BWSSB**

ENGINEER - IN – CHIEF

**700MM DIA MS PIPE LAYING UNDER NEW UFW PROJECT AT
CHOWDAIAH ROAD UNDER C-2 SUB DIVISION**





Chief Engineer (WWM-110V) Zone

Details of Annual Report Pertains to Chief Engineer (WWM-110V) Zone

Project for Providing Water Supply Facilities to 110 Villages:

Government of Karnataka has accorded approval to the DPR for “Water Supply Component of 110 Village area including distribution improvement and UFW reduction Component of Core area” amounting to Rs.1500.00 Crore.

The work of Providing Water Supply Facilities to 110 village areas of Bruhath Bengaluru Mahanagara Palike (225 Sq Kms) is taken up by dividing 110 villages area into 5 zones namely as Mahadevapura, RR Nagar, Byatarayanapura, Bommanahalli & Dasarahalli and tenders were invited. The works awarded to the contractors for total amounting to Rs.982.77 Crore and works are commenced from May 2017 and will be completed by end of May 2020. The Physical Progress achieved upto end of March 2020 is 2659.96 Kms as against 2773 Kms and financial progress is Rs.1048.25 Crore.

BWSSB has taken up Construction of OHTs, Sumps, GLRs and Pump House in different Zones of 110 Village Project at an evaluated cost of Rs.94.29 Crores and work is under progress and expected to be completed by November 2020.

BWSSB has taken up the Construction of 50ML Capacity GLR at Gottigere with allied Pumping arrangements at JambuSavari Gudda GLR Premises of 110 Village Project at an evaluated cost of Rs.73.44 Crore and work is under progress and scheduled to be completed by December 2020.

BWSSB has taken up work of improvement to water distribution system, reduction in UFW and leakage control in N2, N3, C2 & SE2 sub-division limits at an evaluated cost of Rs.203 Crores and work is scheduled to be completed by March 2021.



Work of Construction of New Two Tier RCC GLR of 25 ML Capacity at CJF, Malleshwaram at an evaluated cost of Rs.24.02 Crores and work is scheduled to be completed by July 2021.

Project for Providing Underground Drainage (Laterals) Facilities to 110 Villages:

Government of Karnataka vide G.O No UDD 174 MNI 2017, Bangalore, dated:07.11.2017 has accorded administrative approval to take up the “The project to Providing Underground Drainage Facilities (Laterals) to 110 village areas of Bruhath Bengaluru MahanagaraPalike at cost of Rs.1000 Crore.

The work of Providing Underground Drainage Facilities (Laterals) to 110 village areas of Bruhath Bengaluru Mahanagara Palike (225 Sq Kms) is taken up by dividing 110 villages area into 3 zones as Byatarayanapura & Mahadevapura, RR Nagar & Dasarahalli & Bommanahalli and tenders were invited. The works were awarded to the contractors for a total amounting to Rs.925.06 Crore and works are commenced from March 2018 and will be completed by end of March 2021. The physical progress achieved upto of March 2020 is 875 Kms as against 1568 Kms and financial progress is 326.86 Crore.

**Chief Engineer (WWM-110V)
BWSSB**

CHIEF ENGINEER(WWM-110V)
RCC Manhole Chamber at Akashvani Layout, Dasarahalli Village,
Byatarayanapura 110 villages area



CHIEF ENGINEER (WWM)

10MLD STP at HULIMAVU – AMRUT Scheme





Chief Engineer (Waste Water Management)

Annual Report of Wastewater Management Zone for 2019-20

The Bengaluru city has a total area of 800 Sq. Kms which includes 245 Sq. kms of core area, 330 Sq. Kms of erstwhile CMC/TMC and 225 Sq Kms of 110 village areas. BWSSB has the jurisdiction in this area to supply potable water to the citizens and to collect, convey and treat the wastewater generated. Several schemes were implemented to supply water to the city. For collection of wastewater generated in the city about 6995 Kms of smaller diameter pipelines were laid. To convey the collected wastewater to the treatment plants, 720 KMs of higher diameter pipes were laid.

Some of the higher pipelines were laid about 40 to 50 years back. Due to various reasons, viz. ageing of sewers, encroachment of sewers, damages in the sewerage system, crown corrosion of sewers, abuse of sewers, direct discharges from the houses built on the side of Storm Water Drains, direct discharges from Apartments, new layouts etc., a part of wastewater is flowing through Storm Water Drains and entering lakes and due to this the lakes are being polluted. To prevent this the lateral collection system starts from the houses and connected to sub mains. The problems in these networks will be addressed as and when required out of the Board funds. Whereas the problems of the higher diameter sewers involve huge costs and hence these type of projects are being taken up under funding from Government and other financial agencies.

To avoid waste water flowing in storm water drains the Board has taken up the following projects:

Environmental Action Plan (EAP) – A:

This plan was initiated during 2001. In total 33 Kms of the existing trunk sewers were replaced/ rehabilitated at a cost of Rs.54.00 crore. There was an increase of 40 MLD of sewage inflow into the STPs there by reduction in wastewater flow in the SWD.



Hebbal Valley Scheme:

In this scheme 18 Kms of trunk sewers were replaced/ rehabilitated at a cost of Rs. 45.00 crore. The benefits of the scheme were reduction in sewage flow in the SWD upto Nagavara Lake and there is considerable reduction in entry of sewage to Hebbal and Nagavara Lakes from core area. The STP at Hebbal is completely utilized. The increase in flow is 40 MLD there by reduction in wastewater flow in the SWD.

Environmental Action Plan-B:

The project consists of replacement/ rehabilitation of 70 Kms of trunk sewers in core area of the city at a cost of Rs.495.00 crore has been completed by end of 2019. It is estimated that 150 MLD of wastewater is diverted to the STPs

Waste water treatment plants

The details of the wastewater treatment plants maintained by BWSSB are as follows:

Plant	Capacity in MLD
1) Vrishabhavathi Valley	180
2) K & C Valley	248
3) Hebbal Valley	60
4) Mallathahalli	05
5) Kempambudhi	01
6) Yelahanka	10
7) Mylasandra	75
8) Nagasandra	20
9) Jakkur	10
10) K. R. Puram	20
11) Kadabeesanahalli	50
12) Rajacanal	40
13) Cubbon Park	4
14) Lalbagh	1.5



15) K&C Valley	60
16) Rajacanal	40
17) Nagasandra	20
18) Chikkabanavara	5
19) Kadugodi	6
20) BellandurAmmanikane	90
21) HoramavuAgara	20
22) Doddabele	20
23) YellemallappaChettykere	15
24) Kengeri	60
25) Halasuru	2
26)Doddabele	40
27)Sarakki	05
Total	1112.50

Megacity Revolving Funds project works:

- 150 MLD capacity waste water treatment plant at Vrishabhavathi Valley at a cost of Rs.470.93 crore to be completed by end of 2020.
- 150 MLD capacity waste water treatment plant at K&C valley at a cost of Rs.297.37 crore to be completed by September 2020.
- 100 MLD capacity waste water treatment plant at Hebbal Lake at a cost of Rs.360.77 crore to be completed by end of 2020.
- 40 MLD capacity waste water treatment plant at Doddabele at a cost of Rs.73.93 crore is completed in November 2019 and now the plant is being in operation.

AMRUT Scheme works:

- The work of replacement of existing sewerline with higher size pipeline of 1.60 Km length from Ranganatha Colony to Vrishabhavathi Valley sewage treatment plant at a cost of Rs.52.45 crore and this work is completed.
- The project of Environmental Action Plan – C for laying 90 kms of sewer lines in Vrishabhavathi Valley at a cost of Rs.386.40 crore and the works will be completed by end of 2020.
- Construction of 210 MLD capacity waste water pumping station at Koramangala Sports Complex (ISPS) and providing and laying rising main from this pump house to K&C Valley sewage treatment plant at a cost of Rs.104 crore and these works will be completed by middle of 2020.



- 5 MLD capacity waste water treatment plant at Sarakki Lake at a cost of Rs.14.49 crore was completed and now the plant is being in operation.
- 5 MLD capacity waste water treatment plant at Chikkabegur Lake at a cost of Rs.13.89 crore to be completed by middle of 2020.
- 10 MLD capacity waste water treatment plant at Hulimavu Lake at a cost of Rs.20.25 crore completed by March 2020.
- 35 MLD capacity waste water treatment plant at Agaram Lake at a cost of Rs.53.63 crore completed by March 2020.
- 20 MLD capacity waste water treatment plant at K.R.Puram at a cost of Rs.28.39 crore to be completed by middle of 2020.

Other Works:

7 MLD capacity waste water treatment plant at Puttenahalli lake near Yelahanka at a cost of Rs.24.51 crore has been taken up under the financial grant of Karnataka State Pollution Control Board. The work will be completed by end of 2021.

5 MLD capacity waste water treatment plant at Kaggadasapura Lake at a cost of Rs.17.90 crore has been taken up under the financial grant of Karnataka State Pollution Control Board. The work will be completed by end of 2021.

3 MLD capacity waste water treatment plant at Hesaraghatta at a cost of Rs.11.99 crore has been taken up under the financial grant of Government of Karnataka. The work will be completed in middle of 2021.

32.50 MLD capacity wastewater wet well, rising main and pumping station works at Bellandur Amanikere at a cost of Rs.15.99 crore has been taken up by the Board. The works will be completed by March 2021.

To arrest the waste water flowing in the storm water drains of the city the Board has identified 144 works at an estimated cost of Rs.100.00 crore. These works are under progress and will be completed by end of 2020.

**Chief Engineer (WWM)
BWSSB**



Chief Engineer (Design)

Annual report of Chief Engineer (Design) Zone Works for the year 2019-20 are as follows:

1. Procurement of various dia Water Meters to meet the requirement of Maintenance Zone, CMC Zone and 110 Villages coming under BWSSB.
2. Procurement of liquid chlorine, Alum, Poly Aluminum Chloride Powder and Sodium Hypo chlorite for water treatment plants at T.K Halli, T.G Halli & Tataguni and Chlorinators in distribution network.
3. Procurement of store materials required for operation & maintenance of water supply & sewerage system of Board works such as DI pipes, Mechanical Joint Cast Iron Specials, Sluice Valves, Air valves, Leak Repair Clamps, Water meters, Rubber gaskets, chlorinators, Heavy Duty SFRC Manhole Rings & Covers for maintenance of Sanitary network.
4. Procurement of Sewer Cleaning machines & De-Silting machines and accessories.
5. Procurement of GI pipes and submersible pumpsets for maintenance of Borewells.
6. Maintenance of 9278Nos. of borewells and pump houses has pumps & motor of various capacity connected with the distribution system in 199 BBMP wards.
7. Maintains Central Water Testing Laboratory for testing of water samples collected from the distribution at high ground network and the borewells and also newly opened water testing laboratory at Jayanagar for testing Water Samples collected from distribution network at various places such as West, North-West, South, South-East-2, South-West divisions.
8. As per the Water Quality Assurance Plan the collecting of Water Samples per service stations has been increased and also the collection samples by laboratory staffs itself at the consumer end.
9. Maintains a Meter Testing Laboratory for testing meters received from Maintenance divisions for their accuracy.



10. Maintains Sir.M.Visvesvaraih RWH Theme park, a unique structure on water conservation and rain water harvesting to create awareness among the general public.
11. Maintains Help Desk at RWH Theme Park & at Karnataka State Council Science & Technology to create awareness among the general public on water conservation and rain water harvesting.
12. Work of operation and maintenance of existing chlorine plants of different make of vacuum, type chlorinators installed at various service stations and GLR's premises of BWSSB and also 7Nos of new Chlorine Plants installation at various service stations are in under process.
13. Holding programmers to provide training to Plumbers, Engineers, Students, General Public with regard to implementation of rain water harvesting.
14. Procuring 15mm dia water meters against issue of old and defective water meters and the same will be utilized to replace MS/MD meters.
15. Monitoring of quality in various works carried out in the Board through Third Party Inspection agencies of materials and works costing Rs.1.00lakhs and above.
16. Maintenance and Construction of new and all Board buildings such as staff quarters, offices with in Bangalore.
17. Maintenance of vehicles of senior officers working in Cauvery Bhavan.
18. Maintenance of Water Quality Monitoring System by displaying all sample results on BWSSB's website as per the BIS standards for the parameters analyzed.
19. Design, Development and Deployment of software web portal application for the issue of NOC through online portal and sale of tertiary treated wastewater of BWSSB.
20. The Vehicle Tracking System is installed to various vehicles of BWSSB such as Jetting Machines, Water Tankers and De-Silting Machines through EE(MIS&IT).
21. The Bio-Metric Devices is installed at all service stations to monitoring the attendance of Officials/Staffs of service stations.



22. The various works of other departments/organizations have been undertaken under the Deposit Contribution of Works through EE(Design)-Civil division.
23. The new billing device issued to all service stations through EE(RBIT) division.
24. All the Works carried out in BWSSB has been updated to GIS System through EE(RBIT) division

Chief Engineer (Design)
BWSSB



CHIEF ADMINISTRATIVE OFFICER-CUM-SECRETARY

Chief Administrative officer cum secretary is assisted by PM, LO and PRO. The main functions of Chief Administrative Officer cum Secretary are to convene the meetings of the board and other Committee, draw up the proceedings and follow up their compliance. He is also incharge of the clinic under supervisor of Medical Officer and Legal Cell. He will also look after the payment of Medical bills of impatient to the recognized Hospitals directly, arranging Medical Camps as and when to conduct Health check up to employees and establishment matters deals with all other matters pertaining to Industrial relations with the staff and workers representatives.

Important Events and Highlights of Staffing Patterns Recruitment, Retirement and Death.

1. The Medical facilities that was granted to all the employees of the Board has been extended during the year 2019-20 and also included three More Hospital that is Bharathy Hospital, Sparsha Hospital & Tathagat Heart Hospital.
2. Monthly Medical Allowance to C & D Group Employees, special monthly allowance to senior/ junior Typist, Senior/ Junior Personal Assistant/Stenographer, Xerox Machine Operators, Drivers, Store Superintendent, FDSK/SDSK, Tipple Duty Allowance, Shift Allowance to Employee Working in shift and conveyance allowance to the Executive Staff and Sanitary employees has been extended during 2019-20.
3. Protective equipments to the personnel working at pump houses, Chlorinators and Drivers of jetting machines has been extended during 2019-20 also.
4. Arrangement were made to issue sweaters to D group employees working at water supply service stations, water treatment plants and pumping stations, once in 2 years.
5. 24 Children of officers and employees who have secured Distinction in SSLC and PUC examination and one among the Sanitary Workers, who had secured highest marks in SSLC during



the academic year 2018-19 have been awarded cash prize of Rs 6,250/- each with certificate under “Pratibha Puraskara” programme.

6. As per the agreement entered into between Management of BWSSB & BWSSB Employees Association, Bronze Cauvery Statue is being issued to the officers and Employees at the time of retirement during the year 2019-20 also which started w.e.f 01.01.2015.
7. Risk Allowances of Rs.500/- to Employees working at pump house, water treatment plants and sanitary water treatment plant has been extended during 2019-20.
8. In presence of Hon’ble Chairman farewell function for the officers and employees at the time of retirement has been extended during the year 2019-20 also.
9. Continued the facilities of issuing Coconut oil 1000gms, 501 Soap (8 Nos), Mysore Sandal Soap (4 Nos), Turkey Towel (04) and Dettol Soap (5 Nos) every month to each sanitary personnel and drivers of the jetting machine.
- 10. Details of Employees:**
 - a. 03 in Group “C” and 03 in Group “D” in total 06 Employees expired during the year 2019-20, dependents of such deceased employees were 06 appointed on compassionate ground.
 - b. Post under Group “B” 12 Posts and Group “C” 04 Posts were filled through direct recruitment during the year 2019-20.
 - c. A total of 100 officers and employees were retired on superannuation during the year 2019-20.
- 11. Industrial Relations:**
 - a. Rs 4,00,000/- and Rs 75,000/- respectively has been grants to BWSSB Employees Association and Sanitary Workers Union to bring out dairies for the year 2019-20.
 - b. Rs.7,25,000/- has been sanctioned to BWSSB Employees Association and its Local Committee & Sanitary Workers



Union, for celebration of Karnataka Rajyothsava Cultural activities. The Details are as follows.

Sl.No	Name	Amount
1.	BWSSB Employees Association (Central)	4,50,000/-
2.	T.K Halli Local Committee	1,00,000/-
3.	T.G Halli Local Committee	75,000/-
4.	Harohalli Local Committee	50,000/-
5.	Tataguni Local Committee	50,000/-
Total		7,25,000/-

12. Rs. 2,75,000/- has been sanctioned to the BWSSB Employees Association for celebration of 'World Women's Day'.
13. Rs. 4,00,000/- has been sanctioned to the BWSSB Sanitary Workers Union for celebration National Leadres of Dr|| B.R.Ambedkar and Jagajeevanram Jayanthi's.

The relationship between the Management and recognized unions remained cordial.

14. Employees Strength:

The overall group wise working strength of BWSSB employees stood at the end of 31.03.2018 is as here under:

Cadre	No Employers/Employees
Group 'A'	174
Group 'B'	195
Group 'C'	995
Group 'D'	509
Total	1,873

**FA-CAO****Revised Budget for the year 2019-20****Brief Note on the Budget for FY 2019-20 (Administrative and works)****Budget at a glance:****Capital Accounts:****Abstract of Capital Receipts and Expenditure for 2019-20 and 2020-21.****Rs. In Lakhs**

Capital Accounts	2019-20 (Revised)	2020-21
Receipts	208146.00	289306.83
Expenditure	196268.60	277804.00
Surplus/Deficit	11877.40	11502.83

Budget for Capital Works of the Board for 2019-20**(Amount allocated in BWSSB Budget)****Rs. In Lakhs**

Sl. No.	Particulars	Revised Budget for FY 2019-20
1	CWSS Stage IV Phase I	0
2	CWSS Stage IV Phase II	2441.39
3	CWSS Stage V	19827.71
4	Greater Bangalore Water Supply Project	1432
5	Karnataka Municipal Reforms Project	1092
6	Water supply to 110 villages project	35088.76
7	UGD facility to 110 villages Project	21452.44
8	JnNurm Transition Phase Project	1700.00
9	AMRUT Projects	38799.28
10	Mega City Revolving Fund Projects	34588.81
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	222.00
12	Providing UGD facility and treatment of sewage at Hesaraghatta and unforeseen expenditure for Maintenance Wing and procurement of sewer Jetting machines for each ward	1098.97
13	Revival/Refurbishment of Hesaraghatta and T G Halli Reservoir	5125.00
14	Rehabilitation of old Sewage Treatment Plants	0
15	Improvement works of the Board	33400.44
	Total	196268.60



Capital Expenditure of the Board for 2019-20

Rs. In Lakhs

Sl. No.	Particulars	Expenditure for FY 2019-20
1	CWSS Stage IV Phase I	0
2	CWSS Stage IV Phase II	1339.63
3	CWSS Stage V	4044.36
4	Greater Bangalore Water Supply Project	947.93
5	Karnataka Municipal Reforms Project	455.64
6	Water supply to 110 villages project	30766.08
7	UGD facility to 110 villages Project	20916.24
8	JnNurm Transition Phase Project	1030.01
9	AMRUT Projects	29330.41
10	Mega City Revolving Fund Projects	27675.95
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	0
12	Providing UGD facility and treatment of sewage at Hesaraghatta and unforeseen expenditure for Maintenance Wing and procurement of sewer Jetting machines for each ward	0
13	Revival/Refurbishment of Hesaraghatta and T G Halli Reservoir	950.7
14	Improvement works of the Board	28947.62
	Total	146404.57

(Note: The above figures of tentative unaudited expenditure and subject to audit of C & AG)



Budget Estimate for 2020-21
Capital Expenditure Budget of the Board for 2020-21

Rs. In Lakhs

Sl. No.	Particulars	Budget for FY 2020-21
1	CWSS Stage IV Phase I	0.00
2	CWSS Stage IV Phase II	4290.00
3	CWSS Stage V	80000.00
4	Greater Bangalore Water Supply Project	4035.04
5	Karnataka Municipal Reforms Project	665.00
6	Water supply to 110 villages project	39118.00
7	UGD facility to 110 villages Project	27240.00
8	JnNurm Transition Phase Project	535.00
9	AMRUT Projects	11030.00
10	Mega City Revolving Fund Projects	29150.00
11	Bellandur, Varthur, Cubbon Park STP and KSPCB Projects	4785.00
12	Providing UGD facility and treatment of sewage at Hesaraghatta and unforeseen expenditure for Maintenance Wing and procurement of sewer Jetting machines for each ward	1860.00
13	Revival/Refurbishment of Hesaraghatta and T G Halli Reservoir	10000.00
14	Rehabilitation of old Sewage Treatment Plants	5000.00
15	Improvement works of the Board	60095.96
	Total	277804.00

**Revenue Accounts:****Abstract of Revenue Receipts and Expenditure for 2019-20 and 2020-21.**

(Rs. In Lakhs)

Revenue Accounts	2019-20 (Revised)	2020-21
Receipts	150137.00	165137.00
Expenditure	229498.00	275230.01
Surplus/Deficit	-79361.01	-110093.00

Revenue Expenditure Revised Budget of the Board for 2019-20 (Rs. In Lakhs)

Sl.	Particulars	Revised Budget for FY 2019-20
1	Establishment	28548.81
2	Power Charges	59368.40
3	Maintenance Works	27582.79
4	General Administration	28798.00
5	Debt Servicing	60000.00
6	Pension Fund Contribution	10000.00
7	GIS Fund	200.00
8	Depreciation Reserve	15000.00
	Total	229498.00

Revenue Expenditure incurred on Administrative cost and works for FY 2019-20

Rs. In Lakhs

Sl. No.	Particulars	Expenditure for FY 2019-20
1	Establishment	25578.02
2	Power Charges	58604.77
3	Maintenance Works	18167.44
4	General Administration	9674.22
5	Debt Servicing	30617.69
6	Pension Fund Contribution	
7	GIS Fund	7406.46
8	Depreciation Reserve	22713.17
	Total	172761.76

(Note: The above figures of tentative unaudited expenditure and subject to audit of C & AG)



Budget Estimate for 2020-21
(Revenue Expenditure Budget for 2020-21)

Rs. In Lakhs

Sl. No.	Particulars	Budget for FY 2020-21
1	Establishment	32344.18
2	Power Charges	66239.33
3	Maintenance Works	30266.50
4	General Administration	26180.00
5	Debt Servicing	75000.00
6	Pension Fund Contribution	25000.00
7	GIS Fund	200.00
8	Depreciation Reserve	20000.00
	Total	275230.01

Financial Adviser-CAO,
BWSSB.



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