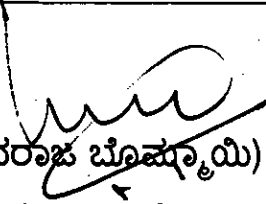


ಕರ್ನಾಟಕ ವಿಧಾನ ಪರಿಷತ್ತು

ಸದಸ್ಯರ ಹೆಸರು : ಶ್ರೀ ಸುನೀಲ್‌ಗೌಡ ಪಾಟೀಲ್ (ಸ್ಥಳೀಯ ಸಂಸ್ಥೆಗಳ ಕ್ಷೇತ್ರ)
 ಚುಕ್ಕೆ ರಹಿತ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ : 448
 ಉತ್ತರ ದಿನಾಂಕ : 16.02.2023
 ಉತ್ತರಿಸುವವರು : ಮಾನ್ಯ ಮುಖ್ಯ ಮಂತ್ರಿಗಳು

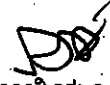
ಕ್ರ.ಸಂ	ಪ್ರಶ್ನೆ	ಉತ್ತರ
(ಅ)	ವಿಜಯಪುರ ಜಿಲ್ಲೆಯ ಬಬಲೇಶ್ವರ ತಾಲ್ಲೂಕಿನ ಗುಣದಾಳ ಗ್ರಾಮ ಪಂಚಾಯತ್ ನಲ್ಲಿ ಜಲ ಜೀವನ್ ಮಿಷನ್ ಯೋಜನೆಯಲ್ಲಿ ಕೈಗೊಂಡ ಕಾಮಗಾರಿಗಳು ಕಳಪೆಯಾಗಿರುವುದು ಸರ್ಕಾರದ ಗಮನಕ್ಕೆ ಬಂದಿದೆಯೇ; (ಸದರಿ ಯೋಜನೆಯಲ್ಲಿ ಕೈಗೊಂಡ ಕಾಮಗಾರಿಗಳ ಕ್ರಿಯಾ ಯೋಜನೆ ಎಸ್ಐಮೇಟ್ (Estimate), ಎಂ.ಬಿ. ಪುಸ್ತಕ ಹಾಗೂ ಪೋಟೊ ಸಹಿತ ವಿವರಗಳನ್ನು ನೀಡುವುದು;	ವಿಜಯಪುರ ಜಿಲ್ಲೆಯ ಬಬಲೇಶ್ವರ ತಾಲ್ಲೂಕಿನ ಗುಣದಾಳ ಗ್ರಾಮ ಪಂಚಾಯತ್ ನಲ್ಲಿ ಜಲ ಜೀವನ್ ಮಿಷನ್ ಯೋಜನೆಯಡಿ 04 ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಗೊಂಡಿದ್ದು, ಅವುಗಳ ಪೈಕಿ 03 ಕಾಮಗಾರಿಗಳು ಪ್ರಗತಿಯಲ್ಲಿದ್ದು, 01 ಕಾಮಗಾರಿಯ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಅನುಮೋದನೆ ಹಂತದಲ್ಲಿರುತ್ತದೆ. ಪ್ರಗತಿಯಲ್ಲಿರುವ ಕಾಮಗಾರಿಗಳು ಕಳಪೆಯಾಗಿರುವುದು ಸರ್ಕಾರದ ಗಮನಕ್ಕೆ ಬಂದಿರುವುದಿಲ್ಲ. ಸದರಿ ಯೋಜನೆಯಲ್ಲಿ ಕೈಗೊಂಡ ಕಾಮಗಾರಿಗಳ ಕ್ರಿಯಾ ಯೋಜನೆ ಎಸ್ಐಮೇಟ್ (Estimate), ಎಂ.ಬಿ. ಪುಸ್ತಕ ಹಾಗೂ ಪೋಟೊ ಸಹಿತ ವಿವರಗಳನ್ನು ಅನುಬಂಧದಲ್ಲಿ ನೀಡಿದೆ.
(ಆ)	ಬಂದಿದ್ದಲ್ಲಿ, ಕಳಪೆ ಕಾಮಗಾರಿಗಳ ದುರಸ್ತಿ ಮತ್ತು ಕಾರಣರಾದವರ ಮೇಲೆ ಸರ್ಕಾರ ಕೈಗೊಂಡ ಕ್ರಮಗಳೇನು?	ಅನ್ವಯಿಸುವುದಿಲ್ಲ.

ಸಂ:ಗ್ರಾಕುನೀ&ನ್ಯೆಇ/19/ಅಧೀಕ್ಷಕರು-1/2023


 (ಬಸವರಾಜ ಬೊಟ್ಟಾಯಿ)
 ಮುಖ್ಯಮಂತ್ರಿ

ಚುಕ್ಕೆ ರಹಿತ ಪ್ರಶ್ನೆ ಸಂಖ್ಯೆ:448ರ ಅನುಬಂಧ

ಕ್ರ.ಸಂ.	ಗ್ರಾಮ ಪಂಚಾಯತಿ	ಜನವಸತಿ	ಕ್ರಿಯಾ ಯೋಜನೆ	ಎಸ್ಪಿ.ಮೇಟ	ಎಂ.ಬಿ. ಪುಸ್ತಕ	ವೋಟೋ
1	ಗುಣದಾಳ	ಗುಣದಾಳ	ಅಡಕಗೊಳಿಸಿದೆ	ಅಡಕಗೊಳಿಸಿದೆ	ಅಡಕಗೊಳಿಸಿದೆ	ಅಡಕಗೊಳಿಸಿದೆ
2		ಕೆಂಗಲಗುತ್ತಿ				
3		ಶಿರಬೂರ			ಕಾಮಗಾರಿಯ ಬಿಲ್ಲ ಸಲ್ಲಿಸಿರುವುದಿಲ್ಲ.	
4		ಬಿದರಿ ಆರ್ ಸಿ			ಅನುಮೋದನೆ ಹಂತದಲ್ಲಿರುತ್ತದೆ.	


 ಮುಖ್ಯ ಅಭಿಯಂತರರು,
 ಗ್ರಾ.ಕು.ನೀ&ನೈ ಇಲಾಖೆ
 ಚುಕ್ಕೆ ಬೆಂಗಳೂರು

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಜಿಲ್ಲಾ ಪಂಚಾಯತಿ ವಿಜಯಪುರ

ಕನಕದಾಸ ಬಡಾವಣೆ ವಿಜಯಪುರ 586109

ದೂರವಾಣಿ : 08352-277293

Telephone : 276378

Email : ceo_zp_bjp@nic, bjpdnsnrega@gmail.com

ವ್ಯಾಪ್ತ : 08352-276983

Fax : 276038

ಜಿಪಂಅ/ಗ್ರಾಕುನೀ/ಸಿಆರ್- 2020-21

ದಿನಾಂಕ : 09.09.2021

ವಿಷಯ : 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆ ವಿಜಯಪುರ ತಾಲೂಕಿನ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation

Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20

Dated: 19.06.2019.

2) ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: RDW&SD/126/CE/Tech/2021-22 ದಿನಾಂಕ: 16.08.2021.

3) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ, ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: 86 ದಿನಾಂಕ: 07.08.2021 ಮತ್ತು 88 ದಿನಾಂಕ: 09.08.2021.

4) ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ, ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: 694 ದಿನಾಂಕ: 09.08.2021

ಪ್ರಸ್ತಾವನೆ:

ಮೇಲಿನ ಉಲ್ಲೇಖಗಳ ಪ್ರಕಾರ, 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿ ಗ್ರಾಮಗಳಲ್ಲಿ ಮೂಲ ಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗಳ ಕ್ರಿಯಾ ಯೋಜನೆಯನ್ನು ಉಲ್ಲೇಖಿತ ಪತ್ರ (2)ರಡಿ ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಅದರಂತೆ ಸದರಿ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಗಾಗಿ ಸಲ್ಲಿಸಿದ್ದು, ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಅವಶ್ಯವಿದ್ದು, ಉಲ್ಲೇಖ (1)ರ ಸರ್ಕಾರಿ ಆದೇಶದನ್ವಯ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಇರುವುದು ಎಂದು ಉಲ್ಲೇಖ-(4) ರಡಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ಈ 14 ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಕೋರಿ ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಚಾಲ್ತಿ ಪಾರದರ್ಶಕ ನೀತಿಯನ್ವಯ ನಿಯಮಾನುಸಾರ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ ವಿಜಯಪುರ ಇವರಿಗೆ ಮುಂದಿನ ಪ್ರಕ್ರಿಯೆಯನ್ನು ಅನುಸರಿಸಲು ಅನುಮಾನವಂತೆ ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಕಾರ್ಯಕ್ರಮದ ಅಡಿಯಲ್ಲಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಬೇಕಾಗಿದೆ. ಆದ್ದರಿಂದ ಈ ಆದೇಶ

-: ಆದೇಶ :-

ನಂ.ಜಿಪಂಅ/ಗ್ರಾಕುನೀ/ವಿನಿಡಿ- /2021-22

ದಿನಾಂಕ- 09-09-2021

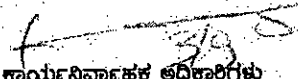
ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ವಿವರಿಸಿದ ಅಂಶಗಳನ್ನು ಗಮನಿಸಿ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಯೋಜನೆಯ ಕುಡಿಯುವ ನೀರಿನ ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಗೊಳ್ಳಲು ಈ ಕೆಳಕಂಡ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿದೆ.

Sl. No	Habitations	Name of Work	Tender Colled FIITC	Cost of Part- A Incl. GST Augamantion (Rising main & New OHT/Repair of OHT)	Cost of Part- B Incl. GST (Distribution System & FIITCs etc)	Other cost (TPI charges & Consultancy charges etc.,)	Total Cost	Cost per FHTC of Part A	Cost per FHTC of Part B
1	3	4	5	6	7	8	9	10	11
Taluka: Vijayapur									
1	KARIBERRAPPAN DODDI	Providing Functional Household Tap Connections To 152 Households In KARIBERRAPPAN DODDI Habitation of NAGATHAN Village, Vijayapur Taluka In Vijayapur District Through Nagathan & Other 53 Villages In Vijayapur District (55 LPCD)	152	1500000.00	2250000.00	410000.00	4160000.00	9868	14803
2	JALAGERI LT 6	Providing Functional Household Tap Connections To 136 Households In JALAGERI LT 6 Habitation of JALAGERI Village, Vijayapur Taluka In Vijayapur District Through Tikota & Other 23 Villages In Vijayapur District (55 LPCD)	136	1575000.00	2030037.00	394963.00	4000000.00	11581	14927
3	GOLDENDODDI	Providing Functional Household Tap Connections To 257 Households In GOLDENDODDI Habitation of ALIYABAD Village, Vijayapur Taluka In Vijayapur District Through Nagathan & Other 53 Villages In Vijayapur District (55 LPCD)	257	714000.00	3325000.00	461000.00	4500000.00	2778	12938
4	BABANAGAR HK	Providing Functional Household Tap Connections To 142 Households In BABANAGAR HK Habitation of BABANAGAR Village Vijayapur Taluka In Vijayapur District Through Tikota & Other 23 Villages In Vijayapur District (55 LPCD)	142	515000.00	2100070.00	309930.00	2925000.00	3627	14789
5	TORAVI LT-3	Providing Functional Household Tap Connections To 128 Households In TORAVI LT-3 Habitation of TORAVI Village Vijayapur Taluka In Vijayapur District Through Cover Under City Corporation Water Supply of Vijayapur Taluka In Vijayapur District (55 LPCD)	128	270000.00	1599545.00	230455.00	2100000.00	2109	12496
6	MANE VASTI	Providing Functional Household Tap Connections To 213 Households In MANE VASTI Habitation of ALIYABAD Village, Vijayapur Taluka In Vijayapur District Through Nagathan & Other 53 Villages In Vijayapur District (55 LPCD)	213	240000.00	2725000.00	345000.00	3310000.00	1127	12793
7	GUNADAL	Providing Functional Household Tap Connections To 609 Households In GUNADAL Habitation of GUNADAL Village, Vijayapur Taluka In Vijayapur District Through MAMADAPUR & Other 30 Villages In Vijayapur District (55 LPCD)	609	544000.00	7903480.00	977520.00	9425000.00	893	12978
8	KENGALAGUTTI	Providing Functional Household Tap Connections To 627 Households In KENGALAGUTTI Habitation of KENGALAGUTTI Village, Vijayapur Taluka In Vijayapur District Through MAMADAPUR & Other 30 Villages In Vijayapur District (55 LPCD)	627	1792000.00	7194000.00	1009000.00	9995000.00	2858	11474
9	SANGAPUR H	Providing Functional Household Tap Connections To 525 Households In SANGAPUR H Habitation of HALAGANI Village, Vijayapur Taluka In Vijayapur District Through MAMADAPUR & Other 30 Villages In Vijayapur District (55 LPCD)	525	325000.00	6680000.00	805000.00	7810000.00	619	12724
10	GUGADADDI	Providing Functional Household Tap Connections To 304 Households In GUGADADDI Habitation of GUGADADDI Village, Vijayapur Taluka In Vijayapur District Through Nagathan & Other 53 Villages In Vijayapur District (55 LPCD)	304	2230000.00	3860000.00	620000.00	6710000.00	7336	12697

13	JALAGERU LT 2	Providing Functional Household Tap Connections To 100 Households In JALAGERU LT 2 Habitation of JALAGERU Village, Vijayapur Taluka in Vijayapur District Through Tikota & Other 23 Villages in Vijayapur District (55 LPCD)	100	940000.00	2690658.00	404342.00	4025000.00	5167	14948
17	LOHAGOAN LT 2	Providing Functional Household Tap Connections To 421 Households In LOHAGOAN LT 2 Habitation of LOHAGOAN Village, Vijayapur Taluka in Vijayapur District Through Tikota & Other 23 Villages in Vijayapur District (55 LPCD)	421	2300000.00	5583062.00	876938.00	8760000.00	5453	13261
13	TIGANI BIDARI	Providing Functional Household Tap Connections To 452 Households In TIGANI BIDARI Habitation of TIGANI BIDARI Village, Vijayapur Taluka in Vijayapur District Through MAMADAPUR & Other 30 Villages in Vijayapur District (55 LPCD)	452	527000.00	6669377.00	828623.00	8025000.00	1166	14755
14	SOMADRAVA RAHATTI LT 3	Providing Functional Household Tap Connections To 131 Households In SOMADRAVA RAHATTI LT 3 Habitation of SOMADRAVA RAHATTI Village Vijayapur Taluka in Vijayapur District Through Tikota & Other 23 Villages in Vijayapur District (55 LPCD)	131	1050000.00	1913273.92	336726.08	3300000.00	8015	14605
TOTAL			4277	14512000.00	56523502.92	8909497.08	79045000.00	3393	13216

ಪರಮಗಳು:-

- 1) ಸದರಿ ಕಾಮಗಾರಿಗೆ ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿದ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಎದುರಾಗಿ ಹಂಚಿಕೆ ಮಾಡಿದ ಅನುದಾನದ ಮೊತ್ತಕ್ಕೆ ಮಿತಿಗೊಳಿಸುವುದು. ಒಂದು ವೇಳೆ ಸದರಿ ಲೆಕ್ಕಶೀರ್ಷಿಕೆಯಡಿ ಪ್ರಸಕ್ತ ಸಾಲಿನಲ್ಲಿ ಅನುದಾನ ಉಳಿತಾಯವಾಗಿದ್ದರೆ ಹಾಗೂ ಕಾಮಗಾರಿ ಎಲ್ಲ ರೀತಿಯಿಂದಲೂ ಪೂರ್ಣಗೊಂಡಿದ್ದರೆ ನಿಯಮಾನುಸಾರ ಸರ್ಕಾರಿ ಅಧಿಕಾರಿಗಳ ಅನುಮತಿ ಪಡೆದು ಹೆಚ್ಚುವರಿ ಹಣ ಪಾವತಿಸಿ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- 2) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: 756 ದಿನಾಂಕ: 07.09.2020 ರನ್ವಯ ಸದರಿ ಕಾಮಗಾರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಡಿ ಪ್ರತಿ PHTC ಮೊತ್ತವು ರೂ. 15000/-ಕ್ಕಿಂತ ಹೆಚ್ಚುವರಿಯಾಗಿದ್ದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವ್ಯಕ್ತ, ಬೆಂಗಳೂರು ಇವರಿಂದ ತಾಂತ್ರಿಕ ಪರಿಶೀಲನೆ ಮಾಡಿಕೊಂಡು, ಅನುಮೋದನೆ ಪಡೆಯಲು ಸೂಚಿಸಿದೆ.
- 3) ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ರಾಜ್ ಅಧಿನಿಯಮ 1993 ಕಾಯ್ದೆ ಕಲಂ 12 (ಹಜ್) ,12B(ಬಿ)167(ಹಜ್) ಪ್ರಕಾರ ಪಂಚಾಯತ್ ರಾಜ್ ಸಂಸ್ಥೆಗಳ ಚುನಾಯಿತ ಪ್ರತಿನಿಧಿಗಳು, ಸದಸ್ಯರುಗಳು ಯಾವುದೇ ಕಾಮಗಾರಿಗಳ ಗುತ್ತಿಗೆಯನ್ನು ಪ್ರತ್ಯಕ್ಷವಾಗಿ ಅಥವಾ ಪರೋಕ್ಷವಾಗಿ ಮಾಡುವಂತಿಲ್ಲ.
- 4) ಗುತ್ತಿಗೆದಾರರಿಗೆ ಪೂರ್ಣ ಹಣ ಪಾವತಿಸುವ ಮೊದಲು ಕಡ್ಡಾಯವಾಗಿ ಕಾಮಗಾರಿ ಪೂರ್ಣಗೊಂಡ ಛಾಯಾ ಚಿತ್ರವನ್ನು ಪಡೆದ ನಂತರ ಆರ್.ಐ.ಪಿ.ಎಸ್. ಮೂಲಕ ಗುತ್ತಿಗೆದಾರರ ಖಾತೆಗೆ ಖಾತೆಗೆ ಕಡ್ಡಾಯವಾಗಿ ಹಣ ಪಾವತಿ ಮಾಡತಕ್ಕದ್ದು. ಯಾವುದೇ ನಂದರ್ಭದಲ್ಲೂ ನೇರ ಹಣಸಂದಾಯ ಮಾಡುವಂತಿಲ್ಲ.
- 5) ವರ್ಕೆ ನಾಶ ತಂತ್ರಾಂಶ ಕುರಿತು ಈಗಾಗಲೇ ಹೊರಡಿಸಿರುವ ಸುತ್ತೋಲೆಯನ್ನು ಅನ್ವಯಗೊಳಿಸಿ ಅಧೀಕ ಮತ್ತು ಭೌತಿಕ ಶಿಷ್ಟ ಪಾಲನತಕ್ಕದ್ದು.
- 6) ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭ ಮತ್ತು ಪೂರ್ಣಗೊಳಿಸುವ ದಿನಾಂಕ ಹಾಗೂ ಇತರ ಅಗತ್ಯ ವಿವರಗಳು ಗುತ್ತಿಗೆದಾರರಿಂದ ಮಾಡಿಕೊಳ್ಳುವ ಪತ್ರದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಲಗತ್ತಿಸತಕ್ಕದ್ದು.
- 7) ಯಾವುದೇ ಯೋಜನೆಯಡಿ ಯಾವುದೇ ತರಹದ ಕಾಮಗಾರಿಗಳನ್ನು ಸರ್ಕಾರಿ ಪ್ರಾಧಿಕಾರದಲ್ಲೇ ನೋಂದಾಯಿಸಲ್ಪಟ್ಟಿರುವ ಗುತ್ತಿಗೆದಾರರಿಂದ ಮಾತ್ರವೇ ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು.
- 8) ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಕಾಮಗಾರಿಗಳ ಗುಣಮಟ್ಟದಲ್ಲಿ ಹಿನ್ನಡೆಯುಂಟಾಗದಂತೆ ಎಚ್ಚರಿಕೆ ವಹಿಸಬೇಕು ಹಾಗೂ ಕಳಪೆಮಟ್ಟದ ಕೆಲಸಕ್ಕೆ ಯಾವುದೇ ಅವಕಾಶ ನೀಡಬಾರದು ವಹಿಸಿದಂತಹ ಕಾಮಗಾರಿಗಳನ್ನು ನಿಗದಿಪಡಿಸಿದ ಕಾಲಾವಧಿಯೊಳಗೆ ಉತ್ತಮ ಗುಣಮಟ್ಟದೊಂದಿಗೆ ಅನುಷ್ಠಾನಕ್ಕೆ ತರಬೇಕು, ಒಂದು ವೇಳೆ ಕಳಪೆ ಕಾಮಗಾರಿಗಳು ಕಂಡುಬಂದಲ್ಲಿ ಸಂಬಂಧಿಸಿದವರ ಮೇಲೆ ಕಠಿಣವಾದ ಕಾನೂನು ಕ್ರಮ ಜರುಗಿಸಲಾಗುವುದು.
- 9) ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿಗಳಲ್ಲಿ ಪ್ರಾರಂಭಿಕ ಅಳವಡಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕಾಮಗಾರಿಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಎಲ್ಲ ವಿವರಗಳನ್ನು ಸೂಚಿಸುವ ನಾಮಫಲಕವನ್ನು ಸದರಿ ಸ್ಥಳದಲ್ಲಿ ಹಾಕತಕ್ಕದ್ದು, ಸದರಿ ನಾಮಫಲಕದಲ್ಲಿ ಕಾಮಗಾರಿಯ ಅನುಮೋದಿತ ಮೊತ್ತ ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು, ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭದ ದಿನಾಂಕ, ಕಾಮಗಾರಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಬೇಕಾದ ಅವಧಿ ಇತ್ಯಾದಿಗಳನ್ನು ಪ್ರದರ್ಶಿಸತಕ್ಕದ್ದು.
- 10) ಜಲ ಟೀವನ ಮಿಷನ್ ಯೋಜನೆಯ ಮಾರ್ಗಸೂಚಿಗಳನ್ವಯ ಕಾಮಗಾರಿಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸೂಚಿಸಿದೆ.
- 11) ಈ ಮೇಲಿನ ಕಾಮಗಾರಿಗಳನ್ನು ಅಲ್ಪಾವಧಿ ಬೆಂಚರ್ ಮೂಲಕ ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸೂಚಿಸಿದೆ.
- 12) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: ಗ್ರಾಕುನೀಟಿ/ಇ/145/ಮುಇಂ/ತಾಂತ್ರಿಕ/2020/170 ದಿನಾಂಕ: 03.04.2021 ರನ್ವಯ ಅನುದಾನ ಹಂಚಿಕೆಯಂತೆ ಕ್ರಮ ವಹಿಸುವುದು.


 ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು
 ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು



ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ಜಿಲ್ಲಾ ಪಂಚಾಯತಿ ವಿಜಯಪುರ
ಕನಕದಾಸ ಐಡಾವಣೆ ವಿಜಯಪುರ ೦೮೬೧೦೯

ದೂರವಾಣಿ : ೦೮೩೩೨-೨೭೭೨೯೩

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Fax : 276038

ಜಿಪಿಎಂ/ಗ್ರಾಕನಿ/೨೦೨೦-೨೧

ದಿನಾಂಕ : 12.2021

ವಿಷಯ : 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JIM) ಯೋಜನೆಯಡಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆ ಬಸವನ ಬಾಗೇವಾಡಿ ತಾಲೂಕಿನ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation

Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20

Dated: 19.06.2019.

2) ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: RDW&SD/126/CE/Tech/2021-22 ದಿನಾಂಕ: 16.08.2021.

3) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ, ಉಪ-ವಿಭಾಗ ಬಸವನ ಬಾಗೇವಾಡಿ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: ದಿನಾಂಕ:

4) ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ, ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: ದಿನಾಂಕ:

ಪ್ರಸ್ತಾವನೆ:

ಮೇಲಿನ ಉಲ್ಲೇಖಗಳ ಪ್ರಕಾರ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JIM) ಯೋಜನೆಯಡಿ ಗ್ರಾಮಗಳಲ್ಲಿ ಮೂಲ ಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗಳ ಕ್ರಿಯಾ ಯೋಜನೆಯನ್ನು ಉಲ್ಲೇಖಿತ ಪತ್ರ (2)ರಡಿ ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಆದರಂತೆ ಸದರಿ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಗಾಗಿ ಸಲ್ಲಿಸಿದ್ದು, ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಅವಶ್ಯವಿದ್ದು, ಉಲ್ಲೇಖ (1)ರ ಸರ್ಕಾರಿ ಆದೇಶದನ್ವಯ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಇರುವುದು ಎಂದು ಉಲ್ಲೇಖ-(4) ರಡಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ಈ 4 ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಕೋರಿ ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಶಾಲ್ತಿ ಪಾರದರ್ಶಕ ನೀತಿಯನ್ವಯ ನಿಯಮಾನುಸಾರ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ ವಿಜಯಪುರ ಇವರಿಗೆ ಮುಂದಿನ ಪ್ರಕ್ರಿಯೆಯನ್ನು ಅನುಸರಿಸಲು ಅನುವಾಗುವಂತೆ ಜಲ ಜೀವನ ಮಿಷನ್ (JIM) ಕಾರ್ಯಕ್ರಮದ ಅಡಿಯಲ್ಲಿ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಬೇಕಾಗಿದೆ. ಆದ್ದರಿಂದ ಈ ಆದೇಶ

-: ಆದೇಶ :-

ನಂ.ಜಿಪಿಎಂ/ಗ್ರಾಕನಿ/೨೦೨೧-೨೨

ದಿನಾಂಕ- 03-12-2021

ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ವಿವರಿಸಿದ ಅಂಶಗಳನ್ನು ಗಮನಿಸಿ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ ಮಿಷನ್ (JIM) ಯೋಜನೆಯ ಕುಡಿಯುವ ನೀರಿನ ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಗೊಳ್ಳಲು ಈ ಕೆಳಕಂಡ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿದೆ.

Sl. No	Habitations	Name of Work	Tender Called FHTC	Estimate Cost	Cost of FHTC
1	2	3	4	5	6
Taluka: VIJAYAPUR					
1	SHIRABUR	Providing FHTC's to 730 Households in SHIRABUR habitation of SHIRABUR Village, Vijayapur Taluka through Mamadapur & other 30 Village in Vijayapur Taluka (55 LPCD)	730	13200000.00	18082.19
2	MAMADAPUR	Providing FHTC's to 1315 Households in MAMADAPUR habitation of MAMADAPUR Village, Vijayapur Taluka through Mamadapur & other 30 Village in Vijayapur Taluka (55 LPCD)	1315	24425000.00	18574.14
3	ATALATTI	Providing FHTC's to 620 Households in ATALATTI habitation of ATALATTI Village, B.Bagewadi Taluka through Tikota & other 23 Village in Vijayapur Taluka (55 LPCD)	620	14200000.00	22903.22
4	NIDONI	Providing FHTC's to 1760 Households in NIDONI habitation of NIDONI Village, B.Bagewadi Taluka through Tikota & other 23 Village in Vijayapur Taluka (55 LPCD)	1760	24875000.00	14133.52
TOTAL			4425	76700000.00	17333.33
4					

ಪರಾಮರ್ಶೆ:-

- 1) ಸದರಿ ಕಾಮಗಾರಿಗೆ ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿದ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಏನು ರಾಗಿ ಹಂಚಿಕೆ ಮಾಡಿದ ಅನುದಾನದ ಮೊತ್ತಕ್ಕೆ ಮಿತಗೊಳಿಸುವುದು. ಒಂದು ವೇಳೆ ಸದರಿ ಲೆಕ್ಕಶೀರ್ಷಿಕೆಯಡಿ ಪ್ರಸ್ತುತ ಸಾಲಿನಲ್ಲಿ ಅನುದಾನ ಉಪತಾಯವಾಗಿದ್ದರೆ ಹಾಗೂ ಕಾಮಗಾರಿ ಎಲ್ಲ ರೀತಿಯಿಂದಲೂ ಪೂರ್ಣಗೊಂಡಿದ್ದರೆ ನಿಯಮಾನುಸಾರ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳ ಅನುಮತಿ ಪಡೆದು ಹೆಚ್ಚುವರಿ ಹಣ ಪಾವತಿಸಿ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- 2) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: 1213 ದಿನಾಂಕ: 20.09.2021 ರನ್ವಯ ಸದರಿ ಕಾಮಗಾರಿ ಅಂದಾಜು ಪತ್ರಗಳಿಗೆ ಅಧೀಕೃತ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವ್ಯಕ್ತ ಬೆಳಗಾವಿ ಇವರಿಂದ ತಾಂತ್ರಿಕ ಪರಿಶೀಲನೆ ಮಾಡಿಕೊಂಡು, ಅನುಮೋದನೆ ಪಡೆಯಲು ಸೂಚಿಸಿದೆ.
- 3) ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ರಾಜ್ ಅಧಿನಿಯಮ 193 ಕಾಯ್ದೆ ಕಲಂ 12 (ಹೆಚ್) ,12ಎ(ಬಿ)167(ಹೆಚ್) ಪ್ರಕಾರ ಪಂಚಾಯತ್ ರಾಜ್ ಸಂಸ್ಥೆಗಳ ಚುನಾಯಿತ ಪ್ರತಿನಿಧಿಗಳು, ಸದಸ್ಯರುಗಳು ಯಾವುದೇ ಕಾಮಗಾರಿಗಳ ಗುತ್ತಿಗೆಯನ್ನು ಪ್ರತ್ಯಕ್ಷವಾಗಿ ಅಥವಾ ಪರೋಕ್ಷವಾಗಿ ಮಾಡುವಂತಿಲ್ಲ.
- 4) ಗುತ್ತಿಗೆದಾರರಿಗೆ ಪೂರ್ಣ ಹಣ ಪಾವತಿಸುವ ಮೊದಲು ಕಡ್ಡಾಯವಾಗಿ ಕಾಮಗಾರಿ ಪೂರ್ಣಗೊಂಡ ಛಾಯಾ ಚಿತ್ರವನ್ನು ಪಡೆದ ನಂತರ ಆರ್.ಪಿ.ಜಿ.ಎಸ್. ಮೂಲಕ ಗುತ್ತಿಗೆದಾರರ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ ಕಡ್ಡಾಯವಾಗಿ ಹಣ ಪಾವತಿ ಮಾಡತಕ್ಕದ್ದು. ಯಾವುದೇ ಸಂದರ್ಭದಲ್ಲೂ ನೇರ ಹಣಸಂದಾಯ ಮಾಡುವಂತಿಲ್ಲ.
- 5) ವರ್ಕ ಸಾಫ್ಟ್ ತಂತ್ರಾಂಶ ಕುರಿತು ಈಗಾಗಲೇ ಹೊರಡಿಸಿರುವ ಸುತ್ತೋಲೆಯನ್ನು ಅನ್ವಯಗೊಳಿಸಿ ಅಧಿಕ ಮತ್ತು ಭೌತಿಕ ಶಿಸ್ತು ಪಾಲಿಸತಕ್ಕದ್ದು.
- 6) ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭ ಮತ್ತು ಪೂರ್ಣಗೊಳಿಸುವ ದಿನಾಂಕ ಹಾಗೂ ಇತರ ಅಗತ್ಯ ವಿವರಗಳು ಗುತ್ತಿಗೆದಾರರೊಂದಿಗೆ ಮಾಡಿಕೊಳ್ಳುವ ಪತ್ರದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಲಗತ್ತಿಸತಕ್ಕದ್ದು.
- 7) ಯಾವುದೇ ಯೋಜನೆಯಡಿ ಯಾವುದೇ ತರಹದ ಕಾಮಗಾರಿಗಳನ್ನು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಲ್ಲ ನೋಂದಾಯಿಸಲ್ಪಟ್ಟಿರುವ ಗುತ್ತಿಗೆದಾರರಿಂದ ಮಾತ್ರವೇ ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು.
- 8) ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಕಾಮಗಾರಿಗಳ ಗುಣಮಟ್ಟದಲ್ಲಿ ಹಿನ್ನಡೆಯಿಂದಾಗದಂತೆ ಎಚ್ಚರಿಕೆ ವಹಿಸಬೇಕು ಹಾಗೂ ಕಳಪೆಮಟ್ಟದ ಕೆಲಸಕ್ಕೆ ಯಾವುದೇ ಅವಕಾಶ ನೀಡಬಾರದು ವಹಿಸಿದಂತಹ ಕಾಮಗಾರಿಗಳನ್ನು ನಿಗದಿಪಡಿಸಿದ ಕಾಲಾವಧಿಯೊಳಗೆ ಉತ್ತಮ ಗುಣಮಟ್ಟದೊಂದಿಗೆ ಅನುಷ್ಠಾನಕ್ಕೆ ತರಬೇಕು. ಒಂದು ವೇಳೆ ಕಳಪೆ ಕಾಮಗಾರಿಗಳು ಕಂಡುಬಂದಲ್ಲಿ ಸಂಬಂಧಿಸಿದವರ ಮೇಲೆ ಕಠಿಣವಾದ ಕಾನೂನು ಕ್ರಮ ಜರುಗಿಸಲಾಗುವುದು.
- 9) ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿಗಳಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಳವಡಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕಾಮಗಾರಿಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಎಲ್ಲ ವಿವರಗಳನ್ನು ಸೂಚಿಸುವ ನಾಮಫಲಕವನ್ನು ಸದರಿ ಸ್ಥಳದಲ್ಲಿ ಹಾಕತಕ್ಕದ್ದು. ಸದರಿ ನಾಮಫಲಕದಲ್ಲಿ ಕಾಮಗಾರಿಯ ಅನುಮೋದಿತ ಮೊತ್ತ ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು, ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭದ ದಿನಾಂಕ, ಕಾಮಗಾರಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಬೇಕಾದ ಅವಧಿ ಇತ್ಯಾದಿಗಳನ್ನು ಪ್ರದರ್ಶಿಸತಕ್ಕದ್ದು.
- 10) ಜಲ ಜೀವನ ಮಿಷನ್ ಯೋಜನೆಯ ಮಾರ್ಗನೋಚಿಗಳನ್ವಯ ಕಾಮಗಾರಿಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸೂಚಿಸಿದೆ.
- 11) ಈ ಮೇಲಿನ ಕಾಮಗಾರಿಗಳನ್ನು ಅಲ್ಪಾವಧಿ ಒಡೆರ ಮೂಲಕ ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸೂಚಿಸಿದೆ.
- 12) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ: ಗ್ರಾಕುನೀಟಿ/ಇ/145/ಮುಇಂ/ತಾಂತ್ರಿಕ/2020/170 ದಿನಾಂಕ: 03.04.2021 ರನ್ವಯ ಅನುದಾನ ಹಂಚಿಕೆಯಂತೆ ಕ್ರಮ ವಹಿಸುವುದು.

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ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು
ಜಿಲ್ಲಾ ಪಂಚಾಯತಿ, ವಿಜಯಪುರ



- ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಅಧ್ಯಕ್ಷರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರಿಗೆ ಆದರಪೂರ್ವಕ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- ಪ್ರತಿಯನ್ನು ಮುಖ್ಯ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- ಪ್ರತಿಯನ್ನು ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ, ಬೆಳಗಾವಿ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಕುನೀ & ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರಿಗೆ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳೊಂದಿಗೆ ಅವಶ್ಯಕ ಕ್ರಮಕ್ಕಾಗಿ ಕಳುಹಿಸಿದೆ.

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ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು
ಜಿಲ್ಲಾ ಪಂಚಾಯತಿ, ವಿಜಯಪುರ



ಕಛೇರಿ ಟಿಪ್ಪಣಿ

ವಿಷಯ: ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JIM) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಗ್ರಾಮಗಳ ಕಾಮಗಾರಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20 Dated: 19.06.2019.

2) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ನೈ. ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ : 180 ದಿನಾಂಕ: 31.08.2021

3) ಈ ಕಛೇರಿ ಪ. ಸಂ 555 ದಿನಾಂಕ: 30.07.2021

4) ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ&ನೈ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆ ದಿನಾಂಕ: 16.08.2021

5) ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿ. ಪಂ ವಿಜಯಪುರ ಇವರ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಆದೇಶ ದಿನಾಂಕ : 03.09.2021

ಸನ್ 2020-21ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JIM 2215) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗೆ ಉಲ್ಲೇಖ (2)ರಡಿ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಅದಕ್ಕನುಗುಣವಾಗಿ ಉಲ್ಲೇಖ (5) ರಲ್ಲಿ ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಯಪುರ ಇವರು ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಉಲ್ಲೇಖ (1) ರ ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿ ತಿಳಿಸಿದಂತೆ ರೂ. 10.00 ಲಕ್ಷ ಮೇಲ್ಪಟ್ಟ ಹಾಗೂ ರೂ. 100.00 ಲಕ್ಷದವರೆಗಿನ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ವಿಕೇಂದ್ರೀಕರಣ ಪ್ರತ್ಯಾಯೋಜನೆ ಅಧಿಕಾರದನ್ವಯ ವಿಭಾಗ ಕಛೇರಿಗೆ ಇರುತ್ತದೆ. ಉಲ್ಲೇಖ (4)ರನ್ವಯ ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆಯಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ.

ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಆದುದರಿಂದ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಬೇಕಾಗಿರುತ್ತದೆ.

Sl No	Habitations	Name of Work	Tender Called FHTC	Cost of Part- A Augamentatio n (Rising main & New OHT/Repair of OHT)	Cost of Part- B (Distribution System &FHTCs etc)	Other cost (TPI charges & Consultanc y charges etc.)	Estimate Cost	Cost per FHTC of Part A	Cost per FHTC of Part B
1	2	3	4	5	6	7	8	9	10
1	GUNADAL	Providing Functional Household Tap Connections To 609 Households In GUNADAL Habitation of GUNADAL Village, Vijayapur Taluka in Vijayapur District Through MAMADAPUR & Other 30 Villages in Vijayapur District. (55 LPCD)	609	544000.00	7903480.00	977520.00	9425000.00	893	12978

[Signature]
ವಿಷಯ ನಿರ್ವಾಹಕ

(2) ಮಾನ್ಯ ಕಾ.ನಿ ಅಭಿಯಂತರರು *[Signature]*
3/9/21



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಹಾಗೂ ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ

ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಯಪುರ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಕಛೇರಿಯ ಸದುಪಳಿಗಳು.

ವಿಷಯ: ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಗ್ರಾಮಗಳ ಕಾಮಗಾರಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20 Dated: 19.06.2019.

2) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ನೈ. ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ : 180 ದಿನಾಂಕ: 31.08.2021

3) ಈ ಕಛೇರಿ ಪ. ಸಂ 555 ದಿನಾಂಕ: 30.07.2021

4) ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ.&ನೈ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆ ದಿನಾಂಕ: 16.08.2021

5) ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿ. ಪಂ ವಿಜಯಪುರ ಇವರ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಆದೇಶ ದಿನಾಂಕ : 03.09.2021

Head of Account: Jal Jeevan Mission (JJM) - 2215

ಪ್ರಸ್ತಾವನೆ

ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM 2215) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗೆ ಉಲ್ಲೇಖ (2)ರಡಿ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಅದಕ್ಕನುಗುಣವಾಗಿ ಉಲ್ಲೇಖ (5) ರಲ್ಲಿ ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಯಪುರ ಇವರು ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಉಲ್ಲೇಖ (1) ರ ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿ ತಿಳಿಸಿದಂತೆ ರೂ. 10.00 ಲಕ್ಷ ಮೇಲ್ಪಟ್ಟ ಹಾಗೂ ರೂ. 100.00 ಲಕ್ಷದವರೆಗಿನ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ವಿಕೇಂದ್ರೀಕರಣ ಪ್ರತ್ಯಾಯೋಜನೆ ಅಧಿಕಾರದನ್ವಯ ವಿಭಾಗ ಕಛೇರಿಗೆ ಇರುತ್ತದೆ. ಉಲ್ಲೇಖ (4)ರನ್ವಯ ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆಯಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ.

ಅದುದರಿಂದ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಕುರಿತು ಈ ಕೆಳಗಿನಂತೆ ಆದೇಶ ನೀಡಲಾಗಿದೆ.

ಆದೇಶ

ಮೇಲ್ಕಂಡ ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿಯ ಅಂಶಗಳನ್ನು ಕೂಲಂಕುಶವಾಗಿ ಪರಿಶೀಲಿಸಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ಈ ಕೆಳಗಿನಂತೆ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿ ವಿಭಾಗ ಕಛೇರಿ ನೋಡಣಿ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಲಾಗಿದೆ.

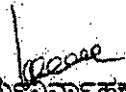
Sl No	Habitations	Name of Work	Tender Called FHTC	Cost of Part- A Augmentation (Rising main & New OHT/Repair of OHT)	Cost of Part- B (Distribution System & FHTCs etc)	Other cost (TP) charges & Consultancy charges etc..)	Estimate Cost	Cost per FHTC of Part A	Cost per FHTC of Part B
1	2	3	4	5	6	7	8	9	10
1	GUNADAL	Providing Functional Household Tap Connections To 609 Households in GUNADAL Habitation of GUNADAL Village, Vijayapur Taluka in Vijayapur District Through MAMADAPUR & Other 36 Villages in Vijayapur District (55 LPCD)	609	544800.00	7903480.00	977520.00	8425000.00	833	12978

Provision Made in JJM 2215 AAP 2021-22	Estimate sanctioned Number.
Rs 95.82 Lakhs	67/03.09.2021

ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿ

- 1) ಮನೆಗಳಿಗೆ ನಳ ಸಂಪರ್ಕ ಒದಗಿಸಿರುವ ಬಗ್ಗೆ ದಿನ ನಿತ್ಯ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಹಾಗೂ ಭೌತಿಕ ಹಾಗೂ ಆರ್ಥಿಕ ಪ್ರಗತಿಗಳನ್ನು ಆಗಿಂದಾಗ್ಗೆ ಇಂದಿಕ್ಕರಿಸಲು ಸೂಚಿಸಿದೆ.
- 2) ಮುಂಗಾರಿನ ಪೂರ್ವ ಮತ್ತು ಮುಂಗಾರಿನ ನಂತರ ಜಲ ಮೂಲಗಳ ಗುಣಮಟ್ಟ ಪರಿಶೀಲಿಸಿ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಕ್ರಮ ವಹಿಸುವುದು.
- 3) ಕಾಮಗಾರಿಯ ಅನುಷ್ಠಾನದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಮಾಡಬೇಕಾದಲ್ಲಿ ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳ ಒಪ್ಪಿಗೆ ಪಡೆಯತಕ್ಕದ್ದು.
- 4) ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ಇಲಾಖಾ ಸಂಹಿತೆ ಸೂಚಿತ ಎಲ್ಲಾ ಪ್ರಮಾಣ ಪತ್ರಗಳನ್ನು ಲಗತ್ತಿಸಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- 5) ಸದರಿ ಯೋಜನೆಯಡಿ ಅನುಮೋದನೆಗೊಂಡ ಕಾಮಗಾರಿಗಳು ಇಲಾಖೆಯ ಅಥವಾ ಬೇರೆ ಇಲಾಖೆಯ ಯಾವುದೇ ಕಾಮಗಾರಿ ಕೈಗೆತ್ತಿಕೊಂಡಲ್ಲಿ ಸಂಬಂಧಿಸಿದ ಅಧಿಕಾರಿಗಳು ಹೊಣೆಗಾರರು.
- 6) ಈ ಕಾಮಗಾರಿಯನ್ನು ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಮಾರ್ಗ ಸೂಚಿಯಂತೆ ನಿಗದಿತ ಸಮಯದಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಿ ಸಾರ್ವಜನಿಕರಿಗೆ ನೀರನ್ನು ಪೂರೈಸತಕ್ಕದ್ದು.
- 7) ಸದರಿ ಯೋಜನೆಯಡಿ ಕಾಮಗಾರಿಯ ಯೋಜನೆಯ ಹೆಸರು ಹಾಗೂ ಸ್ವೀಮ ಐಡಿ ಸಂಖ್ಯೆ ಕಡ್ಡಾಯವಾಗಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸುವುದು ಹಾಗೂ ಇವುಗಳು ಅನುಮೋದಿತ ನಾಮದೇಯದಂತೆಯೇ ಇರತಕ್ಕದ್ದು.
- 8) ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಪೂರ್ವದಲ್ಲಿ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ ಸೂಕ್ತವಾಗಿ ನಕ್ಷೆ ಮತ್ತು ವಿವರವಾದ ವಿನ್ಯಾಸವನ್ನು ಸಲ್ಲಿಸಿ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಳ್ಳುವುದು. ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಯಾವುದೇ ಬದಲಾವಣೆ ಇದ್ದಲ್ಲಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಮುನ್ನಹೆ ಪಡೆಯಬೇಕು.
- 9) ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸಿದ ಎಲ್ಲಾ ಕಾಂಕ್ರೀಟ್ ಹಾಗೂ ಕಲ್ಲು ಕಟ್ಟಡಗಳ ಎಲ್ಲಾ ಭಾಗಗಳಿಗೂ ವಿನ್ಯಾಸ ಮತ್ತು ನಕ್ಷೆಯನ್ನು (Structural Design & Drawing) ಮತ್ತು ಅಲ್ಲಿರತಕ್ಕ ಮಣ್ಣಿನ ಕ್ಷೇಮಧಾರಣ ಸಾಮರ್ಥ್ಯ ಹಾಗೂ ಇತರೇ ಇಂಜಿನಿಯರಿಂಗ್ ಗುಣಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ವಿನ್ಯಾಸಗಳ ಅನುಮೋದನೆಯನ್ನು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಪಡೆದು ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸಲಾಗುವುದು.
- 10) ಕಬ್ಬಿಣದ ಸರಳುಗಳನ್ನು ಅಳವಡಿಸುವಾಗ ಸೂಕ್ತವಾದ ಲ್ಯಾಪ್‌ಗಳು ಹಾಗೂ ಜಾಯಿಂಟ್‌ಗಳು ಇವುಗಳನ್ನು ಬೇಸಿಗೆ ಹಾಕಿ ಇಡೀ ಸ್ಟ್ರಕ್ಚರ್ ಒಂದೇ ಕಟ್ಟಡವಾಗುವಂತೆ (ಮೋನೊಲಿಥಿಕ್) ಮಾಡಬೇಕು ಸೂಕ್ತವಾದ ಕಬ್ಬಿಣದ ಆಯ್ಕೆ ಬಾರಗಳನ್ನು ಭಾರತೀಯ ಮಾನಕ ಸ್ಪೆಸಿಫಿಕೇಶನ್‌ಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಅಳವಡಿಸತಕ್ಕದ್ದು.
- 11) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂ: ಓಡಬ್ಬೆಡಿ:154ಎಫ್:111:2001 ದಿನಾಂಕ: 24.01.2001 ರಲ್ಲಿ ನಿರ್ದರಿಸಿರುವ ಪಾರದರ್ಶಕ ನಿರ್ಮಾಪನೆಯನ್ನು ಪೂರ್ತಿಯಾಗಿ ಅಳವಡಿಸುವುದು.
- 12) ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ಇಡಗಂಟು ತೋರಿದ ಐಟಂಗಳಿಗೆ ವಿವರ ಉಪ ಅಂದಾಜು ಸಲ್ಲಿಸಿ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆದುಕೊಳ್ಳಬೇಕು.
- 13) ಕೆಲಸಕ್ಕೆ ಬೇಕಾದ ಸಾಮಗ್ರಿಗಳಾದ ಪಿ.ವಿಸ್ತಿ ವೈಪ್‌ಗಳು, ಪಂಪಿಂಗ್ ಮಶಿನ್‌ರಿ, ಸಿಮೆಂಟ್, ಉಕ್ಕು ಇತ್ಯಾದಿಗಳನ್ನು ಸರಕಾರದ ಸುತ್ತೋಲೆ ಆದೇಶ ಸಂಖ್ಯೆ: ಗ್ರಾ.ನೀ.ಸ/39/ಗ್ರಾ.ನೀ.ಸ(4)/10/ಬೆಂಗಳೂರು ದಿನಾಂಕ: 07.06.2010 ರಂತೆ ಗುಣಮಟ್ಟ ಪರೀಕ್ಷೆ ಮಾಡಿಸಿ ಉಪಯೋಗಿಸತಕ್ಕದ್ದು.

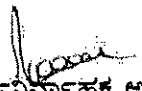
- 14) ಕಾಮಗಾರಿ ಪ್ರಾರಂಭಿಸಿದ ನಂತರ ಹಂತ ಹಂತವಾಗಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಪರಿವೀಕ್ಷಣೆ ಮಾಡಿಸಿಕೊಳ್ಳಬೇಕು ಹಾಗೂ ಪರಿವೀಕ್ಷಣಾ ಆದೇಶದಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು, ಎಲ್ಲಾ ಕಾಮಗಾರಿಗಳಿಗೆ ನಿಗದಿತ ಅನುದಾನ ಮತ್ತು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹೊಂದಿರುವುದನ್ನು ಪರಿಶೀಲಿಸಿ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.
- 15) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳ ವಿವರಗಳನ್ನು ಸಂಬಂಧಪಟ್ಟ ಗ್ರಾಮ ಪಂಚಾಯತಿಗಳ ಮಾಹಿತಿಗಾಗಿ ಕಳುಹಿಸುವುದು, ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಬಿಡುಗಡೆ ಮಾಡಲಾದ ಅನುದಾನವನ್ನು ಇತರೆ ಯಾವುದೇ ಗ್ರಾಮೀಣ ನೀರು ಸರಬರಾಜು ಯೋಜನೆಗಳಿಗೆ ಪುನರಾವರ್ತನೆಯಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- 16) ಎಲ್ಲಾ ಕಾಮಗಾರಿಗಳಿಗೆ ನಿಗದಿತ ಅನುದಾನ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ಹೊಂದಿರುವುದನ್ನು ಪರಿಶೀಲಿಸಿ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.
- 17) ಯೋಜನೆಯ ಕೆಲಸಗಳನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆಯ ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ ಮುನ್ನ ಜಲಮೂಲಕ್ಕಾಗಿ ಪರಿಗಣಿಸಿದ ನದಿ ನೀರಿನ ಜಲಮೂಲ MVS source ಕೊಳವೆ ಬಾವಿಯ/ತೆರೆದ ಬಾವಿಯ ನಮೂದಿತ ಇಳುವರಿಯನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ ವಿಜಯಪುರ ಭೂವಿಜ್ಞಾನಿಗಳಿಂದ ದೃಢಪಡಿಸಿಕೊಳ್ಳಬೇಕು ಹಾಗೂ ಈ ಕೊಳವೆ ಬಾವಿಯನ್ನು ನೀರನ್ನು ರಾಸಾಯನಿಕವಾಗಿ ಮತ್ತು ಅನಾರೋಗ್ಯ (ಬ್ಯಾಕ್ಟೀರಿಯಲ್) ಶಾಸ್ತ್ರದ ಪ್ರಕಾರ ವಿಶ್ಲೇಷಣೆ ಮಾಡಿಸಿ ಕುಡಿಯುವ ಯೋಗ್ಯ ಎಂಬುದನ್ನು ದೃಢಪಡಿಸಿಕೊಳ್ಳಬೇಕು ಮತ್ತು ಆ ವರದಿಯನ್ನು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
- 18) ಕಾಮಗಾರಿ ಕುರಿತಾಗಿ ಚಾಲ್ತಿ ಇರುವ ಸರ್ಕಾರದ ಆದೇಶ/ಸುತ್ತೋಲೆ/ಅಧಿಸೂಚನೆಗಳಲ್ಲಿಯ ಮಾರ್ಗಸೂಚಿಗಳನ್ವಯ ಕಡ್ಡಾಯವಾಗಿ ಪಾಲಿಸತಕ್ಕದ್ದು.
- 19) ಮೇಲೆ ನಮೂದಿಸಿದ ನಿಬಂಧನೆಗಳನ್ನು ಸಂಬಂಧಿಸಿದ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಪಾಲಿಸದೇ ಇದ್ದಲ್ಲಿ ತಮ್ಮನ್ನೇ ನೇರೆ ಜವಾಬ್ದಾರನ್ನಾಗಿ ಮಾಡಲಾಗುವುದು.
- 20) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳನ್ನು ಜಲ ಜೀವನ ಮಿಷನ್ (JIM) ಮಾರ್ಗಸೂಚಿಯಂತೆ m-RWS ತಂತ್ರಾಶದ ಮೂಲಕ "Geo tagging" (ಜಿಯೋ ಟ್ಯಾಗ್‌ಯಿಂಗ್) ಮಾಡಿ ಈ ಕಛೇರಿಗೆ ವರದಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- 21) IMIS ತಂತ್ರಾಶದಲ್ಲಿ ಅನಗತ್ಯನಕಲು/ಶಪ್ಪಾದ ಮಾಹಿತಿಯನ್ನು ಗುರುತಿಸಿ ಅವುಗಳನ್ನು ತೆಗೆದು ಹಾಕಲು ಕ್ರಮವಹಿಸುವುದು.
- 22) ಖರ್ಚು ಮಾಡಲಾದ ಪ್ರಗತಿ ಪತ್ರಿಕೆಯನ್ನು 3ನೇ ತಾರೀಖಿನೊಳಗಾಗಿ ಅಭಿವೃದ್ಧಿ/ತಾಂತ್ರಿಕ ಶಾಖೆಯ ಇ-ಮೇಲಿಗೆ eerdwsd.bjp@gmail.com ತಪ್ಪದೇ ಕಳುಹಿಸಲು ನಿರ್ದೇಶಿಸಿದೆ.


 ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
 ಗ್ರಾ.ಕು.ನೀ&ನೈ ವಿಭಾಗ ವಿಜಯಪುರ

ಸಂ:ಗ್ರಾ.ಕು.ನೀ&ನೈ/ವಿ/ವಿಜ/ಬಿಜಿಎಮ್/ಅ.ಪ/ತಾ.ಮಂ.2021-22/703

ದಿನಾಂಕ: 2-9-2021

- 1) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ ಬೆಳಗಾವಿ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಆದರಪೂರ್ವಕವಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- 2) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಆದರಪೂರ್ವಕವಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- 3) ಪ್ರತಿಯನ್ನು ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ಬ.ಬಾಗೇವಾಡಿ/ವಿಜಯಪುರ/ ಇಂಡಿ/ಮುದ್ದೇಬಿಹಾಳ ಮತ್ತು ಸಿಂದಗಿ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯೊಂದಿಗೆ ಕಳುಹಿಸಲಾಗಿದೆ.
- 4) ಪ್ರತಿಯನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ತಾಲೂಕು ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸಿರುವ ವಂತಿಕೆಗಳನ ತಕ್ಷಣ ಈ ಕಛೇರಿಗೆ ಭರಿಸಲು ಪಂಚಾಯತ್ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಗಳಿಗೆ ಸೂಕ್ತ ನಿರ್ದೇಶನ ನೀಡಲು ಕೋರಿದೆ ಹಾಗೂ ಅನುಷ್ಠಾನಗೊಳಿಸಿದ ನಂತರ ನಳ ಸಂಪರ್ಕ ಪಡೆದ ಫಲಾನುಭವಿಗಳ ಪಟ್ಟಿಯನ್ನು ಅವರ ಆಧಾರ ದಾಖಲೆ ನಕಲು ಪ್ರತಿಯೊಂದಿಗೆ IMIS ತಂತ್ರಾಶದಲ್ಲಿ ಇಂಧೀಕರಿಸಲು ಸಂಬಂಧಿಸಿದ ಪಿ.ಡಿ.ಓ.ಗಳಿಗೆ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರಿಗೆ ಸಲ್ಲಿಸಲು ನಿರ್ದೇಶನ ನೀಡುವಂತೆ ಕೋರಿದೆ.


 ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
 ಗ್ರಾ.ಕು.ನೀ&ನೈ ವಿಭಾಗ ವಿಜಯಪುರ

ಕಛೇರಿ ಟಿಪ್ಪಣಿ

ವಿಷಯ: ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತತ್ಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಗ್ರಾಮಗಳ ಕಾಮಗಾರಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation

Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20

Dated: 19.06.2019.

2) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ. ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ : 180 ದಿನಾಂಕ: 31.08.2021

3) ಈ ಕಛೇರಿ ಪ. ಸಂ 555 ದಿನಾಂಕ: 30.07.2021

4) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ.&ಸೈ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆ ದಿನಾಂಕ: 16.08.2021

5) ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿ. ಪಂ ವಿಜಯಪುರ ಇವರ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಆದೇಶ ದಿನಾಂಕ : 03.09.2021

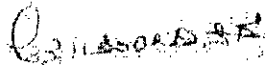
ಸನ್ 2020-21ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM 2215) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತತ್ಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗೆ ಉಲ್ಲೇಖ (2)ರಡಿ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಆದಕನುಗುಣವಾಗಿ ಉಲ್ಲೇಖ (5) ರಲ್ಲಿ ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಯಪುರ ಇವರು ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಉಲ್ಲೇಖ (1) ರ ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿ ತಿಳಿಸಿದಂತೆ ರೂ. 10.00 ಲಕ್ಷ ಮೇಲ್ಪಟ್ಟ ಹಾಗೂ ರೂ. 100.00 ಲಕ್ಷದವರೆಗಿನ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ವಿಕೇಂದ್ರೀಕರಣ ಪ್ರತ್ಯಾಯೋಜನೆ ಅಧಿಕಾರದನ್ವಯ ವಿಭಾಗ ಕಛೇರಿಗೆ ಇರುತ್ತದೆ. ಉಲ್ಲೇಖ (4)ರನ್ವಯ ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆಯಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ.

ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ. ಆದುದರಿಂದ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಬೇಕಾಗಿರುತ್ತದೆ.

Sl No	Habitations	Name of Work	Tender Called FHTC	Cost of Part- A: Augmentation (Rising main & New OHT/Repair of OHT)	Cost of Part- B (Distribution System & FHTCs etc)	Other cost (TPI charges & Consultancy charges etc..)	Estimate Cost	Cost per FHTC of Part A	Cost per FHTC of Part B
1	2	3	4	5	6	7	8	9	10
1	KENGALAGUTTI	Providing Functional Household Tap Connections To 627 Households in KENGALAGUTTI Habitation of KENGALAGUTTI Village, Vijayapur Taluka in Vijayapur District Through MAMADAPUR & Other 30 Villages in Vijayapur District (55 LPCD)	627	1792000.00	7194000.00	1009000.00	9995000.00	2858	11474


 ವಿಷಯ ನಿರ್ವಾಹಕ

(2) ಮಾನ್ಯ ಕಾನಿ ಅಭಿಯಂತರರು,


 3/9/21



ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು

ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಹಾಗೂ ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ

ಜಿಲ್ಲಾ ಪಂಚಾಯತ ವಿಜಯಪುರ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಕಛೇರಿಯ ಸಡುವಳಿಗಳು

ವಿಷಯ: ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಗ್ರಾಮಗಳ ಕಾಮಗಾರಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಕುರಿತು.

ಉಲ್ಲೇಖ: 1) Deputy Secretary to Govt. (Admn) Rural Drinking water & Sanitation Department, Bangalore Govt order No: RDP/RDW&S/192/2019-20 Dated: 19.06.2019.

2) ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾ.ಕು.ನೀ.&ನೈ. ಉಪ-ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂಖ್ಯೆ : 180 ದಿನಾಂಕ: 31.08.2021

3) ಈ ಕಛೇರಿ ಪ. ಸಂ 555 ದಿನಾಂಕ: 30.07.2021

4) ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾ.ಕು.ನೀ.&ನೈ. ಇಲಾಖೆ, ಬೆಂಗಳೂರು ಇವರು ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆ ದಿನಾಂಕ: 16.08.2021

5) ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿ. ಪಂ ವಿಜಯಪುರ ಇವರ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಆದೇಶ ದಿನಾಂಕ : 03.09.2021

Head of Account: Jal Jeevan Mission (JJM) - 2215

ಪ್ರಸ್ತಾವನೆ

ಸನ್ 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM 2215) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗೆ ಉಲ್ಲೇಖ (2)ರಡಿ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರು ತಯಾರಿಸಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಈ ಕೆಳಗಿನಂತೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ. ಅದಕ್ಕನುಗುಣವಾಗಿ ಉಲ್ಲೇಖ (5) ರಲ್ಲಿ ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಯಪುರ ಇವರು ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳನ್ನು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಉಲ್ಲೇಖ (1) ರ ಸರ್ಕಾರದ ಆದೇಶದಲ್ಲಿ ತಿಳಿಸಿದಂತೆ ರೂ. 10.00 ಲಕ್ಷ ಮೇಲ್ಪಟ್ಟ ಹಾಗೂ ರೂ. 100.00 ಲಕ್ಷದವರೆಗಿನ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಿಗೆ ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ನೀಡುವ ಅಧಿಕಾರ ವಿಕೇಂದ್ರೀಕರಣ ಪ್ರತ್ಯಾಯೋಜನೆ ಅಧಿಕಾರದನ್ವಯ ವಿಭಾಗ ಕಛೇರಿಗೆ ಇರುತ್ತದೆ. ಉಲ್ಲೇಖ (4)ರನ್ವಯ ಕ್ರಿಯಾ ಯೋಜನೆ ಅನುಮೋದನೆಯಾಗಿರುತ್ತದೆ. ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯು ಈ ಕಛೇರಿ ಉಲ್ಲೇಖಿತ ಪತ್ರ(3)ರನ್ವಯ ತಯಾರಿಸಲಾಗಿದೆ.

ಆದುದರಿಂದ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಕುರಿತು ಈ ಕೆಳಗಿನಂತೆ ಆದೇಶ ನೀಡಲಾಗಿದೆ.

ಆದೇಶ

ಮೇಲ್ಕಂಡ ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿಯ ಅಂಶಗಳನ್ನು ಕೂಲಂಕುಶವಾಗಿ ಪರಿಶೀಲಿಸಿ ವಿಜಯಪುರ ಜಿಲ್ಲೆಯಲ್ಲಿ ಬರುವ ಗ್ರಾಮಗಳಿಗೆ ಮೂಲಸೌಕರ್ಯ ಹಾಗೂ ಕಾರ್ಯತ್ಮಕ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವ ಕಾಮಗಾರಿಗಳ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ಈ ಕೆಳಗಿನಂತೆ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯಡಿ ವಿಭಾಗ ಕಛೇರಿ ನೋಂದಣಿ ನಿಬಂಧನೆಗಳಿಗೆ ಒಳಪಟ್ಟು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿಯನ್ನು ನೀಡಲಾಗಿದೆ.

Sl No	Habitations	Name of Work	Tender Called FHTC	Cost of Part-A Augmentation (Rising main & New OHT/Repair of OHT)	Cost of Part-B (Distribution System APHTCS etc)	Other cost (TPI charges & Consultancy charges etc.)	Estimate Cost	Cost per FHTC of Part A	Cost per FHTC of Part B
1	2	3	4	5	6	7	8	9	10
1	KENGALAGUTTI	Providing Functional Household Tap Connections To 627 Households in KENGALAGUTTI Habitation of KENGALAGUTTI Villages, Vijayapur Taluka in Vijayapur District Through MAMADAPUR & Other 30 Villages in Vijayapur District (55 LPCD)	627	1792000.00	7194000.00	1009000.00	9995000.00	2858	11474

Provision Made in JJM 2215 AAP 2021-22	Estimate sanctioned Number.
Rs. 72.60 lacs	66 /03.09.2021

ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿ

- ಮನೆಗಳಿಗೆ ನಳ ಸಂಪರ್ಕ ಒದಗಿಸಿರುವ ಬಗ್ಗೆ ದಿನ ನಿತ್ಯ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಹಾಗೂ ಭೌತಿಕ ಹಾಗೂ ಆರ್ಥಿಕ ಪ್ರಗತಿಗಳನ್ನು ಆಗಿಂದಾಗ್ಗೆ ಇಂಧೀಕರಿಸಲು ಸೂಚಿಸಿದೆ.
- ಮುಂಗಾರಿನ ಪೂರ್ವ ಮತ್ತು ಮುಂಗಾರಿನ ನಂತರ ಜಲ ಮೂಲಗಳ ಗುಣಮಟ್ಟ ಪರಿಶೀಲಿಸಿ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಕ್ರಮ ವಹಿಸುವುದು.
- ಕಾಮಗಾರಿಯ ಅನುಷ್ಠಾನದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಮಾಡಬೇಕಾದಲ್ಲಿ ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳ ಒಪ್ಪಿಗೆ ಪಡೆಯತಕ್ಕದ್ದು.
- ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ಇಲಾಖಾ ಸಂಹಿತೆ ಸೂಚಿತ ಎಲ್ಲಾ ಪ್ರಮಾಣ ಪತ್ರಗಳನ್ನು ಲಗತ್ತಿಸಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- ಸದರಿ ಯೋಜನೆಯಡಿ ಅನುಮೋದನೆಗೊಂಡ ಕಾಮಗಾರಿಗಳು ಇಲಾಖೆಯ ಅಥವಾ ಬೇರೆ ಇಲಾಖೆಯ ಯಾವುದೇ ಕಾಮಗಾರಿ ಕೈಗೊಂಡಲ್ಲಿ ಸಂಬಂಧಿಸಿದ ಅಧಿಕಾರಿಗಳು ಹೊಣೆಗಾರರು.
- ಈ ಕಾಮಗಾರಿಯನ್ನು ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಮಾರ್ಗ ಸೂಚಿಯಂತೆ ನಿಗದಿತ ಸಮಯದಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಿ ಸಾರ್ವಜನಿಕರಿಗೆ ನೀರನ್ನು ಪೂರೈಸತಕ್ಕದ್ದು.
- ಸದರಿ ಯೋಜನೆಯಡಿ ಕಾಮಗಾರಿಯ ಯೋಜನೆಯ ಹೆಸರು ಹಾಗೂ ಸ್ತೀಮ ಐಡಿ ಸಂಖ್ಯೆ ಕಡ್ಡಾಯವಾಗಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸುವುದು ಹಾಗೂ ಇವುಗಳು ಅನುಮೋದಿತ ನಾಮದೇಯದಂತೆಯೇ ಇರತಕ್ಕದ್ದು.
- ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಪೂರ್ವದಲ್ಲಿ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ ಸೂಕ್ತವಾಗಿ ನಕ್ಷೆ ಮತ್ತು ವಿವರವಾದ ವಿನ್ಯಾಸವನ್ನು ಸಲ್ಲಿಸಿ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಳ್ಳುವುದು. ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಯಾವುದೇ ಬದಲಾವಣೆ ಇದ್ದಲ್ಲಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಮುನ್ನಣೆ ಪಡೆಯಬೇಕು.
- ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸಿದ ಎಲ್ಲಾ ಕಾಂಕ್ರೀಟ್ ಹಾಗೂ ಕಲ್ಲು ಕಟ್ಟಡಗಳ ಎಲ್ಲಾ ಭಾಗಗಳಿಗೂ ವಿನ್ಯಾಸ ಮತ್ತು ನಕ್ಷೆಯನ್ನು (Structural Design & Drawing) ಮತ್ತು ಅಲ್ಲಿರತಕ್ಕ ಮಣ್ಣಿನ ಕ್ಷೇಮಧಾರಣಾ ಸಾಮರ್ಥ್ಯ ಹಾಗೂ ಇತರೇ ಇಂಜಿನಿಯರಿಂಗ್ ಗುಣಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ವಿನ್ಯಾಸಗಳ ಅನುಮೋದನೆಯನ್ನು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಪಡೆದು ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸಲಾಗುವುದು.
- ಕಟ್ಟಣದ ಸರಳುಗಳನ್ನು ಅಳವಡಿಸುವಾಗ ಸೂಕ್ತವಾದ ಲ್ಯಾಪಗಳು ಹಾಗೂ ಜಾಯಿಂಟ್‌ಗಳು ಇವುಗಳನ್ನು ಬೇಸಿಗೆ ಹಾಕಿ ಇಡೀ ಸ್ತಂಭ ಒಂದೇ ಕಟ್ಟಡವಾಗುವಂತೆ (ಮೋನೊಲಿಥಿಕ್) ಮಾಡಬೇಕು ಸೂಕ್ತವಾದ ಕಟ್ಟಣದ ಆಂಕರ್ ಬಾರಗಳನ್ನು ಭಾರತೀಯ ಮಾನಕ ಸ್ಪೆಸಿಫಿಕೇಶನ್‌ಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಅಳವಡಿಸತಕ್ಕದ್ದು.
- ಸರ್ಕಾರಿ ಆದೇಶ ಸಂ: ಪಿಡಬ್ಲ್ಯುಡಿ:154ಎಫ್:111:2001 ದಿನಾಂಕ: 24.01.2001 ರಲ್ಲಿ ನಿರ್ಧರಿಸಿರುವ ಪ್ರಾರಂಭಿಕ ನಿಯಮಾವಳಿಯನ್ನು ಪೂರ್ತಿಯಾಗಿ ಅಳವಡಿಸುವುದು.
- ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ಇಡಗಂಟು ತೋರಿದ ಐಟಂಗಳಿಗೆ ವಿವರ ಉಪ ಅಂದಾಜು ಸಲ್ಲಿಸಿ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆದುಕೊಳ್ಳಬೇಕು.
- ಕೆಲಸಕ್ಕೆ ಬೇಕಾದ ಸಾಮಗ್ರಿಗಳಾದ ಪಿ.ವಿ.ಪಿ ಪೈಪ್‌ಗಳು, ಪಂಪಿಂಗ್ ಮಶಿನ್, ಸಿಮೆಂಟ್, ಉಕ್ಕು ಇತ್ಯಾದಿಗಳನ್ನು ಸರಕಾರದ ಸುತ್ತೋಲೆ ಆದೇಶ ಸಂಖ್ಯೆ: ಗ್ರಾನೀ.ಸ/39/ಗ್ರಾನೀಸ(4)/10/ಬೆಂಗಳೂರು ದಿನಾಂಕ: 07.06.2010 ರಂತೆ ಗುಣಮಟ್ಟ ಪರೀಕ್ಷೆ ಮಾಡಿಸಿ ಉಪಯೋಗಿಸತಕ್ಕದ್ದು.

- 14) ಕಾಮಗಾರಿ ಪ್ರಾರಂಭಿಸಿದ ನಂತರ ಹಂತ ಹಂತವಾಗಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಪರಿವೀಕ್ಷಣೆ ಮಾಡಿಸಿಕೊಳ್ಳಬೇಕು ಹಾಗೂ ಪರಿವೀಕ್ಷಣಾ ಆದೇಶದಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು, ಎಲ್ಲಾ ಕಾಮಗಾರಿಗಳಿಗೆ ನಿಗದಿತ ಅನುದಾನ ಮತ್ತು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹೊಂದಿರುವುದನ್ನು ಪರಿಶೀಲಿಸಿ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.
- 15) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳ ವಿವರಗಳನ್ನು ಸಂಬಂಧಪಟ್ಟ ಗ್ರಾಮ ಪಂಚಾಯತಿಗಳ ಮಾಹಿತಿಗಾಗಿ ಕಳುಹಿಸುವುದು, ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಬಿಡುಗಡೆ ಮಾಡಲಾದ ಅನುದಾನವನ್ನು ಇತರ ಯಾವುದೇ ಗ್ರಾಮೀಣ ನೀರು ಸರಬರಾಜು ಯೋಜನೆಗಳಿಗೆ ಪುನರಾವರ್ತನೆಯಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- 16) ಎಲ್ಲಾ ಕಾಮಗಾರಿಗಳಿಗೆ ನಿಗದಿತ ಅನುದಾನ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಅನುಮೋದನೆ ಹೊಂದಿರುವುದನ್ನು ಪರಿಶೀಲಿಸಿ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.
- 17) ಯೋಜನೆಯ ಕೆಲಸಗಳನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆಯ ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ ಮುನ್ನ ಜಲಮೂಲಕ್ಕಾಗಿ ಪರಿಗಣಿಸಿದ ನದಿ ನೀರಿನ ಜಲಮೂಲ MVS source ಕೊಳವೆ ಬಾವಿಯ/ತೆರೆದ ಬಾವಿಯ ನಮೂದಿತ ಇಳುವರಿಯನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ ವಿಜಯಪುರ ಧೂವಿಜ್ಞಾನಿಗಳಿಂದ ದೃಢಪಡಿಸಿಕೊಳ್ಳಬೇಕು ಹಾಗೂ ಈ ಕೊಳವೆ ಬಾವಿಯನ್ನು ನೀರನ್ನು ರಾಸಾಯನಿಕವಾಗಿ ಮತ್ತು ಅನಾರೋಗ್ಯ (ಬ್ಯಾಕ್ಟೀರಿಯಲ್) ಶಾಸ್ತ್ರದ ಪ್ರಕಾರ ವಿಶ್ಲೇಷಣೆ ಮಾಡಿಸಿ ಕುಡಿಯುವ ಯೋಗ್ಯ ಎಂಬುದನ್ನು ದೃಢಪಡಿಸಿಕೊಳ್ಳಬೇಕು ಮತ್ತು ಆ ವರದಿಯನ್ನು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
- 18) ಕಾಮಗಾರಿ ಕುರಿತಾಗಿ ಚಾಲ್ತಿ ಇರುವ ಸರ್ಕಾರದ ಆದೇಶ/ಸುತ್ತೋಲೆ/ಅಧಿಸೂಚನೆಗಳಲ್ಲಿಯ ಮಾರ್ಗಸೂಚಿಗಳನ್ವಯ ಕಡ್ಡಾಯವಾಗಿ ಪಾಲಿಸತಕ್ಕದ್ದು.
- 19) ಮೇಲೆ ನಮೂದಿಸಿದ ನಿಬಂಧನೆಗಳನ್ನು ಸಂಬಂಧಿಸಿದ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಪಾಲಿಸದೇ ಇದ್ದಲ್ಲಿ ತಮ್ಮನ್ನೇ ನೇರ ಜವಾಬ್ದಾರರನ್ನಾಗಿ ಮಾಡಲಾಗುವುದು.
- 20) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳನ್ನು ಜಲ ಜೀವನ ಮಿಷನ್ (JJM) ಮಾರ್ಗಸೂಚಿಯಂತೆ m-RWS ತಂತ್ರಾಂಶದ ಮೂಲಕ "Geo tagging" (ಜಿಯೋ ಟ್ಯಾಗ್ಗಿಂಗ್) ಮಾಡಿ ಈ ಕಛೇರಿಗೆ ವರದಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- 21) IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ಅನಗತ್ಯ/ನಕಲು/ತಪ್ಪಾದ ಮಾಹಿತಿಯನ್ನು ಗುರುತಿಸಿ ಅವುಗಳನ್ನು ತೆಗೆದು ಹಾಕಲು ಕ್ರಮವಹಿಸುವುದು.
- 22) ಖರ್ಚು ಮಾಡಲಾದ ಪ್ರಗತಿ ಪತ್ರಿಕೆಯನ್ನು 3ನೇ ತಾರೀಖಿನೊಳಗಾಗಿ ಅಭಿವೃದ್ಧಿ/ತಾಂತ್ರಿಕ ಶಾಖೆಯ ಇ-ಮೇಲಿಗೆ eerdwsd.bjp@gmail.com ತಪ್ಪದೇ ಕಳುಹಿಸಲು ನಿರ್ದೇಶಿಸಿದೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
ಗ್ರಾ.ಕು.ನೀ.&ನೈ ವಿಭಾಗ ವಿಜಯಪುರ

ದಿನಾಂಕ: 3-9-2024

ಸಂ:ಗ್ರಾ.ಕು.ನೀ.&ನೈ/ವಿ/ವಜ/ಜಿಜಿಎಮ್/ಅ.ಪ/ತಾ.ಮಂ.2021-22/702

- 1) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ ಬೆಳಗಾವಿ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಆದರಪೂರ್ವಕವಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- 2) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಆದರಪೂರ್ವಕವಾಗಿ ಸಲ್ಲಿಸಿದೆ.
- 3) ಪ್ರತಿಯನ್ನು ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ಬ.ಬಾಗೇವಾಡಿ/ವಿಜಯಪುರ/ ಇಂಡಿ/ಮುದ್ದೇಬಿಹಾಳ ಮತ್ತು ಸಿಂದಗಿ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯೊಂದಿಗೆ ಕಳುಹಿಸಲಾಗಿದೆ.
- 4) ಪ್ರತಿಯನ್ನು ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ತಾಲೂಕು ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸಿರುವ ವಂತಿಕೆಗಳನ ತಕ್ಷಣ ಈ ಕಛೇರಿಗೆ ಭರಿಸಲು ಪಂಚಾಯತ್ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಗಳಿಗೆ ಸೂಕ್ತ ನಿರ್ದೇಶನ ನೀಡಲು ಕೋರಿದೆ ಹಾಗೂ ಅನುಷ್ಠಾನಗೊಳಿಸಿದ ನಂತರ ನಳ ಸಂಪರ್ಕ ಪಡೆದ ಫಲಾನುಭವಿಗಳ ಪಟ್ಟಿಯನ್ನು ಅವರ ಆಧಾರ ದಾಖಲೆ ನಕಲು ಪ್ರತಿಯೊಂದಿಗೆ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ಇಂಧೀಕರಿಸಲು ಸಂಬಂಧಿಸಿದ ಪಿ.ಡಿ.ಓ.ಗಳಿಗೆ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರಿಗೆ ಸಲ್ಲಿಸಲು ನಿರ್ದೇಶನ ನೀಡುವಂತೆ ಕೋರಿದೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
ಗ್ರಾ.ಕು.ನೀ.&ನೈ ವಿಭಾಗ ವಿಜಯಪುರ

ಕೋಟೆ ಸರ್ಕಾರ

(ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ)

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಕೋಟೆ, ಕೊಪ್ಪಳ ಜಿಲ್ಲೆ.

ವಿಷಯ: Providing FHTC's to 730 Households in Shirabur habitation of Shirabur Village, Vijayapur taluk through Mamadapur and other 30 villages in Vijayapur taluka of [55 LPCD] ಕಾಮಗಾರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಬಗ್ಗೆ.

- 1) ಸರ್ಕಾರದ ಆದೇಶ ಸಂ: ಗ್ರಾಮೀಣ/ಸಂಸ್ಥಾಪನೆ/19/2019-20. ದಿನಾಂಕ: 03-08-2020.
- 2) ದಿನಾಂಕ: 03-08-2020. ಕಾರ್ಯದ ವಿವರ: 51550 ಸಂಖ್ಯೆ ಸರ್ಕಾರಿ ಅನುಮೋದನೆ ನೀಡಿದಂತೆ.
- 3) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು & ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಕೊಪ್ಪಳ ಜಿಲ್ಲೆ ಇವರ ಪತ್ರ ಸಂ: RDW&SD/25/CE/TECHNICAL/2020/801 ದಿನಾಂಕ: 14-09-2020.
- 4) ಈ ಕಚೇರಿ ಪತ್ರ ಸಂ: 1174 ದಿನಾಂಕ: 01-12-2021.
- 5) ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದ ಆದೇಶ ಪತ್ರದ ಸಂಖ್ಯೆ: ಜಪಂಅ/ಗ್ರಾಕೋ/ಎ/ಎನಿಡಿ- /2021-22/ ದಿನಾಂಕ: 03-12-2021.
- 6) ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು & ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರ ಪತ್ರ ಸಂ: 1424 ದಿನಾಂಕ: 21-12-2021.

(ಈ ಕಚೇರಿ ಸಂಖ್ಯೆ: 1174/2021)

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2021-22ನೇ ಸಾಲಿನ JJM ಯೋಜನೆಯಡಿ Providing FHTC's to 730 Households in Shirabur habitation of Shirabur village, Vijayapur taluk through Mamadapur and other 30 villages in Vijayapur taluka of [55 LPCD] ಕಾಮಗಾರಿಯ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಬಗ್ಗೆ. ವಿಜಯಪುರ ಇಲಾಖೆಯ ಉಲ್ಲೇಖಿತ (5)ರವಿ ರೂ.132.00 ಲಕ್ಷಗಳ ಅಂದಾಜು ಮೊತ್ತಕ್ಕೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಲಾಗಿದೆ. ಸದರಿ ಕಾಮಗಾರಿಯ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ.132,00 ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಿ ಉಲ್ಲೇಖಿತ (6)ರವಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರಿಂದ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ಕೋರಿ ಈ ಕಚೇರಿಗೆ ಸಲ್ಲಿಸಲಾಗಿದೆ.

ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು 2019-20ನೇ ಸಾಲಿನ ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು & ನೈರ್ಮಲ್ಯ ವೃತ್ತ, ಬೆಳಗಾವಿಯ ಧರಪಟ್ಟಿ, 2018-19ನೇ ಸಾಲಿನ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ, ಪಂಚಾಯತ ರಾಜ್ ಇಂಜಿನಿಯರಿಂಗ್ ವೃತ್ತ, ಬೆಳಗಾವಿ, KUWS&DB ಧರಪಟ್ಟಿಗಳ ಹಾಗೂ ಉಲ್ಲೇಖಿತ (4)ರಂತೆ ಸಿಮೆಂಟ್ ಮತ್ತು ಸ್ಟೀಲ್ ಸಾಮಗ್ರಿಗಳ ಐಟಂಗಳ ಪರಿಷ್ಕೃತ ದರಗಳ ಪ್ರಕಾರ ತಯಾರಿಸಲಾಗಿದೆ.

ಉಲ್ಲೇಖಿತ (1)ರ ಸರ್ಕಾರಿ ಸುತ್ತೋಲೆಯಲ್ಲಿ ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಅಧಿಕಾರ ಈ ಕಚೇರಿಗೆ ಇರುತ್ತದೆ. ಅದರಂತೆ ಈ ಆದೇಶ ನೀಡಲಾಗಿದೆ.

ಇ: ಆದೇಶ:

ಮೇಲೆ ವಿವರಿಸಿದ ಸಂದರ್ಭದಲ್ಲಿ 2021-22ನೇ ಸಾಲಿನ JJM ಯೋಜನೆಯಡಿ Providing FHTC's to 730 Households in Shirabur habitation of Shirabur village, Vijayapur taluk through Mamadapur and other 30 villages in Vijayapur taluka of [55 LPCD] ಕಾಮಗಾರಿಯ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ರೂ.132.00 ಲಕ್ಷಗಳಿಗೆ (ರೂ.132,000 ಕೋಟಿ ಮೂವತ್ತೆರಡು ಲಕ್ಷ ಮಾತ್ರ) ಉಲ್ಲೇಖಿತ (4)ರಲ್ಲಿನ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಆದೇಶ ಹಾಗೂ ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿಯಲ್ಲಿ ನಮೂದಿಸಿದ ವಿವರಗಳಿಗೆ ಒಳಪಟ್ಟು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲಾಗಿದೆ. ಈ ಕಾಮಗಾರಿಯ ವೆಚ್ಚವನ್ನು 2021-22ನೇ ಸಾಲಿನ ಜಲ ಜೀವನ್ ಮಿಷನ್ (JJM) ಯೋಜನೆಯ ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ ಅಡಿಯಲ್ಲಿ ಭರಿಸಬಹುದಾಗಿದೆ ಹಾಗೂ ವೃತ್ತ ಕಚೇರಿ ಮಂಜೂರಾತಿ ಕೋರಬೇಕೆಂದು ಸಂಖ್ಯೆ: 1174/2021 ರಲ್ಲಿ ನಮೂದಿಸಲಾಗಿದೆ.

ಸಹಿ:-

(ಸಿ.ನ.ವಾಸುದೇವನ್)

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು,

ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ, ಬೆಳಗಾವಿ

- 1) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಆಯುಕ್ತರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಕಾವೇರಿ ಭವನ ಬೆಂಗಳೂರು ಇವರಿಗೆ ಆದರಪೂರ್ವಕ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.
- 2) ಪ್ರತಿಯನ್ನು ಮಾನ್ಯ ಮುಖ್ಯ ಇಂಜಿನಿಯರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆ, ಕಾವೇರಿ ಭವನ ಬೆಂಗಳೂರು ಇವರಿಗೆ ಆದರಪೂರ್ವಕ ಮಾಹಿತಿಗಾಗಿ ಸಲ್ಲಿಸಲಾಗಿದೆ.
- 3) ಪ್ರತಿಯನ್ನು ಅಕೌಂಟಂಟ್ ಜನರಲ್ ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು ಇವರ ಅವಗಾಹನೆಗೆ ಸಲ್ಲಿಸಿದೆ. ಈ ಯೋಜನೆಯು ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರಿಂದ ಕಾರ್ಯಗತಗೊಳಿಸಲ್ಪಡುವುದು.
- 4) ಪ್ರತಿಯನ್ನು ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳು, ಜಿಲ್ಲಾ ಪಂಚಾಯತ್, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ.
- 5) ಪ್ರತಿಯನ್ನು ಮಂಜೂರಾದ ಅಂದಾಜು ಪಟ್ಟಿ ಮತ್ತು ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿಯೊಂದಿಗೆ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗ, ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಕಳುಹಿಸಲಾಗಿದೆ. ಈ ಆದೇಶ ಪ್ರತಿ ಮತ್ತು ಲಗತ್ತು ತಲುಪಿದ ಕುರಿತು ಸ್ವೀಕೃತಿ ಸಲ್ಲಿಸುವುದು. ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸುವ ಪೂರ್ವದಲ್ಲಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಪರಿವೀಕ್ಷಣೆ ಮಾಡಿಸಿಕೊಳ್ಳುವುದು.
- 6) ಪ್ರತಿಯನ್ನು ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿಯೊಂದಿಗೆ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು, ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಉಪ-ವಿಭಾಗ ವಿಜಯಪುರ ಇವರಿಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಕಳುಹಿಸಿದೆ.



ಅಧೀಕರಣ ಅಭಿಯಂತರರು,

ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ ಬೆಳಗಾವಿ.

ತಾಂತ್ರಿಕ ಟಿಪ್ಪಣಿ

ವಿಷಯ: Providing FHTC's to 730 Households in Shirabur habitation of Shirabur Village, Vijayapur taluk through Mamadapur and other 30 villages in Vijayapur taluka of [55 LPCD] ಕಾಮಗಾರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡುವ ಕುರಿತು.

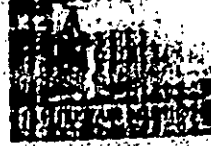
- 1) **Retrofitting** ಕಾಮಗಾರಿಗಳಿಗೆ ಪ್ರತಿ ಮನೆಗೆ ಅಂದಾಜು ಮೊತ್ತ ರೂ.15000/- ಮೀರದಂತೆ ಹಾಗೂ **Augmentation** ಕಾಮಗಾರಿಗಳಿಗೆ ಅವಶ್ಯಕತೆಗೆ ಅನುಗುಣವಾಗಿ Components ಗಳನ್ನು ಪರಿಗಣಿಸಲಾಗಿದೆಯೇ ಎಂಬುದನ್ನು ವಿಚಿತ್ರಪಡಿಸಿಕೊಂಡು ಕಾಮಗಾರಿಗಳನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಸೂಚಿಸಿದೆ.
- 2) ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆಯಲ್ಲಿರುವ ಷರತ್ತುಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಪಾಲಿಸತಕ್ಕದ್ದು.
- 3) ಮನೆಗಳಿಗೆ ನಳ ಸಂಪರ್ಕ ಒದಗಿಸಿರುವ ಬಗ್ಗೆ ದಿನ ನಿತ್ಯ IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಹಾಗೂ ಭೌತಿಕ ಹಾಗೂ ಆರ್ಥಿಕ ಪ್ರಗತಿಗಳನ್ನು ಆಗಿಂದಾಗ್ಗೆ ಇಂಧೀಕರಿಸಲು ಸೂಚಿಸಿದೆ.
- 4) ಮುಂಗಾರಿನ ಪೂರ್ವ ಮತ್ತು ಮಂಗಾರಿನ ನಂತರ ಜಲ ಮೂಲಗಳ ಗುಣಮಟ್ಟ ಪರಿಶೀಲಿಸಿ, IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ದಾಖಲಿಸಲು ಕ್ರಮ ವಹಿಸುವುದು.
- 5) ಕಾಮಗಾರಿಯ ಅನುಷ್ಠಾನದಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆ ಮಾಡಬೇಕಾದಲ್ಲಿ ನಿರೀಕ್ಷಿಸಬಹುದಾದ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆಯತಕ್ಕದ್ದು.
- 6) ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ಇಲಾಖಾ ಸಂಹಿತೆ ಸೂಚಿತ ಎಲ್ಲಾ ಪ್ರಮಾಣ ಪತ್ರಗಳನ್ನು ಲಗತ್ತಿಸಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- 7) ಸದರಿ ಯೋಜನೆಯಡಿ ಅನುಮೋದನೆಗೊಂಡ ಕಾಮಗಾರಿಗಳು ಇಲಾಖೆಯ ಅಥವಾ ಜೇರಿ ಇಲಾಖೆಯ ಯಾವುದೇ ಯೋಜನೆಯಡಿ ಸೇರ್ಪಡೆಯಾಗಿದ್ದಲ್ಲಿ ಅಂತಹ ಕಾಮಗಾರಿಗಳನ್ನು ಕೈಬಿಡಲು ಕ್ರಮ ಕೈ ಕೊಳ್ಳತಕ್ಕದ್ದು ಅಂತಹ ಯಾವುದೇ ಕಾಮಗಾರಿ ಕೈಗೆತ್ತಿಕೊಂಡಲ್ಲಿ ಸಂಬಂಧಿಸಿದ ಅಧಿಕಾರಿಗಳು ಹೊಣೆಗಾರರು.
- 8) ಈ ಕಾಮಗಾರಿಯನ್ನು ಜಲ ಜೇವನ್ ಮಿಷನ್ (JJM) ಮಾರ್ಗ ಸೂಚಿಯಂತೆ ನಿಗದಿತ ಸಮಯದಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಿ ಸಾರ್ವಜನಿಕರಿಗೆ ನೀರನ್ನು ಪೂರೈಸತಕ್ಕದ್ದು.
- 9) ಸದರಿ ಯೋಜನೆಯಡಿ ಕಾಮಗಾರಿಯ ಯೋಜನೆಯ ಹೆಸರು ಹಾಗೂ ಪೀಪ್ ಐಡಿ ಸಂಖ್ಯೆ ಕಡ್ಡಾಯವಾಗಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸುವುದು. ಹಾಗೂ ಇವುಗಳು ಅನುಮೋದಿತ ನಾಮಧೇಯದಂತೆಯೇ ಇರತಕ್ಕದ್ದು.
- 10) ಕೊಳವೆ ಭಾವಿ ಆಗತ್ಯವಿದ್ದ ಕಡೆ ಮುಂಚಿತವಾಗಿ ಕೊರೆಯುವಿಕೆ (Deployment Order) ಆದೇಶ ಪಡೆದು ಅದರ ಪ್ರಕಾರ ಕೊಳವೆ ಭಾವಿ ಇಳುವರಿಯನ್ನು ಅನುಸರಿಸಿ ಅಂದಾಜು ಪತ್ರಿಕೆ ತಯಾರಿಸಿ ಮಂಜೂರಾತಿ ಪಡೆಯತಕ್ಕದ್ದು.
- 11) ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಪೂರ್ವದಲ್ಲಿ ಸ್ಥಳ ಪರಿಶೀಲನೆ ಮಾಡಿ ಸೂಕ್ತವಾಗಿ ನಕ್ಷೆ ಮತ್ತು ವಿವರವಾದ ವಿನ್ಯಾಸವನ್ನು ಸಲ್ಲಿಸಿ ಅನುಮೋದನೆಯನ್ನು ಪಡೆದುಕೊಳ್ಳುವುದು. ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಯಾವುದೇ ಬದಲಾವಣೆ ಇದ್ದಲ್ಲಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಮನ್ನಣೆ ಪಡೆಯಬೇಕು.
- 12) ಅಂದಾಜು ಪತ್ರಿಕೆಯಲ್ಲಿ ನಮೂದಿಸಿದ ಎಲ್ಲಾ ಕಾಂಕ್ರೀಟ್ ಹಾಗೂ ಕಲ್ಲು ಕಟ್ಟಡಗಳ ಎಲ್ಲಾ ಭಾಗಗಳಿಗೂ ವಿನ್ಯಾಸ & ನಕ್ಷೆಯನ್ನು (Structural Design & Drawing) ಮತ್ತು ಅಲ್ಲಿರತಕ್ಕ ಮಣ್ಣಿನ ಕ್ಷೇಮಧಾರಣಾ ಸಾಮರ್ಥ್ಯ ಹಾಗೂ ಇತರೇ ಇಂಜಿನಿಯರಿಂಗ್ ಗುಣಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ವಿನ್ಯಾಸಗಳ ಅನುಮೋದನೆಯನ್ನು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಪಡೆದು ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸುವುದು.
- 13) ತಳಪಾಯ ತೆಗೆಯುವ ಗುಂಡಿ ಇವುಗಳಿಗೆ ಮಣ್ಣಿನ ವರ್ಗೀಕರಣವನ್ನು ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆದುಕೊಳ್ಳುವುದು. ಪ್ರತಿಯೊಂದು ಘಟಕಕ್ಕೂ ನಿರ್ದರಿಸಿದ ದರ ಪಟ್ಟಿಯಲ್ಲಿರುವ ಸ್ವೀಕೃತವರ್ಗಗಳನ್ನು ಅನುಸರಿಸಿ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸುವುದು.
- 14) ಕಟ್ಟಡದ ಸರಳಗಳನ್ನು ಅಳವಡಿಸುವಾಗ ಸೂಕ್ತವಾದ ಲಾಫಾಗಳು ಹಾಗೂ ಜಾಯಿಂಟ್‌ಗಳು ಇವುಗಳನ್ನು ಬೆಸುಗೆ ಹಾಕಿ ಇಡೀ ಸ್ಟ್ರಕ್ಚರ್ ಒಂದೇ ಕಟ್ಟಡವಾಗುವಂತೆ (ಮೋನೊಲಿಥಿಕ್) ಮಾಡಬೇಕು. ಸೂಕ್ತವಾದ ಕಟ್ಟಡದ ಆಂಕರ್ ಬಾರಗಳನ್ನು ಭಾರತೀಯ ಮಾನಕ ಸ್ವೀಕೃತೀಕರಣಗಳಿಗೆ ಅನುಗುಣವಾಗಿ ಅಳವಡಿಸತಕ್ಕದ್ದು.
- 15) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂ:ಪಿಡಬ್ಲ್ಯೂಡಿ:154:ಎಫ್:111:2001 ದಿ:24.01.2001 ರಲ್ಲಿ ನಿರ್ದರಿಸಿರುವ (KTPP) ಪಾರದರ್ಶಕ ನಿರೀಕ್ಷಿಸುವಳಿಯನ್ನು ಪೂರ್ತಿಯಾಗಿ ಅಳವಡಿಸುವುದು.
- 16) ಅಂದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಇಡುಗಂಟು ತೋರಿದ ಐಟಂಗಳಿಗೆ ವಿವರ ಇಲ್ಲವೆ ಅಂದಾಜು ಸಲ್ಲಿಸಿ ಸಕ್ಷಮ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆದುಕೊಳ್ಳಬೇಕು.
- 17) ಕೆಲಸಕ್ಕೆ ಬೇಕಾದ ಸಾಮಗ್ರಿಗಳಾದ ಪಿಪ್ಪಿಸಿ ಪೈಪ್‌ಗಳು, ಪಂಪಿಂಗ್ ಮಶಿನ್‌ನಿ, ಟಿಮೆರಿಟಿ, ಟಿಪ್ಪು ಇತ್ಯಾದಿಗಳನ್ನು ಸರಕಾರದ ಸುತ್ತೋಲೆ ಆದೇಶ ಸಂಖ್ಯೆ: ಗ್ರಾ.ನೀ.ಸ/39/ಗ್ರಾ.ನೀ.ಸ(4)/10/ಬೆಂಗಳೂರು, ದಿನಾಂಕ:07-06-2010 ರಂತೆ ಗುಣಮಟ್ಟ ಸರೀಕ್ಷೆ ಮಾಡಿಸಿ ಉಪಯೋಗಿಸತಕ್ಕದ್ದು.
- 18) ಕಾಮಗಾರಿ ಪ್ರಾರಂಭಿಸಿದ ನಂತರ ಹಂತ ಹಂತವಾಗಿ ಸಕ್ಷಮ ಅಧಿಕಾರಿಗಳಿಂದ ಪರಿಶೀಲನೆ ಮಾಡಿಸಿಕೊಳ್ಳಬೇಕು ಹಾಗೂ ಪರಿಶೀಲನಾ ಆದೇಶದಂತೆ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳತಕ್ಕದ್ದು. ಇದ್ದು ಕಾಮಗಾರಿಗಳಿಗೆ ನಿಗದಿತ ಅನುಮಾನ ಮತ್ತು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಹೊಂದಿರುವುದನ್ನು ಪರಿಶೀಲಿಸಿ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.

- 19) ಸ್ಥಳಗಳನ್ನು, ದೂರಗಳನ್ನು, ಲೆವೆಲ್‌ಗಳನ್ನು ನಮೂದಿಸಿ, ಉಗ್ರದಳ ಚೌಕಕ್ಕೆ ಹಾಗೂ ಬರಹಬೆರೆ ಪುಸ್ತಕ ತೋರುವ ಪರಿಷದಿ ನಕ್ಷೆ ತಯಾರಿಸಿ ಲಗತ್ತಿಸುವುದು.
- 20) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳ ವಿವರವನ್ನು ಸಂಬಂಧಪಟ್ಟ ಗ್ರಾಮ ಪಂಚಾಯತ್‌ಗಳ ಮೂಲತೀರ್ಪು ಕಳುಹಿಸುವುದು. ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಜಿಲ್ಲೆಗಳ ಮಾಹಿಲಾಡ ಅನುಷ್ಠಾನವನ್ನು ನಿರಂತರ ಯಾವುದೇ ಗ್ರಾಮೀಣ ನೀರಿ ಸರಬರಾಜು ಯೋಜನೆಗಳಿಗೆ ಪುನರಾವರ್ತನೆಯಾಗದಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- 21) ಎಲ್ಲ ಕಾಮಗಾರಿಗಳ ನಿಗದಿತ ಅನ್ವಯಕ್ಕೆ ಆದೇಶಗಳನ್ನು ಕಡೆಗಡೆಗೆ ಪಾಲನೆ ಮಾಡುವಂತೆ ಸಂಬಂಧಪಟ್ಟ ಹೆಚ್‌ಇಂಜಿನಿಯರ್‌ಗಳಿಗೆ ಪರಿಶೀಲನೆ ಕಾಮಗಾರಿ ಕೈಗೊಳ್ಳುವುದು.
- 22) ಯೋಜನೆಯ ಕೆಲಸಗಳನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು & ಕೈಮಳಿ ಇಲಾಖೆಯ ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ ಮುನ್ನ ಜಲಮೂಲಕ್ಕಾಗಿ ಪರಿಗಣಿಸಿದ ಕೊಳವೆ ಬಾವಿಯ/ತೆರೆದ ಬಾವಿಯ ಉಪಯುಕ್ತತೆ ಮತ್ತು ಸುರಕ್ಷತೆಯನ್ನು ಗ್ರಾಮೀಣ ಕುಡಿಯುವ ನೀರು & ಕೈಮಳಿ ಇಲಾಖೆಯ ಭೂವಿಜ್ಞಾನಿಗಳಿಂದ ದೃಢೀಕರಿಸಿಕೊಳ್ಳಬೇಕು. ಹಾಗೂ ಈ ಕೊಳವೆ ಬಾವಿಯನ್ನು ನಿರಂತರ ರಾಸಾಯನಿಕವಾಗಿ ಮತ್ತು ಆನುದೋಗ (ಪ್ರಾಕ್ಟೀಸಿಯಲ್) ಶಾಸನ ಪ್ರಕಾರ ವಿಶ್ಲೇಷಣೆ ಮಾಡಿ ಕುಡಿಯಲು ಯೋಗ್ಯ ಒಳಿತುತನವನ್ನು ದೃಢೀಕರಿಸಿಕೊಳ್ಳಬೇಕು ಮತ್ತು ಆ ವರದಿಯನ್ನು ಈ ಕಚೇರಿಗೆ ಸಲ್ಲಿಸಬೇಕು.
- 23) ಕಾಮಗಾರಿ ಕುರಿತಾಗಿ ಜಾಲ್ಮಿ ಇರುವ ಸರ್ಕಾರದ ಆದೇಶ/ಸೂಚನೆ/ಆದಿಪದಗಳಲ್ಲಿಯೇ ಮೂಲಕ ಕಾರ್ಯಗಳನ್ನು ಕೈಗೊಳ್ಳುವಂತೆ ಪಾಲಿಸತಕ್ಕದ್ದು.
- 24) ಅನುಷ್ಠಾನಗೊಳಿಸಿರುವ ಕಾಮಗಾರಿಗಳನ್ನು ಜಲ ಜೀವನ್ ಮಿಷನ್ (JIM) ಮಾರ್ಗಸೂಚಿಯಂತೆ m-RWS ಮೊಟ್ಟಮೊದಲ ತಂತ್ರಾಂಶದ ಮೂಲಕ "Geo-tagging" (ಜಿಯೋ ಟ್ಯಾಗ್‌ಗಿಂಗ್) ಮಾಡಿ ಈ ಕಚೇರಿಗೆ ಪರದಿ ಸಲ್ಲಿಸತಕ್ಕದ್ದು.
- 25) IMIS ತಂತ್ರಾಂಶದಲ್ಲಿ ಅನಗತ್ಯ/ನಕಲು/ತಪ್ಪಾದ ಮಾಹಿತಿಯನ್ನು ಗುರುತಿಸಿ ಅವುಗಳನ್ನು ತೆಗೆದುಹಾಕಲು ಕ್ರಮವಹಿಸುವುದು.
- 26) ಮೇಲೆ ನಮೂದಿಸಿದ ನಿಬಂಧನೆಗಳನ್ನು ಸಂಬಂಧಿಸಿದ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು/ ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಪಾಲಿಸದೇ ಇದ್ದಲ್ಲಿ ತಮ್ಮನ್ನೇ ನೇರ ಜವಾಬ್ದಾರರನ್ನಾಗಿ ಮಾಡಲಾಗುವುದು.
- 27) ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು KTPP ನಿಯಮಾನುಸಾರ ಹಾಗೂ ಕಡ್ಡಾಯವಾಗಿ e-procurement ಮೂಲಕ ನಿರ್ವಹಿಸುವುದು.
- 28) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂ:ಡಿ.ಪಿ.ಎಲ್/22/ಶಾಸನ/2016, ಬೆಂಗಳೂರು ದಿ:17.07.2017 (ಕರ್ನಾಟಕ ವಿಶೇಷ ರಾಜ್ಯ ಪತ್ರ ದಿ:17.07.2017) ರಂತೆ ಕಾಮಗಾರಿಗಳಲ್ಲಿ ನಿಗದಿತ ಪ್ರಾತಿನಿಧ್ಯ ಸಿಗುವಂತೆ ನೋಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ತಪ್ಪಿದಲ್ಲಿ ಮುಂದಿನ ಅಗುಹೋಗುಗಳಿಗೆ ತಾವೇ ಜವಾಬ್ದಾರರಾಗುತ್ತೀರಿ.
- 29) 3ನೇ ವೃತ್ತಿಯಿಂದ ಕಾಮಗಾರಿಯನ್ನು ಪರಿಕ್ಷಿಸಿಕೊಂಡು ಪರದಿ ಪಡೆದುಕೊಂಡು ಕಾಮಗಾರಿಯ ಬಿಲ್ ಸಂದಾಯ ಮಾಡತಕ್ಕದ್ದು.
- 30) ಕಾಮಗಾರಿಯ ಅಂತಿಮ ಬಿಲ್ ಸಂದಾಯ ಮಾಡುವ ಮುನ್ನ ಯೋಜನೆಯ ಎಲ್ಲ ಗ್ರಾಮಗಳಿಗೆ ನಿಗದಿಪಡಿಸಲಾದ ಪರಿಮಾಣ ನೀರು ಪೂರೈಕೆಯಾಗುತ್ತಿರುವುದನ್ನು ಖಚಿತಪಡಿಸಿಕೊಂಡು ಅಂತಿಮ ಬಿಲ್ ಸಂದಾಯ ಮಾಡುವುದು.
- 31) ಕಾಮಗಾರಿಯನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಜಲಮೂಲಗಳ ಸ್ಥಿರತೆಯನ್ನು ಸರ್ಕಾರದ ಆದೇಶ ಸಂ:ಗ್ರಾ.ಆ.ಪ/27/ ಗ್ರಾಮೀಣ & ಕೈಮಳಿ /2018-19/1317 ದಿನಾಂಕ:07-12-2020 ರಂತೆ, Source finding committee ಮೂಲಕ ಪರಿಶೀಲಿಸಿಕೊಂಡ ನಂತರವೇ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೆತ್ತಿಕೊಳ್ಳಲು ಸೂಚಿಸಿದೆ. ಇಲ್ಲವಾದಲ್ಲಿ ಇದಕ್ಕೆ ನೀವೇ ಹೊಣೆಗಾರರಾಗುತ್ತೀರಿ.
- 32) ನಿಯಮಾನುಸಾರ ಸಮುದಾಯ ವಂತಿಗೆ ಹಾಗೂ 15ನೇ ಹಣಕಾಸಿನ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಅನುಷ್ಠಾನದಿಂದ ನಿಗದಿತ ಬೆಂಕಿ ಧರಿಸಲು ಗ್ರಾಮ ಪಂಚಾಯತಿ ವತಿಯಿಂದ ಒಪ್ಪಿಗೆಯ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ಪಡೆದು ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವುದು.
- 33) ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೆತ್ತಿಕೊಳ್ಳುವ ಮುನ್ನ ಶಳಪಾಯ ತೆಗೆಯುವ ಗುಂಡಿ ಇವುಗಳಿಗೆ ಮಣ್ಣಿನ ಎಕ್ಸ್‌ಪಲೋಷಿಯನ್ನು ಪರಿಶೀಲಿಸಿ ಈ ಕಚೇರಿಗೆ ಪರದಿ ಸಲ್ಲಿಸಿ ಇದರ ಅನುಸಾರ ಶಳಪಾಯದ ಆಳವನ್ನು ಪರಿಗಣಿಸುವುದು. ಒಂದು ಮೇಲೆ ಬದಲಾವಣೆಯಾಗುವ ಸಂದರ್ಭದಲ್ಲಿ ಪ್ರಾಧಿಕಾರದಿಂದ ಅನುಮೋದನೆ ಪಡೆದುಕೊಂಡು ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸುವುದು.
- 34) ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿಗಳಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಳವಡಿಸುವ ನಿಟ್ಟಿನಲ್ಲಿ ಕಾಮಗಾರಿಗಳನ್ನು ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಎಲ್ಲ ವಿವರಗಳನ್ನು ಸೂಚಿಸುವ ನಾಮಫಲಕವನ್ನು ಸದರಿ ಸ್ಥಳದಲ್ಲಿ ಹಾಕತಕ್ಕದ್ದು. ಸದರಿ ನಾಮಫಲಕದಲ್ಲಿ ಕಾಮಗಾರಿಯ ಅನುಮೋದಿತ ಮೊತ್ತ, ಗುತ್ತಿಗೆದಾರರ ಹೆಸರು, ಕಾಮಗಾರಿಯ ಪ್ರಾರಂಭದ ದಿನಾಂಕ, ಕಾಮಗಾರಿಯನ್ನು ಪೂರ್ಣಗೊಳಿಸಬೇಕಾದ ಅವಧಿ ಇತ್ಯಾದಿಗಳನ್ನು ಪ್ರದರ್ಶಿಸತಕ್ಕದ್ದು.
- 35) ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು 2021-22ನೇ ಸಾಲಿನ ತ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ಅಳವಡಿಸುವ ವರದಿಗಳನ್ನು ಅನುಮೋದನೆ ನೀಡಲಾಗಿದೆ. ತಪ್ಪಿದಲ್ಲಿ ಅನುಷ್ಠಾನಾಧಿಕಾರಿಗಳನ್ನೇ ಮುಂದಿನ ಅಗು ಹೊಣೆಗಾರಗಳಿಗೆ ನೇರ ಹೊಣೆಗಾರರನ್ನಾಗಿಸಲಾಗುವುದು.
- 36) ಪ್ರತಿ ಮನೆಗಳಿಗೆ ನಳ ಸಂಪರ್ಕ ಕಲ್ಪಿಸುವಾಗ ಭೂಮಿ ಮೇಲೆ ಬರುವ ಪ್ರೇಷಣೆಗಳನ್ನು ಸ್ಥಿರವಾಗಿ ಇರುವಂತೆ ಮಾಡಲು ಸ್ಥಳೀಯಗುಣವಾಗಿ ಸಮರ್ಪಕ ರೀತಿಯ Support system ಅಳವಡಿಸಲು ಕ್ರಮವಹಿಸುವುದು.
- 37) ಮಾನ್ಯ ಅಯುಕ್ತರು, ಬೆಂಗಳೂರು ಇವರ ಪತ್ರ ಸಂ:ಗ್ರಾ.ಕು.ನೀ.ಆ.ಸಿ.ಎಮ್/ಬಿ.ಎ.ಸಿ.ಎ/15/ಬೋಗೋ/2020-21 ದಿನಾಂಕ:17.05.2021ರಲ್ಲಿ ಸೂಚಿಸಿದಂತೆ ನಿಯಮಾನುಸಾರ ಜೋಡಣೆ ಪ್ರಾಕ್ಟೀಸಿಯಂಗ್ ಗಳನ್ನು ಪಾಲಿಸಿ ಮಾಡಲು ನಿರ್ದಿಷ್ಟ ಆರ್.ಸಿ.ಎಲ್.ನಲ್ಲಿನ ಇಡಗಂಟು ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿಸಲು ಅಗತ್ಯ ಕ್ರಮಕೈಗೊಳ್ಳುವುದು.
- 38) Velocity in pipelines should be maintained as per CPHEEO norms.



ಕರ್ನಾಟಕ ಸರ್ಕಾರ, ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ, ಪುಟ್ಟ ಬೆಳೆ ಇಲಾಖೆ, ಗಾಂಧಿನಗರ ಕಾರ್ಡಿನಾಟಿಂಗ್ ಓಫೀ ಮತ್ತು ನೈರ್ಮಲ್ಯ, ಪುಟ್ಟ ಬೆಳೆ ಇಲಾಖೆ.

GOVERNMENT OF KARNATAKA



RURAL DRINKING WATER & SANITATION DIVISION VIJAYAPUR

RURAL DRINKING WATER & SANITATION SUB-DIVISION VIJAYAPUR

DETAILED PROJECT REPORT

NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 608 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (55 LPCD)

ESTIMATED COST Rs:

94,25,000/-
10510000.00

HEAD OF ACCOUNT

: JAL JEEVAN MISSION GRANT 2021-22

NAME OF VILLAGE

: GUNADAL

NAME OF PANCHAYATH

: GUNADAL

NAME OF TALUKA

: VIJAYAPUR

NAME OF DISTRICT

: VIJAYAPUR

NIKETAN ENGINEERING & PROJECTS PVT. LTD.

(CORPORATE IDENTITY No. U45201 KA2006 PTC)

Head Office #583, 3rd Cross, 10th Main, Banashankari 1st stage, 2nd Block,

Bengaluru - 560 050.

Fax: 080-26671669

PWSS SCHEME PROJECT

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (56 LPCD)

Head of A/C: JAL JEEVAN MISSION GRANT 2021-22

APL No:

DIVISION VIJAYAPUR

Estimated Cost Rs.

10510000.00

SUB DIV VIJAYAPUR

94,25,000/-

NAME OF VILLAGE GUNADAL

NAME OF PANCHAYATH GUNADAL

House Holds

609

NAME OF TALUKA VIJAYAPUR

Vijayapur

NAME OF DISTRICT VIJAYAPUR

Vijayapur

Off.: Executive Engineer

R.D.W. & S Division Vijayapur

Assistant Executive Engineer

R.D.W. & S Sub Division Vijayapur

Name of Contract:

Estimated by : Sri.

Name of Cont :

Population as per	2021 Census :	3112
Name of Habitations and population:—		
1	GUNADAL	
2		
3		
TOTAL		3112
Prospective Population		4372

Daily requirement of water

284506 LPD


Executive Engineer,
R.D.W. & S. Dn., Vijayapur

NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (55 LPCD)

FACE SHEET

1 Name of Division : R.D.W & SANITATION DIVISION VIJAYAPUR
2 Name of Sub Division : R.D.W & SANITATION SUB DIVISION VIJAYAPUR
3 Major Head :
4 Departmental Head :
5 Service head : } JAL JEEVAN MISSION GRANT 2021-22
6 Fund Head :
7 Sub Head :

ESTIMATED COST: Rs. 94,25,000/-
1,05,10,000.00

Administrative Approval No & Date :
Technical Sanction No & Date :
Estimate Prepared by Shri :
Estimate Checked by Shri : Sri.


CERTIFICATE

The spot has been inspected by me and the Estimate is prepared using the sanction scheduled rates of PRED RWS SR 2019-2020 giving the most economical and safe way of executing the work.

GENERAL REPORT

The work PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (55 LPCD) is sanction under JAL JEEVAN MISSION GRANT 2021-22 and Rs. 10510000.00 has been provided as grant accordingly this estimate is prepared 94,25,000/-


Section Officer
R.D.W. & S Sub Division Vijayapur


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

ಸಾಮಾನ್ಯ ವರದಿ

ಇಂ ಜಿವನ ಮಿಷನ್ ರೆವಿನ್ಯೂ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕಿಸುವುದನ್ನು ಆಯೋಜಿಸಿರುವ ಕುರಿತು.

ಇಂ ಜಿವನ ಮಿಷನ್ ರೆವಿನ್ಯೂ ವಿಷಯವುರಬಿಟ್ಟು ಲಕ್ಷಗ್ರಾಮೀಣ ಮನೆಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕದ ಮೂಲಕ 55 ಲಕ್ಷ ರೂ.ಗಳಿಗೆ ಮರುಪಡಿಸುವ ನಿರೀಕ್ಷೆ 2019-20 ರಿಂದ 2022-23 ಸಾಲದೊಳಗೆ ಒದಗಿಸಬೇಕಾಗಿದೆ. ಇದಕ್ಕಿಂತ ಸರ್ಕಾರದ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರದ ಮರುಪಾವತಿ, ಮಿಷನ್ ಮೂಲಕ ಮತ್ತು ಕಾಲಬದ್ಧವಿರಬೇಕಾಗಿದೆ.

ವಿಷಯವುರಬಿಟ್ಟು ವಿಷಯವುರಬಿಟ್ಟು 107 ಗ್ರಾಮೀಣ ಹಾಗೂ 294 ಏಕಮನೆಗಳಿಗೆ ಒದಗಿಸಿರುವುದು.

ಇಂ ಜಿವನ ಮಿಷನ್ ರೆವಿನ್ಯೂ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕಿಸುವುದನ್ನು GUNADAL ಗ್ರಾಮದ GUNADAL ಏಕಮನೆಗಳಿಗೆ ತೆಗೆದುಕೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಈ ಏಕಮನೆಗಳಿಗೆ 312 ಏಕಮನೆಗಳಿದ್ದು, 609 ವೈಯಕ್ತಿಕ ಮನೆಗಳಿರುತ್ತವೆ (House Holds) ಈ ಮನೆಗಳ ವ್ಯತಿ 20 ಮನೆಗಳಿಗೆ ಈಗಾಗಲೇ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ(FHTC) ಕಲ್ಪಿಸಲಾಗಿದೆ. ಹಾಗೂ ಇದಕ್ಕಿಂತ 589 ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ(FHTC) ಕಲ್ಪಿಸಬೇಕಾಗಿದೆ. ವ್ಯಕ್ತಿ 2021-22 ನೇ ಸಾಲದಲ್ಲಿ 589 (House Holds) ಒದಗಿಸಲು ಈ ಅಂದಾಜು ವ್ಯತಿವನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

ಈ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ(ಈಗಾಗಲೇ) ಕಲ್ಪಿಸುವುದಕ್ಕಿಂತಲಾಗಿ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ(In village infrastructure) ಗಳನ್ನು ಸಹ ಒದಗಿಸುವುದು ಅನುಷ್ಠಾನವಾಗಿರುತ್ತದೆ.

ಈ ಇಂ ಜಿವನ ಮಿಷನ್ ರೆವಿನ್ಯೂಯಡಿ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ(FHTC) ಕಲ್ಪಿಸುವುದು ಅಂದಾಜು ವ್ಯತಿಗಳಲ್ಲಿ ಈ ಕೆಳಗಿನ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿರುತ್ತದೆ.

ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ (In village infrastructure) ಗಳಿಗೆ Rising Main/ Distribution Line HDPE Pipe ನ್ನು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕಕ್ಕಾಗಿ ಪಾಟರ್ ಮಿಟರ್, ಟ್ಯಾಪ್ ಇತ್ಯಾದಿ ಅನುಷ್ಠಾನ ಪರಿಗಣಿಸುವುದು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಇಂ ಜಿವನ ಮಿಷನ್ ರೆವಿನ್ಯೂಯಡಿ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂಪರ್ಕ(FHTC) ಕಲ್ಪಿಸುವುದು ಅಂದಾಜು ವ್ಯತಿಗಳಲ್ಲಿ (Implementation of in village infrastructure ಮತ್ತು FHTC) ನಿರ್ವಹಿಸುವುದು ಸಹಿ DSR ಈ ವರದಿಯಲ್ಲಿ DSR ತಯಾರಿಸಿ ವ್ಯಕ್ತಿ ಮೂಲಕ ವ್ಯಕ್ತಿ ಪರಿಗಣಿಸುವುದು ಬುಲೆಟ್ ವ್ಯಕ್ತಿವನ್ನು ಸೇರಿಸಲಾಗಿದೆ.


Section Officer

ಸಂಪನ್ಮೂಲ ಸಂರಕ್ಷಣೆ

- 11) ಗಾಳಿ ಸಂರಕ್ಷಣೆ = 1
- 12) ಮರಗಳ ಸಂರಕ್ಷಣೆ = 1
- 13) ನೀರಿನ ಸಂರಕ್ಷಣೆ =
- 14) ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ = 1
- 15) ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ = 1
- 16) ಇತರ ಸಂರಕ್ಷಣೆ =
- 17) ಸಂರಕ್ಷಣೆ = 1
- 18) ಸಂರಕ್ಷಣೆ = 1
- 19) ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ = 5
- 20) ಸಂರಕ್ಷಣೆ =
- 21) ಸಂರಕ್ಷಣೆ = 5
- 22) ಬಾವಿ/ಕೊಳೆ = 2
- 23) ಮರಗಳ ಸಂರಕ್ಷಣೆ = 1
- 24) ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ =
- 25) ಸಂರಕ್ಷಣೆ = 1
- 26) ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ = 2

ಈ ಅಂದಾಜಿನ ಅನುಷ್ಠಾನದ ವರದಿ ಈ ರೀತಿ ಮಾಡಲಾಗಿದೆ.

ಕ್ರ.ಸಂ.	ಅವಕಾಶ	ಅವಕಾಶ	ಮಾಹಿತಿ
1	ಅಂಚೆ ಸೇವೆ	ಗರಿಷ್ಠ ರೂ. 90	ಗರಿಷ್ಠ 45.0% 45.0% (ಕೆಲವು ಸಂದರ್ಭಗಳಲ್ಲಿ) ಗ್ರಾಮೀಣವಿಧಿಯಾದ ವಿರುದ್ಧ ಮತ್ತು ಸ್ವಯಂಸಹಾಯ ಸಂಘದ ವಿಸ್ತರಣೆ ಮಾಡಲಾಗುವುದು.
2	ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ	ರೂ. 5	ಇವುಗಳ ಪರಿಹಾರಕ್ಕಾಗಿ ಸರ್ಕಾರದಿಂದ ಗ್ರಾಮೀಣವಿಧಿಯಾದ ವಿರುದ್ಧ ಮತ್ತು ಸ್ವಯಂಸಹಾಯ ಸಂಘದ ವಿಸ್ತರಣೆ ಮಾಡಲಾಗುವುದು ಅಥವಾ ಅಂಚೆ ಸೇವೆ ಮಾಡಿ ಸಂರಕ್ಷಣೆಯ ಮೂಲಕ ವಿವರಿಸಲಾಗುವುದು.
3	15% ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ	ರೂ. 5	ಪ್ರಾದೇಶಿಕ ಸರ್ಕಾರದಿಂದ ಕೆಲವು ಸಂದರ್ಭಗಳಲ್ಲಿ ವಿವರಿಸಲಾಗುವುದು ಈ ಅನುಷ್ಠಾನವು ಗ್ರಾಮೀಣವಿಧಿಯಾದ ವಿರುದ್ಧ ಮತ್ತು ಸ್ವಯಂಸಹಾಯ ಸಂಘದ ವಿಸ್ತರಣೆ ಮಾಡಲಾಗುವುದು.

> ಸರ್ಕಾರದಿಂದ ವಿವರಿಸಲ್ಪಟ್ಟು ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆಯನ್ನು ಗ್ರ. ಶಿ. ವಿ. & ಸ್ವ. ಸ್ವ. ಸಂಘದಿಂದ ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆ ಮತ್ತು 2020-21/311 ದಿನಾಂಕ 10.07.2021 ರಂದು ಸರ್ಕಾರದ ಅಧಿಕಾರವು ಅನುಷ್ಠಾನ ಮಾಡಲು ಸರ್ಕಾರದಿಂದ ಸರ್ಕಾರದಿಂದ ವಿವರಿಸಲ್ಪಟ್ಟು ಅನುಷ್ಠಾನ ಮಾಡಲಾಗುವುದು. ಮುಖ್ಯವಾಗಿ ಸರ್ಕಾರದ ಅನುಷ್ಠಾನವು ಸಮಸ್ಯೆಗಳ ಸಂರಕ್ಷಣೆಯ ವಿರುದ್ಧ ಮತ್ತು ಸ್ವಯಂಸಹಾಯ ಸಂಘದ ವಿಸ್ತರಣೆ 2019-20ನೇ ಸಾಲಿನ ಈ ವಿವರಿಸಲ್ಪಟ್ಟು ಅನುಷ್ಠಾನ ಮಾಡಲಾಗುವುದು.

Section Officer ಸಂರಕ್ಷಣೆ ಮತ್ತು ಸಂರಕ್ಷಣೆಯನ್ನು.

PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (SS LPCD)

ABSTRACT
PART - A

1	COST OF PROVIDING AND INSTALING OF BULK	2.No	Rs.	105000.00
2	ESTIMATE FOR REHABILITATION OF OVER HEAD TANK: 50 KL: 7.5mtr x 6R		Rs.	215000.00
3	ESTIMATE FOR REHABILITATION OF OVER HEAD TANK: 50 KL: 7.5mtr x 6R		Rs.	140000.00
4	Lumpsume provision made for fixing the JJM LOGO for demarcation stones, WPP & ELSR.		Rs.	25000.00
	TOTAL		Rs.	485000.00
	ADD 12% FOR GST		Rs.	58200.00
	ADD FOR ROUNDING OFF			800.00
	TOTAL ESTIMATED COST OF PART - A		Rs.	544000.00
	PER CAPITA/HOUSEHOLD		Rs.	893.27

PART - B

	SOURCE			EXISTING
5	DISTRIBUTION PIPELINE 4736.00 Mtrs		Rs.	3384564.25
6	HOUSE TAP CONNECTIONS. 589 No's: (579+30)		Rs.	3551959.95
7	RETROFITTING FOR EXISTING HOUSEHOLD CONNECTIONS. 20 Nos		Rs.	120011.05
	TOTAL		Rs.	7056535.25
	ADD 12% FOR GST		Rs.	846784.23
	ADD FOR ROUNDING OFF			160.84
	TOTAL ESTIMATED COST OF PART - B		Rs.	7903480.32
	PER CAPITA/HOUSEHOLD		Rs.	12977.80
	TOTAL ESTIMATED COST OF PART - A & B		Rs.	8447480.32
	CONTINGENCY 10%		Rs.	844748.03
8	THIRD PARTY INSPECTION CHARGES (Including 18% GST) 0.50%Rs.		Rs.	46630.53
9	PREPARTIN OF DSR, CONTINGENCY, ETC (Including 18% GST) 0.78%Rs.		Rs.	72743.63
	ADD FOR ROUNDING OFF		Rs.	13397.49
	GRAND TOTAL ESTIMATED COST		Rs.	9425000.00
	SAY			94.25 LAKHS

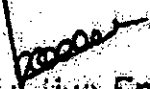
Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Executive Engineer
R.D.W. & S Division Vijayapur

Technically Sanctioned for Rs: 94.25 lakhs
In words: Rupees Ninety four lakhs
Twenty five thousand only
under Head of Account: J.M./22K
& Dn. Reg. No. 67/2021-22


JE / AE.


Executive Engineer,
R.D.W. & S. Dept., Vijaypur Division,
Vijaypur.

**NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN
GUNADAL HABITATION OF GUNADAL VILLAGE THROUGH COVERED UNDER MAMADAPUR & OTHER
30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT (55 LPCD)**

DETAILED ESTIMATE FOR DISTRIBUTION SYSTEM

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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1 Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.22.1, 2.22.2 & 2.22.3]

Concrete Roads	1	2709.00	0.60	0.9	1462.86	Cum		
Asphalt Roads	1	386.00	0.60	0.9	235.44	Cum		
Other Roads	1	597.00	0.60	0.9	859.14	Cum		

Deduct Qty of Road
Cutting as per Item No.3

50%					2557.44			
a) In Ordinary Soil					1278.72			
b) In Hard Soil	30%	383.62	Cum	262.00			100508.00	
c) In Ordinary rock without blasting	35%	447.55	Cum	262.00			117258.00	
	35%	447.55	Cum	592.00			264950.00	

2 Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm wherever necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work in the following strata classifications by Mechanical Means [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.23.1 & 2.23.2]

50%					1278.72			
a) In Ordinary Soil					383.62	Cum	130.00	49871.00
b) In Hard Soil	30%	447.55	Cum	130.00			58182.00	
c) In Ordinary Rock (not requiring blasting)	35%	447.55	Cum	174.00			77874.00	

3 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2, Item No: 2.26]

Cutting Macadam Road Surface	1	1591.00	0.60	0.25	238.65	Cum	346.00	82573.00
Cutting Asphalt Road Surface	1	436.00	0.60	0.27	76.63	Cum	542.00	48281.00
Cutting In Cement Concrete Road Surface	1	2709.00	0.60	0.15	243.81	Cum	1106.00	269654.00
Total Qty					553.09	Cum		

Sl. No	DESCRIPTION OF ITEMS	No	I	B	D	QTTY.	UNIT	RATE	AMOUNT
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4. Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc., complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 110mm dia. Colls shall be used. [RDW&S BGM SR 2019-20 Chapter No: 10 Item No: 10.20.2] PE100 (PN 6.0 /6Kg / cm2)

ZONE-I						
	63 mm	3469.00	Rmt	130.00	450970.00	
	75 mm	670.00	Rmt	162.00	108540.00	
	90 mm	194.00	Rmt	210.00	40740.00	
	110 mm	343.00	Rmt	288.00	98784.00	
	125 mm	0.00	Rmt	358.00	0.00	
	140 mm	60.00	Rmt	451.00	27060.00	
	160 mm	0.00	Rmt	556.00	0.00	
	200 mm	0.00	Rmt	836.00	0.00	

5. Providing 80 mm dia Sluice valve/ scour valve conforming to IS 1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.59.1, 15.59.2, 15.59.3, 15.59.4]

Sluice valve	80 mm dia	9.00	Nos	2900.00	26100.00
	100 mm dia	0.00	Nos	3800.00	0.00
	125 mm dia	0.00	Nos	4200.00	0.00
	150 mm dia	0.00	Nos	4900.00	0.00
scour valve	80 mm dia	3.00	Nos	2900.00	8700.00

6. Supplying and fixing of fixed height surface box H-4057 MD-KU with PP 40% GF Lid, Housing of PA+, Locking clip of PP with Notched bolt M 12 x 130 hexagon head A2-70 for service connection valves, design derived from DIN 4057. Should be supplied with support tile I (FSL, FSS, SI). Should be able to receive class AA traffic loads (KUWS&DB SR 2018-19, Item no. - 20, Page no. - 41)

12 Nos	12.00	Nos	2735.00	32820.00
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7. KSRRB M400 - 17. Providing, laying spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406 [PWD BGM SR 2018-19, Item No: 20.18, Page - 155]

1	3145.00	0.60	0.20	377.40	Cum	4826.00
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8. Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and chills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.04]

1	3145.00	0.60	0.15	283.05	Cum	5525.00
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2709

243.81

889132.00

1563851.25

1347050.25

Sl. No	DESCRIPTION OF ITEMS	No	L	R	D	QTTY	UNIT	RATE	AMOUNT
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9 Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller) Note: Add Rs. 203.00 / cum for earth obtained from borrow pits. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.25]

Qty as per Item No. 1: 1278.72

Qty as per Item No. 2:

Volume of laid pipe line: 20.93

Refilling Qty 1257.79 Cum 103.00 129552.00

10 Labour charges for attending to repairs to the PVC pipes by earth work excavation cutting the old pipe installation and jointing of new pipe to the existing old pipe to the depth and line level and perfect linking at joints including cost of labour, hire charges of equipment refilling the excavated trenches compacting, finishing neatly by giving satisfactory hydraulic test etc, complete encasing the pipes around to a depth of not less than 15cms with earth available and refilling the excavated trenches giving satisfactory hydraulic test etc, complete a) 63mm(0.075) to 200mm (0.500)

1 474

Rmt 197.00 93378.00
Total 4328778.25

3384564.25



Section Officer
R.D.W. & S Sub Division Vijayapur


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Sl. No.	DESCRIPTION OF ITEMS	No	L	B	H	QTY	UNIT	RATE	AMOUNT
	Supply and delivery at site special moulded variety 25 mm dia PVC bend as per IS 7034/1987 and fabricated as per IS 16124/1984 with ISI mark with the latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.45]	589	2.00			1170.00	No	40.50	47120.00
	KSRRB M 400 - 1. Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and IOM of equipments with all leads complete as per specifications. Specification No. KRS 13.2.2 / 13.3 [PWD BGM SR 2018-19 Page No: 93 Item No: 13.23]	15mm	589	1.00		589.00	No	190.00	111910.00
	10. KSRRB-6.3.1: Providing and fixing Flow control valve using food grade materials SS 316 ball/1/2" (15mm) including cost of all materials, labour charges, IOM and testing complete as per of following specification: The FCV normal design is for SLT/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7Ltr/min at 1 bar or more pressure. MOC of valve Food grade stainless steel SS 316. MOC of ball: stainless steel 116. flow direction arrow embossed on its outside surface the valve should act as flow control Valve and non return valve. Minimum operating pressure-0.1kgf (10cm head). Designed pressure: 1meter to 50 meters. Accuracy of valve +20% of average flow rate. Orifice size not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length: not be less than 70mm.	589	1.00			589.00	No	255.00	150195.00
	11. Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for verticals and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height, 8 cms offset around the stone and curing for 10 days including earthwork excavation in all types of soils with all leads and IIR [SR 2018-19 of KUWS & DB Page No: 42 Item No: 24]	589	1.00			589.00	No	440.00	259160.00
	12. Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification complete as per specifications. RWS SR BGM 2019-20, ITEM NO 24.7	589	0.50	0.9		265.00	sqm	82.00	21734.00
	13. Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification II) english and roman hyphen and the like not to be measured and paid for month specification no 891 with black japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITEM NO 24.10	589	96			6654	cm	0.70	39581.00
	14. KSRRB M 400 - 17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mbdng the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406 [PWD BGM SR 2018-19, Item No: 20.18, Page -155]	381	2.5	0.60	0.20	117.3	Cum	1826.00	214189.00
	15. Providing and laying in position plain cement concrete of grade M 15 with OPC cement @ 240kg/cum with 40mm and down size graded granite metal coarse aggregates @ 0.078cum and fine aggregates @ 0.459cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation including cost of all materials, labour, IOM of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.01]	391	2.50	0.60	0.15	187.90	Cum	5525.00	486089.50
	For Platform	589	1.20	0.60	0.15	63.61	Cum	5365.00	341267.65

Sl No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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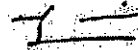
16. KCRB13.5: Providing and fixing water meter with stop cock, Jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, IFOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.19 / 13.16 [PWD BGM SR 2018-19 Page No: 96 Item No: 13.22]

589 1.00 589.00 No 1320.00 777480.00

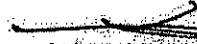
17. Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mm lid dia 200mm height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KUWS SR 2018-19 P-69 Item No: 55]

589 1.00 589.00 Nos 500.00 294500.00

Total 3551959.95



Section Officer



Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 609 HOUSEHOLDS IN GUNADAL HABITATION OF GUNADAL VILLAGE, THROUGH COVERED UNDER MAMADAPUR & OTHER 30 VILLAGES OF VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT. (SS/LPCD)

**PART - A
DETAILED ESTIMATE FOR HOUSE HOLD CONNECTIONS**

Sl. No	DESCRIPTION OF ITEMS	No.	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification: [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.26].								
	Cutting Macadam Road Surface	7	2.50	0.60	0.15	1.58	Cum.	346.00	547.00
	Cutting Asphalt Road Surface	2	2.50	0.60	0.27	0.81	Cum.	542.00	439.00
	Cutting in Cement Concrete Road Surface	11	2.50	0.60	0.15	2.48	Cum.	1106.00	2743.00
2	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) [SR 2018-19 of PW, P.IWT, DEPT Page No: 99 Item No: 13.87, 13.87.1]								
	15 MM Dia Nominal OD Pipes	20	6.60			132.00	Rmt	126.00	16632.00
3	Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.50]								
	63 mm dia	12	1.00			12.00	No	90.00	1080.00
	75 mm dia	4	1.00			4.00	No	120.00	480.00
	90 mm dia	2	1.00			2.00	No	160.00	320.00
	110 mm dia	2	1.00			2.00	No	160.00	320.00
4	Supply and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.47]								
	63 mm dia	12	1.00			12.00	No	90.00	1080.00
	75 mm dia	4	1.00			4.00	No	120.00	480.00
	90 mm dia	2	1.00			2.00	No	160.00	320.00
	110 mm dia	2	1.00			2.00	No	195.00	390.00
5	Supply and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.43]								
	15mm	20	1.00			20.00	No	35.00	700.00
6	Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark and with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.42]								
		20	2.00			40.00	No	15.00	600.00
7	Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.44]								
		20	2.00			40.00	No	30.00	1200.00

Sl No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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9. Supply and delivery at site special moulded variety 25 mm dia PVC bend as per IS 7834/ 1997 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDWS BGM SR 2019-20 Chapter No: 15 Item No: 15.45].

20 2.00 40.00 No 4000 1600.00

9. KSRB13-6.1-1: Providing and fixing in position brass bib cock of approved quality, 15mm nominal bore including cost of all materials, labour and H.O.M of equipments with all leads complete as per specifications. Specification No.KDS 13.2.2 / 13.3 [PWD BGM SR 2018-19 Page No: 93 Item No: 13.23]

15mm 20 1.00 20.00 No 190.00 3800.00

10. KSRB13-6.3-1: Providing and fixing Flow control valve using food grade materials SS 316 ball/1/2 (15mm) including cost of all materials,labour charges, H.O.M and testing complete as per of following specification. The FCV normal design is for 5Ltr/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7Ltr/min at 1 bar or more pressure. MOC of valve: Food grade stainless steel SS 316 MOC of ball: stainless steel 316. flow direction arrow embossed on its outside surface the valve should act as flow control Valve and non return valve. Minimum operating pressure-0.1kgf (10cm head). Designed pressure: 1meter to 50 meters. Accuracy of valve +20% of average flow rate. Orifice size not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length : not be less than 70mm.

20 1.00 20.00 No 255.00 5100.00

11. Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for verticels and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top. Including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height, 8 cms offset around the stone and curing for 10 days including earthwork excavation in all types of soils with all leads and lift [SR 2018-19 of KUWS & DB Page No: 42-Item No: 24].

20 1.00 20.00 No 440.00 8800.00

12. Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification complete as per specifications RWS SR BGM 2019-20, ITEM NO 24.7.

20 0.50 0.9 9.00 sqm 82.00 738.00

13. Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification U) english and roman hyphen and the like not to be measured and paid for morth specification no 801 with black Japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITEM NO 24.10.

20 96 1820 cm 0.70 1344.00

14. KSRRB M400 - 17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mading the material with water at OMC in mechanical mix plant. Carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406. [PWD BGM SR 2018-19; Item No: 20.18, Page - 155]

13 2.5 0.60 0.20 3.9 Cum 1826.00 7121.40

15. Providing and laying in position plain cement concrete of grade M 15: with OPC cement @ 240kgs with 40mm and down size graded granite, metal coarse aggregates @ 0.87Cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms.thick well compacted, in foundation, including cost of all materials, labour, H.O.M of machinery, curing complete as per specifications. [RDWS BGM SR 2019-20 Chapter No: 4-Item No: 4.01].

13 2.50 0.60 0.15 2.93 Cum 5525.00 16188.25

For Platform 20 1.20 0.60 0.15 2.16 Cum 5365.00 11588.40

Sl No	DESCRIPTION OF ITEMS	No	L	B	D	QTY	UNIT	RATE	AMOUNT
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16. NSRB13.5. Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, H.O.M of equipments and testing complete as per specifications. Specification No.KDS 13.2.19 / 13.16 (PWD BGM SR 2018-19 Page No: 96 Item No. 13.22)

20 1.00 20.00 No 1320.00 26400.00


17. Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mm lid dia 200mm height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG-jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KUWS SR 2018-19 P-69 Item No: 55]

20 1.00 20.00 Nos 500.00 10000.00

Total 120011.05



Section Officer


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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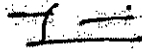
16. KSRB13-5 Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Specification No KBS 13.2.19 / 13.16 [PWD BGM SR 2018-19 Page No: 96 Item No: 13.22]

20 1.00 20.00 No 1320.00 26400.00

17. Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mm x lid dia 200mm x height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mm x 600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KIWS SR 2018-19 P-69 Item No: 55]

20 1.00 20.00 Nos 500.00 10000.00

Total 120011.05


Section Officer


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
3	1531 Providing in C.M. 1:3 proportion including smooth finishing with minimum 2% of approved quality of water proof compound including curing with necessary scaffolding by removing the old plaster wherever necessary for the existing RCC over head tank and giving satisfactory water proof testing as per direction etc complete with all lead & lift for side walls, shell portion, bottom dome, bottom slab and ribs over the staging (KUWS&DB BNG, P. No. 63, I No.18 b.2) 20 mm thick for inside surface.								
	Container Sidewall	Sqm	1	3.141	5.3	3.3	64.94		
	Bottom slab inside	Sqm	1	3.142/4	4.85	4.85	18.47		
						Net	73.41	374.00	27455.34
5	Providing two coats of water proof cement painting of approved colour and shade over one coat of primer including curing etc. complete for RCC over head tanks. (RVWS, GLB, SR, 2019-20, Item- 4.14, Page-39)								
	Top Dome out side	Sqm	2	3.142	3.63	1.00	22.81		
	Fineal column	Sqm	4	4	0.15	0.60	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	64.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		7.60	64.00		
	Bracings	Sqm	18	2.31	1.27		62.81		
	walkway slab	Sqm	2	3.142x5.95	0.60		22.43		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.36		
						Net	238.81	213.00	50185.00
6	Painting letters with black paint including scaffolding wherever necessary. 23 cms size (PWD SR KLB 2019-20, ITEM NO. 24.10 P. 181)	Nos	100						
	Providing and fixing GI pipe railing 32 mm dia GI pipe 'B' Class in two rows on roof dome, flat slab or landings of elevated storage reservoir including cutting, welding, threading, painting, embedding in cement concrete pillars, with all lead lifts etc. complete (RVWS, BGM, SR, 2019-20, Item no- 4.64, Page-38)								
		Rml	1	3.142	5.30		16.65		
		Rml	1	1.8	3.00		6.40		
						Total	23.00	679.00	15817.00
7	Construction of valve chambers (As per sub estimate)	Nos	2	Sub Estimate			2.00	13200.00	26400.00
						Total		214117.00	
						Say		219000.00	

Section Officer

Assistant Executive Engineer
R.D.W. & S Sub Division, Vijayapur.

DETAILED ESTIMATE FOR REHABILITATION OF E.L.S.R - 60 KL CAPACITY

Staging height - 9.0 Mtr

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
1	Providing and fixing anodised aluminum ladder using 65mm x 32mm x 30mm 'C' section channels and 25m dia fluted pipe at 25cm centre to centre ladder fixed at an angle of 70 degree to horizontal including all necessary struts to prevent buckling of the ladder including fixing ladder in CC 1:2:4 proportion of size 0.40 x 0.25 x 0.10 m as directed etc. complete. (RWS, GLB, SR, 2019-20, Item-4.63, Page 38)	Rmt	1	3.80	-	-	4.00	3099.00	12396.00
2	15.3.1. Providing in C.M. 1:3 proportion including smooth finishing with minimum 2% of approved quality of water proof compound including curing with necessary scaffolding by removing the old plaster wherever necessary for the existing RCC over head tank and giving satisfactory water proof testing as per direction etc. complete with all lead & lift for side walls, shell portion, bottom dome, bottom slab and ribs over the staging. (KUWS&DB BNG, P. No. 83, I No.19 b.2) 20 mm thick for inside surface.								
	Container Sidewall	Sqm	1	3.141	5.3	3.3	64.94		
	Bottom slab inside	Sqm	1	3.142/4	4.85	4.85	18.47		
						Net	73.41	374.00	27455.34
3	Providing two coats of water proof cement painting of approved colour and shade over one coat of primer including curing, etc., complete for RCC over head tanks. (RWS, GLB, SR, 2019-20, Item-4.14, Page-39)								
	Top Dome out side	Sqm	2	3.142	3.83	1.00	22.81		
	Final column	Sqm	4	4	0.15	0.60	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		9.00	64.80		
	Bracings	Sqm	18	2.31	1.27		52.81		
	walkway slab	Sqm	2	3.142X5.95	0.60		22.43		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.36		
						Net	248.43	213.00	52486.00

Sl No	Description	Unit	No.	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
4	Painting letters with black paint including scaffolding wherever necessary 23 cms size (PWD SR KLB 2019-20 ITEM NO 24 10 P 181)	Nos	100				100	0.70	70.00
5	Providing and fixing GI pipe railing 32 mm dia GI pipe 'B' Class in two rows on roof dome, flat slab or landings of elevated storage reservoir including cutting, welding, threading, painting, embedding in cement concrete pillars with all lead lifts etc. complete (RWS, BGM, SR, 2019-20, Item no- 4.64, Page-35)	Rmt	1	3.142	5.30		16.65		
		Rmt	1	1.8	3.00		5.40		
		Total					23.00	678.00	15617.00
6	Construction of valve chambers (As per sub estimate)	Nos	2	Sub Estimate			2.00	13200.00	26400.00
		Total							134428.00
		Say							140000.00

[Signature]
Section Officer

[Signature]
Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.

DETAILED ESTIMATE FOR BULK FLOW METER AND VALVE CHAMBER

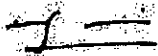
Sl No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
1	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2, Item No: 2.22.1, 2.22.2 & 2.22.3] In ordinary Soil In Hard Soil								
		Cum	1	1.50	1.50	1.35	3.04		
		Cum		40 % of total Qty			1.22	262.00	320.00
		Cum		60 % of total Qty			1.82	262.00	477.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no.15, I no 4.02)	Cum	1	1.50	1.50	0.15	0.34	5281.00	1796.00
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement material	Cum	2	1.20	0.10	1.20	0.29		
		Cum	2	1.20	0.10	1.20	0.29		
		Total =							0.58


Sl No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplasticiser @ 3kts conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications. (RWS page no 16, I no 4.11)	Cum	1	1.20	1.20	0.15	0.216		
		Cum	1	0.60	0.60	0.15	0.054		
							Total	0.16	5942.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for DHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 28, I no 4.59)	Ton	1	0.08		0.58	0.0464		
		Ton	1	0.08		0.16	0.0128		
							0.0592	70306.00	4162
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.) (RWS page no 29, I no 4.66)	Each	1					1818.00	1818.00

Sl. No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
7	ReRefilling the basement and pipeline trenches with selected earth from trench excavation. Including watering, consolidation in layers of 15 cms thick, including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no B.I.no.2.25.1) pits.	Cum	4	1.50	0.1	1.20	0.72	103.09	74.16
8	Supply and delivery of Woltman model with removal mechanism water meters conforming to ISO 4064 part I,II,III class B or IS 779 and IS 2373 with life cycle test certificate from FCRI/ NABL accredited lab. The water meters shall have magnetic drivers or mechanical drivers and shall be versatile for installation in any position. The meters shall be hydrodynamically, hydrostatically balanced. The runner, runner chamber, pointer of the meter shall be as per ISO 4064 class B specification. Dry dial excavated counter housing fully protected against flooding ensuring easy reading in all climates. (RWS 2019-20 Page no 111 Item no.15.40.4) 150 mm Dia Note: the above rates are basic rates inclusive of transportation charges, earth work excavation, labour charges, cutting and threading, conveyance, welding and hire charges for tools and plants etc. complete. (RWS page no 11. I no 15.4) 150mm Dia Bulk Flow Meter	Nos	1				1	39599.00	39599.00
								Total =	52458.16

Total No of Valve Chambers for Flow meter =

2.00 X 52500 = Rs. 105000


Section Officer
RDWS Sub-Division
Vijayapur


Asst. Executive Engineer
RDWS Sub-Division
Vijayapur

DETAILED ESTIMATE FOR VALVE CHAMBER

Sl. No.	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. Specification (RWS page no 8, I no 2.01) and 2.02.								
		Cum	1	1.50	1.50	1.50	3.38		
		Cum					1.69	249.00	421.00
		Cum					1.69	348.00	589.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no 22, I no 4.02)	Cum	1	1.50	1.50	0.15	0.34	5281.00	1796.00
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick/vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns/pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc. including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement. (RWS page no 23, I no 4.08).	Cum	2	1.20	0.10	1.20	0.29		
		Cum	2	1.20	0.10	1.20	0.29		
		Total =							0.58

Sl No	Description	Unit	No.	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.6cum and fine aggregates @ 0.4cum, with superplasticiser @ 3lit confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses; string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc. including cost of all materials, labour, HOM of machinery, curing complete, but excluding cost of reinforcement as per specifications. (RWS page no 24, I no 4.11)	Cum	1	1.20	1.20	0.15	0.216		
	Deduct for inspection door	Cum	1	0.60	0.60	0.15	0.054		
						Total	0.16	5942.60	951.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 38, I no 4.59)	Ton	1	0.08		0.58	0.0464		
			1	0.08		0.16	0.0128		
							0.0592	70306.00	4362
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc. complete (for RCC over head tank and G.L.S.R.) (RWS page no 39, I no 4.66)	Each	1					1818.00	1818.00
7	Refilling the basement and pipeline trenches with selected earth from trench excavation including watering, consolidation in layers of 15 cms thick including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no 12 no.2.25)	Cum	4	1.50	0.1	1.35	0.81	103.00	84.00
								Total =	13133.00

Total No of Valve Chambers for OHT =

0.

Rs. 13200.00

Section Officer
RDWS Sub-Division
Vijayapur

Asst. Executive Engineer
RDWS Sub-Division
Vijayapur

Name of the Works	Quapack								
Type									
Year of Commission	2076								
Area of Water Supply	83 km ²								
Peak Factor	4								
Delivery Level	840.600 m								
Design Losses	10% in percentage								
Total Demand	125500 l in liters / day								
Total Length	18000 Mts								
Sluicing	1.0								
RI or OHT	833.55	83	75	90	110	140	160	200	250
Factor	0.000773	0.81	1474	343	1941	0.7	15	0	0

Label	Start Node	End Node	Length (Station)	Diameter (mm)	Material	Rising Station	Flow (l/s)	Velocity (m/s)	Headloss Gradient	Label	Deviation (m)	Demand (l/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)	Old (mm)
P1-1	P1-1	P1-1	4	100.3	HDPE	143	-6.790	0.500	0.003	P1-1	833.81	0.05	840.54	7.27	80
P1-2	P1-2	P1-2	6	86.7	HDPE	143	0.010	0.000	0.000	P1-2	832.78	0.09	840.37	11.55	63
P1-3	P1-3	P1-3	7	86.7	HDPE	143	0.010	0.000	0.000	P1-3	827.94	0.01	840.17	12.26	63
P1-4	P1-4	P1-4	18	86.7	HDPE	143	0.000	0.070	0.000	P1-4	833.12	0.05	840.19	7.06	63
P1-5	P1-5	P1-5	7	86.7	HDPE	143	0.096	0.040	0.000	P1-5	830.13	0.07	840.18	10.04	63
P1-6	P1-6	P1-6	8	81.1	HDPE	143	-1.685	0.130	0.003	P1-6	829.18	0.07	840.18	11.00	90
P1-7	P1-7	P1-7	9	86.7	HDPE	143	0.441	0.170	0.001	P1-7	827.21	0.24	840.18	7.81	63
P1-8	P1-8	P1-8	9	87.4	HDPE	143	0.730	0.700	0.001	P1-8	820.67	0.04	840.18	9.54	75
P1-9	P1-9	P1-9	10	86.7	HDPE	143	0.570	0.810	0.000	P1-9	812.31	0.09	840.42	8.09	63
P1-10	P1-10	P1-10	14	87.4	HDPE	143	-1.083	0.800	0.001	P1-10	821.45	0.08	840.42	8.55	75
P1-11	P1-11	P1-11	13	86.7	HDPE	143	0.407	0.180	0.001	P1-11	827.01	0.18	840.42	8.40	63
P1-12	P1-12	P1-12	11	86.7	HDPE	143	0.833	0.230	0.001	P1-12	822.11	0.17	840.44	8.31	63
P1-13	P1-13	P1-13	14	87.4	HDPE	143	-0.837	0.230	0.001	P1-13	821.85	0.13	840.41	9.04	75
P1-14	P1-14	P1-14	18	86.7	HDPE	143	0.110	0.040	0.000	P1-14	821.28	0.14	840.34	9.08	63
P1-15	P1-15	P1-15	18	87.4	HDPE	143	-0.218	0.160	0.001	P1-15	821.24	0.13	840.33	9.07	75
P1-16	P1-16	P1-16	16	86.7	HDPE	143	0.030	0.010	0.000	P1-16	822.78	0.13	840.29	7.60	63
P1-17	P1-17	P1-17	17	87.4	HDPE	143	0.750	0.670	0.000	P1-17	1.822.66	0.02	840.89	7.71	75
P1-18	P1-18	P1-18	17	86.7	HDPE	143	0.030	0.010	0.000	P1-18	822.51	0.14	840.18	7.58	63
P1-19	P1-19	P1-19	18	87.4	HDPE	143	-0.457	0.130	0.000	P1-19	821.74	0.09	840.21	8.47	75
P1-20	P1-20	P1-20	18	86.7	HDPE	143	0.030	0.010	0.000	P1-20	821.66	0.13	840.21	8.51	63
P1-21	P1-21	P1-21	19	86.7	HDPE	143	0.030	0.010	0.000	P1-21	821.82	0.13	840.21	8.37	63
P1-22	P1-22	P1-22	19	86.7	HDPE	143	0.030	0.010	0.000	P1-22	821.03	0.17	840.18	9.34	63
P1-23	P1-23	P1-23	19	86.7	HDPE	143	0.030	0.010	0.000	P1-23	821.18	0.13	840.34	9.14	63
P1-24	P1-24	P1-24	20	86.7	HDPE	143	0.030	0.010	0.000	P1-24	821.28	0.08	840.36	9.08	63
P1-25	P1-25	P1-25	20	87.4	HDPE	143	-0.837	0.180	0.001	P1-25	820.51	0.11	840.18	9.45	75
P1-26	P1-26	P1-26	20	86.7	HDPE	143	0.041	0.070	0.000	P1-26	820.21	0.03	840.18	9.95	63
P1-27	P1-27	P1-27	20	87.4	HDPE	143	1.211	0.340	0.001	P1-27	827.69	0.09	840.33	10.81	75
P1-28	P1-28	P1-28	21	86.7	HDPE	143	-0.790	0.110	0.000	P1-28	829.82	0.1	840.33	10.98	63

211-29	211-42	211-14	21	67.4	NDPE	145	0.819	0.240	0.001	211-29	512.37	0.11	540.44	8.76	75
211-30	211-31	211-2	21	56.7	NDPE	145	0.120	0.050	0.000	211-30	512.18	0.08	540.24	0.25	61
211-31	211-19	211-7	22	56.3	NDPE	145	0.187	0.078	0.000	211-31	512.23	0.15	540.7	7.96	63
211-32	211-20	211-43	24	56.7	NDPE	145	0.040	0.015	0.000	211-32	512.9	0.01	540.31	10.41	63
211-33	211-79	211-41	24	67.4	NDPE	145	0.941	0.260	0.001	211-33	512.69	0.03	540.44	7.74	75
211-34	211-44	211-37	27	56.7	NDPE	145	0.610	0.240	0.001	211-34	512.17	0.03	540.11	10.99	63
211-35	211-19	211-44	27	67.4	NDPE	145	1.560	0.440	0.003	211-35	512.09	0.03	540.33	11.21	75
211-36	211-45	211-45	26	56.7	NDPE	145	0.040	0.020	0.000	211-36	512.93	0.03	540.37	12.37	63
211-37	211-20	211-22	25	56.7	NDPE	145	0.481	0.190	0.001	211-37	512.96	0.13	540.38	9.38	63
211-38	211-72	211-46	27	56.7	NDPE	145	0.050	0.020	0.000	211-38	512.41	0.15	540.44	8.01	63
211-39	211-11	211-31	27	56.7	NDPE	145	0.166	0.190	0.001	211-39	512.53	0.17	540.39	8.45	63
211-40	211-41	211-29	28	56.7	NDPE	145	0.170	0.070	0.000	211-40	512.38	0.16	540.44	7.04	63
211-41	211-47	211-48	28	61.1	NDPE	145	1.722	0.330	0.001	211-41	512.03	0.21	540.45	8.40	90
211-42	211-27	211-25	31	56.7	NDPE	145	0.151	0.060	0.000	211-42	512.43	0.18	540.36	8.86	63
211-43	211-37	211-13	29	56.7	NDPE	145	0.697	0.280	0.002	211-43	512.53	0.06	540.21	8.66	63
211-44	211-12	211-10	30	56.7	NDPE	145	0.425	0.170	0.001	211-44	512.43	0.15	540.32	8.66	63
211-45	211-48	211-12	31	61.1	NDPE	145	1.289	0.440	0.003	211-45	512.84	0.08	540.33	10.46	90
211-46	211-25	211-7	31	56.7	NDPE	145	0.007	0.000	0.000	211-46	512.67	0.05	540.18	10.49	63
211-47	211-12	211-30	34	56.7	NDPE	145	0.010	0.000	0.000	211-47	512.74	0.24	540.48	7.72	63
211-48	211-9	211-41	35	61.1	NDPE	145	1.269	0.250	0.001	211-48	512.24	0.18	540.32	7.27	90
211-49	211-47	211-41	36	61.1	NDPE	145	1.979	0.360	0.002	211-49	512.89	0.31	540.31	8.40	90
211-50	211-47	211-21	38	61.1	NDPE	145	1.157	0.260	0.001	211-50	512.35	0.08	540.31	10.91	90
211-51	211-49	211-30	38	56.7	NDPE	145	0.060	0.020	0.000	211-51	512.72	0.07	540.21	8.48	63
211-52	211-15	211-49	40	67.4	NDPE	145	0.560	0.160	0.001	211-52	512.65	0.12	540.33	8.62	75
211-53	211-40	211-16	34	67.4	NDPE	145	0.833	0.160	0.001	211-53	512.85	0.07	540.54	8.64	75
211-54	211-21	211-31	42	56.7	NDPE	145	0.070	0.030	0.000	211-54	512.42	0.11	540.34	8.93	63
211-55	211-12	211-44	44	56.7	NDPE	145	0.267	0.110	0.000	211-55	512.7	0.08	540.18	8.45	63
211-56	211-54	211-41	48	56.7	NDPE	145	0.057	0.020	0.000	211-56	512.3	0.09	540.44	8.13	63
211-57	211-18	211-63	46	56.7	NDPE	145	0.080	0.030	0.000	211-57	512.37	0.1	540.25	8.90	63
211-58	211-56	211-40	52	56.7	NDPE	145	0.090	0.040	0.000	211-58	512.86	0.13	540.47	8.60	63
211-59	211-14	211-21	55	56.7	NDPE	145	0.031	0.015	0.000	211-59	512.49	0.13	540.29	8.78	63
211-60	211-99	211-67	60	56.7	NDPE	145	0.100	0.040	0.000	211-60	512.9	0.06	540.3	7.33	63
211-61	211-28	211-47	70	56.7	NDPE	145	0.180	0.050	0.000	211-61	512.61	0.04	540.44	8.61	63
211-62	211-49	211-69	113	56.7	NDPE	145	0.190	0.080	0.000						63
211-63	211-27	211-52	5	67.4	NDPE	145	0.757	0.110	0.001						75
211-64	211-57	211-27	20	67.4	NDPE	145	0.170	0.100	0.000						75
211-65	211-11	211-54	29	67.4	NDPE	145	1.206	0.340	0.002						75
211-66	211-14	211-24	2	67.4	NDPE	145	1.001	0.190	0.002						75
211-67	211-48	211-1	10	326.3	NDPE	145	4.180	0.490	0.003						140
211-68	211-1	211-63	40	56.7	NDPE	145	0.070	0.030	0.000						63
211-69	211-60	211-11	35	56.7	NDPE	145	0.060	0.020	0.000						63
211-70	211-40	211-61	75	56.7	NDPE	145	0.040	0.010	0.000						63

1 Name of the Work	General									
2 Zone										
3 Total Population	2298									
4 Rate of Water Supply	55 lpcd									
5 Peak Factor	1.4									
6 (Deliver) Loss	544.000 in m									
7 Distribution Losses	10% in percentage									
8 Total Demand	139020.0 in Liters / day									
9 Total Length	2420.0 Mts.									
10 Staging Ht.	7.0									
11 Rf of DWT	537.00									
12 Factor	0.000665	0.43	1975	285	0	543	45	0	0	0

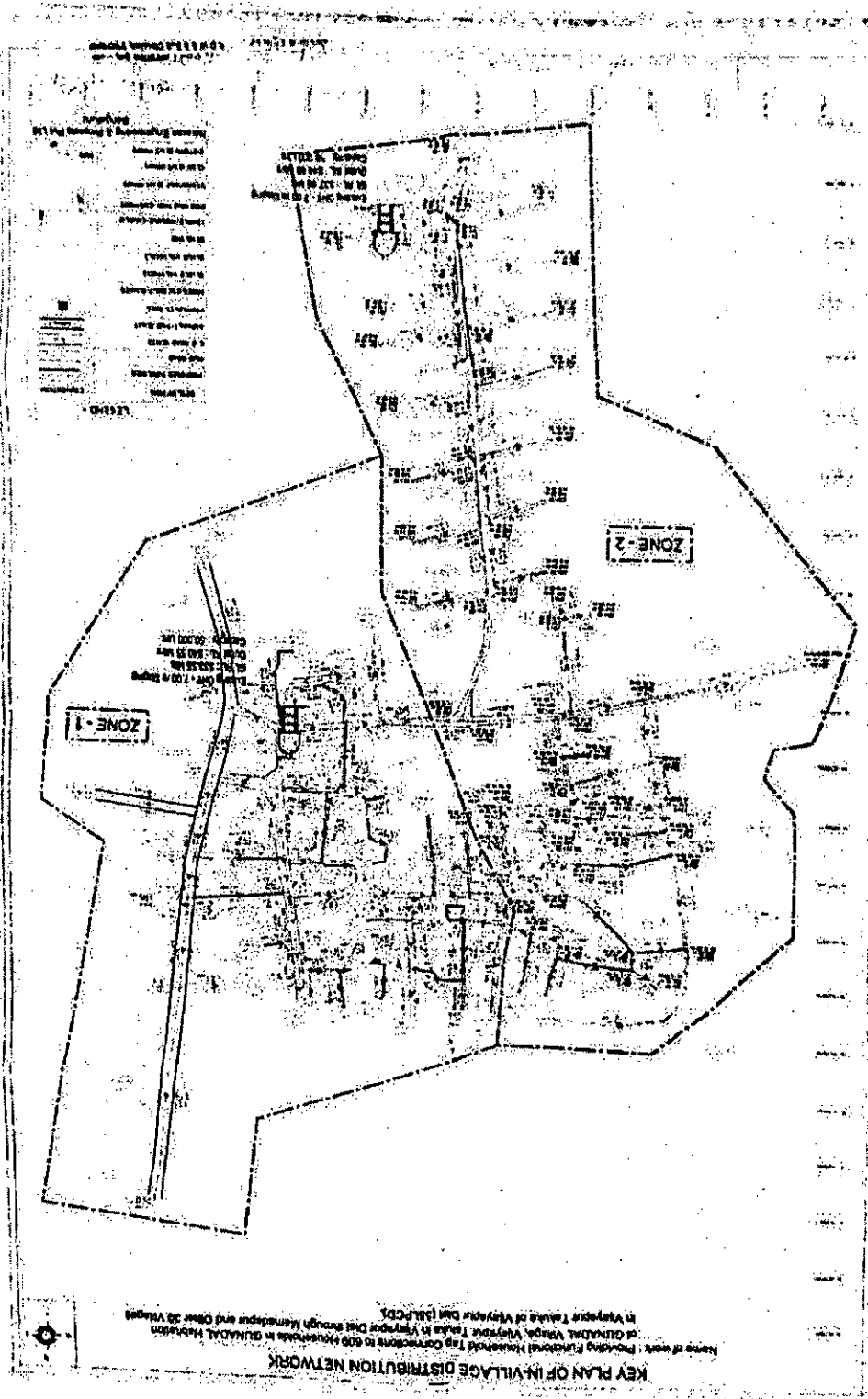
Total Length of Pipe in mts										
63	78	90	110	140	160	200	250			

Line	Start Node	End Node	Length (m)	Diameter (mm)	Material	Mass (kg)	Flow (l/s)	Velocity (m/s)	Headloss (m)	Label	Elevation (m)	Demand (l/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)	Q/c (lpcd)
DP-1	22-3	22-2	8	56.7	HOPE	143	0.040	0.020	0.000	22-3	532.74	0.08	543.59	10.83	63
DP-2	22-4	22-5	10	56.7	HOPE	145	0.420	0.170	0.001	22-4	534.82	0.13	543.76	8.91	63
DP-3	22-6	22-7	12	67.4	HOPE	145	6.970	0.560	0.001	22-6	534.66	0.04	543.76	5.08	140
DP-4	22-8	22-9	13	67.4	HOPE	145	0.723	0.300	0.001	22-8	531.41	0.11	543.56	12.13	75
DP-5	22-10	22-11	17	56.7	HOPE	145	0.813	0.330	0.001	22-10	531.40	0.09	543.55	12.13	75
DP-6	22-12	22-13	17	56.7	HOPE	145	0.824	0.370	0.001	22-12	536.56	0.09	544.43	8.03	63
DP-7	22-14	22-15	15	56.7	HOPE	145	0.020	0.010	0.000	22-14	532.64	0.05	543.61	10.84	63
DP-8	22-16	22-17	15	56.7	HOPE	145	0.020	0.010	0.000	22-16	532.78	0.16	543.60	10.80	63
DP-9	22-18	22-19	10	56.7	HOPE	145	0.010	0.000	0.000	22-18	532.71	0.07	543.62	10.83	63
DP-10	22-20	22-21	15	56.7	HOPE	145	0.040	0.020	0.000	22-20	532.59	0.01	543.51	10.92	63
DP-11	22-22	22-23	16	56.7	HOPE	145	1.505	0.170	0.001	22-22	534.13	0.12	543.60	9.43	75
DP-12	22-24	22-25	17	56.7	HOPE	145	0.020	0.010	0.000	22-24	534.06	0.14	543.59	9.51	63
DP-13	22-26	22-27	18	56.7	HOPE	145	0.020	0.010	0.000	22-26	532.79	0.03	543.62	10.80	63
DP-14	22-28	22-29	18	67.4	HOPE	145	-0.534	-0.160	0.001	22-28	533.57	0.11	543.59	10.00	75
DP-15	22-30	22-31	19	56.7	HOPE	145	0.030	0.010	0.000	22-30	533.41	0.01	543.59	10.34	63
DP-16	22-32	22-33	24	56.7	HOPE	145	-0.160	0.060	0.000	22-32	533.82	0.06	543.63	9.79	63
DP-17	22-34	22-35	22	56.7	HOPE	145	0.030	0.010	0.000	22-34	533.69	0.03	543.63	12.01	63
DP-18	22-36	22-37	27	67.4	HOPE	145	1.635	0.450	0.004	22-36	532.21	0.1	543.53	11.80	75
DP-19	22-38	22-39	27	67.4	HOPE	145	0.903	0.750	0.001	22-38	533.64	0.07	543.71	10.05	75
DP-20	22-40	22-41	25	56.7	HOPE	143	-0.073	0.040	0.000	22-40	533.33	0.04	543.71	10.16	63
DP-21	22-42	22-43	30	56.7	HOPE	145	0.172	0.070	0.000	22-42	533.95	0.11	543.66	10.79	63
DP-22	22-44	22-45	31	56.7	HOPE	145	-0.172	-0.070	0.000	22-44	534.63	0.02	543.76	9.09	63
DP-23	22-46	22-47	37	56.7	HOPE	145	0.050	0.020	0.000	22-46	530.56	0.02	543.55	11.96	63
DP-24	22-48	22-49	34	67.4	HOPE	145	-0.815	-0.180	0.001	22-48	534.18	0.09	543.61	9.41	75
DP-25	22-50	22-51	37	56.7	HOPE	145	0.353	0.140	0.001	22-50	533.24	0.03	543.61	10.94	63
DP-26	22-52	22-53	39	56.7	HOPE	145	0.110	0.330	0.000	22-52	531.56	0.11	543.53	11.93	63
DP-27	22-54	22-55	45	56.7	HOPE	145	-0.317	-0.020	0.000	22-54	535.23	0.03	543.53	11.20	63
DP-28	22-56	22-57	50	56.7	HOPE	145	0.170	0.070	0.000	22-56	533.64	0.12	543.79	10.11	63
DP-29	22-58	22-59	50	56.7	HOPE	145	-0.110	-0.040	0.000	22-58	533.77	0.13	543.65	10.83	63
DP-30	22-60	22-61	51	67.4	HOPE	145	0.673	0.180	0.001	22-60	534.99	0.13	544.56	9.33	75
DP-31	22-62	22-63	51	67.4	HOPE	145	0.180	0.470	0.003	22-62	530.94	0.11	543.56	12.59	110

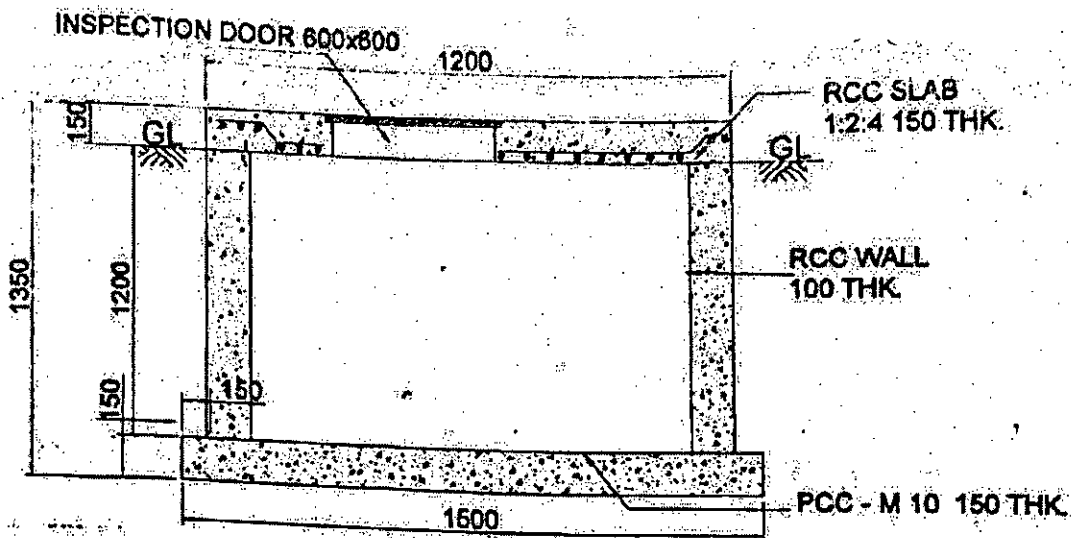
27-32	22-12	22-14	54	56.7	HOPE	145	0.177	0.150	0.001	22-32	548.64	0.04	544.7	9.54	61
27-33	22-15	22-16	27	56.7	HOPE	145	0.170	0.050	0.000	22-33	515.83	0.04	544.57	8.71	61
27-34	22-18	22-19	5	56.7	HOPE	145	0.070	0.030	0.000	22-34	530.7	0.05	541.53	13.31	61
27-35	22-21	22-22	10	56.7	HOPE	145	0.010	0.000	0.070	22-35	518.41	0.21	541.69	10.33	61
27-36	22-23	22-24	17	57.4	HOPE	145	1.177	0.130	0.002	22-36	615.07	0.05	544.75	9.16	75
27-37	22-16	22-17	7	57.4	HOPE	145	1.057	0.110	0.002	22-37	536.07	0.05	544.3	8.16	75
27-38	22-43	22-40	261	59.8	HOPE	145	-3.220	-0.490	0.001	22-38	534.05	0.05	544.33	9.51	110
27-39	22-52	22-53	30	56.7	HOPE	145	0.040	0.020	0.000	22-39	537.85	0.05	544.23	10.31	61
27-40	22-75	22-74	32	57.4	HOPE	145	-1.151	0.130	0.002	22-40	515.31	0.05	544.19	8.85	75
27-41	22-48	22-47	1	57.4	HOPE	145	-1.493	0.420	0.003	22-41	515.14	0.04	544.18	9.02	75
27-42	22-14	22-13	23	56.7	HOPE	145	0.050	0.020	0.000	22-42	535.7	0.04	540.24	8.53	61
27-43	22-49	22-51	13	56.7	HOPE	145	-0.190	0.040	0.000	22-43	533.79	0.27	543.89	70.08	61
27-44	22-53	22-51	14	56.7	HOPE	145	-0.020	0.010	0.020	22-44	533.23	0.04	543.50	10.25	61
27-45	22-44	22-54	14	56.7	HOPE	145	0.020	0.010	0.000	22-45	532.88	0.04	544.78	11.36	61
27-46	22-52	22-57	4	125.3	HOPE	145	-0.500	0.640	0.002	22-46	534.81	0.06	544.12	9.21	140
27-47	22-17	22-6	21	125.3	HOPE	145	-0.830	0.550	0.002	22-47	531.82	0.07	544.32	12.38	140
27-48	22-54	22-58	25	56.7	HOPE	145	0.050	0.020	0.000	22-48	533.53	0.14	543.78	10.22	61
27-49	22-57	22-58	43	56.7	HOPE	145	1.170	0.440	0.005	22-49	530.7	0.19	543.54	12.81	61
27-50	22-29	22-45	44	56.7	HOPE	145	0.050	0.020	0.000	22-50	533.88	0.07	544.54	10.84	61
27-51	22-53	22-59	13	56.7	HOPE	145	0.040	0.020	0.001	22-51	533.21	0.07	544.41	12.14	61
27-52	22-60	22-62	29	56.7	HOPE	145	0.060	0.020	0.000	22-52	535.16	0.05	544.57	9.29	61
27-53	22-59	22-60	34	56.7	HOPE	145	0.170	0.310	0.002	22-53	535.76	0.05	544.63	8.83	61
27-54	22-61	22-57	26	56.7	HOPE	145	0.050	0.020	0.000	22-54	531.65	0.17	543.68	12.01	61
27-55	22-60	22-61	34	56.7	HOPE	145	0.570	0.130	0.001	22-55	535.65	0.02	543.89	10.22	61
27-56	22-42	22-40	34	56.7	HOPE	145	0.050	0.020	0.000	22-56	533.03	0.02	543.13	10.54	61
27-57	22-61	22-62	11	56.7	HOPE	145	0.370	0.150	0.001	22-57	535.33	0.1	544.68	9.21	61
27-58	22-63	22-61	25	56.7	HOPE	145	0.060	0.020	0.000	22-58	534.23	0.11	544.59	10.13	61
27-59	22-61	22-63	35	56.7	HOPE	145	0.170	0.070	0.000	22-59	534.23	0.14	544.31	10.02	61
27-60	22-30	22-64	1	56.7	HOPE	145	1.870	0.540	0.006	22-60	535.2	0.18	544.24	8.02	61
27-61	22-44	22-50	49	56.7	HOPE	145	0.070	0.030	0.000	22-61	535.66	0.15	544.2	8.52	61
27-62	22-65	22-51	51	56.7	HOPE	145	0.070	0.020	0.000	22-62	535.36	0.13	544.19	8.81	61
27-63	22-64	22-65	27	56.7	HOPE	145	1.130	0.470	0.009	22-63	534.86	0.11	544.18	8.31	61
27-64	22-64	22-67	47	56.7	HOPE	145	0.070	0.030	0.000	22-64	534.89	0.11	544.54	9.64	61
27-65	22-65	22-66	28	56.7	HOPE	145	0.970	0.180	0.001	22-65	533.83	0.13	544.42	10.51	61
27-66	22-67	22-61	41	56.7	HOPE	145	0.060	0.020	0.000	22-66	534	0.15	544.31	10.30	61
27-67	22-66	22-67	11	56.7	HOPE	145	0.240	0.290	0.001	22-67	534.86	0.16	544.25	8.21	61
27-68	22-68	22-69	37	56.7	HOPE	145	0.050	0.020	0.000	22-68	535.48	0.13	544.22	8.78	61
27-69	22-67	22-68	25	56.7	HOPE	145	0.930	0.210	0.001	22-69	535.31	0.14	544.21	8.86	61
27-70	22-69	22-25	32	56.7	HOPE	145	0.060	0.020	0.000	22-70	534.83	0.09	544.2	9.24	61
27-71	22-68	22-69	31	56.7	HOPE	145	0.320	0.130	0.000						61
27-72	22-70	22-32	21	56.7	HOPE	145	0.040	0.020	0.000						61
27-73	22-69	22-70	32	56.7	HOPE	145	0.130	0.050	0.000						61
27-74	22-57	22-30	4	125.3	HOPE	145	1.470	0.640	0.002						140

Section Officer

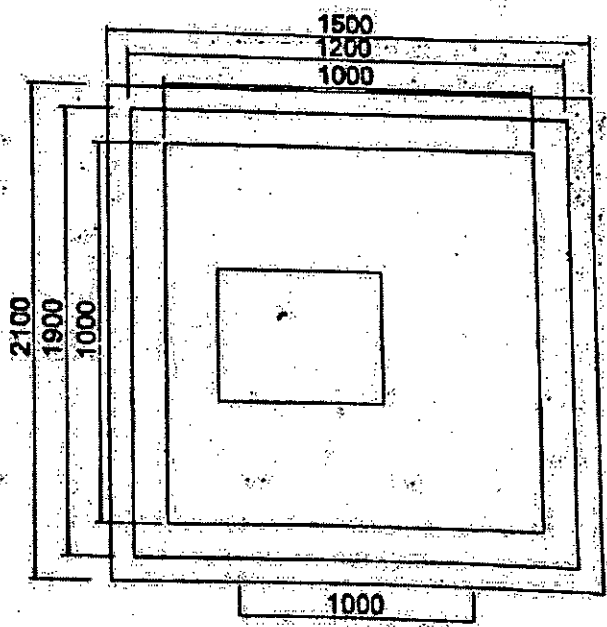
Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.



VALVE CHAMBER FOR BULK METER



SECTION A-A



PLAN

[Signature]
Section Officer

[Signature]
Assistant Executive Engineer
R D W & B Sub Division, Vijayapur.

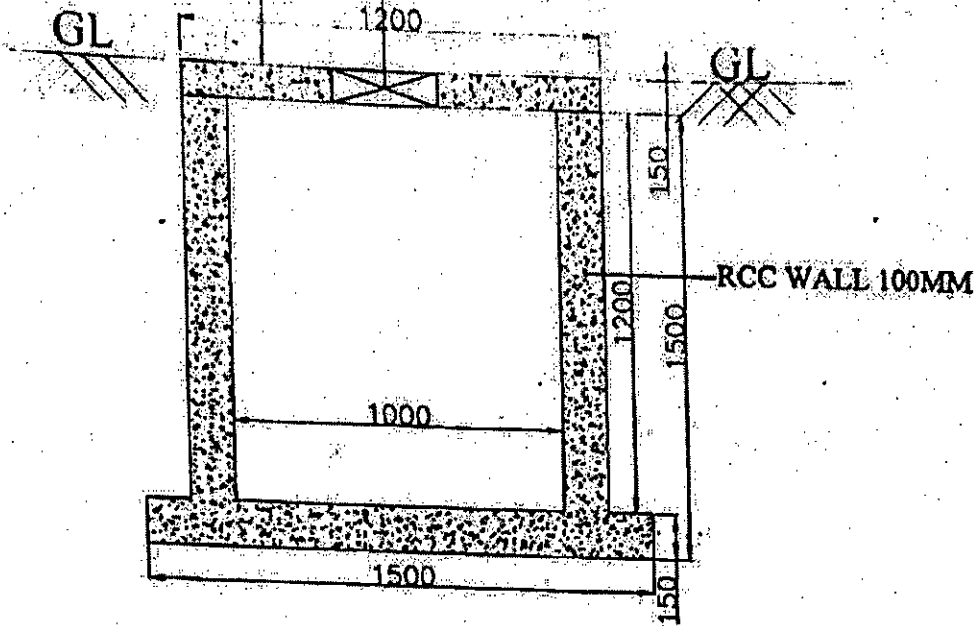
All Dimensions are in mm

NIKETAN ENGINEERING & PROJECTS PVT LTD.
RESEARCH, DESIGN, CONSTRUCTION & MAINTENANCE CONTRACTORS

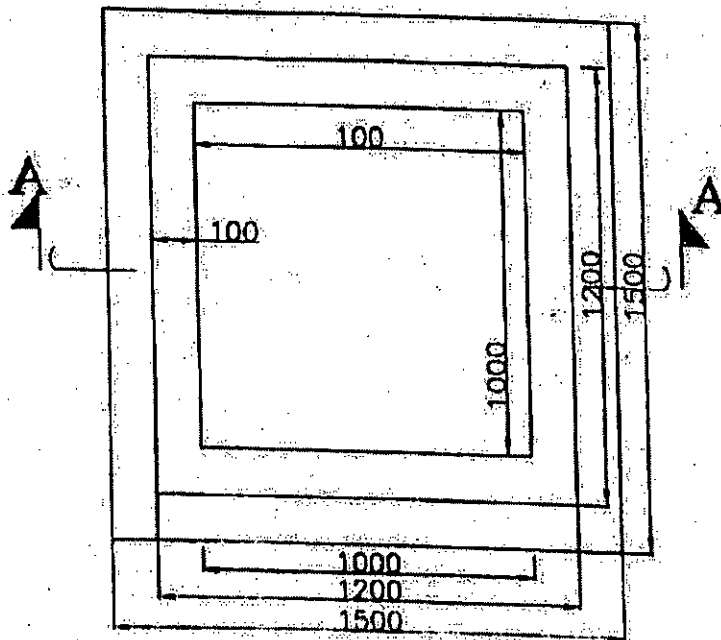
VALVE CHAMBER

RCC SLAB (150THK.)

MANHOLE (600x600)



SECTION A-A



PLAN

Assistant Executive Engineer
R D W & B Sub Division, Vijayapur.

All Dimensions are in mm

Section Officer

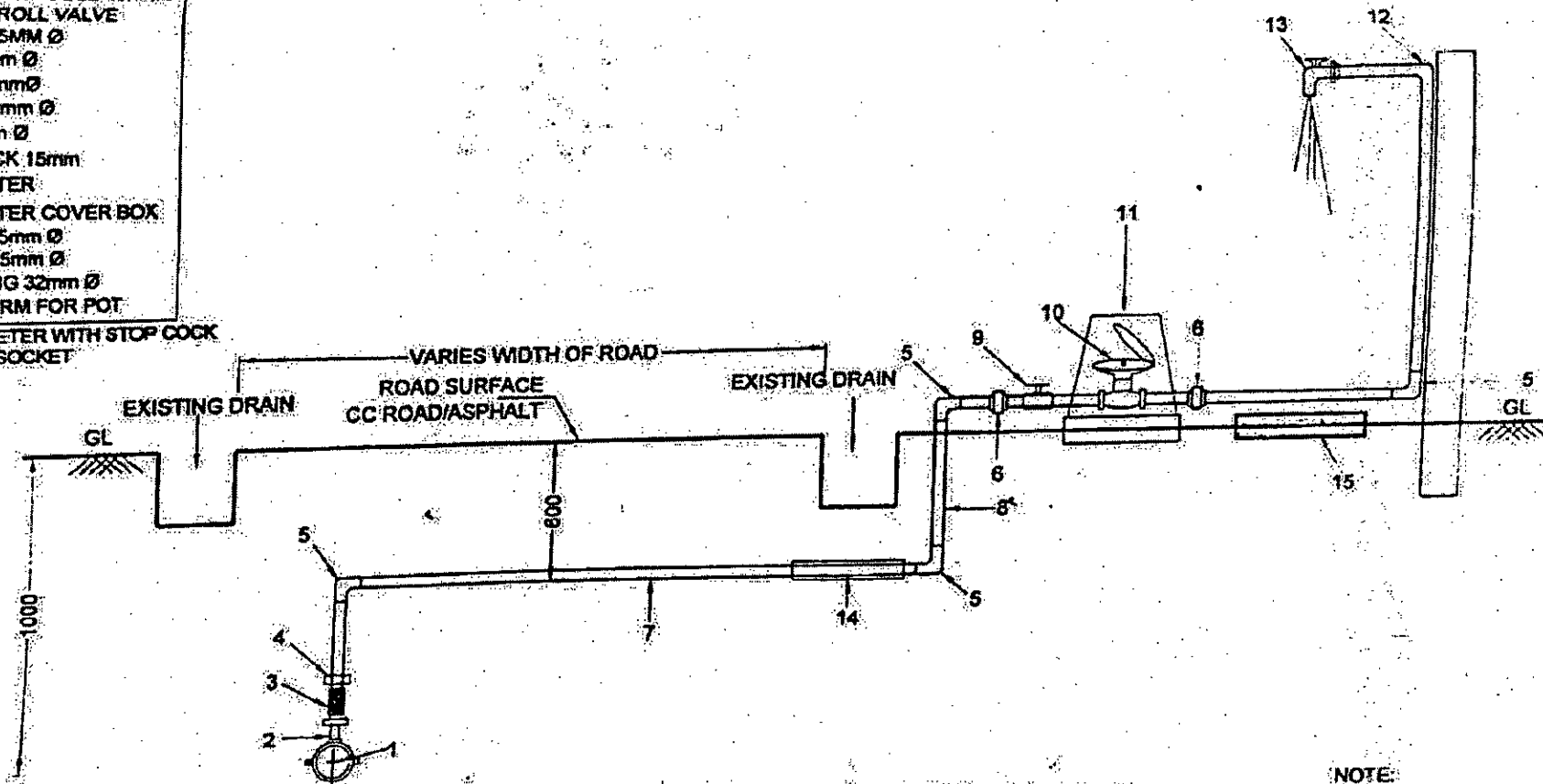
NIKETAN ENGINEERING & PROJECTS PVT LTD.
(CONSULTANTS & ENGINEERING PROJECTS CONSULTANTS)

SCHEMATIC DIAGRAM SHOWING THE HOUSEHOLD CONNECTION

LEGEND

1. DISTRIBUTION PIPE
2. PVC SERVICE SADDLE-15mm ϕ
3. FLOW CONTROLL VALVE
4. GI COLLAR 15MM ϕ
5. GI BEND 15mm ϕ
6. GI UNION 15mm ϕ
7. MDPE PIPE 2mm ϕ
8. GI PIPE 15mm ϕ
9. GI STOP COCK 15mm
10. WATER METER
11. WATER METER COVER BOX
12. GI BLBOW 15mm ϕ
13. BIB COCK 15mm ϕ
14. GI ENCASING 32mm ϕ
15. CC PLATFORM FOR POT

NOTE: WATER METER WITH STOP COCK
JAM NUT, SOCKET



TYPICAL CROSS-SECTION OF HOUSEHOLD CONNECTION

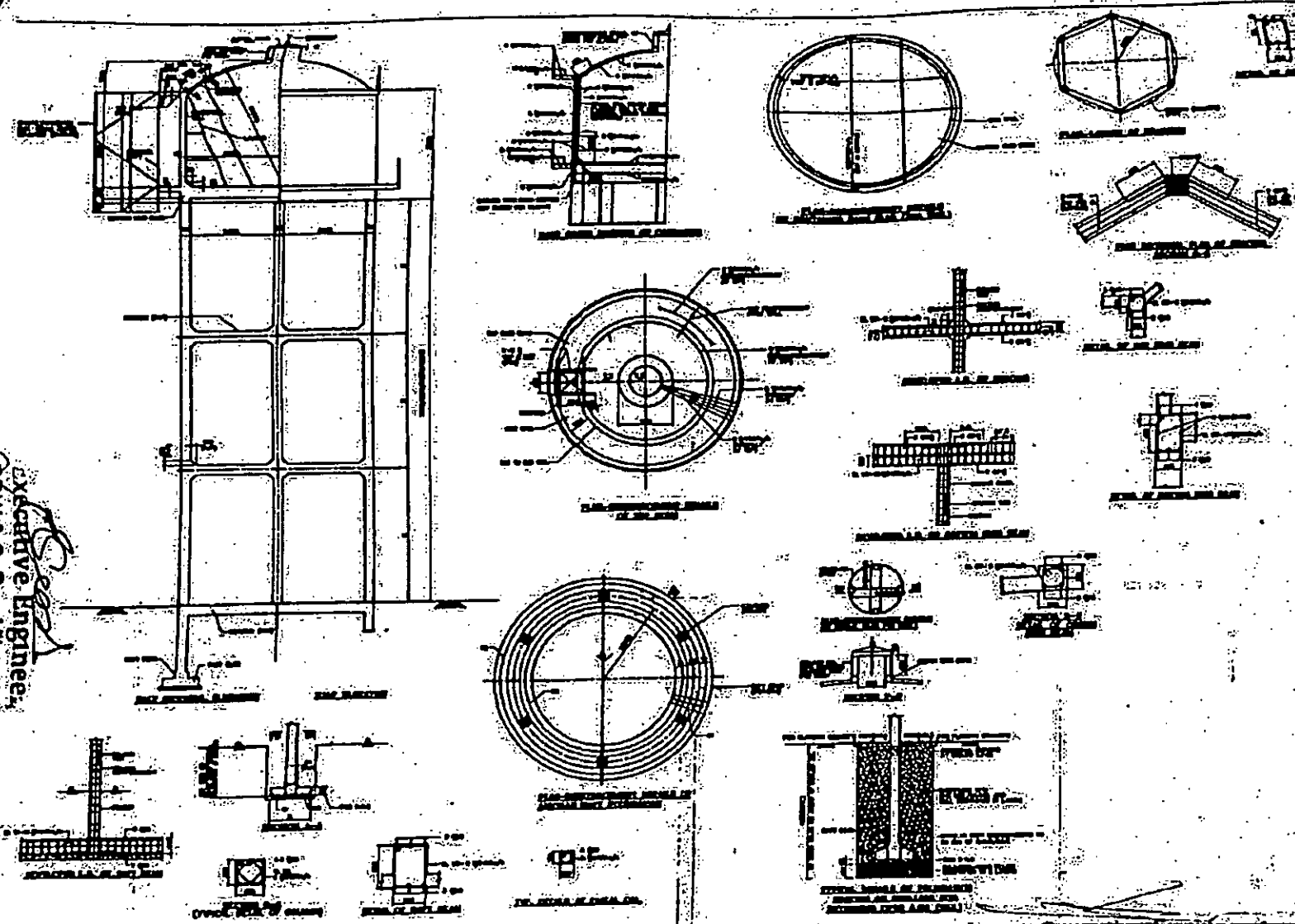
NOTE:
1. ALL DIMENSIONS AREA IN m
2. DO NOT SCALE THE DRAWING

Section Officer

Assistant Executive Engineer
R.D.W & S Sub Division, Vijayapur

Title
C/S OF HOUSEHOLD CONNECTION DRAWING
NIKETAN ENGINEERING & PROJECTS PVT LTD BENGALURU

Executive Engineer,
R.O.W. & S. Dn., VILAYADU



GENERAL INFORMATION			
NO.	DESCRIPTION	UNIT	QUANTITY
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Section Officer

Assistant Executive Engineer
R.O.W. & S. Dn., VILAYADU

MEASUREMENTS BOOK FOR R.A. Bill No 1 st & Part

Work: Providing 609 FHTCs at GUNADAL Habitation of GUNADAL Villages of Vijayapur
 covered under MVS-Mamadapur & Other 30 villages of Vijayapur taluka Vijayapur Dist (55

Account

Jal Jeevan Mission 2021-22

Agency

T. Agre No : 180/2021-22 Dt: 19-01-2022

Commencement

Shri. Rudragouda B. Siddareddi Contractor,

Completion

(GURUKRUPA AGRO)

Measurements

13/01/2022

13/05/2022

05/04/2022

Unit	Nos	L	B	D	Qty	Remarks
EXCAVATION SYSTEM						
Excavation for pipeline trenches including depositing on bank including shoring and lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary in the following strata etc., complete- By Manual Means with all lead, lifts, loading & charges including cost and conveyance of all materials, labour, equipments and other charges required for successful completion of work etc., complete as per specifications in the directions of the Engineer incharge of the work in <u>Ordinary soil</u>						
						Measurement Sheet No 3
						TOTAL QUANTITY DONE = 213.12 Cum
						Deduct Previous Paid Qty = 213.12 Cum
						Now to Pay = (-) 0.00 Cum
						213.12 Cum
Excavation for pipeline trenches including depositing on bank including shoring and lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary in the following strata etc., complete- By Manual Means with all lead, lifts, loading & charges including cost and conveyance of all materials, labour, equipments and other charges required for successful completion of work etc., complete as per specifications in the directions of the Engineer incharge of the work in <u>Hard soil</u>						
						Measurement Sheet No 3
						TOTAL QUANTITY DONE = 355.20 Cum
						Deduct Previous Paid Qty = 355.20 Cum
						Now to Pay = (-) 0.00 Cum
						355.20 Cum
Excavation for pipeline trenches including depositing on bank including shoring and lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary in the following strata etc., complete- By Manual Means with all lead, lifts, loading & charges including cost and conveyance of all materials, labour, equipments and other charges required for successful completion of work etc., complete as per specifications in the directions of the Engineer incharge of the work in <u>Ordinary Rock</u>						
						Measurement Sheet No 3
						TOTAL QUANTITY DONE = 284.16 Cum
						Deduct Previous Paid Qty = 284.16 Cum
						Now to Pay = (-) 0.00 Cum
						284.16 Cum

(Signature)
Executive Engineer,
RDW & S. Dn., Vijayapur

Description	Unit	Nos	L	B	D	Qty	Remarks
<p>Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm where necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work. in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Ordinary soil</p>							
Vide Pre Measurement Sheet No 3							
TOTAL QUANTITY DONE						=	213.12 Cum
Deduct Previous Paid Qty						=	213.12 Cum
Now to Pay						(-)	0.00 Cum
							213.12 Cum
<p>Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm where necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work. in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Hard soil</p>							
Pre Measurement Sheet No 3							
TOTAL QUANTITY DONE						=	284.16 Cum
Deduct Previous Paid Qty						=	284.16 Cum
Now to Pay						(-)	0.00 Cum
							284.16 Cum
<p>Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm where necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work. in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Ordinary rock blasting</p>							
Pre Measurement Sheet No 1							
TOTAL QUANTITY DONE						=	355.20 Cum
Deduct Previous Paid Qty						=	355.20 Cum
Now to Pay						(-)	0.00 Cum
							355.20 Cum
<p>Preparation of road surface for pipeline trenches and disposing of the excavated stuff as directed including setting out, danger lighting etc. in the following classification with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work Cement Concrete Road</p>							

Particulars	Unit	Nos	L	B	D	Qty	Remarks
Pre Measurement Sheet No 1						243.81	Cum
TOTAL QUANTITY DONE	=					243.81	Cum
Deduct Previous Paid Qty	=				(-)	0.00	Cum
Now to Pay						243.81	Cum
<p>150 mm HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to including loading and unloading at both destination and rolling, lowering into trenches, laying and jointing of pipes and specials by electrofusion welding, as per standard and guide lines including encasing the pipe around to a depth not less than 15cms with soft gravel or selected earth available from the excavation etc., complete giving hydraulic per relevant IS Specification with all lead and lift including testing and commissioning. Is exclusive of required specials and fittings etc., complete (Contractor will make his own ment for procuring water for testing)Upto 75 mm dia.Coils shall be used. with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, machinery and other incidental charges required for successful completion of work etc., as per specifications and as per the directions of the Engineer incharge of the work</p>							
150 DIA HDPE							
Pre Measurement Sheet No 1						3469.00	Rmt
TOTAL QUANTITY DONE	=					3469.00	Rmt
Deduct Previous Paid Qty	=				(-)	0.00	Rmt
Now to Pay						3469.00	Rmt
<p>150 mm HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to including loading and unloading at both destination and rolling, lowering into trenches, laying and jointing of pipes and specials by electrofusion welding, as per standard and guide lines including encasing the pipe around to a depth not less than 15cms with soft gravel or selected earth available from the excavation etc., complete giving hydraulic per relevant IS Specification with all lead and lift including testing and commissioning. Is exclusive of required specials and fittings etc., complete (Contractor will make his own ment for procuring water for testing)Upto 75 mm dia.Coils shall be used. with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, machinery and other incidental charges required for successful completion of work etc., as per specifications and as per the directions of the Engineer incharge of the work</p>							
150 DIA HDPE							
Pre Measurement Sheet No 1						670.00	Rmt
TOTAL QUANTITY DONE	=					670.00	Rmt
Deduct Previous Paid Qty	=				(-)	0.00	Rmt
Now to Pay						670.00	Rmt
<p>150 mm HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to including loading and unloading at both destination and rolling, lowering into trenches, laying and jointing of pipes and specials by electrofusion welding, as per standard and guide lines including encasing the pipe around to a depth not less than 15cms with soft gravel or selected earth available from the excavation etc., complete giving hydraulic per relevant IS Specification with all lead and lift including testing and commissioning. Is exclusive of required specials and fittings etc., complete (Contractor will make his own ment for procuring water for testing)Upto 90 mm dia.Coils shall be used. with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, machinery and other incidental charges required for successful completion of work etc., as per specifications and as per the directions of the Engineer incharge of the work</p>							

Item	Unit	Nos	L	B	D	Qty	Remarks
100 DIA HDPE							
Pre Measurement Sheet No. 1						194.00	Rmt
TOTAL QUANTITY DONE	=					194.00	Rmt
Deduct Previous Paid Qty	=				(-)	0.00	Rmt
Now to Pay						194.00	Rmt
<p>HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to including loading and unloading at both destination and rolling, lowering into trenches, laying and jointing of pipes and specials by electrofusion welding, as per standard and guide lines including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete giving hydraulic as per relevant IS Specification with all lead and lift including testing and commissioning, exclusive of required specials and fittings etc., complete (Contractor will make his own for procuring water for testing) Upto 110 mm dia. Coils shall be used with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, machinery and other incidental charges required for successful completion of work etc., as per specifications and as per the directions of the Engineer incharge of the work</p>							
150 DIA HDPE							
Pre Measurement Sheet No. 1						343.00	Rmt
TOTAL QUANTITY DONE	=					343.00	Rmt
Deduct Previous Paid Qty	=				(-)	0.00	Rmt
Now to Pay						343.00	Rmt
<p>HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to including loading and unloading at both destination and rolling, lowering into trenches, laying and jointing of pipes and specials by electrofusion welding, as per standard and guide lines including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete giving hydraulic as per relevant IS Specification with all lead and lift including testing and commissioning, exclusive of required specials and fittings etc., complete (Contractor will make his own for procuring water for testing) Upto 125 mm dia. Coils shall be used with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, machinery and other incidental charges required for successful completion of work etc., as per specifications and as per the directions of the Engineer incharge of the work</p>							
200 DIA HDPE							
Pre Measurement Sheet No. 1						60.00	Rmt
TOTAL QUANTITY DONE	=					60.00	Rmt
Deduct Previous Paid Qty	=				(-)	0.00	Rmt
Now to Pay						60.00	Rmt
50mm HOLD CONNECTIONS PART - A - 589 Nos							
<p>and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing and fitting with one step solvent cement, trenching, refilling and testing of joints with all lead, lifts, unloading charges including cost and conveyance of all materials, labour, equipments, HOM of and other incidental charges required for successful completion of work etc., complete as per and as per the directions of the Engineer incharge of the work (External Work)</p>							
Chlorinated Poly Vinyl Chloride (CPVC) pipes							
TOTAL DONE	=	589.00	6.6				
Material Procured at Site						3887.40	Rmt
Now to Paid Part Rate 75%						3887.40	Rmt

Description	Unit	Nos	L	B	D	Qty	Remarks
and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per instructions of the Engineer incharge of the work							
dia PVC service saddles							
TOTAL QUANTITY DONE	=	341.00	1			341.00	Nos
Material Procured at Site						341.00	Nos
Now to Paid Part Rate 75%							
and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per instructions of the Engineer incharge of the work							
dia PVC service saddles							
TOTAL QUANTITY DONE	=	129.00	1			129.00	Nos
Material Procured at Site						129.00	Nos
Now to Paid Part Rate 75%							
and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per instructions of the Engineer incharge of the work							
dia PVC service saddles							
TOTAL QUANTITY DONE	=	65.00	1			65.00	Nos
Material Procured at Site						65.00	Nos
Now to Paid Part Rate 75%							
and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per instructions of the Engineer incharge of the work							
dia PVC service saddles							
TOTAL QUANTITY DONE	=	54.00	1			54.00	Nos
Material Procured at Site						54.00	Nos
Now to Paid Part Rate 75%							
and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per the instructions of the Engineer incharge of the work							
dia PVC reducer							
TOTAL QUANTITY DONE	=	341.00	1			341.00	Nos
Material Procured at Site						341.00	Nos
Now to Paid Part Rate 75%							

Item	Unit	Nos	L	B	D	Qty	Remarks
and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/1987 and fabricated IS 124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental required for successful completion of work etc., complete as per specifications and as per the of the Engineer incharge of the work							
dia PVC reducer							
TOTAL QUANTITY DONE	=	126.00	1			126.00	Nos
Material Procured at Site						126.00	Nos
Now to Paid Part Rate 75%							

and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated IS 124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental required for successful completion of work etc., complete as per specifications and as per the of the Engineer incharge of the work:							
dia PVC reducer							
TOTAL QUANTITY DONE	=	65.00	1			65.00	Nos
Material Procured at Site						65.00	Nos
Now to Paid Part Rate 75%							

and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated IS 124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental required for successful completion of work etc., complete as per specifications and as per the of the Engineer incharge of the work							
dia PVC reducer							
TOTAL QUANTITY DONE	=	54.00	1			54.00	Nos
Material Procured at Site						54.00	Nos
Now to Paid Part Rate 75%							

and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/ 1987 and fabricated IS 124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental required for successful completion of work etc., complete as per specifications and as per the of the Engineer incharge of the work							
dia PVC elbows							
TOTAL QUANTITY DONE	=	589.00	1			589.00	Nos
Material Procured at Site						589.00	Nos
Now to Paid Part Rate 75%							

and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/ 1987 and IS 124/ 1984 with ISI mark and with its latest amendments with all lead, lifts, loading & cost and conveyance of all materials, labour, equipments, HOM of machinery and required for successful completion of work etc., complete as per specifications and as of the Engineer incharge of the work							
TOTAL QUANTITY DONE	=	589.00	2			1178.00	Nos
Material Procured at Site						1178.00	Nos
Now to Paid Part Rate 75%							

and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/1987 and fabricated as IS 124/ 1984 with its latest amendments with all lead, lifts, loading & unloading charges cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental required for successful completion of work etc., complete as per specifications and as per the of the Engineer incharge of the work							
--	--	--	--	--	--	--	--

	Unit	Nos	L	B	D	Qty	Remarks
PVC tee							
TOTAL QUANTITY DONE	=	589.00	2			1178.00	Nos
Material Procured at Site						1178.00	Nos
How to Paid Part Rate 75%							

Delivery at site special moulded variety 25 mm dia PVC bend as per IS-7834/1987 and fabricated 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the order of the Engineer Incharge of the work

PVC bend	✓						
TOTAL QUANTITY DONE	=	589.00	2			1178.00	Nos
Material Procured at Site						1178.00	Nos
How to Paid Part Rate 75%							

STATE FOR REHABILITATION OF E.L.S.R. 50 KL CAPACITY 9.0M STAGING

Supplying RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top surface of demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height, 8 cms offset from the edge and curing for 10 days including earthwork excavation in all types of soils, with all lead, lifts, loading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per order of the Engineer in charge of the work

TOTAL QUANTITY DONE	=	589.00	1			589.00	Nos
Material Procured at Site						589.00	Nos
How to Paid Part Rate 75%							

7/4
 Assistant Executive Engineer
 ROW S & S, Sub Division Vijayapur

By *[Signature]*

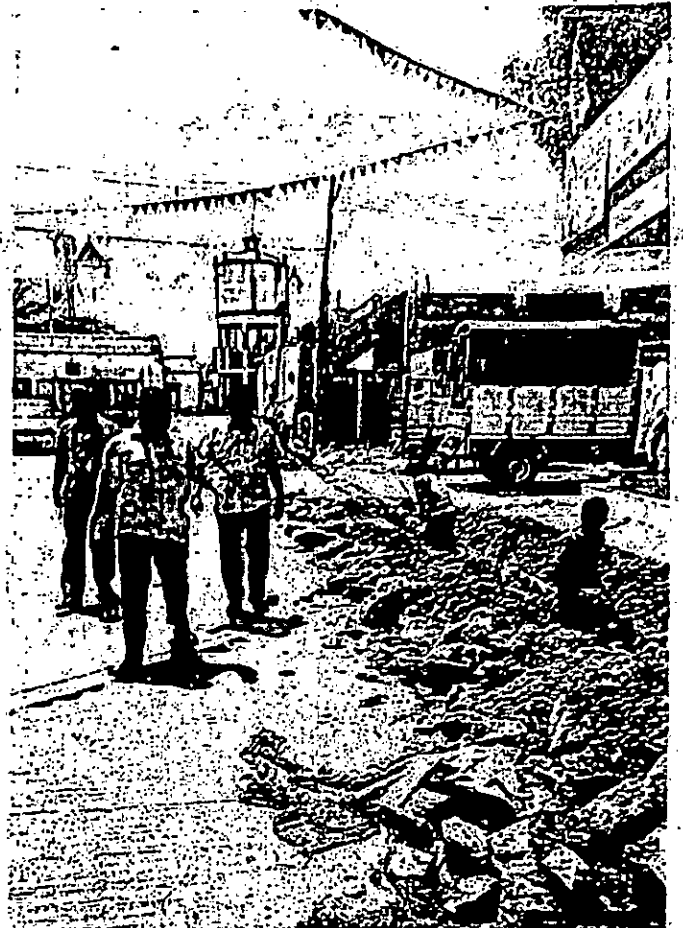
Passed for Rs: 21921007/-

By Adjustment (Deductions) 99833/-

Pay by RTGS/Rs: 20922574/-

[Signature] Accounts Supdt. *[Signature]* Executive Engineer.

Gonadal



Beal
Executive Engineers,
RDW & S. Dn., Vilayadun

GOVERNMENT OF KARNATAKA



RURAL DRINKING WATER & SANITATION DIVISION VIJAYAPUR

RURAL DRINKING WATER & SANITATION SUB DIVISION VIJAYAPUR

DETAILED PROJECT REPORT

NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT(55 LPCD)

ESTIMATED COST Rs

99,95,000/-
10760000.00

HEAD OF ACCOUNT

: JAL JEEVAN MISSION GRANT 2021-22

NAME OF VILLAGE

: KENGALAGUTTI

NAME OF PANCHAYATH

: GUNADAL

NAME OF TALUKA

: VIJAYAPUR

NAME OF DISTRICT

: VIJAYAPUR

NIKETAN ENGINEERING & PROJECTS PVT. LTD.

(CORPORATE IDENTITY No. U45201 KA2006 PTC)

Head Office #583, 3rd Cross, 10th Main, Banashankar 1st stage, 2nd Block,
Bengaluru - 560 050.

Fax: 080-26671669

PWSS SCHEME PROJECT

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 63 VILLAGES IN VIJAYAPUR DISTRICT(65 LPCD)

Head of A/C: JAL JEEVAN MISSION GRANT 2021-22

APL No:

DIVISION: VIJAYAPUR

Estimated Cost Rs:

10760000.00

SUB DIV: VIJAYAPUR

NAME OF VILLAGE: KENGALAGUTTI

NAME OF PANCHAYATH: GUNADAL

House Holds

627

NAME OF TALUKA: VIJAYAPUR

Vijayapur

NAME OF DISTRICT: VIJAYAPUR

Vijayapur

Off.: Executive Engineer

R.D.W. & S Division Vijayapur

Assistant Executive Engineer

R.D.W. & S Sub Division Vijayapur

Name of Contract:

Estimated by : Sri.

Name of Cont :

Population as per	2020 Census :	2252
Name of Habitations and population:---		
1	KENGALAGUTTI	
2		
3		
TOTAL		2252
Prospective Population		3164

Daily requirement of water

191422 LPD


Executive Engineer
R.D.W. & S. Dn., Vijayapur

**NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO
627 HOUSEHOLDS IN KENGALAGUTTI HABITATION OF KENGALAGUTTI
VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR
& OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPCD)**

FACE SHEET

1 Name of Division : R.D.W & SANITATION DIVISION VIJAYAPUR
2 Name of Sub Division : R.D.W & SANITATION SUB DIVISION
VIJAYAPUR
3 Major Head :
4 Departmental Head :
5 Service head : } JAL JEEVAN MISSION GRANT 2021-22
6 Fund Head :
7 Sub Head :

ESTIMATED COST: Rs. 1,07,60,000.00 / 99,95,000/-

Administrative Approval No & Date :
Technical Sanction No & Date :
Estimate Prepared by Shri :
Estimate Checked by Shri : **Shri. S.S. walia AL-1**

CERTIFICATE

The spot has been inspected by me and the Estimate is prepared using the sanction scheduled rates of PRED RWS SR 2019-2020 giving the most economical and safe way of executing the work.

GENERAL REPORT

The work PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPCD) is sanction under JAL JEEVAN MISSION GRANT 2021-22 and Rs. 10760000.00 has been provided as grant accordingly this estimate is prepared 99,95,000/-


Section Officer
R.D.W. & S Sub Division Vijayapur


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

ಸಾಮಾನ್ಯ ವರದಿ

ಉಳಿತಾಯ ಮಿಷನ್ ರಡಿಯಲ್ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ ಕಾಮಗಾರಿಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವ ಕುರಿತು:

ಉಳಿತಾಯ ಮಿಷನ್‌ನ ವಿಷಯಪರಂಪರೆಯ ಪ್ರತಿಗ್ರಹಣಾ ಮನೆಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನದ ಮೂಲಕ 55 ಎಲ್.ವಿ.ಸಿ.ಡಿ ಬದ್ಧವಿರುವುದು ನಿರಾಧು 2019-20 ರಿಂದ 2022-23 ಸಾಲಿನೊಳಗೆ ಒದಗಿಸಬೇಕಾಗಿದೆ. ಇದರೊಂದಿಗೆ ಸರ್ಕಾರದ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರದ ಮಹತ್ವಾಕಾಂಕ್ಷಿ ಮಿಷನ್ ಮೋಡ್ ಮತ್ತು ಕಾಲಬದ್ಧಗೊಳಿಸಬೇಕಾಗಿದೆ.

ವಿಷಯಪರಂಪರೆಯ ವಿಷಯಪರಂಪರೆಯಲ್ಲಿ ಒಟ್ಟು 107 ಗ್ರಾಮಗಳು ಹಾಗೂ 294 ಜನಾಸತಿಗಳು ಒಳಗೊಂಡಿರುತ್ತವೆ.

ಉಳಿತಾಯ ಮಿಷನ್ ರಡಿಯಲ್ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ ಕಾಮಗಾರಿಯನ್ನು **KENGALAGUTTI** ಗ್ರಾಮದ **KENGALAGUTTI** ಜನಾಸತಿಯಲ್ಲಿ ಕೆಲವೊಂದರಲ್ಲಿ ಕೈಗೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಈ ಜನಾಸತಿಯಲ್ಲಿ 2252 ಜನಸಂಖ್ಯೆಯಿದ್ದು, 627 ವೈಯಕ್ತಿಕ ಮನೆಗಳಿರುತ್ತವೆ (House Holds) ಈ ಮನೆಗಳ ಪೈಕಿ 21 ಮನೆಗಳಿಗೆ ಈಗಾಗಲೇ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ (FHTC) ಕಲ್ಪಿಸಲಾಗಿದೆ. ಹಾಗೂ ಇನ್ನೂಳಿದ 600 ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ (FHTC) ಕಲ್ಪಿಸಬೇಕಾಗಿದೆ. ಇನ್ನೂ 2021-22 ನೇ ಸಾಲಿನಲ್ಲಿ 600 (House Holds) ಒದಗಿಸಲು ಈ ಅಂದಾಜು ಪತ್ರಿಕೆಯನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

ಈ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ (ಈಗಾಗಲೇ) ಕಲ್ಪಿಸುವುದರೊಂದಿಗೆ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ (In village infrastructure) ಗಳನ್ನು ಸಹ ಒದಗಿಸುವುದು ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ.

ಈ ಉಳಿತಾಯ ಮಿಷನ್‌ನಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳಿಸಬೇಕಾದ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ (FHTC) ಕಲ್ಪಿಸುವ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಲ್ಲಿ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿರುತ್ತದೆ.

ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ (In village infrastructure) ಗಳಿಗೆ Rising Main/ Distribution Line HDPE Pipe ನ್ನು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನಗಾಗಿ ಪಾಟರ್ ಮಿಷನ್, ಟ್ಯಾನ್ಕ್‌ಗಳನ್ನು ಅದರ ಪರಿಕರಗಳನ್ನು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಉಳಿತಾಯ ಮಿಷನ್‌ನಲ್ಲಿ ಅನುಷ್ಠಾನಗೊಳಿಸಬೇಕಾದ ಕಾರ್ಯಾತ್ಮಕ ನಳ ಸಂವಹನ (FHTC) ಕಲ್ಪಿಸುವ ಅಂದಾಜು ಪತ್ರಿಕೆಗಳಲ್ಲಿ (Implementation of in village infrastructure ಮತ್ತು FHTC) ವಿನ್ಯಾಸದೊಳಗಿನ ವರದಿ DSR ಈ ವರದಿಯಲ್ಲಿ DSR ತಯಾರಿಸಿ ವೆಬ್, ಮೂಲಕ ವ್ಯಕ್ತ ಪರಿಶೀಲನಾ ಬಿಲ್ಡ್ ವೆಬ್‌ನನ್ನು ಸೇರಿಸಲಾಗಿದೆ.

ಅಂದಾಜಿನ ಅನುದಾನ ವಿವರ

1) ಬಿಡಿ ಅನುದಾನ	=	1
2) ಸಮುದಾಯ ಅನುದಾನ	=	2
3) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
4) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
5) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
6) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
7) ಸರ್ಕಾರಿ ಅನುದಾನ	=	2
8) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
9) ಸಮುದಾಯ ಅನುದಾನ	=	5
10) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
11) ಸರ್ಕಾರಿ ಅನುದಾನ	=	2
12) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
13) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
14) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
15) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1
16) ಸರ್ಕಾರಿ ಅನುದಾನ	=	1

ಈ ಅಂದಾಜಿನ ಅನುದಾನದ ಹಂಚಿಕೆ ಈ ರೀತಿ ಮಾಡಲಾಗಿದೆ.

ಕ್ರ.ಸಂ.	ಅನುದಾನ	ಅನುದಾನ	ವಿವರ
1	ಬಿಡಿ ಅನುದಾನ	₹. 90	ಗರಿಷ್ಠ 45.0% 45.0% (ಕೇಂದ್ರ ಸರ್ಕಾರದಿಂದ) ಗ್ರಾಮೀಣತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಮತ್ತು ಸ್ವಯಂ ಸಹಾಯದ ಮೂಲಕ ಮಾಡಲಾಗುವುದು.
2	ಸಮುದಾಯ ಅನುದಾನ	₹. 5	ಗ್ರಾಮ ಪಂಚಾಯತಿಯು ಸರ್ಕಾರದಿಂದ ಗ್ರಾಮೀಣತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಮತ್ತು ಸ್ವಯಂ ಸಹಾಯದ ಮೂಲಕ ಮಾಡಲಾಗುವುದು. ಹಾಗೂ ಬಿಡಿ ಅನುದಾನದ ಮೂಲಕ ಸರ್ಕಾರದಿಂದ ಸಹಾಯ ಮಾಡಲಾಗುವುದು.
3	15ನೇ ಹಂತದ ಮತ್ತು ಅನುದಾನ	₹. 5	ಪಂಚಾಯತಿಯು ಸರ್ಕಾರದಿಂದ ಕೇಂದ್ರ ಸರ್ಕಾರದಿಂದ ನೀಡಲಾಗುವುದು ಈ ಅನುದಾನವನ್ನು ಗ್ರಾಮೀಣತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಮತ್ತು ಸ್ವಯಂ ಸಹಾಯದ ಮೂಲಕ ಮಾಡಲಾಗುವುದು.

ಸದರ ಅಂದಾಜು ಪರಿಶೀಲಿಸಿ ಮಾನ್ಯ ಅಧಿಕಾರಿಯವರು, ಗ್ರಾ. ಪಂ. ಸಿ. & ಸ್ವ. ವೃತ್ತ ಬೆಳಗಾವಿ ಅನುದಾನ ಮತ್ತು ಸಂ. 2020-21/311 ದಿನಾಂಕ 10.07.2021 ರಂದು ಸೂಚಿಸಿದ ಅಂದಾಜನ್ನು ಅನುಸರಿಸಿ ತಯಾರಿಸಿ ಸಲ್ಲಿಸಲಾಗಿದೆ. ಸದರ ಅಂದಾಜು ಪರಿಶೀಲಿಸಿ ಆದೇಶವನ್ನು ಅನುಸರಿಸಿದ ಮತ್ತು ಅಂತಿಮ ಮಂಜೂರಾತಿಗಾಗಿ ಸಲ್ಲಿಸಿದ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ಗ್ರಾಮೀಣತೆಯನ್ನು ಹೆಚ್ಚಿಸಲು ಮತ್ತು ಸ್ವಯಂ ಸಹಾಯದ ಮೂಲಕ ಮಾಡಲಾಗುವುದು. 2019-20ನೇ ಸಾಲಿನ ಈ ಅನುದಾನವನ್ನು ಅನುಸರಿಸಿ ತಯಾರಿಸಲಾಗಿದೆ.

Section Officer

ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಹಣಾಧಿಕಾರಿಯವರು,
ಗ್ರಾ.ಪಂ.ಸಿ.&ಸ್ವ. ಉಪ ವಿಭಾಗ ಬಿಜಯಪುರ

PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUFTI HABITATION OF KENGALAGUFTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (SS I.PCD)

ABSTRACT

PART - A

1	ESTIMATE OF PROP. OVER HEAD TANK - 50 RL 7.5mtr dia	Rs.	1240000.00
2	ESTIMATE FOR REHABILITATION OF OVERHEAD TANK - 50 RL 7.5mtr dia	Rs.	230000.00
3	COST OF PROVIDING AND INSTALING OF BULK METER WITH CHAMBERS 2 No.	Rs.	105000.00
4	Lumpsum provision made for fixing the HM LOGO for demarcation stones, WPP & ELSR.	Rs.	25000.00
	TOTAL	Rs.	1600000.00
	ADD 12% FOR GST	Rs.	192000.00
	ADD FOR ROUNDING OFF		0.00
	TOTAL ESTIMATED COST OF PART - A	Rs.	1792000.00
	PER CAPITA/HOUSEHOLD	Rs.	2858.05

PART - B

	SOURCE		EXISTING
5	DISTRIBUTION PIPELINE 5176.00 Mtrs	Rs.	2871604.50
6	HOUSE TAP CONNECTIONS 600 No's (612+15)	Rs.	3398063.00
7	RETROFITTING FOR EXISTING HOUSEHOLD CONNECTIONS 27 Nos	Rs.	152788.75
	TOTAL	Rs.	6422453.25
	ADD 12% FOR GST	Rs.	770694.39
	ADD FOR ROUNDING OFF		852.36
	TOTAL ESTIMATED COST OF PART - B	Rs.	7194000.00
	PER CAPITA/HOUSEHOLD	Rs.	11473.68
	TOTAL ESTIMATED COST OF PART - A & B	Rs.	8986000.00
	CONTINGENCY 10%	Rs.	898600.00
8	THIRD PARTY INSPECTION CHARGES (Including 10% GST) 0.50%Rs.	Rs.	42444.60
9	PREPARTIN OP IASR, CONTINGENCY, ETC (Including 10% GST) 0.78%Rs.	Rs.	66213.50
	ADD FOR ROUNDING OFF	Rs.	1741.82
	GRAND TOTAL ESTIMATED COST	Rs.	9995000.00
	SAY		99.95 LAKHS

Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Executive Engineer
R.D.W. & S Division Vijayapur

Technically Sanctioned for Rs: 99.95 lacs

In words: Rupees Ninety Nine lacs

and Ninety Five thousand only

under No. Jm/2215

& Dn. 66/2021-22

JET/AE:

Executive Engineer,
R.D.W. & S. Dept., Vijaypur Division,
Vijaypur.

NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPC.D)

DETAILED ESTIMATE FOR DISTRIBUTION SYSTEM

Sl. No	DESCRIPTION OF ITEMS	No	I	B	D	QTTY	UNIT	RATE	AMOUNT
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1 Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.22.1, 2.22.2 & 2.22.3]

Concrete Roads	1	1906.00	0.60	0.9	1029.24	Cum		
Asphalt Roads	1	1364.00	0.60	0.9	736.56	Cum		
Other Roads	1	1906.00	0.60	0.9	1029.24	Cum		

Deduct Qty of Road Cutting as per Item No.3

					2795.04			
					838.51			
30%								
a) In Ordinary Soil			30%		251.55	Cum	262.00	65906.00
b) In Hard Soil			35%		293.46	Cum	262.00	76892.00
c) In Ordinary rock without blasting			35%		293.46	Cum	592.00	173740.00

2 Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm where necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work. in the following strata classifications by Mechanical Means [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.23.1 & 2.23.2]

					1956.53			
a) In Ordinary Soil			30%		586.96	Cum	130.00	76305.00
b) In Hard Soil			35%		684.79	Cum	130.00	89023.00
c) In Ordinary Rock (not requiring blasting)			35%		684.79	Cum	174.00	119153.00

3 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.26]

Cutting Macadam Road Surface	1	1906.00	0.60	0.25	285.90	Cum	346.00	98921.00
Cutting Asphalt Road Surface	1	0.00	0.60	0.27	0.00	Cum	542.00	0.00
Cutting in Cement Concrete Road Surface	1	1906.00	0.60	0.15	171.54	Cum	1106.00	189723.00
Total Qty					457.44	Cum		

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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4 Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 110mm dia. Coils shall be used. [RDW&S BGM SR 2019-20 Chapter No: 10 Item No: 10.20.2] PE100 (PN 6.0 /6Kg / cm2)

ZONE-I	63 mm	75 mm	90 mm	110 mm	125 mm	140 mm	160 mm	200 mm
	3013.00	1828.00	121.00	214.00	0.00	0.00	0.00	0.00
	Rmt	Rmt	Rmt	Rmt	Rmt	Rmt	Rmt	Rmt
	130.00	162.00	210.00	288.00	358.00	451.00	556.00	836.00
	391690.00	296136.00	25410.00	61632.00	0.00	0.00	0.00	0.00

5 Providing 80 mm dia Sluice valve/ scour valve conforming to IS-1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc complete. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.59.1, 15.59.2, 15.59.3, 15.59.4]

Sluice valve	80 mm dia	100 mm dia	125 mm dia	150 mm dia
	9.00	0.00	0.00	0.00
	Nos	Nos	Nos	Nos
	2900.00	3800.00	4200.00	4900.00
scour valve	80 mm dia	4.00		
	Nos	2900.00		
		26100.00	0.00	0.00
			0.00	0.00
				11600.00

6 Supplying and fixing of fixed height surface box H-4057 MD-KU with PP-40% GF Lid Housing of PA+, Locking clip of PP with Notched bolt M 12 x 130 hexagon head A2-70 for service connection valves, design derived from DIN 4057. Should be supplied with support tile I (FSL, FSS, SI) Should be able to receive class AA traffic loads (KUWS&DB SR 2018-19, Item no. - 20, Page no. - 41)

13 Nos	13.00	Nos	2735.00	35555.00
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7 KSRRB M400 -17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site. Laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications, MORTH Specification No.406 [PWD BGM SR 2018-19, Item No: 20.18, Page -155]

1	0.00	0.60	0.20	0.00	Cum	1826.00	0.00
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8 Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HDM, of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.04]

1	1906.00	0.60	0.15	171.54	Cum	5525.00	947758.50
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Sl. No	DESCRIPTION OF ITEMS	No.	L	B	D	QTTY	UNIT	RATE	AMOUNT
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9 Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller) Note: Add Rs: 203.00 / cum for earth obtained from borrow pits. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.25]

Qty as per Item No. 1 838.51

Qty as per Item No. 2

Volume of laid pipe line 22.87

Refilling Qty: 815.64 Cum 103.00

~~84011.00~~

10 Labour charges for attending to repairs to the PVC pipes by earth work excavation cutting the old pipe installation and jointing of new pipe to the existing old pipe to the depth and line, level and perfect linking at joints including cast of labour, hire charges of equipment refilling the excavated trenches compacting, finishing neatly by giving satisfactory hydraulic test etc., complete encasing the pipes around to a depth of not less than 15cms with earth available and refilling the excavated trenches giving satisfactory hydraulic test etc., complete
a) 63mm(0.075) to 200mm
(0.500)


1 518

Rmtr 197.00

102046.00

Total

2871601.50


Section Officer
R.D.W. & S Sub Division Vijayapur


~~Assistant Executive Engineer~~
R.D.W. & S Sub Division Vijayapur

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGITTI HABITATION OF KENGALAGITTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (SR LPCD)

PART - A
DETAILED ESTIMATE FOR HOUSE HOLD CONNECTIONS

No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
	1 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2, Item No: 2.76]								
	Cutting Macadam Road Surface	221	2.50	0.60	0.15	49.72	Cum	346.00	17203.00
	Cutting Asphalt Road Surface	150	2.50	0.60	0.27	64.01	Cum	542.00	34693.00
	Cutting in Cement Concrete Road Surface	221	2.50	0.60	0.15	49.72	Cum	1106.00	54990.00
	2 Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) [SR 2018-19 of PW, P.JWT, DEPT Page No: 99 Item No: 13.87, 13.87.1]								
	15 MM Dia Nominal OD Pipes	600	6.60			3960.00	Rmt	126.00	498960.00
	3 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.50]								
	63 mm dia	349	1.00			349.00	No	90.00	31410.00
	75 mm dia	212	1.00			212.00	No	120.00	25440.00
	90 mm dia	14	1.00			14.00	No	160.00	2240.00
	110 mm dia	25	1.00			25.00	No	190.00	4750.00
	4 Supply and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.47]								
	63 mm dia	349	1.00			349.00	No	140.00	48860.00
	75 mm dia	212	1.00			212.00	No	150.00	31800.00
	90 mm dia	14	1.00			14.00	No	195.00	2730.00
	110 mm dia	25	1.00			25.00	No	195.00	4875.00
	5 Supply and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.43]								
	15mm	600	1.00			600.00	No	35.00	21000.00
	6 Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark and with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.42]								
		600	2.00			1200.00	No	15.00	18000.00
	7 Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.44]								
		600	2.00			1200.00	No	30.00	36000.00

S. No.	DESCRIPTION OF ITEMS	No	L	B	D	QTY	UNIT	RATE	AMOUNT
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9 Supply and delivery at site special moulded variety 25 mm dia PVC bend as per IS 2014/1987 and fabricated as per IS 1614/1984 with ISI mark with its latest amendments (RDW&S BGM SR 2019-20 Chapter No-15 Item No. 15.45)

600 2.00 1200.00 No 40.00 48000.00

9 KSRRI3-6.1.1 Providing and fixing in position brass ball cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No K&S 13.2.2/13.3 [PWD BGM SR 2018-19 Page No. 93 Item No. 13.23]

15mm 600 1.00 600.00 No 190.00 114000.00

10 KSRRI3-4.3.1 Providing and fixing Flow control valve using food grade materials SS 316 ball/1/2" (15mm) including cost of all materials, labour charges, HOM and testing complete as per of following specification. The FCV normal design is for 5LIT/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7LIT/min at 1 bar or more pressure. MOC of valve-Food grade stainless steel SS 316 MOC of ball: stainless steel 316. flow direction arrow embossed on its outside surface the valve should act as flow control Valve and non return valve. Minimum operating pressure-0.1kgf (10cm head). Designed pressure: 1meter to 50 meters. Accuracy of valve >20% of average flow rate. Orifice size not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length: not be less than 70mm.

600 1.00 600.00 No 255.00 153000.00

11 Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for veranda and stairups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height 8 cms offset around the stone and curing for 10 days including earthwork excavation in all types of soils with all leads and lift (SR 2018-19 of KUWS & DB Page No. 42 Item No. 24)

600 1.00 600.00 No 440.00 264000.00

12 Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification, complete as per specifications. RWS SR BGM 2019-20, ITEM NO 24.7

600 0.50 0.90 300.00 sqm 82.00 24600.00

13 Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification i) english and roman hyphen and the like not to be measured and paid for morth specification no B01 with black japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITEM NO 24.10

600 98 57600 cm 0.78 40320.00

14 KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406 [PWD BGM SR 2018-19, Item No: 20.18, Page - 155]

379 2.5 0.60 0.20 113.7 Cum 1826.00 207616.20

15 Providing and laying in position plain cement concrete of grade M:15 with OPC cement @ 240kgs with 40mm and down size graded granite metal coarse aggregates @ 0.87Bcum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.01]

379 2.50 0.60 0.15 85.28 Cum 5525.00 471172.00

For Platform

600 1.20 0.60 0.15 64.80 Cum 5525.00 358020.00

DESCRIPTION OF ITEMS	No	QTY	UNIT	RATE	AMOUNT
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11. KCRB 13.5. Providing and fixing water meter with stop cock, top out, socket in G.I. pipe line including cutting and threading the pipe and making long service including cost of all materials, labour, HBM of equipments and loss No. 14.73

600 1.00 600.00 Nos 1120.00 792000.00

Supply and fixing of HDPE water meter box to protect the water meter of class 'D' multi jet type of size 15 to 25mm including HDPE box with base dia 300mm x hd dia 200mm x height 250mm with openable lid and the cover filling for 100mm thick over which the cover is placed and enclosed by P.C.C. 1:2:4 using 12 to 20mm SD jolly for all lead and lifts etc complete as per drawing enclosed [KUIWB RR 2018-19 P. 69 Item No: 55]

600 1.00 600.00 Nos 500.00 300000.00

Total

1605679.20
3398063.00

Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

**NAME OF WORK - PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 627 HOUSEHOLDS IN KENGALAGUTTI
HABITATION OF KENGALAGUTTI VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER
53 VILLAGES IN VIJAYAPUR DISTRICT (58 I.P.C.)**

**PART - A
DETAILED ESTIMATE FOR RETROFITTING CONNECTIONS.**

Sl. No.	DESCRIPTION OF ITEMS	No.	L	B	D	QTTY	UNIT	RATE	AMOUNT
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1 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.2a]

10	Cutting Macadam Road Surface	10	2.50	0.60	0.15	2.25	Cum	346.00	779.00
7	Cutting Asphalt Road Surface	7	2.50	0.60	0.27	2.04	Cum	542.00	1539.00
10	Cutting In Cement Concrete Road Surface	10	2.50	0.60	0.15	2.25	Cum	1106.00	2489.00

2 Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) [SR 2018-19 of PW, P.IWT, DEPT Page No: 99 Item No: 13.87, 13.87.1]

27	15 MM Dia Nominal OD Pipes	27	6.60			178.20	Run	126.00	22453.00
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3 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.50]

16	63 mm dia	16	1.00			16.00	No	90.00	1440.00
9	75 mm dia	9	1.00			9.00	No	120.00	1080.00
1	90 mm dia	1	1.00			1.00	No	160.00	160.00
1	110 mm dia	1	1.00			1.00	No	195.00	195.00

4 Supply and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.47]

16	63 mm dia	16	1.00			16.00	No	140.00	2240.00
9	75 mm dia	9	1.00			9.00	No	150.00	1350.00
1	90 mm dia	1	1.00			1.00	No	195.00	195.00
1	110 mm dia	1	1.00			1.00	No	195.00	195.00

5 Supply and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.43]

27	15mm	27	1.00			27.00	No	35.00	945.00
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6 Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark and with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.42]

27	2.00					54.00	No	15.00	810.00
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7 Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.44]

27	2.00					54.00	No	30.00	1620.00
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Sl. No.	DESCRIPTION OF ITEMS	No.	L.	B.	D.	QTY.	UNIT	RATE	AMOUNT
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9. Supply and delivery at site special moulded variety 25 mm dia PVC friend as per IS 7034/1987 and fabricated as per IS 1247-1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: (S.45)]

27 2.00 54.00 No 40.00 2160.00

10. KSRB13-6-1-1: Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KRS 13.2.2 / 13.9 [PWD BGM SR 2018-19 Page No: 93 Item No: 13.23]

15mm 27 1.00 27.00 No 190.00 5130.00

10. KSRB13-6-3-1: Providing and fixing Flow control valve using food grade materials SS 316 ball/1/2"(15mm) including cost of all materials,labour charges, HOM and testing complete as per of following specification. The FCV normal design is for 5Lit/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7Lit/min at 1 bar or more pressure. MOC of valve: Food grade stainless steel SS 316 MOC of ball: stainless steel 316. flow direction arrow embossed on its outside surface the valve should act as flow control Valve and non return valve. Minimum operating pressure-0.1kgf (10cm head). Designed pressure: 1meter to 50 meters. Accuracy of valve: +20% of average flow rate. Orifice size not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length: not be less than 70mm.

27 1.00 27.00 No 255.00 6885.00

11. Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for veroids and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height, 8 cms offset around the stone and curing for 10 dyas including earthwork excavation in all types of soils with all leads and IR[SR-2018-19 of KUWS & DB Page No: 42 Item No: 24]

27 1.00 27.00 No 440.00 11880.00

12. Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification complete as per specifications.RWS SR BGM 2019-20, ITEM NO 24.7.

27 0.50 0.90 1215 sqm 82.00 996.00

13. Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification ii) english and roman hypben and the like not to be measured and paid for morth specification no 801 with black Japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITEM NO 24.10

27 06 2592 cm 0.70 1814.00

14. KSRB M400 - 17: Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH Specification No.406 [PWD BGM SR 2018-19, Item No: 20.18, Page: 196]

17 2.5 0.6 0.2 5.1 Cum 1828.00 9312.00

15. Providing and laying in position plain cement concrete of grade M 15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery,curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.01]

17 2.50 0.60 0.15 3.83 Cum 5525.00 21160.75

For Platform 27 1.20 0.60 0.15 2.92 Cum 5525.00 16133.00

S No	DESCRIPTION OF ITEMS	No	L	R	D	QTY	UNIT	RATE	AMOUNT
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16. ASRR13.5 Providing and fixing water meter with stop rock, jam nut, wicket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, H.O.M of equipments and testing complete as per specifications. Specification No.KNS 13.2.19 / 13.16 [PWD BGM SR 2018-19 Page No: 96 Item No: 13.22]

27 1.00 27.00 No 1320.00 35640.00

17. Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mmx lid dia 200mmx height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KUWS SR 2018-19 P-69 Item No: 55]

27 1.00 27.00 Nos 500.00 13500.00

Total

162101.35

152788.75

Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

DETAILED ESTIMATE FOR CONSTRUCTION OF E.L.S.R - 60 KL CAPACITY

Staging height - 7.6 Mtr.

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
1	Earthwork in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. Specification (RWS page no 8, 1 no 2.01) and 2.02 (RWS, BGM, SR, 2019-20, Item-2.01, Page - 8)								
		Cum	1	3.141x5.05	1.35	2.50	53.54		
	Ordinary/Hard soil (40%)	Cum	1				21.416	52.00	1113.63
	Soft Rock (40%)	Cum	1				21.416	67.00	1434.87
	Hard Rock (20%)	Cum	1				10.708	741.00	7934.63
2	Providing and laying granite or basalt or trap jelly cement concrete using 40mm and down size jelly for foundation laid in 15cms thick layers and well compacted including machine mixing, curing etc., complete as per specifications. Cement Concrete M10. (RWS, BGM, SR, 2019-20, Item-4.02, Page-22)								
		Cum	1	3.141x5.05	1.35	0.15	3.21	5141.00	16503.00
3	Providing and laying machine mixed C.C. of M-30 Grade using clean graded granite or trap or basalt jelly of approved quality jelly of 20mm and downsize, in layers of not more than 15 cms thick, well consolidation including centering, form work, vibrating, curing, smooth finishing to the required plumb and face in CM 1:3 proportion wherever necessary etc., complete for R.C.C rafts, Raft ring beam, Column footing, Columns below ground level (exclusive of cost of steel and fabrication charges). (RWS, BGM, SR, 2019-20, Item-4.44, Page-30)								
	Raft slab	Cum	1	3.141x5.05	1.05	0.25	4.16		
	Ring beam (balance portion)	Cum	1	3.141x5.05	0.35	0.25	1.39		
	Column below GL	Cum	6	0.30	0.30	1.25	0.68		
							6.23	7187.00	44776.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
4	Providing and laying machine mixed C.C. of M-30 Grade using clean graded granite or trap or basalt jelly of approved quality jelly of 20mm and downsize, in layers of not more than 15 cms thick, well consolidated including centering, form work, vibrating, curing, scaffolding, smooth finishing to the required plumb and face in CM 1:3 proportion as per design and specification for staging, columns and braces above ground level (exclusive of cost of steel and fabrication charges). (RWS, BGM, SR, 2019-20, Item- 4.48.2 Page-32)								
	Columns	Cum	6	0.30	0.30	7.50	4.05		
	Bracing beam	Cum	18	2.31	0.26	0.375	4.05		
	Haunches	Cum	72	0.075	0.15	0.210	0.17		
							8.27	12507.00	103433.00
5	Providing and laying machine mixed C.C. of M-30 Grade using clean graded granite or trap or basalt jelly of approved quality jelly of 20mm and downsize, in layers of not more than 15 cms thick, well consolidated including centering, form work, vibrating, curing, scaffolding, smooth finishing to the required plumb and face in CM 1:3 proportion as per design and specification and giving satisfactory water proof test including construction joints wherever necessary as per directions of Departmental officers complete for ring beam, side walls, bottom dome or bottom slab, shell portion and bottom ribs (exclusive of cost of steel and fabrication charges and jointing materials). (RWS, BGM, SR, 2019-20, Item- 4.52.2, Page-34)								
	Bottom Ring beam	Cum	1	3.141x5.05	0.30	0.45	2.14		
	Bottom slab	Cum	1	$3.142 \times (4.85)^2 / 4$		0.350	6.07		
	Fillet	Cum	1	3.141x5.0x0.5x0.15	0.15		1.18		
	Walkway	Cum	1	3.141x5.95	0.65	0.125	1.62		
	Cylindrical wall	Cum	1	3.141x5.15	0.15	2.65	6.43		
							17.34	17772.00	308167.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
6	Providing and laying machine mixed R.C.C. of M-30 Grade using clean graded granite or trap or basalt jelly of approved quality, jelly of 20mm and downsize using approved mix design laid in layers of not more than 15 cms thick, well consolidated including centering, form work, vibrating, curing, scaffolding, smooth finishing to the required plumb and face in CM 1:3 proportion as per design and specification etc. complete for top rib and top dome or top slab. (exclusive of cost of steel and fabrication charges). (RWS, BGM, SR, 2019-20, Item- 4.66.2, Page-36)								
	Top dome	Cum	2	3.141x3.63	1.00	0.100	2.28		
	Top ring beam:	Cum	1	3.141x5.20	0.20	0.20	0.65		
	Crown beam	Cum	1	3.141x0.75	0.15	0.15	0.05		
	Landing beam	Cum	3	0.8	0.28	0.375	0.28		
	Landing slab	Cum	3	0.8	0.90	0.150	0.36		
	Deductions						3.60		
	Manhole	Cum	1	0.60	0.90	0.100	0.04		
	Ventilator	Cum	0.766	0.60	0.60	0.100	0.03		
							0.07		
							3.53	13201.00	46800.00
7	Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastages shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (RWS, BGM, SR, 2019-20, Item- 4.58, Page-37)								
8	Providing and fixing anodised aluminium ladder using 65mm x 32mm x 30mm 'C' section channels and 25mm dia fluted pipe at 25cm centre to centre ladder fixed at an angle of 70 degree to horizontal including all necessary struts to prevent buckling of the ladder including fixing ladder in CC 1:2:4 proportion of size 0.40 x 0.25 x 0.10 m as directed etc. complete. (RWS, BGM, SR, 2019-20, Item- 4.63, Page-38)	Kg	1	150	35.37		5308.00	70.31	373065.00
		Rmt	1	3.80			3.80	3099.00	11777.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
9	Providing and constructing RCC hexagonal ventilator finial for R.C.C. overhead tanks with O.C. 1:2:4 proportion using 20mm and down size granite or trap or basalt jelly with reinforcement using 8mm dia M.S. rods 4 nos for each of the pillar, pathways for full width of dome at 12mm centre to centre with opening of 0.80m x 0.80m size provided with 25mm x 25mm x 5mm M.S. frame welded with diamond mesh to its full width and depth fully covered with aluminium mosquito mesh finished smooth with CM 1:3 proportion to required shape and size and ornamental finish including two coats of anticorrosive paint for frame and mesh and two coats of cement painting matching to over head tank etc. complete. (RWS, BGM, SR, 2019-20, Item- 4.65, Page-39)	Each	1	-	-	-	1	5687.00	5687.00
10	Providing and fixing 60cms x 60cms size M.S. inspection door with necessary M.S. frame made out of M.S. angle of 50mm x 50mm x 6mm and M.S. shutter of 3mm thickness with hinges on top and locking arrangements, painting etc., complete for RCC Over head tanks & GLSR. (RWS, BGM, SR, 2019-20, Item-4.66, Page-39)	Each	1	-	-	-	1	1818.00	1818.00
11	Providing and fixing enamelled gauge plate 3mm thick 2.50 meter high and 0.23m wide with plastic float and plastic indicator and flexible nylon wire, painting figures with approved enamel paint etc., complete to the required height. (RWS, BGM, SR, 2019-20, Item-4.67, Page-39) Rs 3382.00/Each Note: For every additional 0.5 mts or part thereof add Rs 181.00	Each	1	-	-	-	1	3563.00	3563.00

Sr. No.	Description	Unit	No.	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
1)	Subsoiling laying of CI flanged pipe line for line/hoisting of CI flanged pipe conforming to IS 7181-1988 with latest ammendements in position and aligning to correct plumb including cost of jointing material conveying to work spot with all lead and lifts etc. complete [RDWS BGM SR 2019-20 Chapter No. 2 Item No. 2.25]								
i)	CI flanged pipes for inlet for outlet for over flow & for scour								
a)	80 mm dia (Inlet Pipe) 1m length pipes.	No	16				16	1968.00	31488.00
b)	80 mm dia (Overflow) 1m length pipes.	No	16				16	1968.00	31488.00
c)	80 mm dia (Outlet) 1m length pipes.	No	13				13	1968.00	25584.00
d)	80 mm dia (Scour) 1m length pipes.	No	13				13	1968.00	25584.00
ii)	CI Puddle flanges KUWS SR 2018 19 P NO.78, ITEM NO 14.1								
a)	80 mm dia 1m length pipes.	No	4				4	2647.00	10588.00
iii)	CI Duck foot bends RWS SR 19-20 P-317 I-15.58								
a)	80 mm dia (Inlet Pipe) 1m length pipes.	No	4				4	350.00	1400.00
iv)	Bell mouth RWS SR 19-20 P-317 I-15.57								
a)	80 mm dia (Inlet, Overflow) Double Flanged bends: RWS SR 19-20 P-318 I-15.62	No	2				2	320.00	640.00
v)	80 mm dia (Inlet Pipe) 1m length pipes.	No	4				4	550.00	2200.00

Sl No	Description	Unit	No.	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
12	Supplying, laying of CI flanged pipe (rue to line/hoisting of CI flanged pipe conforming to IS 7181:1988 with latest ammendements in position and aligning to correct plumb including cost of jointing material conveying to work spot with all lead and lifts etc. complete [RDW&S BGM SR 2019-20 Chapter No. 2 Item No. 2.25]								
	i) C.I. flanged pipes for inlet for outlet for over flow & for scour.								
	a) 80 mm dia (Inlet Pipe) 1m length pipes	No	16				16	1968 00	31488 00
	b) 80 mm dia (Overflow) 1m length pipes	No	16				16	1968 00	31488 00
	c) 80 mm dia (Outlet) 1m length pipes	No	13				13	1968 00	25584 00
	d) 80 mm dia (Scour) 1m length pipes	No	13				13	1968 00	25584 00
	ii) C.I Puddle flanges KUWS SR 2018 19 P NO 76. ITEM NO 14.1								
	a) 80 mm dia 1m length pipes	No	4				4	2647 00	10588 00
	iii) C.I Duck foot bands RWS SR 19-20 P-317 I-15.58								
	a) 80 mm dia (Inlet Pipe) 1m length pipes	No	4				4	350 00	1400 00
	iv) Bell mouth RWS SR 19-20 P-317 I-15.57								
	80 mm dia (Inlet, Overflow) Double Flanged bands KUWS SR 19-20 P-318 I-15.82	No	2				2	320 00	640 00
	v) 80 mm dia (Inlet Pipe) 1m length pipes	No	4				4	550 00	2200 00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
vi)	CI Sluice valve of dimension as per sketch enclosed and specification conforming to IS: 14840:2000, (RWS, SR, BGM, 2019-20, Page-317)	No	4				4	2800.00	11600.00
vii)	Providing nuts and bolts for jointing the pipes. (RWS, SR, BGM, 2019-20, Page-XXXII, Sl. No. 414)	Kg	120.0				120.0	71.19	8543.00
viii)	Providing rubber washers for jointing the pipes	Kg	15.0				15.0	64.00	960.00
13	Providing two coats of water proof cement painting of approved colour and shade over one coat of primer including curing, etc. complete for RCC over head tanks. (RWS, BGM, SR, 2019-20, Item-4.14, Page-39)								
	Top Dome out side	Sqm	2	3.142	3.63	1.00	22.81		
	Finial column	Sqm	4	4	0.15	0.60	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		7.50	54.00		
	Bracings	Sqm	18	2.31	1.27		62.81		
	walkway slab	Sqm	2	3.142X5.95	0.80		22.49		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.38		
						Net	238.61	213.00	50185.00
14	Providing and fixing copper lightning arrestor with five spikes and 20mm dia copper tube of suitable length and aluminium strap of 25mm x 3mm including grounding as per KPTCL specification. The aluminium strip is to be encased in G.I conduit of 40mm dia 6m long pipe, suitably jointed by collars with all specials fixed to one of the columns etc. complete upto 6m staging. (RWS, BGM, SR, 2019-20, Item-4.72, Page-40) Rs.8645.00/Each. Note: Add Rs. 698.00 for every additional meter.	Nos	1				1	11041.00	11041.00
15	Providing and fixing GI pipe railing 32 mm dia GI pipe 'B' Class in two rows on roof dome, flat slab or landings of elevated storage reservoir including cutting, welding, threading, painting, embedding in cement concrete pillars with all lead lifts etc. complete. (RWS, BGM, SR, 2019-20, Item no-4.64, Page-38)	Rmt	1	3.142	6.60		20.74		

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
		Rmt	1	3.142	5.30		18.85		
		Rmt	3	1.8			5.40		
							Total	43.00	679.00
16	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, consolidation in layers of 15cm thick including disposing of the surplus earth with a lead of 200 Mtrs. (RDW&S BGM SR 2019-20 Chapter No: 2 Item No 2.25)								29167.00
	Total excavated quantity	Cum	1		53.54				
	Total concrete quantity below GL	Cum	1		9.44				
	Balance quantity	Cum	1		44.10			103.00	4542.30
17	Painting letters with black paint including scaffolding wherever necessary, 23 cms size (PWD SR BGM 2019-20, ITEM NO 24.10 P. 181)	Nos	100						
18	Construction of valve chambers (As per sub estimate)	Nos	4				100	0.70	70.00
	Providing and fixing M.S. ladder between landing 45 cms. wide using angle iron of following size and 20 mm M.S. bars at 25cms. centre to centre with necessary supports of same angle iron as directed including hand railing on both sides with 25mm dia G.I. pipes with angle iron props at 2 mtrs. interval and 0.5 mtr. height including fixing in ground with C.C. 1:2:4 and two coats of nonpoisonous anticorrosive bituminous paint with all lead and lift etc., complete. 65x65x8mm angle iron frame (RWS, BGM, SR, 2019-20, Item- 4.62)	Nos	4				4	13200.00	52800.00
		Rmt	4	3.50			14.00	1821.00	25494.00
Total									1238794.00
Say									1240000.00

[Signature]
Section Officer

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Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.

ESTIMATE FOR REHABILITATION OF E.L.S.R - 50 KL CAPACITY

Staging height - 7.5 Mtr. SBC - 15 KN/M²

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
8	Providing and fixing anodised aluminium ladder using 65mm x 32mm x 30mm 'C' section channels and 25m dia fluted pipe at 25cm centre to centre ladder fixed at an angle of 70 degree to horizontal including all necessary struts to prevent buckling of the ladder including fixing ladder in CC 1:2:4 proportion of size 0.40 x 0.25 x 0.10 m as directed etc. complete. (RWS, BGM, SR, 2019-20, Item-463, Page-38)	Rmt	1	3.80			3.80	3099.00	11777.00
	15.3.1. Providing in C.M. 1:3 proportion including smooth finishing with minimum 2% of approved quality of water proof compound including curing with necessary scaffolding by removing the old plaster wherever necessary for the existing RCC over head tank and giving satisfactory water proof testing as per direction etc. complete with all lead & lift for side wall, shell portion, bottom dome, bottom slab and ribs over the staging. (KUWS&DB BNG, P. No. 83, 1 No.19 a.2) 12 mm thick for outside surface.								
	Top Dome out side	Sqm	2	3.142	3.63	1.00	22.81		
	Finesl column	Sqm	4	4	0.15	0.60	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.84		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		7.50	54.00		
	Bracings	Sqm	18	2.30	1.27		52.58		
	walkway slab	Sqm	2	3.142x5.95	0.60		22.43		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.36		
							Net	235.38	
								348.00	81913.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
15.8.1	Providing in C.M. 1:3 proportion including smooth finishing with minimum 2% of approved quality of water proof compound including curing with necessary scaffolding by removing the old plaster wherever necessary for the existing RCC over head tank and giving satisfactory water proof testing as per direction etc. complete with all lead & lift for side walls, shell portion, bottom dome, bottom slab and ribs over the staging. (KUWS&DB-BNG, P. No. 83. I No.19 b.2) 20 mm thick for inside surface.								
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
						Net	73.41	374.00	27456.00
13	Providing two coats of water proof cement painting of approved colour and shade over one coat of primer including curing, etc., complete for RCC over head tanks. (RWS, BGM, SR, 2019-20, Item- 4.14, Page- 39)								
	Top Dome out side	Sqm	2	3.142	3.63	1.00	22.81		
	Fineal column	Sqm	4	4	0.15	0.60	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		7.50	54.00		
	Bracings	Sqm	18	2.30	1.27		52.58		
	walkway slab	Sqm	2	3.142X5.95	0.60		22.43		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.38		
						Net	235.38	213.00	50136.00
15	Providing and fixing GI pipe railing 32 mm dia GI pipe 'B' Class in two rows on roof dome, flat slab or landings of elevated storage reservoir including cutting, welding, threading, painting, embedding in cement concrete pillars, with all lead lifts etc., complete. (RWS, BGM, SR, 2019-20, Item no- 4.64, Page- 38)								
		Rmt	1	3.142	6.60		20.74		
		Rmt	1	3.142	6.30		16.65		
						Total	38.00	678.00	25802.00

Sl. No.	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
	Providing and fixing M.S. ladder between landing 45 cms wide using angle iron of following size and 20 mm M.S. bars at 25cms centre to centre with necessary supports of same angle iron as directed including hand railing on both sides with 25mm dia. G.I. pipes with angle iron props at 2 mtrs. interval and 0.5 mtr. height including fixing in ground with C.C. 1:2:4 and two coats of nonpoisonous anticorrosive bituminous paint with all lead and lift etc. complete. 65x65x6mm angle iron frame. (RWS, BGM, SR, 2019-20, Item- 4.62)	Rmt	1	3.50	-	-	3.50	1821.00	6374.00
17	Painting letters with black paint including scaffolding wherever necessary. 23 cms size (PWD SR BGM 2019-20, ITEM NO 24.10 P. 181)	Nos	100				100	0.70	70.00
18	Construction of valve chambers. (As per sub estimate)	Nos	2				2		
Sub Estimate								13200.00	26400.00
Total								229928.00	
Say								230000.00	

[Signature]
Section Officer

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Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.

DETAILED ESTIMATE FOR VALVE CHAMBER

Sl. No.	Description	Unit	No.	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. Specification (RWS page no 8, I no 2.01) and 2.02								
		Cum	1	1.50	1.50	1.50	3.38		
		Cum					1.69	249.00	421.00
	In Hard Soil	Cum					1.69	348.00	589.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.692cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no 22, I no 4.02)	Cum	1	1.50	1.50	0.15	0.34	5201.00	1796.00
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement. (RWS page no 23, I no 4.08)	Cum	2	1.20	0.10	1.20	0.29		
		Cum	2	1.20	0.10	1.20	0.29		
								Total =	0.58

No	Description	Unit	No	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kg, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum with superplasticiser @ 3% conforming to IS 9103-1999 Reaffirmed-2008. machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications. (RWS page no 24, I no 4.11)	Cum	1	1.20	1.20	0.15	0.216		
	Deduct for inspection door	Cum	1	0.60	0.60	0.15	0.054		
							Total	0.16	5942.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 38, I no 4.59)	Ton	1	0.08		0.58	0.0464		
			1	0.08		0.16	0.0128		
							Total	0.0592	70306.00
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc, complete (for RCC over head tank and C.I.S.R.) (RWS page no 39, I no 4.66)	Each	1					1818.00	1818.00
7	Refilling the basement and pipeline trenches with selected earth from trench excavation including watering, consolidation in layers of 15 cms thick, including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no 12 no.2.25)	Cum	4	1.50	0.1	1.35	0.81	103.00	84.00
								Total =	13193.00

Total No of Valve Chambers for OHT = 0

Section Officer
RDWS Sub-Division
Vijayapur

Asst. Executive Engineer
RDWS Sub-Division
Vijayapur

Rs. 13200.00

DETAILED ESTIMATE FOR BULK FLOW METER AND VALVE CHAMBER

Sl. No	Description	Unit	No.	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)	
1	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.22.1, 2.22.2 & 2.22.3]									
		Cum	1	1.50	1.50	1.35	3.04			
		Cum	40 % of total Qty					1.22	262.00	320.00
		Cum	60 % of total Qty					1.82	262.00	477.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no 15, I no 4.02)	Cum	1	1.50	1.50	0.15	0.34	5281.00	1796.00	
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS: 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement iron	Cum	2	1.20	0.10	1.20	0.29			
		Cum	2	1.20	0.10	1.20	0.29			
		Total =						0.58	5621.00	3261.00

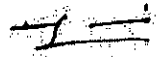
No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplasticiser @ 3lts conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. (RWS page no 16, I no 4.11)	Cum	1	1.20	1.20	0.15	0.216		
	Deduct for inspection door	Cum	1	0.60	0.60	0.15	0.054		
						Total	0.16	5942.00	951.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 28, I no 4.59)	Ton	1	0.08		0.58	0.0464		
		Ton	1	0.08		0.16	0.0128		
							0.0592	70306.00	4162
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.) (RWS page no 29, I no 4.66)	Each	1						
								1818.00	1818.00


Sl. No.	Description	Unit	Nos.	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
7	ReRefilling the basement and pipeline trenches with selected earth from trench excavation including watering, consolidation in layers of 15 cms thick, including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no 81 no.2.25.1) pits.	Cum	4	1.50	0.1	1.20	0.72	103.00	74.16
8	Supply and delivery of Woltman model with removal mechanism water meters confirming to ISO 4064 part I,II,III class B or IS 779 and IS 2373 with life cycle test certificate from FCRI/ NABL accredited lab. The water meters shall have magnetic drivers or mechanical drivers and shall be versatile for installation in any position. The meters shall be hydrodynamically, hydrostatically balanced. The runner, runner chamber, pointer of the meter shall be as per ISO 4064 class B specification. Dry dial excavated counter housing fully protected against flooding ensuring easy reading in all climates. (RWS 2019-20 Page no 111 Item no.15.40.4) 150 mm Dia Note: the above rates are basic rates inclusive of transportation charges, earth work excavation, labour charges, cutting and threading, conveyance, welding and hire charges for tools and plants etc., complete. (RWS page no 11.1 no 15.4) 150mm Dia Bulk Flow Meter	Nos.	1				1	39599.00	39599.00
								Total =	52458.16

Total No of Valve Chambers for Flow meter =

2.00 X 52500 = Rs.

105000


Section Officer
RDWS Sub-Division
Vijayapur


Asst. Executive Engineer
RDWS Sub-Division
Vijayapur

1) Name of the Work	Konginquit								
2) Zone	1033								
3) Total Population	1033								
4) Rate of Water Supply	68	lpcd							
5) Peak Factor	4								
6) Delivery Level	853.480	in m							
7) Distribution Losses	10%	in percentage							
8) Total Demand	110696.8	in Liters / day							
9) Total Length	2727.0	Mts							
10) Staging PI	7.0	Total Length of Pipe in mts.							
11) RI of OHT	548.48	63	75	80	110	140	160	200	250
12) Factor	0.000471	0.14	1715	1058	121	106	0	0	0

Label	Start Node	Stop Node	Length (m)	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)	Dia (mm)
ZIP-1	Z11-1	Z11-2	5	56.7	HDPE	145	0.030	0.010	0.000	Z11-1	542.66	0.31	552.72	10.24	63
ZIP-2	Z11-2	Z11-3	7	56.7	HDPE	145	0.320	0.190	0.000	Z11-2	542.97	0.03	552.72	9.79	63
ZIP-3	Z11-3	Z11-4	9	56.7	HDPE	145	0.030	0.010	0.000	Z11-3	542.65	0.1	552.73	10.06	63
ZIP-4	Z11-4	Z11-5	10	56.7	HDPE	145	0.278	0.110	0.006	Z11-4	542.51	0.08	552.73	10.09	63
ZIP-5	Z11-5	Z11-6	10	56.7	HDPE	145	0.378	0.150	0.001	Z11-5	543.82	0.06	552.60	8.76	63
ZIP-6	Z11-6	Z11-7	10	56.7	HDPE	145	0.378	0.150	0.001	Z11-6	542.86	0.03	552.60	8.79	75
ZIP-7	Z11-7	Z11-8	11	67.4	HDPE	145	0.397	0.110	0.000	Z11-7	542.64	0.32	552.51	9.66	63
ZIP-8	Z11-8	Z11-9	11	56.7	HDPE	145	0.010	0.000	0.000	Z11-8	542.84	0.05	552.51	9.65	63
ZIP-9	Z11-9	Z11-10	11	56.7	HDPE	145	0.010	0.000	0.000	Z11-9	542.15	0.14	552.71	10.54	63
ZIP-10	Z11-10	Z11-11	11	56.7	HDPE	145	0.010	0.000	0.000	Z11-10	542.54	0.09	552.71	10.13	75
ZIP-11	Z11-11	Z11-12	12	67.4	HDPE	145	1.445	0.400	0.003	Z11-11	542.58	0.04	552.51	9.91	75
ZIP-12	Z11-12	Z11-13	13	67.4	HDPE	145	1.503	0.420	0.003	Z11-12	541.99	0.04	552.51	10.50	63
ZIP-13	Z11-13	Z11-14	13	56.7	HDPE	145	0.010	0.000	0.000	Z11-13	542.89	0.01	552.51	10.10	63
ZIP-14	Z11-14	Z11-15	13	56.7	HDPE	145	0.196	0.060	0.000	Z11-14	541.34	0.03	552.51	11.15	63
ZIP-15	Z11-15	Z11-16	13	56.7	HDPE	145	0.010	0.000	0.000	Z11-15	540.48	0.06	552.68	12.17	75
ZIP-16	Z11-16	Z11-17	14	67.4	HDPE	145	0.337	0.090	0.000	Z11-16	543.80	0.01	552.60	8.79	63
ZIP-17	Z11-17	Z11-18	15	56.7	HDPE	145	0.020	0.010	0.000	Z11-17	544.39	0.14	552.81	8.40	63
ZIP-18	Z11-18	Z11-19	15	56.7	HDPE	145	0.020	0.010	0.000	Z11-18	543.98	0.15	552.78	8.78	63
ZIP-19	Z11-19	Z11-20	17	56.7	HDPE	145	0.020	0.010	0.000	Z11-19	541.83	0.1	552.63	10.74	63
ZIP-20	Z11-20	Z11-21	17	56.7	HDPE	145	0.010	0.010	0.000	Z11-20	541.84	0.08	552.63	10.79	75
ZIP-21	Z11-21	Z11-22	17	67.4	HDPE	145	0.999	0.280	0.001	Z11-21	546.00	0.1	552.90	6.88	63
ZIP-22	Z11-22	Z11-23	18	56.7	HDPE	145	0.013	0.010	0.000	Z11-22	546.64	0.1	552.90	6.25	110
ZIP-23	Z11-23	Z11-24	19	56.7	HDPE	145	0.470	0.710	0.006	Z11-23	546.64	0.01	552.90	6.25	110
ZIP-24	Z11-24	Z11-25	20	89.3	HDPE	145	0.130	0.060	0.000	Z11-24	542.19	0.06	552.57	10.36	63
ZIP-25	Z11-25	Z11-26	20	56.7	HDPE	145	0.573	0.190	0.001	Z11-25	541.58	0.1	552.57	10.97	75
ZIP-26	Z11-26	Z11-27	21	67.4	HDPE	145	0.020	0.010	0.000	Z11-26	544.72	0.06	552.74	8.51	63
ZIP-27	Z11-27	Z11-28	21	56.7	HDPE	145	0.050	0.020	0.000	Z11-27	545.95	0.01	552.74	7.28	63
ZIP-28	Z11-28	Z11-29	22	56.7	HDPE	145	0.050	0.020	0.000	Z11-28	545.95	0.01	552.74	7.28	63
ZIP-29	Z11-29	Z11-30	22	56.7	HDPE	145	0.165	0.070	0.000	Z11-29	540.81	0.02	552.58	11.74	63
ZIP-30	Z11-30	Z11-31	22	56.7	HDPE	145	0.611	0.240	0.001	Z11-30	540.81	0.07	552.58	11.75	63
ZIP-31	Z11-31	Z11-32	24	56.7	HDPE	145	0.817	0.280	0.001	Z11-31	541.08	0.02	552.51	11.41	75

ZIP-30	Z1J-10	Z1J-3	16	56.7	HDPE	145	0.308	0.190	0.001	Z1J-30	541.17	0.07	552.49	11.35	61
ZIP-31	Z1J-44	Z1J-44	25	56.7	HDPE	145	0.030	0.010	0.000	Z1J-31	541.81	0.15	552.49	11.06	61
ZIP-32	Z1J-45	Z1J-46	25	56.7	HDPE	145	0.030	0.010	0.000	Z1J-32	541.84	0.07	552.73	8.86	61
ZIP-33	Z1J-34	Z1J-4	26	67.4	HDPE	145	0.223	0.200	0.001	Z1J-33	547.17	0.09	552.96	10.42	75
ZIP-34	Z1J-35	Z1J-5	27	67.4	HDPE	145	1.137	0.170	0.007	Z1J-34	547.19	0.14	552.94	10.83	75
ZIP-35	Z1J-47	Z1J-17	27	67.4	HDPE	145	2.102	0.150	0.006	Z1J-35	541.81	0.09	552.57	10.74	75
ZIP-36	Z1J-23	Z1J-41	27	56.7	HDPE	145	-0.289	0.110	0.000	Z1J-36	544.74	0.05	553.14	8.38	63
ZIP-37	Z1J-20	Z1J-9	27	56.7	HDPE	145	-0.756	0.100	0.002	Z1J-37	541.67	0.09	552.37	10.92	63
ZIP-38	Z1J-19	Z1J-49	30	56.7	HDPE	145	0.030	0.010	0.000	Z1J-38	543.26	0.14	552.61	9.13	63
ZIP-39	Z1J-43	Z1J-50	30	67.4	HDPE	145	-0.157	0.070	0.000	Z1J-39	542.64	0.07	552.61	9.95	75
ZIP-40	Z1J-51	Z1J-16	31	67.4	HDPE	145	-0.946	0.270	0.001	Z1J-40	542.72	0.12	552.57	10.33	75
ZIP-41	Z1J-40	Z1J-33	31	56.7	HDPE	145	0.092	0.040	0.000	Z1J-41	540.74	0.1	552.58	11.07	63
ZIP-42	Z1J-51	Z1J-52	32	56.7	HDPE	145	0.030	0.010	0.000	Z1J-42	541.69	0.07	552.6	10.89	63
ZIP-43	Z1J-47	Z1J-36	32	99.3	HDPE	145	-3.420	0.700	0.005	Z1J-43	541.37	0.09	552.49	11.10	110
ZIP-44	Z1J-45	Z1J-53	32	67.4	HDPE	145	-0.433	0.120	0.000	Z1J-44	541.34	0.03	552.49	11.14	75
ZIP-45	Z1J-41	Z1J-35	44	56.7	HDPE	145	-0.223	0.090	0.000	Z1J-45	541.47	0.13	552.5	11.01	63
ZIP-46	Z1J-54	Z1J-55	33	56.7	HDPE	145	-0.822	0.320	0.002	Z1J-46	540.87	0.01	552.5	11.61	63
ZIP-47	Z1J-10	Z1J-54	34	56.7	HDPE	145	-0.552	0.220	0.001	Z1J-47	544.6	0.17	552.97	8.36	63
ZIP-48	Z1J-28	Z1J-19	35	67.4	HDPE	145	-0.761	0.210	0.001	Z1J-48	543.82	0.11	552.82	8.98	75
ZIP-49	Z1J-56	Z1J-43	35	67.4	HDPE	145	-0.197	0.040	0.000	Z1J-49	540.64	0.03	552.61	11.95	75
ZIP-50	Z1J-57	Z1J-51	36	67.4	HDPE	145	-0.816	0.230	0.001	Z1J-50	540.54	0.09	552.9	11.93	75
ZIP-51	Z1J-20	Z1J-56	38	67.4	HDPE	145	-0.827	0.230	0.001	Z1J-51	543.09	0.1	552.74	9.66	75
ZIP-52	Z1J-53	Z1J-59	39	67.4	HDPE	145	-0.583	0.160	0.001	Z1J-52	540.59	0.03	552.74	12.12	75
ZIP-53	Z1J-55	Z1J-47	42	67.4	HDPE	145	-1.092	0.310	0.002	Z1J-53	541.58	0.16	552.51	10.91	75
ZIP-54	Z1J-4	Z1J-3	53	56.7	HDPE	145	0.220	0.090	0.000	Z1J-54	544.21	0.17	552.82	8.93	63
ZIP-55	Z1J-24	Z1J-40	60	56.7	HDPE	145	0.046	0.020	0.000	Z1J-55	545.93	0.08	552.9	6.96	63
ZIP-56	Z1J-3	Z1J-48	43	81.1	HDPE	145	-1.946	0.360	0.002	Z1J-56	542.11	0.17	552.49	10.36	90
ZIP-57	Z1J-25	R-1	44	99.3	HDPE	145	-3.560	0.720	0.005	Z1J-57	543.11	0.3	552.7	9.57	110
ZIP-58	Z1J-59	Z1J-37	50	67.4	HDPE	145	-0.831	0.180	0.001	Z1J-58	548.07	0.21	552.69	9.60	75
ZIP-59	Z1J-42	Z1J-15	49	67.4	HDPE	145	-1.057	0.300	0.002	Z1J-59	541.28	0.18	552.53	11.24	75
ZIP-60	Z1J-1	Z1J-10	49	56.7	HDPE	145	0.080	0.030	0.000	Z1J-60	541.23	0.07	552.49	11.24	63
ZIP-61	Z1J-36	Z1J-5	59	56.7	HDPE	145	0.120	0.050	0.000	Z1J-61	548.03	0.08	552.9	4.86	63
ZIP-62	Z1J-50	Z1J-14	62	67.4	HDPE	145	-0.347	0.100	0.000	Z1J-62	544.6	0.1	552.81	8.20	75
ZIP-63	Z1J-31	Z1J-36	62	67.4	HDPE	145	0.103	0.030	0.000						75
ZIP-64	Z1J-31	Z1J-45	66	67.4	HDPE	145	-0.273	0.080	0.000						75
ZIP-65	Z1J-48	Z1J-47	67	81.1	HDPE	145	-2.056	0.400	0.002						90
ZIP-66	Z1J-56	Z1J-60	68	56.7	HDPE	145	0.070	0.030	0.000						63
ZIP-67	Z1J-18	Z1J-58	70	67.4	HDPE	145	0.901	0.250	0.001						75
ZIP-68	Z1J-7	Z1J-51	89	56.7	HDPE	145	0.008	0.000	0.000						63
ZIP-69	Z1J-59	Z1J-34	90	67.4	HDPE	145	-0.134	0.040	0.000						75
ZIP-70	Z1J-58	Z1J-57	98	56.7	HDPE	145	-0.136	0.050	0.000						63
ZIP-71	Z1J-54	Z1J-62	98	56.7	HDPE	145	0.100	0.040	0.000						63
ZIP-72	Z1J-9	Z1J-17	102	56.7	HDPE	145	-0.518	0.200	0.001						63
ZIP-73	Z1J-57	Z1J-58	159	56.7	HDPE	145	0.380	0.150	0.001						63
ZIP-74	Z1J-55	Z1J-21	3	67.4	HDPE	145	-0.190	0.050	0.000						75
ZIP-75	Z1J-21	Z1J-61	81	56.7	HDPE	145	0.080	0.030	0.000						63

1	Name of the Work	Kerangpuri	
2	Zone	2	
3	Total Population	1331	
4	Rate of Water Supply	55	lpcd
5	Peak Factor	4	
6	Delivery Level	554.360	In m
7	Distribution Losses	10% In percentage	
8	Total Demand	80526.5 In Liters / day	
9	Total Length	1976.0 Mts	
10	Staging Ht.	7.6	
11	Rt of OHT	548.66	
12	Factor	0.000471	3.73

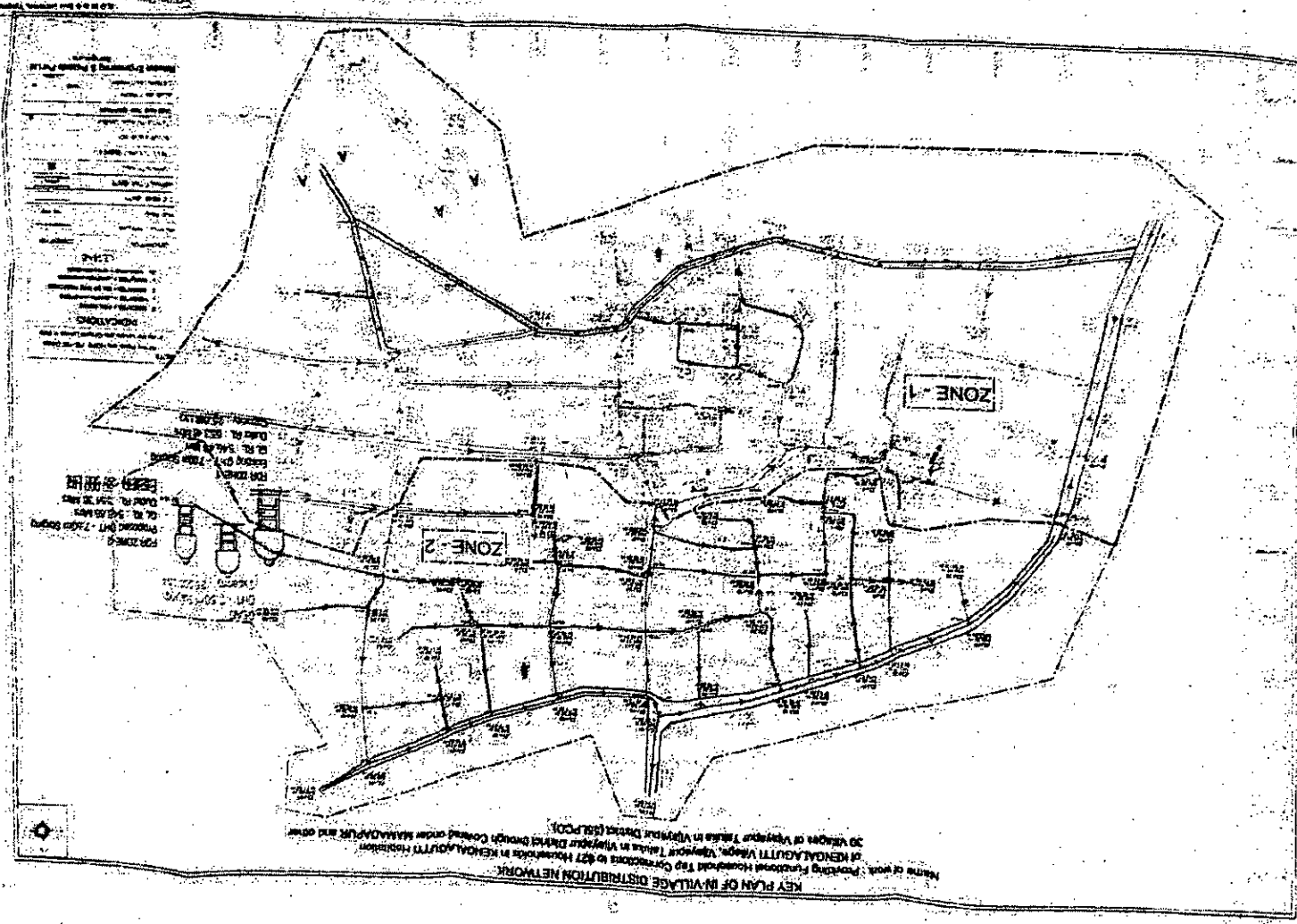
Total Length of Pipe in mts.									
63	75	90	110	140	160	200	250		
1288	770	0	108	0	0	0	0		

Label	Start Node	Stop Node	Length (Meters)	Diameter (mm)	Material	Hazen-Williams	Flow (l/s)	Velocity (m/s)	Headloss Gradient	Label	Elevation (m)	Demand (l/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)	Dia (mm)
ZP-1	Z21-1	Z21-2	5	56.7	HDPE	145	0.128	0.050	0.000	Z21-1	541.65	0.08	553.70	12.62	63
ZP-2	Z21-4	Z21-5	11	56.7	HDPE	145	0.050	0.020	0.000	Z21-2	541.28	0.05	553.70	12.41	63
ZP-3	Z21-6	Z21-7	11	56.7	HDPE	145	0.050	0.020	0.000	Z21-3	542.84	0.04	553.70	10.83	63
ZP-4	Z21-8	Z21-9	12	56.7	HDPE	145	0.050	0.020	0.000	Z21-4	542.85	0.1	553.79	10.91	63
ZP-5	Z21-10	Z21-11	12	67.4	HDPE	145	0.088	0.090	0.000	Z21-5	542.81	0.05	553.79	10.96	75
ZP-6	Z21-12	Z21-4	13	67.4	HDPE	145	1.033	0.290	0.002	Z21-6	540.48	0.05	553.72	13.22	75
ZP-7	Z21-12	Z21-13	13	56.7	HDPE	145	0.020	0.010	0.000	Z21-7	541.14	0.08	553.72	12.56	63
ZP-8	Z21-14	Z21-15	13	56.7	HDPE	145	0.101	0.040	0.000	Z21-8	537.99	0.08	553.70	15.87	63
ZP-9	Z21-16	Z21-12	19	67.4	HDPE	145	1.093	0.310	0.002	Z21-9	539.74	0.05	553.70	18.93	75
ZP-10	Z21-17	Z21-18	14	67.4	HDPE	145	0.498	0.140	0.000	Z21-10	541.23	0.13	553.70	12.44	75
ZP-11	Z21-19	Z21-20	14	56.7	HDPE	145	0.020	0.010	0.000	Z21-11	539.81	0.07	553.70	13.86	63
ZP-12	Z21-19	Z21-22	14	56.7	HDPE	145	0.587	0.150	0.001	Z21-12	543.76	0.04	553.81	10.54	63
ZP-13	Z21-21	Z21-22	16	56.7	HDPE	145	0.055	0.020	0.000	Z21-13	542.96	0.02	553.81	10.82	63
ZP-14	Z21-23	Z21-15	16	56.7	HDPE	145	1.436	0.400	0.003	Z21-14	540.44	0.09	553.71	13.25	75
ZP-15	Z21-24	Z21-25	17	67.4	HDPE	145	0.020	0.010	0.000	Z21-15	539.35	0.11	553.71	14.33	75
ZP-16	Z21-26	Z21-27	17	67.4	HDPE	145	0.264	0.070	0.000	Z21-16	543.27	0.11	553.84	10.55	63
ZP-17	Z21-21	Z21-28	17	56.7	HDPE	145	0.020	0.010	0.000	Z21-17	540.99	0.07	553.70	11.69	63
ZP-18	Z21-7	Z21-29	17	56.7	HDPE	145	0.951	0.140	0.000	Z21-18	540.76	0.09	553.71	12.93	63
ZP-19	Z21-8	Z21-30	17	56.7	HDPE	145	0.020	0.010	0.000	Z21-19	540.76	0.09	553.71	12.93	63
ZP-20	Z21-8	Z21-30	17	56.7	HDPE	145	0.185	0.050	0.000	Z21-19	541.81	0.07	553.92	12.08	75
ZP-21	Z21-10	Z21-8	28	67.4	HDPE	145	0.020	0.010	0.000	Z21-20	542.40	0.02	553.92	11.49	63
ZP-22	Z21-32	Z21-33	20	56.7	HDPE	145	0.020	0.010	0.000	Z21-21	541.81	0.07	553.92	12.08	75
ZP-23	Z21-32	Z21-33	20	67.4	HDPE	145	0.526	0.150	0.000	Z21-21	539.41	0.08	553.86	14.42	75
ZP-24	Z21-34	Z21-35	20	67.4	HDPE	145	0.030	0.010	0.000	Z21-22	540.06	0.07	553.87	13.78	63
ZP-25	Z21-34	Z21-35	27	56.7	HDPE	145	0.030	0.010	0.000	Z21-22	540.06	0.07	553.87	13.78	63
ZP-26	Z21-36	Z21-35	27	56.7	HDPE	145	1.001	0.400	0.003	Z21-23	539.43	0.09	553.71	14.26	63
ZP-27	Z21-37	Z21-19	21	56.7	HDPE	145	0.885	0.250	0.001	Z21-24	543.81	0.19	554.06	10.43	75
ZP-28	Z21-21	Z21-39	23	67.4	HDPE	145	0.885	0.250	0.001	Z21-24	543.81	0.19	554.06	10.43	75
ZP-29	Z21-21	Z21-39	23	67.4	HDPE	145	0.198	0.110	0.000	Z21-25	544.02	0.11	554.02	9.98	75
ZP-30	Z21-27	Z21-17	25	67.4	HDPE	145	0.398	0.160	0.001	Z21-25	544.02	0.11	554.02	9.98	75
ZP-31	Z21-40	Z21-41	25	56.7	HDPE	145	0.398	0.160	0.001	Z21-26	540.27	0.09	553.7	13.40	63
ZP-32	Z21-42	Z21-43	26	67.4	HDPE	145	0.699	0.200	0.001	Z21-27	541.45	0.08	553.7	12.22	75

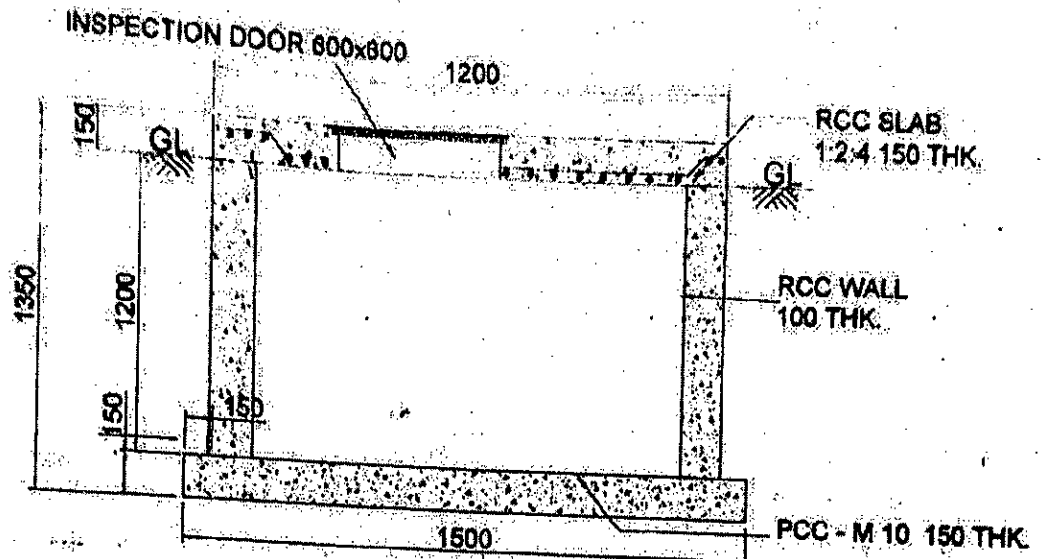
221-01	221-03	221-04	26	56.7	HDPE	145	0.010	0.010	0.000	221-04	541.66	0.00	551.87	11.21	61
221-02	221-06	221-05	24	56.7	HDPE	145	0.010	0.010	0.000	221-05	540.85	0.00	551.71	11.86	61
221-03	221-11	221-08	79	56.7	HDPE	145	0.111	0.000	0.000	221-08	540.64	0.00	551.71	11.07	61
221-04	221-21	221-08	29	57.4	HDPE	145	0.119	0.000	0.000	221-08	544.14	0.01	551.87	11.73	61
221-05	221-04	221-08	30	56.7	HDPE	145	0.077	0.010	0.000	221-08	541.48	0.01	551.69	11.21	61
221-06	221-40	221-23	31	56.7	HDPE	145	0.260	0.110	0.000	221-23	541.12	0.17	551.69	11.54	61
221-07	221-15	221-31	37	67.4	HDPE	145	0.577	0.150	0.000	221-31	540.87	0.08	551.73	11.86	75
221-08	221-31	221-24	32	67.4	HDPE	145	1.273	0.370	0.000	221-24	540.87	0.11	551.73	11.90	75
221-09	221-08	221-49	33	56.7	HDPE	145	0.649	0.260	0.000	221-49	541.67	0.03	551.71	11.69	61
221-10	221-21	221-38	21	56.7	HDPE	145	0.070	0.010	0.000	221-38	541.95	0.06	551.85	11.87	61
221-11	221-50	221-39	83	67.4	HDPE	145	0.954	0.270	0.000	221-39	541.69	0.01	551.7	11.97	75
221-12	221-3	221-25	38	56.7	HDPE	145	0.040	0.070	0.000	221-25	540.93	0.11	551.83	11.87	61
221-13	221-13	221-10	44	56.7	HDPE	145	-0.057	0.020	0.000	221-10	540.62	0.09	551.71	11.09	61
221-14	221-48	221-50	34	56.7	HDPE	145	0.007	0.000	0.000	221-48	541.51	0.13	551.74	11.21	61
221-15	221-17	221-51	34	56.7	HDPE	145	0.030	0.010	0.000	221-48	541.29	0.11	551.8	11.99	61
221-16	221-01	221-26	24	56.7	HDPE	145	0.038	0.010	0.000	221-48	542.09	0.09	551.85	11.77	61
221-17	221-19	221-28	33	56.7	HDPE	145	1.091	0.430	0.004	221-44	541.82	0.07	551.85	11.04	61
221-18	221-25	221-40	37	56.7	HDPE	145	0.021	0.010	0.000	221-45	541.81	0.07	551.84	11.06	61
221-19	221-22	221-42	37	56.7	HDPE	145	0.477	0.130	0.001	221-46	541.59	0.08	551.76	11.13	61
221-20	221-23	221-18	40	56.7	HDPE	145	0.133	0.050	0.000	221-47	540.54	0.06	551.69	11.13	61
221-21	221-33	221-26	28	56.7	HDPE	145	-0.116	0.080	0.000	221-48	541.3	0.14	551.79	11.47	61
221-22	221-18	221-25	35	67.4	HDPE	145	0.154	0.130	0.000	221-49	541.54	0.08	551.84	11.43	75
221-23	221-25	221-52	40	56.7	HDPE	145	0.040	0.010	0.000	221-50	541.37	0.11	551.79	11.39	61
221-24	221-41	221-21	41	67.4	HDPE	145	0.570	0.160	0.001	221-51	540.27	0.03	551.7	11.46	75
221-25	221-10	221-27	41	56.7	HDPE	145	0.055	0.020	0.000	221-52	544.5	0.04	554.02	9.29	61
221-26	221-46	221-50	42	67.4	HDPE	145	0.253	0.240	0.001	221-53	541.07	0.04	551.85	11.76	75
221-27	221-39	221-48	42	56.7	HDPE	145	0.171	0.070	0.000	221-54	540.87	0.06	551.74	11.25	61
221-28	221-4	221-24	44	67.4	HDPE	145	0.854	0.240	0.001	221-55	539.75	0.05	551.73	11.95	75
221-29	221-41	221-48	45	56.7	HDPE	145	0.579	0.210	0.001						61
221-30	221-25	221-42	47	67.4	HDPE	145	1.286	0.360	0.002						75
221-31	221-17	221-24	48	56.7	HDPE	145	0.221	0.020	0.000						61
221-32	221-15	221-29	51	67.4	HDPE	145	0.475	0.130	0.000						75
221-33	221-31	221-16	57	67.4	HDPE	145	1.223	0.340	0.002						75
221-34	221-47	221-33	59	56.7	HDPE	145	0.060	0.070	0.000						61
221-35	221-24	R-3	96	29.3	HDPE	145	0.040	0.510	0.001						110
221-36	221-29	221-24	8	47.4	HDPE	145	0.896	0.250	0.001						75
221-37	221-44	221-41	23	67.4	HDPE	145	0.320	0.030	0.000						75
221-38	221-49	221-37	3	56.7	HDPE	145	0.901	0.360	0.003						61
221-39	221-37	221-53	13	56.7	HDPE	145	0.040	0.070	0.000						61
221-40	221-45	221-34	11	67.4	HDPE	145	0.656	0.180	0.001						75
221-41	221-14	221-55	48	56.7	HDPE	145	0.050	0.020	0.000						61

Section Officer

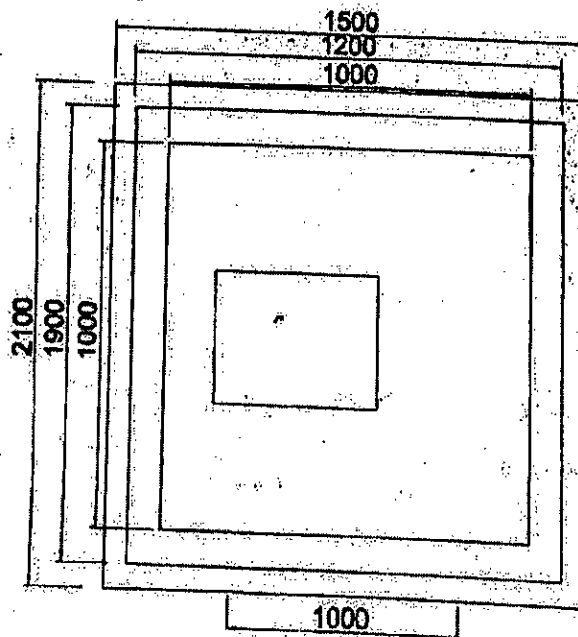
Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.



VALVE CHAMBER FOR BULK METER



SECTION A-A



PLAN

Section Officer

Assistant Executive Engineer
R D W & B Sub Division, Vijayapur.

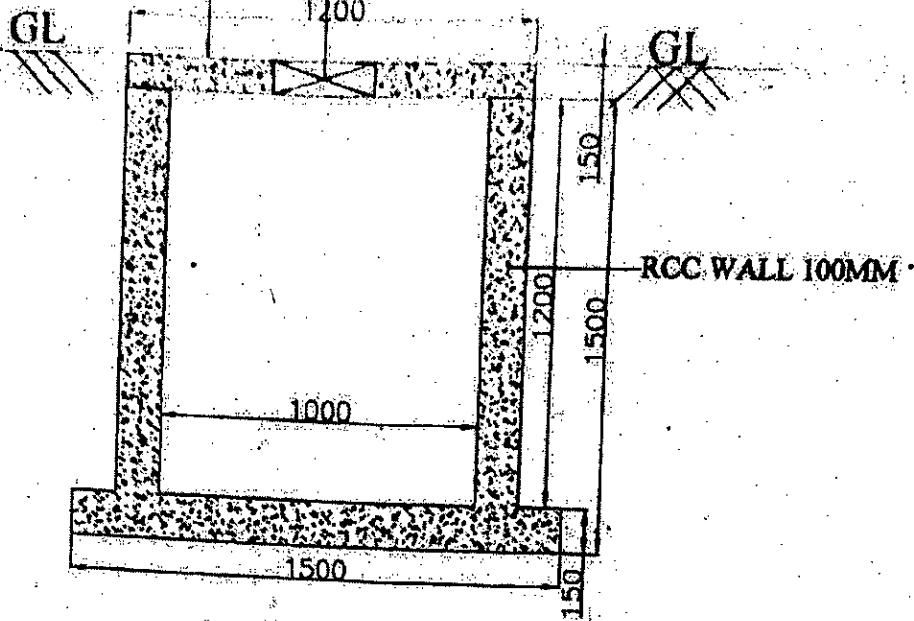
All Dimensions are in mm

NIKETAN ENGINEERING & PROJECTS PVT LTD.
PROFESSIONAL ENGINEERS, ARCHITECTS & ENGINEERING PROJECTS CONSULTANTS

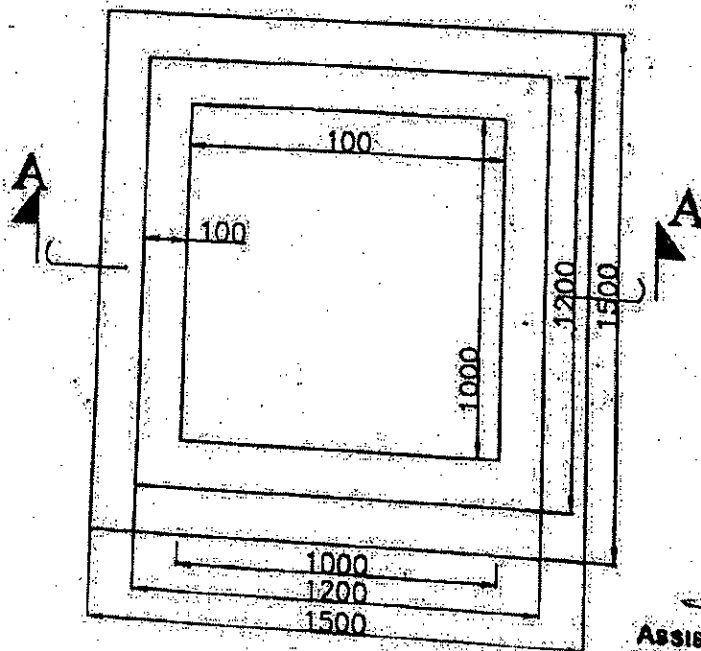
VALVE CHAMBER

RCC SLAB (150THK.)

MANHOLE (600x600)



SECTION A-A



PLAN

Section Officer

Assistant Executive Engineer
R D W & S Sub Division, Vijayapur

NIKETAN ENGINEERING & PROJECTS PVT LTD.
(GILGHERA SURVEY, GEO TECH & ENGINEERING PROJECTS CONSULTANTS)

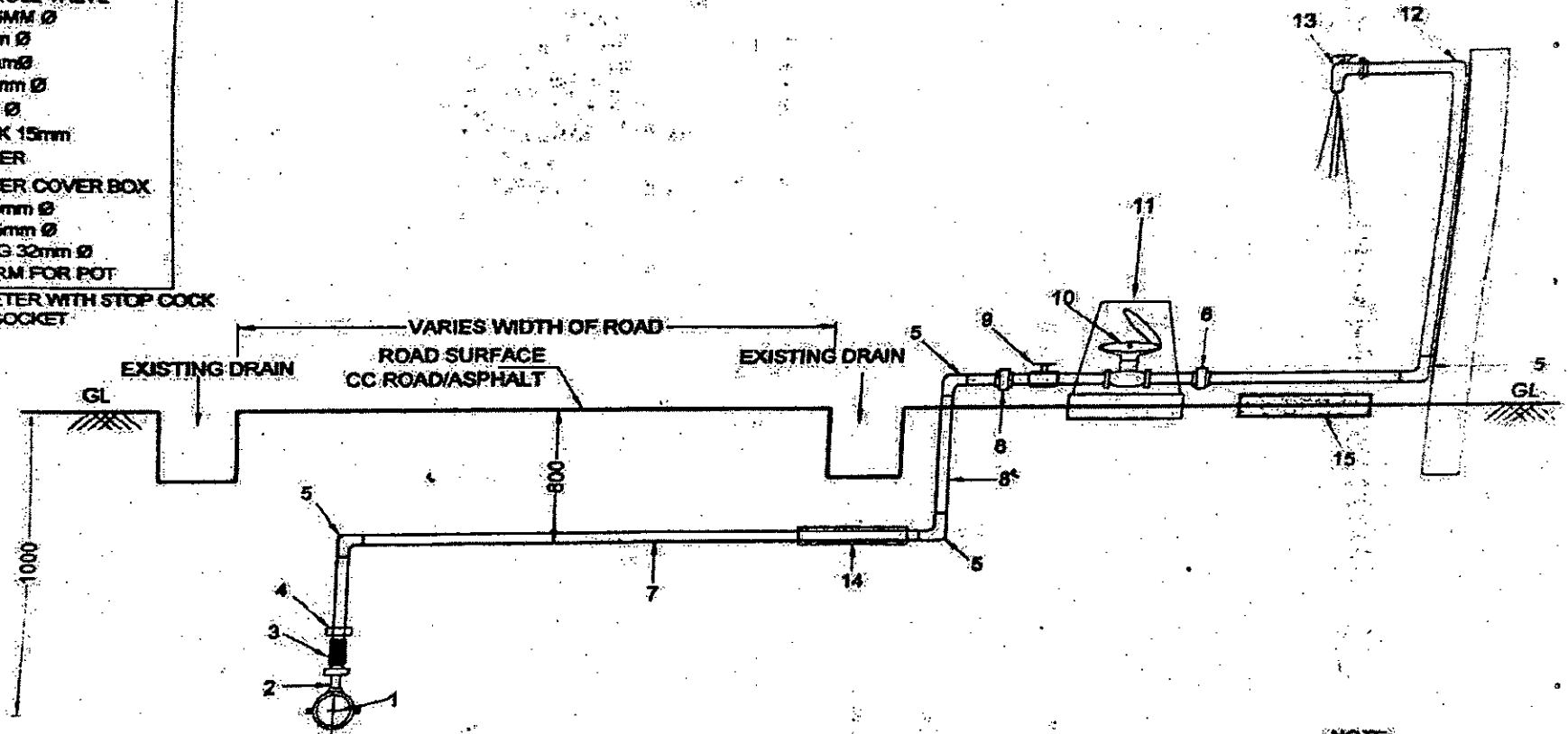
All Dimensions are in mm

LEGEND

1. DISTRIBUTION PIPE
2. PVC SERVICE SADDLE-15mmØ
3. FLOW CONTROL VALVE
4. GI COLLAR 15MM Ø
5. GI BEND 15mm Ø
6. GI UNION 15mmØ
7. MDPE PIPE 2mm Ø
8. GI PIPE 15mm Ø
9. GI STOP COCK 15mm
10. WATER METER
11. WATER METER COVER BOX
12. GI BLBOW 15mm Ø
13. BIB COCK 15mm Ø
14. GI ENCASING 32mm Ø
15. CC PLATFORM FOR POT

NOTE: WATER METER WITH STOP COCK
JAM NUT, SOCKET

SCHEMATIC DIAGRAM SHOWING THE HOUSEHOLD CONNECTION



TYPICAL CROSS-SECTION OF HOUSEHOLD CONNECTION

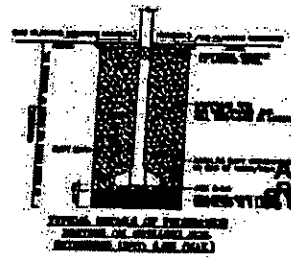
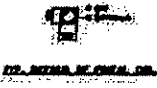
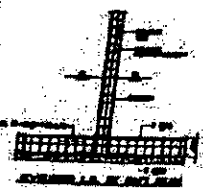
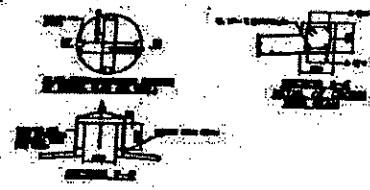
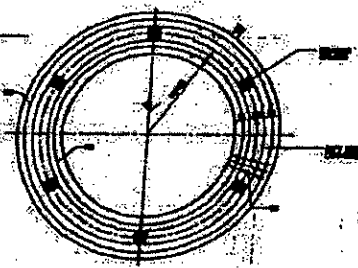
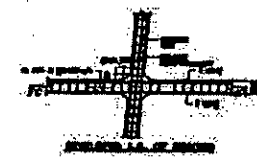
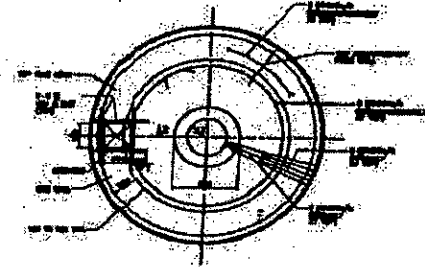
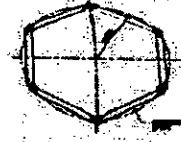
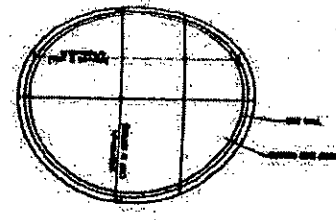
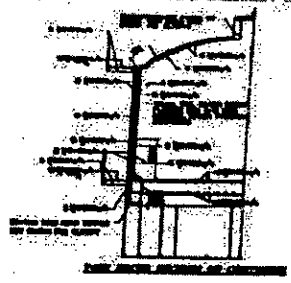
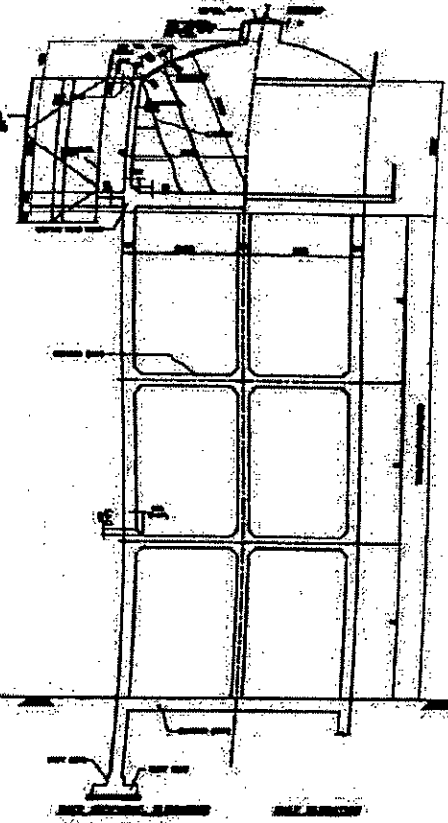
NOTE:
1. ALL DIMENSIONS AREA IN m
2. DO NOT SCALE THE DRAWING

Section Officer

Assistant Executive Engineer
R.D.W & S Sub Division, Vijayapur.

TITLE	C/S OF HOUSEHOLD CONNECTION DRAWING
NIKETAN ENGINEERING & PROJECTS PVT LTD BENGALURU	

Executive Engineer
 RDW & S. Dh. Vignapur



Assistant Executive Engineer
 RDW & S. Dh. Vignapur

NOTES

1. All work to be done in accordance with the specifications and drawings.
2. The contractor shall be responsible for the accuracy of the measurements and calculations.
3. The contractor shall maintain a record of all work done and materials used.
4. The contractor shall be responsible for the safety of all workers and the public.
5. The contractor shall be responsible for the cleanliness and order of the site.
6. The contractor shall be responsible for the disposal of all waste materials.
7. The contractor shall be responsible for the protection of all existing structures and utilities.
8. The contractor shall be responsible for the completion of the work within the specified time.
9. The contractor shall be responsible for the payment of all bills and taxes.
10. The contractor shall be responsible for the maintenance of all equipment and tools.

Sl. No.	Description	Quantity	Unit	Rate	Total
1	Excavation				
2	Foundation				
3	Structure				
4	Roofing				
5	Plumbing				
6	Electrical				
7	Painting				
8	Other				
Total					

CIVIL-AID

Section Officer

PWSS SCHEME PROJECT

MEASUREMENTS BOOK FOR 2ND RA BIL

Name of Work: PROVIDING 627 FHTCSS AT KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGAE OF VIJAYAPUR TALUK COVERED UNDER MVS MAMADAPUR AND OTHER 30 VILLAGES OF VIJAYAPUR TALUK-65 LPCD

Head of Account

Jal Jeevan Mission 2020-21

Athourty

Shri. Rajkumar M. Dayagond

Name of Agency

Date of Comencement

Due Date of Completion

Date of Measurements


19/01/2022

18/05/2022

16/04/2022

It. No	Description	Unit	Nos	L	B	D	Qty	Remarks
--------	-------------	------	-----	---	---	---	-----	---------

1	DISTRIBUTION SYSTEM Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete. By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Ordinary soil Qty Vide Pre Measurement Sheet No. 1							PREVIOUS PAID Now to Pay 251.55 Cum 0.00 Cum
2	Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete. By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Hard soil Qty Vide Pre Measurement Sheet No 1&2							PREVIOUS PAID Now to Pay 293.48 Cum 0.00 Cum
3	Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete. By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Ordinary Rock Qty Vide Pre Measurement Sheet No 2&3							PREVIOUS PAID Now to Pay 293.48 Cum 0.00 Cum


 Executive Engineer
 ROW & S. Dn., Vijayapur

MEASUREMENTS BOOK FOR 2ND RA BILL

Name of Work: PROVIDING 627 FHTCSs AT KENGALAGUTTI HABITATION OF KENGALAGUTTI VILLAGAE OF VIJAYAPUR TALUK COVERED UNDER MYS MAMADAPUR AND OTHER 30 VILLAGES OF VIJAYAPUR TALUK 55 LPCD

Head of Account

Hourly

Name of Agency

Date of Comencement

Due Date of Completion

Date of Measurements

Jal Jeevan Mission 2020-21

Shri. Rajkumar M Dayagond,

19/01/2022

18/05/2022

16/04/2022

Sl. No	Description	Unit	Nos	L	B	D	Qty	Remarks

1 Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete- By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Ordinary soil
Qty Vide Pre Measurement Sheet No 1

PREVIOUS PAID
Now to Pay

251.55 Cum
0.00 Cum

2 Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete- By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Hard soil
Qty Vide Pre Measurement Sheet No 1&2

PREVIOUS PAID =
Now to Pay

293.48 Cum
0.00 Cum

3 Earthwork excavation for pipeline trenches including depositing on bank including shoring and strutting, danger lighting and using sight rails and boring rods at every 100 mtrs. Wherever necessary as directed in the following strata etc., complete- By Manual Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work in Ordinary Rock
Qty Vide Pre Measurement Sheet No 2&3

PREVIOUS PAID =
Now to Pay

293.48 Cum
0.00 Cum

No	Description	Unit	Nos	L	B	D	Qty	Remarks
4	Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm wherever necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work, in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Ordinary soil							

Qty Vide Pre Measurement Sheet No 4

PREVIOUS PAID =
Now to Pay

510.55 Cum
42.36 Cum

5	Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm wherever necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work, in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Hard soil							
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Qty Vide Pre Measurement Sheet No 5&6

PREVIOUS PAID =
Now to Pay

601.90 Cum
31.84 Cum

6	Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm wherever necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work, in the following strata classifications by Mechanical Means with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work in Ordinary rock without blasting							
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Qty Vide Pre Measurement Sheet No 6&7

Total Tender Qty

PREVIOUS PAID =
Now to Pay

601.90 Cum
29.84 Cum

8	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work Cement Concrete Road Surface							
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Qty Vide Pre Measurement Sheet No 8

#. No	Description	Unit	Nos	L	B	D	Qty	Remarks
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PREVIOUS PAID = 153.63 Cum
 Now to Pay 3.96 Cum

9 Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing)Upto 63 mm dia.Coils shall be used. with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work

Qty Vide Pre Measurement Sheet No 9&10
63MM DIA HDPE

PREVIOUS PAID = 2608.00 Rmt
 Now to Pay -68.00 Rmt

PART RATE 10% RELEASE

10 Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing)Upto 75 mm dia.Coils shall be used. with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work

75 MM DIA HDPE

Qty Vide Pre Measurement Sheet No 11

PREVIOUS PAID = 1563.00 Rmt
 Now to Pay 265.00 Rmt

PART RATE 10% RELEASE

11 Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing)Upto 90mm dia.Coils shall be used. with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work

90 MM DIA HDPE

Qty Vide Pre Measurement Sheet No 12.

PREVIOUS PAID = 120.00 Rmt
 Now to Pay 0.00 Rmt

PART RATE 10% RELEASE

Sl. No.	Description	Unit	Qty	Rate	Amount	Remarks
12	Supplying HDPE pipes conforming to IS 4984:1999 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, labour for fitting and putting of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 100mm with cleaned soft gravel or selected earth available from the excavation etc., complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc., complete (Contractor will make his own arrangement for procuring water for testing) upto 110 mm dia. Coils shall be used, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work.					

110 MM DIA HDPE

Qty Vide Pre Measurement Sheet No 12

PREVIOUS PAID =
Now to Pay

214.00 Rmt
0.00 Rmt

PART RATE 10% RELEASE

13 Providing 80 mm dia Sluice valve/ scour valve conforming to IS 1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do- 80 mm dia Sluice valve

Qty Vide Pre Measurement Sheet No 12

TOTAL QUANTITY DONE =
Now to Pay

9.00 NUM
0.00 NUM

14 Providing 80 mm dia Sluice valve/ scour valve conforming to IS 1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do- 80 mm dia Sluice valve

Qty Vide Pre Measurement Sheet No 12

PREVIOUS PAID =
Now to Pay

4.00 NUM
0.00 NUM

15 Supply and fixing of fixed height surface box H-4057 MD-KU with PP 40% GF Lid Housing of PA+ locking clip of PP with notched bolt M 12 x 130 hexagon head A2-70 for service connection valves. Design derived from DIN 4057, should be supplied with support tile (FSL, FSS, SI), should be able to revive class AA traffic loads etc., complete as per specifications and as per the directions of the Engineer in charge of the work

Qty Vide Pre Measurement Sheet No 13

PREVIOUS PAID =
Now to Pay

13.00 Rmt
0.00 Rmt

16 Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and chills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer in charge of the work

Qty Vide Pre Measurement Sheet No 13&14

PREVIOUS PAID =
Now to Pay

0.00 CUM
171.18 CUM

Sl. No	Description	Unit	Nos	Qty	Remarks
17	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller) Note: Add Rs. 203.00 / cum for earth obtained from borrow pits, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work				

Qty Vide Pro Measurement Sheet No 14
Total Tender Qty

PREVIOUS PAID =
Now to Pay

816.64 Rmt
816.64 Rmt
0.00 Rmt

- 18 Labour for attending to repair to PVC pipe by earth excution cutting the old pipe installation and jointing of new pipe to the existing old pipe to the depth and level and perfect linking at joints including encasing the pipes around to a depth of not less than 15 cms with earth available including cost of all labours, hire charges of equipment, refilling the excavated trenches complete, finishing neatly by giving satisfactory hydraulic test etc., complete

Qty Vide Pro Measurement Sheet No 18

PREVIOUS PAID =
Now to Pay

518.00 Rmt
0.00 Rmt

HOUSE HOLD CONNECTIONS 600 No's

- 3 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer incharge of the work
Concrete Road Surface

Qty Vide Pro Measurement Sheet No 14

PREVIOUS PAID =
Now to Pay

49.72 Cum
19.76 Cum

- 4 Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in

Chlorinated Poly Vinyl Chloride (CPVC) pipes

Qty Vide Pro Measurement Sheet No 15

Total Tender Qty

PREVIOUS PAID =
Now to Pay

3960.00 Rmt
462.00 Rmt

- 5 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do - 63 mm dia

63 mm dia PVC service saddles

Qty Vide Pro Measurement Sheet No 15

No	Description	Unit	Nos	L	B	D	Qty	Remarks
	Total Tender Qty							
								PREVIOUS PAID = 394.00 Nos
								Now to Pay -115.00 Nos

6 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles asper IS 7834/1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead,lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as perspecifications and as per the directions of the Engineer in charge of the work- do - 75mm dia.

75mm dia PVC service saddles
Qty Vide Pre Measurement Sheet No 16
PREVIOUS PAID = 212.00 Nos
Now to Pay 0.00 Nos

7 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles asper IS 7834/1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead,lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as perspecifications and as per the directions of the Engineer in charge of the work- do - 90 mm dia

90mm dia PVC service saddles
Qty Vide Pre Measurement Sheet No 16
Total Tender Qty
PREVIOUS PAID = 14.00 Nos
Now to Pay 0.00 Nos

8 Supply and delivery at site special moulded variety 25 mm dia PVC service saddles asper IS 7834/1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead,lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as perspecifications and as per the directions of the Engineer in charge of the work- do - 110 mm dia

110mm dia PVC service saddles
Qty Vide Pre Measurement Sheet No 16
PREVIOUS PAID = 25.00 Num
Now to Pay 0.00 Num

9 Supply and delivery at site special moulded variety 25 mm dia PVC reducer saddles asper IS 7834/1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead,lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as perspecifications and as per the directions of the Engineer in charge of the work- do - 63 mm dia

63mm dia PVC reducer saddles
Qty Vide Pre Measurement Sheet No 16
PREVIOUS PAID = 33.00 Num
Now to Pay 246.00 Num

1ST AND PART MEASUREMENTS BOOK

No.	Description	Unit	Nos	L	B	D	Qty	Remarks
11	Supply and delivery at site special moulded variety 25 mm dia PVC reducer saddles as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do - 75 mm dia							

75mm dia PVC reducer saddles
 Qty Vide Pre Measurement Sheet No 16
 PREVIOUS PAID = 33.00 Num
 Now to Pay 179.00 Num

11 Supply and delivery at site special moulded variety 25 mm dia PVC reducer saddles as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do - 90 mm dia

90mm dia PVC reducer saddles
 Qty Vide Pre Measurement Sheet No 116
 PREVIOUS PAID = 14.00 Num
 Now to Pay 0.00 Num

12 Supply and delivery at site special moulded variety 25 mm dia PVC reducer saddles as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work- do -- 110 mm dia

110mm dia PVC reducer saddles
 Qty Vide Pre Measurement Sheet No 17
 Total Tender Qty
 PREVIOUS PAID = 25.00 Num
 Now to Pay 0.00 Num

13 Supply and delivery at site special moulded variety 25 mm dia PVC Elbows as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work

25mm Dia PVC Elbows
 Qty Vide Pre Measurement Sheet No
 PREVIOUS PAID = 1.00, 600 600.00 Num
 Now to Pay -70.00 Num

14 Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/1987 and fabricated as per IG124/1984 with ISI mark and with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work

15mm dia Coupler
 Qty Vide Pre Measurement Sheet No
 PREVIOUS PAID = 1200.00 Num

No	Description	Unit	Nos	L	R	D	Qty	Rate
								-140.00 Num

Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work

25mm Dal Tee
Qty Vide Pre Measurement Sheet No
PREVIOUS PAID = 2.00 600 1200.00 Num
Now to Pay -140.00 Num

16 Supply and delivery at site special moulded variety 25 mm dia PVC bend as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work

25mm Dal PVC Bend
PREVIOUS PAID = 1200.00 Num
Now to Pay -140.00 Num

17 Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work.

BIB COCK
Total Tender Qty
PREVIOUS PAID = 1.00 600 600.00 Num
Now to Pay -70.00 Num

18 Providing and fixing flow control valve using food grade materials SS 316 ball / 1/2" (15 mm) including cost of all materials, labour, charge, HOM and testing complete as per of following specifications. The FCV normal design is for 5 liter / min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7 lit/min at 1bar or more pressure. MOC of valve food grade stainless steel SS 316 MOC of ball: tainless steel SS 316. flow direction arrow embossed on its outside surface the valv should at as flow control valv and non return valve. minimum operating pressure 0.1kgf (10 cm head). Designed pressure : 1 mtr to 50 mtrs accuracy of valve: + 20% of average flow rate. orifice size not less than 12mm. ball size : not less than 12 mm weight of FCV : not less than 125 gms. length : not to be less than 70mm with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work

25mm DAI FCV
TOTAL QUANTITY DONE = 600.00 Nos
Now to Pay -70 Nos
Total

Sl. No	Description	Unit	Nos	L	B	D	Qty	Remarks
19	Supplying and laying RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 50mm beds for vehicles and slabs and rendered topsoil, including engraving letters KWB and Arrow 50mm deep on the top including laying demarcation stones 45 cms below ground level and in CC 13.6 15 cms height, 6 cms offset around the stone and curing for 10 days including earthwork excavation in all types of soils, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work							

RCC demarcation stone
PREVIOUS PAID = 600.00 Num
Now to Pay = 70.00 Num

20	Painting two coats on new concrete surface. Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces, with materials, labour complete as per specifications with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work		530	0.5	0.9		238.5 Sqm	
	Now to Pay						238.5 Sqm	

21	Painting new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. (ii) English and Roman - Hyphen and the like not to be measured and paid for "MORTH Specification No.801		530	96			50880	
	Total						50880 Sqm	
	Now to Pay						50880 Sqm	

22	Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer in charge of the work							
	PREVIOUS PAID						0.00 Num	
	Now to Pay						66.96 Num	

23	Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer in charge of the work		530	1.2	0.6	0.15	57.24 CUM	
	PREVIOUS PAID						0 CUM	
	Now to Pay						57.24 CUM	

24	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of work etc., complete as per specifications and as per the directions of the Engineer in charge of the work							
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DESCRIPTION

METER

PREVIOUS PAID

Now to Pay

100 500

60000 Num

70.00 Num

Supply and fixing of HDPE water meter box to protect the water meter of class 'S' multi jet type of size 16 to 22mm inches by UP PCC box with base dia 300mm/dia dia 200mm height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by P.C.C. 1:2:4 using 12 to 20mm FG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height, disposal of excess earth with all lead and lifts etc complete as per drawing enclosed, with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments and other incidental charges required for successful completion of

PREVIOUS PAID

Now to Pay

600 Num

-70 Num

[Signature]

Section Officer

[Signature]

[Signature]

Assistant Executive Engineer

R D W & S Sub Division, Mysore

Passed for Rs: 150000/-

By Adjustment (Deductions) 10000/-

Pay by RTGS/Rs: 140000/-

[Signature]

Accounts Supdt

[Signature]

Executive Engineer



Beel
Executive Engineer,
BDW & S. Dn., Vijayanur

PWSS SCHEME PROJECT

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 63 VILLAGES IN VIJAYAPUR DISTRICT (66 LPCD)

Head of A/C: JAL JEEVAN MISSION GRANT 2021-22

APL No:

DIVISION VIJAYAPUR

Estimated Cost Rs.

13500000.00

SUB DIV VIJAYAPUR

NAME OF VILLAGE SHIRABUR

NAME OF PANCHAYATH GUNADAL

House Holds

730

NAME OF TALUKA VIJAYAPUR

Vijayapur

NAME OF DISTRICT VIJAYAPUR

Vijayapur

Off. : Executive Engineer

R.D.W. & S Division Vijayapur

Assistant Executive Engineer

R.D.W. & S Sub Division Vijayapur

Name of Contract:

Estimated by : Sri.

Name of Cont :

Population as per	2021 Census :	1833
Name of Habitations and population:---		
1	SHIRABUR	
2		
3		
TOTAL		1833
Prospective Population		2575

Daily requirement of water

155788 LPD


Executive Engineer,
R.D.W. & S. Dn., Vijayapur

PWSS SCHEME PROJECT

Description	Unit	Nos	L	B	D	Qty	Remarks
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PREVIOUS PAID =
Now to Pay

153.83 Cum
3.96 Cum

Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 63 mm dia. Coils shall be used with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per the directions of the Engineer incharge of the work

Qty Vide Pre Measurement Sheet No 9&10

83MM DIA HDPE

PREVIOUS PAID =
Now to Pay

2808.00 Rmt
68.00 Rmt

PART RATE 10% RELEASE

Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 75 mm dia. Coils shall be used with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per the directions of the Engineer incharge of the work

75 MM DIA HDPE

Qty Vide Pre Measurement Sheet No 11

PREVIOUS PAID =
Now to Pay

1663.00 Rmt
265.00 Rmt

PART RATE 10% RELEASE

Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 90mm dia. Coils shall be used with all lead, lifts, loading & unloading charges including cost and conveyance of all materials, labour, equipments, HOM of machinery and other incidental charges required for successful completion of work etc. complete as per specifications and as per the directions of the Engineer incharge of the work

90 MM DIA HDPE

Qty Vide Pre Measurement Sheet No 12

PREVIOUS PAID =
Now to Pay
PART RATE 10% RELEASE

120.00 Rmt
0.00 Rmt

(Signature)
Executive Engineer.

D.D.W & S. Dn., Vijayapur.

NAME OF WORK : PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO
730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE,
VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER
53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPCD)

FACE SHEET

1 Name of Division

: R.D.W & SANITATION DIVISION VIJAYAPUR

2 Name of Sub Division

: R.D.W & SANITATION SUB DIVISION VIJAYAPUR

3 Major Head

4 Departmental Head

5 Service head

6 Fund Head

7 Sub Head

JAL JEEVAN MISSION GRANT 2021-22

ESTIMATED COST: Rs.13,500,000.00

Administrative Approval No & Date

Technical Sanction No & Date

Estimate Prepared by Shri

Estimate Checked by Shri

Srl

CERTIFICATE

The spot has been inspected by me and the Estimate is prepared using the sanction scheduled rates of PRED RWS SR 2019-2020 giving the most economical and safe way of executing the work.

GENERAL REPORT

The work PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPCD) is sanction under JAL JEEVAN MISSION GRANT 2021-22 and Rs. 13500000.00 has been provided as grant accordingly this estimate is prepared

This estimate population consider for 2011 Senses and IMS population in different hence the population is consider present spot population of 1833 and prepared estimate.

Section Officer

R.D.W. & S Sub. Division Vijayapur

Assistant Executive Engineer

1 of 1 R.D.W. & S Sub Division Vijayapur

ಸಾಮಾನ್ಯ ವರದಿ

ಇಲಿ ಜೀವನ ಮಿಷನ್ ರಡಿಯಲ್ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ ಕಾರ್ಯಕ್ರಮವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವ ಕುರಿತು.

ಇಲಿ ಜೀವನ ಮಿಷನ್‌ನ ವಿಷಯದ ಕುರಿತು ಪ್ರತಿಗ್ರಾಮೀಣ ಮನೆಗೆ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕದ ಮೂಲಕ 55 ಎಲ್.ಒ.ಸಿ.ಡಿ ಕುಡ್ಡುಮಡಿಯವರ ನಿರೀಕ್ಷೆ 2019-20 ರಿಂದ 2022-23 ಸಾಲಿಯೋಳಿಗೆ ಒದಗಿಸಲಾಗಿದೆ. ಇದಕ್ಕಿಲ್ಲದ ಸರ್ಕಾರದ ಹಾಗೂ ರಾಜ್ಯ ಸರ್ಕಾರದ ಮಹತ್ವಾಕಾಂಕ್ಷಿ ಮಿಷನ್ ಮೂಲಕ ಮತ್ತು ಕಾಲಬಾಧ್ಯಗೊಳಿಸಲಾಯಿತು.

ವಿಷಯವು ರೂಪಾಯಿ 1000000000 ರಲ್ಲಿ 107 ಗ್ರಾಮಗಳು ಹಾಗೂ 294 ಜನವಸತಿಗಳು ಒಳಗೊಂಡಿರುತ್ತವೆ.

ಇಲಿ ಜೀವನ ಮಿಷನ್ ರಡಿಯಲ್ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಮತ್ತು ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ ಕಾರ್ಯಕ್ರಮವನ್ನು SHIRABUR ಗ್ರಾಮದ SHIRABUR ಜನವಸತಿಯಲ್ಲಿ ತೆಗೆದುಕೊಳ್ಳಲಾಗುತ್ತಿದೆ. ಈ ಜನವಸತಿಯಲ್ಲಿ 1833 ಜನಸಂಖ್ಯೆಯಿದ್ದು, 730 ವೈಯಕ್ತಿಕ ಮನೆಗಳಿರುತ್ತವೆ (House Holds) ಈ ಮನೆಗಳ ಪೈಕಿ 15 ಮನೆಗಳಿಗೆ ಈಗಾಗಲೇ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ (FHTC) ಕಲ್ಪಿಸಲಾಗಿದೆ. ಹಾಗೂ ಇದಕ್ಕಿಲ್ಲದ 715 ಮನೆಗಳಿಗೆ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ (FHTC) ಕಲ್ಪಿಸಲಾಗಿದೆ. ಫಸ್ಟ್ 2021-22 ನೇ ಸಾಲಿನಲ್ಲಿ 715 (House Holds) ಒದಗಿಸಲು ಈ ಅಂದಾಜು ವ್ಯಕ್ತಿಯನ್ನು ತಯಾರಿಸಲಾಗಿರುತ್ತದೆ.

ಈ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ (ಈಗಾಗಲೇ) ಕಲ್ಪಿಸುವುದರೊಂದಿಗೆ ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ (In village infrastructure) ಗಳನ್ನು ಸಹ ಒದಗಿಸುವುದು ಅವಶ್ಯಕವಾಗಿರುತ್ತದೆ.

ಈ ಇಲಿ ಜೀವನ ಮಿಷನ್ ಯೋಜನೆಯಡಿ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ (FHTC) ಕಲ್ಪಿಸುವ ಅಂದಾಜು ವ್ಯಕ್ತಿಗಳಲ್ಲಿ ಈ ಕೆಳಗಿನ ಅಂಶಗಳನ್ನು ಪರಿಗಣಿಸಿರುತ್ತವೆ.

ಗ್ರಾಮದೊಳಗಿನ ಮೂಲಭೂತ ಸೌಕರ್ಯ (In village infrastructure) ಹಾಗೂ Rising Main/ Distribution Line HDPE Pipe ನ್ನು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕಕ್ಕಾಗಿ ವಾಟರ್ ಮೀಟರ್, ಟ್ಯಾಪ್ ಇತ್ಯಾದಿ ಅವಶ್ಯಕ ಪರಿಕರಗಳನ್ನು ಪರಿಗಣಿಸಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಜಲ ಜೀವನ ಮಿಷನ್ ಯೋಜನೆಯಡಿ ಕಾರ್ಯಾತ್ಮಕ ಸರ್ಕಾರಿ ಸಂಪರ್ಕ (FHTC) ಕಲ್ಪಿಸುವ ಅಂದಾಜು ವ್ಯಕ್ತಿಗಳಲ್ಲಿ (Implementation of in village infrastructure ತುಂಬು FHTC) ವಿನ್ಯತೆಯೇ ಆಗಿರಬಹುದು. DSR ಈ ವರದಿಯಲ್ಲಿ DSR ತಯಾರಿಕಾ ವೆಚ್ಚ, ಮೂರನೇ ವಕ್ರದ ಪರಿಶೀಲನಾ ಶುಲ್ಕದ ವೆಚ್ಚವನ್ನು ಸೇರಿಸಲಾಗಿದೆ.

ಕನಬುರ್ ಎಮ್ ವಿ ಎಸ್ ನೀರು ಹೊಸುರ ಪ್ಲಾಟಿವರೆಗೆ ವಿತಾರನಾ ಕೋಶವೆ ಮಾರ್ಗದ ಮೂಲಕ ನೀರು ಬರುತ್ತದೆ. ಆದರೆ ಶಿರಬುರ್ ಗ್ರಾಮಕ್ಕೆ ಬರದ ಕಾರಣ ಹೊಸುರು ಪ್ಲಾಟ್ ಹತ್ತಿರ ಒಂದು ಹೊಸ ನೀರು ಸಂಗ್ರಹಣಾ ತೋಟ್ಯ ಮಾಡಿ ಅಲ್ಲಿಂದ ಶಿರಬುರ್ ಟ್ಯಾಂಕಿಗೆ ನೀರನ್ನು ಪಂಪ್ ಮಾಡಿ ತುಂಬಿಸುತ್ತೇವೆ ಆದ ಕಾರಣ ಹೊಸ ನೀರಿನ ತೋಟ್ಯ ಮತ್ತು ಪಂಪನ್ನು ಅಳವಡಿಸಿರುತ್ತೇವೆ.

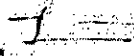
ಗ್ರಾಮದಲ್ಲಿದ್ದು ಸರಕಾರಿ ಕಟ್ಟಡಗಳು

- 1) ಗ್ರಾಮ ಕಛೇರಿ = 1
- 2) ಪ್ರಾಥಮಿಕ ಶಾಲೆ = 1
- 3) ಪಬ್ ಆಫೀಸ್ = 1
- 4) ಸರಕಾರಿ ಪ್ರಾಥಮಿಕ ಶಾಲೆ = 1
- 5) ಸರಕಾರಿ ಹಿರಿಯ ಪ್ರಾಥಮಿಕ ಶಾಲೆ = 1
- 6) ಉಪ್ಪು ಶಾಲೆ = 1
- 7) ಅಂಗಣವಾಡಿ = 1
- 8) ಬ್ಯಾಂಕ್ = 1
- 9) ಸಮುದಾಯ ಭವನ = 3
- 10) ಸೋಪಾಯಿಟಿ = 1
- 11) ದೇವಸ್ಥಾನ = 4
- 12) ದರ್ಗಾ/ ಮಸಜಿ = 1
- 13) ಸರಕಾರಿ ಅಂಗಡಿಗಳು = 1
- 14) ಸರಕಾರಿ ವಸತಿ ಗೃಹ = 1
- 15) ಗ್ರಾಮೀಣ = 1
- 16) ಸ್ವಯಂಸೇವಕ = 2

ಈ ಅಂದಾಜಿನ ಅನುದಾನದ ಹಂಚಿಕೆ ಈ ರೀತಿ ಮಾಡಲಾಗಿದೆ.

ಕ್ರ.ಸಂ.	ಅನುದಾನ	ಅನುಪಾತ	ವಿವರ
1	ಜಲ ಜೀವನ ಮಿಷನ್	ಗರಿಷ್ಠ ರೂ. 90	ಗರಿಷ್ಠ 45.0% 45.0% (ಕೇಂದ್ರ ಶಾಖದ ಖಾಲು) ಗ್ರಾಮೀಣಕಾರಿಯವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ಇಲಾಖೆಗೆ ಬಿಡುಗಡೆ ಮಾಡಲಾಗುವುದು.
2	ಸಮುದಾಯ ವಂತಿಕೆ	ರೂ. 5	ಗ್ರಾಮ ಪಂಚಾಯತಿಗಳು ಸಂಗ್ರಹಿಸಿ ಗ್ರಾಮೀಣಕಾರಿಯವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗವರಿಗೆ ಒಪ್ಪಂದ ಮಾಡುವುದು ಹಾಗೂ ಜಲ ಜೀವನ ಮಿಷನ್ ಮಾರ್ಗಸೂಚಿಯ ಪ್ರಕಾರ ನಿರ್ವಹಿಸುವುದು.
3	ಬೆರೆ ಹೂಕಾಣು ಮತ್ತು ಇತರೆ ಅನುದಾನ	ಕನಿಷ್ಠ ರೂ. 5	ಪಂಚಾಯತಿಗಳಿಗೆ ಸಂಸ್ಥೆಗಳಿಗೆ ಕೇಂದ್ರ ಸರ್ಕಾರದಿಂದ ಬೇರ ಬಿಡುಗಡೆ ಮಾಡಲಾಗುವುದು ಈ ಅನುದಾನವನ್ನು ಗ್ರಾಮೀಣಕಾರಿಯವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವಿಭಾಗವರಿಗೆ ಒಪ್ಪಂದ ಮಾಡುವುದು.

ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯನ್ನು ಮಾನ್ಯ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು, ಗ್ರಾ. ಕು. ನೀ. & ನೈ. ವೃತ್ತ ಬೆಳಗಾವಿ ಇವರುಗಳನ್ನು ವೃತ್ತ ಸಂ 2020-21/311 ದಿನಾಂಕ 10.07.2020 ರಂದು ಸೂಚಿಸಿದ ಅಂಶಗಳನ್ನು ಅನುಸರಿಸಿ ತಯಾರಿಸಿ ಸಲ್ಲಿಸಲಾಗಿದೆ. ಸದರಿ ಅಂದಾಜು ಪತ್ರಿಕೆಯನ್ನು ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಮತ್ತು ಆಂತರಿಕ ಮಂಜೂರಾತಿಗಾಗಿ ಸಲ್ಲಿಸಿದ ಅಂದಾಜು ಪತ್ರಿಕೆಯನ್ನು ಗ್ರಾಮೀಣಕಾರಿಯವ ನೀರು ಮತ್ತು ನೈರ್ಮಲ್ಯ ವೃತ್ತ ಬೆಳಗಾವಿ 2019-20ನೇ ಸಾಲಿನ ದರ ವೃತ್ತಿಯನ್ನು ಅಳವಡಿಸಿ ತಯಾರಿಸಲಾಗಿದೆ.


Section Officer

ಸಹಾಯಕೀಯ ನಿರೀಕ್ಷಕ ಅಭಿಯಂತರರು,
ಗ್ರಾ.ಕು.ನೀ.ನೈ. ಉಪ ವಿಭಾಗ ವಿಜಯಪುರ

PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPCD)

ABSTRACT

PART - A

1	COST OF PROVIDING AND INSTALLING OF BULK METER	1 No. = 52500.00	Rs. 52500.00
2	DETAILED ESTIMATE FOR OVER HEAD TANK - 50 KL, 7.0mtr sq	= 1315508.27	Rs. 1315508.27
3	ESTIMATE FOR CONSTRUCTION OF SUMP	= 551414.25	Rs. 551414.25
4	ESTIMATE OF PUMP & MOTOR	= 91637.00	Rs. 91637.00
5	PIPE MAIN 1700mts PE100 PNB (From Sump to PHT)	= 546865.00	Rs. 546865.00
6	Lumpsum provision made for fixing the JIM LOGO for demarcation stones, WPP & BLSR		Rs. 25000.00
TOTAL			2584085.15 Rs.
ADD 12% FOR GST			= 310089.18 Rs.
ADD FOR ROUNDING OFF			= 826.89
TOTAL ESTIMATED COST OF PART - A			= 2895000.00 Rs.
PER CAPITA/HOUSEHOLD			= 3965.75 Rs.

PART - B

7	SOURCE		EXISTING
8	DISTRIBUTION PIPELINE	6352.00 Mtrs	= 3751194.06 Rs.
9	HOUSE TAP CONNECTIONS	715 No's (715+15) = 4075581.47	Rs. 4019513.55
10	RETROFITTING FOR EXISTING HOUSEHOLD CONNECTIONS	15 Nos	= 84955.73 Rs.
TOTAL			7909731.26 Rs.
ADD 12% FOR GST			= 949167.75 Rs.
ADD FOR ROUNDING OFF			= 100.99
TOTAL ESTIMATED COST OF PART - B			= 8859000.00 Rs.
PER CAPITA/HOUSEHOLD			= 12135.62 Rs.
TOTAL ESTIMATED COST OF PART - A & B			= 11754000.00 Rs.
ADD CONTINGENCY AND TP 10%			Rs. 1148000.00
11	THIRD PARTY INSPECTION CHARGES (Including 18% GST)	0.50% Rs.	57400.00
12	PREPARTIN OF DSR CONTINGENCY, ETC (Including 18% GST)	0.78% Rs.	89544.00
ADD FOR ROUNDING OFF			Rs. 20000.00
GRAND TOTAL ESTIMATED COST			Rs. 13200000.00
SAY			132.00 LAKHS

Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

Executive Engineer
R.D.W. & S Division Vijayapur

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN
 SHIRAPUR HABITATION OF SHIRAPUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT
 THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (55 LPGD)

DETAILED ESTIMATE FOR DISTRIBUTION SYSTEM

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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1 Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.22.1, 2.22.2 & 2.22.3]

Concrete Roads	1	2249.00	0.60	0.9	1214.46	Cum		
Asphalt Roads	1	1704.00	0.60	0.9	920.16	Cum		
Other Roads	1	2399.00	0.60	0.9	1295.46	Cum		

Deduct Qty of Road
 Cutting as per Item No.3

3430.08

50%					1715.04			
a) In Ordinary Soil				30%	514.51	Cum	262.00	134802.00
b) In Hard Soil				35%	600.26	Cum	262.00	157268.00
c) In Ordinary rock without blasting				35%	600.26	Cum	592.00	355354.00

2 Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm where necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench, including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work in the following strata classifications by Mechanical Means [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.23.1 & 2.23.2]

50%

a) In Ordinary Soil				30%	514.51	Cum	130.00	66886.00
b) In Hard Soil				35%	600.26	Cum	130.00	78034.00
c) In Ordinary Rock (not requiring blasting)				35%	600.26	Cum	174.00	104445.00

3 Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.26]

Cutting Macadam Road Surface	1	150.00	0.60	0.25	22.50	Cum	346.00	7785.00
Cutting Asphalt Road Surface	1	110.00	0.60	0.27	17.82	Cum	542.00	9658.00
Cutting in Cement Concrete Road Surface	1	2249.00	0.60	0.15	202.41	Cum	1106.00	223865.00
Total Qty					242.73	Cum		

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
4	Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc. complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 110mm dia. Coils shall be used. [RDW&S BGM SR 2019-20 Chapter No: 10 Item No: 10.20.2] PE100 (PN 6.0 / 6Kg / cm ²)								
	ZONE-I	63 mm				3897.00	Rmt	130.00	506610.00
		75 mm				2081.00	Rmt	162.00	337122.00
		90 mm				0.00	Rmt	210.00	0.00
		110 mm				0.00	Rmt	288.00	0.00
		125 mm				0.00	Rmt	358.00	0.00
		140 mm				374.00	Rmt	451.00	168674.00
		160 mm				0.00	Rmt	556.00	0.00
		200 mm				0.00	Rmt	836.00	0.00
5	Providing 80 mm dia Sluice valve/ scour valve conforming to IS 1538 (Part I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.59.1, 15.59.2, 15.59.3, 15.59.4]								
	Sluice valve	80 mm dia				10.00	Nos	2900.00	29000.00
		100 mm dia				0.00	Nos	3800.00	0.00
		125 mm dia				0.00	Nos	4200.00	0.00
		150 mm dia				0.00	Nos	4900.00	0.00
	scour valve	80 mm dia				4.00	Nos	2900.00	11600.00
6	Supplying and fixing of fixed height surface box H-4057 MD-KU with PP 40% GF Lid, Housing of PA+, Locking clip of PP with Notched bolt M 12 x 130 hexagon head A2-70 for service connection valves, design derived from DIN 4057, Should be supplied with support tile I (FSL, FSS, SF) Should be able to receive class AA traffic loads. [KUWS&DB SR 2018-19 Item no: 20, Page no: 41]								
		14 Nos				14.00	Nos	2735.00	38290.00
7	KSRRB M400 - 17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No.406 [PWD, BGM SR 2018-19, Item No: 20.18, Page - 155]								
		1	2359.00	0.60	0.20	0.00	Cum	1826.00	0.00
8	Providing and laying in position plain cement concrete of grade M 15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and chills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.04]								
		1	2359.00	0.60	0.15	212.31	Cum	5526.00	1173012.75
								5760.20	1222948.00
	RA = 5525 + 4-80 (284 - 235)								

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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9 Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller) Note: Add Rs. 203.00 / cum for earth obtained from borrow pits. [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.25]

Qty as per Item No. 1 1715.04

Qty as per Item No. 2

Volume of laid pipe line 28.07

Refilling Qty 1686.97 Cum 103.00 173758.00

10 Labour charges for attending to repairs to the PVC pipes by earth work excavation cutting the old pipe installation and jointing of new pipe to the existing old pipe to the depth and line level and perfect linking at joints including cast of labour, hire charges of equipment refilling the excavated trenches compacting, finishing neatly by giving satisfactory hydraulic test etc, complete encasing the pipes around to a depth of not less than 15cms with earth available and refilling the excavated trenches giving satisfactory hydraulic test etc, complete

63mm(0.075) to 200mm (0.500)

1 635

Rmtr 197.00 125095.00
Total 3701258.75

3751194.06


Section Officer

R.D.W. & S Sub Division Vijayapur


Assistant Executive Engineer

R.D.W. & S Sub Division Vijayapur

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 63 VILLAGES IN VIJAYAPUR DISTRICT (SS LPCD)

PART - B

DETAILED ESTIMATE FOR HOUSE HOLD CONNECTIONS

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR-2019-20 Chapter No: 2 Item No: 2.26]								
	Cutting Macadam Road Surface	270	2.50	0.60	0.15	60.76	Cum	346.00	21023.00
	Cutting Asphalt Road Surface	192	2.50	0.60	0.27	77.68	Cum	542.00	42103.00
	Cutting in Cement Concrete Road Surface	253	2.50	0.60	0.15	56.96	Cum	1106.00	62998.00
2	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS: 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) [SR 2018-19 of PW, P, IWT, DEPT Page No: 99 Item No: 13.87, 13.87.1]								
	15 MM Dia Nominal OD Pipes	715	6.60			4719.00	Rmt	126.00	594594.00
3	Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments. [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.50]								
	63 mm dia	456	1.00			456.00	No	90.00	41040.00
	75 mm dia	252	1.00			252.00	No	120.00	30240.00
	140 mm dia	7	1.00			7.00	No	200.00	1400.00
4	Supply and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.47]								
	63 mm dia	456	1.00			456.00	No	140.00	63840.00
	75 mm dia	252	1.00			252.00	No	150.00	37800.00
	140 mm dia	7	1.00			7.00	No	270.00	1890.00
5	Supply and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.43]								
	15mm	715	1.00			715.00	No	35.00	25025.00
6	Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark and with its latest amendments [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.42]								
		715	2.00			1430.00	No	15.00	21450.00
7	Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.44]								
		715	2.00			1430.00	No	30.00	42900.00

Sl. No	DESCRIPTION OF ITEMS	No	I	II	D	QTY	UNIT	RATE	AMOUNT
8	Supply and delivery at site special moulded variety 25 mm dia PVC head as per IS 7034/1987 and fabricated as per IG 124/1984 with ISI mark with its Patent amendments [RDW&S BGM SR 2019-20 Chapter No: 15, Item No: 15.45]	715	2.00			1430.00	No	40.00	57200.00
9	KSRD13-6.1-1: Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KUS 13.2.2 / 13.3 [PWD BGM SR 2010-19 Page No: 93 Item No: 13.23]	715	1.00			715.00	No	190.00	135850.00
10	KSRD13-6.3-1: Providing and fixing Flow control valve using food grade materials SS 316 ball/1/2" (15mm) including cost of all materials, labour charges, HOM and testing complete as per of following specification. The FCV normal design is for SL4/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7L/min at 1 bar or more pressure. MOC of valve: Food grade stainless steel SS 316 MOC of ball: stainless steel 316. flow direction arrow embossed on its outside surface the valve should act as flow control Valve and non return valve. Minimum operating pressure 0.1kgf (10cm head). Designed pressure: 1 meter to 50 meters. Accuracy of valve: ±20% of average flow rate. Orifice size: not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length: not be less than 70mm.	715	1.00			715.00	No	255.00	182325.00
11	Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for verticals and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height 8 cms offset around the stone and curing for 10 days including earthwork excavation to all types of soils with all leads and [RJR 2018-19 of KUWS & DB Page No: 42, Item No: 24]	715	1.00			715.00	No	440.00	314600.00
12	Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification complete as per specifications. RWS SR BGM 2019-20, ITEM NO 24.7	715	0.50	0.9	sqm	321.75		82.00	26384.00
13	Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification (i) english and roman hyphen and the like not to be measured and paid for morth specification no 801 with black japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITBM NO 24.10	716	96	cm		88640		0.70	48048.00
14	KSRRB M400: 17. Providing, laying, spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 [PWD BGM SR 2018-19, Item No: 20.18, Page- 155]	446	2:6	0.8	0.2	0	Cum	1826.00	0.00
15	Providing and laying in position plain cement concrete of grade M-15 with OPC cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.91] L. O.L.	445	2.50	0.60	0.15	100.13	Cum	5760.20	576768
	For Platform	715	1.20	0.60	0.15	77.22	Cum	5626.00	53210.25
							Cum	5366.00	44385.30
							Cum	5760.20	444802

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
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16 KSRB13-5 : Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.19 / 13.16 (PWD BGM SR 2018-19 Page No: 96 Item No: 13.22]

715 1.00 715.00 No 1320.00 943800.00

17 Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mmx lid dia 200mmx height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KUWS SR 2018-19 P-69 Item No: 55]

715 1.00 715.00 Nos 500.00 357500.00

Total

~~1019513.55~~

4072581.47


Section Officer
R.D.W. & S Division Vijayapur


Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT (SS I.P.C.D)

**PART - B
DETAILED ESTIMATE FOR RETROFITTING CONNECTIONS.**

INT

N. No	DESCRIPTION OF ITEMS	No.	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. [RDW&S BGM SR 2019-20 Chapter No: 2, Item No: 2.76]								0.00
	Cutting Macadam Road Surface	6	2.50	0.60	0.15	1.35	Cum	346.00	467.00
	Cutting Asphalt Road Surface	4	2.50	0.60	0.27	1.62	Cum	542.00	878.00
	Cutting in Cement Concrete Road Surface	5	2.50	0.60	0.15	1.13	Cum	1106.00	1250.00
2	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threading fittings, this includes jointing of pipes and fitting with one step solvent cement, trenching, refilling and testing of joints complete (External Work) [SI 2018-19 of P.W, P.IWT, DEPT Page No: 99, Item No: 13.87, 13.87.1]								
	15 MM dia Nominal OD Pipes	15	6.60			99.00	Rmt	126.00	12474.00
3	Supply and delivery at site special moulded variety 25 mm dia PVC service saddles as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.50]								0.00
	63 mm dia	10	1.00			10.00	No	90.00	900.00
	75 mm dia	5	1.00			5.00	No	120.00	600.00
	140 mm dia	0	1.00			0.00	No	200.00	0.00
4	Supply and delivery at site special moulded variety 25 mm dia PVC reducer as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.47]								0.00
	63 mm dia	10	1.00			10.00	No	140.00	1400.00
	75 mm dia	5	1.00			5.00	No	150.00	750.00
	140 mm dia	0	1.00			0.00	No	270.00	0.00
5	Supply and delivery at site special moulded variety 25 mm dia PVC elbows as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.43]								0.00
	15mm	15	1.00			15.00	No	35.00	525.00
6	Supply and delivery at site special moulded variety 25 mm dia PVC couplers as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark and with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.42]								0.00
		15	2.00			30.00	No	15.00	450.00
7	Supply and delivery at site special moulded variety 25 mm dia PVC tee as per IS 7834/ 1987 and fabricated as per IG124/ 1984 with ISI mark with its latest amendments [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.44]								
		15	2.00			30.00	No	30.00	900.00

6768
#1
88
4802

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTY	UNIT	RATE	AMOUNT
8	Supply and delivery at site special moulded variety 25 mm dia PVC bend as per IS 7034/1987 and fabricated as per IG124/1984 with ISI mark with its latest amendments [RDW&S BGM SR-2019-20 Chapter No: 15 Item No: 15.45]	15	2.00			30.00	No	40.00	1200.00
9	KSRB13-6.1.1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all loads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 [PWD BGM SR 2018-19 Page No: 93 Item No: 13.23]	15	1.00			15.00	No	190.00	2850.00
10	KSRB13-6.3.1 : Providing and fixing Flow control valve using food grade materials SS-316 ball/1/2"(15mm) including cost of all materials,labour charges, HOM and testing complete as per of following specification. The FCV normal design is for 5Lit/Min. Discharges at 0.5 bar pressure loss and should not exceed the flow the range of 7Lit/min at 1 bar or more pressure. MOC of valve- Food grade stainless steel SS-316 MOC of ball: stainless steel 316. flow direction arrow embossed on its outside surface the valu should act as flow control Valve and non return valve. Minimum operating pressure-0.1kgf (10cm head). Designed pressure: 1meter to 50 meters. Accuracy of valve +20% of average flow rate. Orifice size not less than 12mm. Ball size: not less than 12mm. Weight of FCV: not less than 125gms. Length: not be less than 70mm.	15	1.00			15.00	No	255.00	3825.00
11	Supplying and fixing RCC demarcation stones of 30 cms x 15 cms and 90 cms deep using 1:2:4 and 6 mm rods for verticals and stirrups and rendered smooth, including engraving letters KWB and Arrow 6 mm deep on the top including fixing demarcation stones 45 cms below ground level and in CC 1:3:6 15 cms height, 8 cms offset around the stone and curing for 10 days including earthwork excavation in all types of soils with all leads and lift [SR 2018-19 of KUWS & DB Page No: 42 Item No: 24]	15	1.00			15.00	No	440.00	6600.00
12	Providing two coats on new concrete surface painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surface complete as per specification complete as per specifications.RWS SR BGM 2019-20, ITEM NO 24.7	15	0.50	0.9	sqm	6.75		82.00	554.00
13	Painting new letters and figures of any shade with synthetic enamel paint black or any other approve colour to give an even shade complete as per specification If) english and roman hyphen and the like not to be measured and paid for morth specification no 801 with black japan paint including scaffolding wherever necessary. RWS SR BGM 2019-20, ITEM NO 24.10	15	96	cm		1440		0.70	1008.00
14	KSRRB M400 - 17: Providing, laying,spreading and compacting crushed stone aggregates of granite /trap/basalt to wet mix macadam specifications including per mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site,laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH Specification No.406 [PWD BGM SR-2018-19, Item No: 20.18, Page- 155]	9	2.5	0.6	0.2	0	Cum	1826.00	0.00
15	Providing and laying in position plain cement concrete of grade M 15 with OPC cement @ 240kgs with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggretes @ 0.459cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted. In foundation, including cost of all materials, labour, HOM of machinery,curing complete as per specifications. [RDW&S BGM SR 2019-20 Chapter No: 4 Item No: 4.01]	9	2.50	0.60	0.15	2.03	Cum	5760.20	11698
								5525.00	11215.25
	For Platform	15	1.20	0.60	0.15	1.62	Cum	5365.00	8694.30
								5760.20	9331.5

NAME OF WORK: PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR
 HABITATION OF CHIDAMBUR MALLA, UTHAMAPUR, MALUR IN UTHAMAPUR DISTRICT THROUGH MAMAPUR & OTHERS

Sl No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
16	KSRB13-5: Providing and fixing water meter with stop cock, Jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Specification No.KDS 13.2.19 / 13.16 [PWD BGM SR 2018-19 Page No: 96 Item No: 13.22]	15	1.00			15.00	No	1320.00	19800.00
17	Supply and fixing of HDPE water meter box to protect the water meter of class 'B' multijet type of size 15 to 32mm including HDPE box with base dia 300mmx lid dia 200mmx height 250mm with openable lid and the cover is buried below GL with lid flush with GL including earthwork excavation for 600mmx600mm and base sand filling for 100mm thick over which the cover is placed and enclosed by PCC 1:2:4 using 12 to 20mm BG jelly for an height of 150mm and refilling with excavated earth for balance 100mm height disposal of excess earth with all lead and lifts etc complete as per drawing enclosed [KUWS SR 2018-19 P-69 Item No: 55]	15	1.00			15.00	Nos	500.00	7500.00

Total

~~83830.05~~

84950.73

Section Officer
 R.D.W. & S Division Vijayapur

Assistant Executive Engineer
 R.D.W. & S Sub Division Vijayapur

SUMP DESIGN
(Design of Sump at shirabur village)

Pure water gravity supply from MBR = 20 hours
 Power supply available at SUMP location = 20 hours
 Population of village for 2051 = 2575

As per the Gravity Main Design from

Water Demand of the village = 166618 LPD

Inflow of water to the IPS Sump from MBR = $\frac{166618 \text{ LPD}}{20 \text{ hours}}$
 = 8331 LPH

Though the Inflow & Outflow to the Sump is for 20 hours. Hence a Sump of minimum 4 hours capacity is considered.

Therefore provide a Sump of minimum = 4 hours capacity

Capacity of Sump = 8331.0 lph x 4 hours
 = 33324 ltrs
 = 33.32 Cum

Consider 3.0 Mtr of Static Water Depth

Hence, diameter of Circular Tank = $\sqrt{\frac{33.32 \times 4}{3 \times 3.142}}$
 = 3.76 m

Hence, provide a Circular Tank of 3.80 Mtr diameter

Hence, actual capacity of Sump = 34.0 Cum

Say, 50 Cum

Hence, actual capacity of Sump = 4.08 Hours


Section Officer

Assistant Executive Engineer
 R D W & S Sub Division, Vijayapur.

ESTIMATE FOR CONSTRUCTION OF BUMP
(50 Cum capacity, 3.50 M DIA.)

SI No	Description	Unit	Nos	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
1	Earth work in excavation of foundation of structures upto 3 m depth as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 100km lead, including cost of labour, materials and HOM of machines etc., complete. (RWS SR, BNG, 2019-20, ITEM NO, 2.09) In Hard Soil	Cum	1	3.142 ² (7.2) ² /4		2.90	111.02	87.00	
							Total	53.00 87.00	9710.61
2	Providing and laying in position plain cement concrete of grade M-10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.692cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS, BNG, SR, 2019-20, Item- 4.02 Page No-)	Cum	1	3.142 ² (5.90) ² /4		0.15	4.10		
	For Ramp at entrance	Cum	1	1.50	1.20	0.15	0.27		
							Total	4.37	5281.00
3	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure work for raft foundation column footing, main and secondary beams, Flash mbars, Flocculator, RSF, Raft of Zonal balancing Tanks, Raft of Master Blending Tank, Raft of IPS/MP, Pure water sump etc., including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges). (RWS, BGM, SR, 2019-20, Item- 4.37 Page No-)	Cum	1	3.142 ² (5.60) ² /4		0.30	7.39	5950.8	
	For Raft							6487.00	
							Total	5598.00	48622.83
4	RCC staining: Providing and laying vibrated cement concrete proportion M-26 with cement @ 340kgs, with 20mm and down size graded granite or trap or basalt jelly metal coarse aggregates @ 0.70cum and fine aggregates @ 0.470 cum, with super plasticisers @ 3 liters conforming to IS: 8104-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works, including shoring, strutting, form work, balling out water, mixing with machine mixer, laying, vibrating, curing with all lead and lifts etc., complete as per specification for well staining. (RWS, BNG, SR, 2019-20, Item: 11.08 Page No-) <i>spend on 5% of charge I - 4.38.2 p- 28.</i>	Cum	1	3.141x4.75	0.25	3.05	11.38	6167.8	
	For staining wall							1246.00	
	Area Weightage 5%						Total	5815.00	19468.30
									66174 70189.5

<p>5 Providing and laying Reinforced cement concrete of mix design of M-25 Grade with cement @ 340 kg, 20mm and graded granite or trap or basalt jelly of approved quality @ 0.7 cum and fine aggregates @ 0.47 cum, super plasticiser @ 3lts conforming to IS-9103-1999 reaffirmed 2008 in layers of not more than 15 cms thick, well consolidated including centering, formwork, vibrating, curing, smooth finishing to the required plumb and face in C.M. 1:3 proportion wherever necessary etc., complete as per design and specifications etc. complete for top rib and top dome or top slab (exclusive cost of steel and fabrication charges) RWS SR BGM 2018-19 ITEM NO 4.55 <i>specification to be change J-4.38-2 P-26</i></p>						
<p>For Slab <i>m-30</i></p>						
a) Deck level Slab for Sump	Cum	1	3.141/4	5.0 ²	0.15	2.95
b) Roof Slab for Pump House	Cum	1	3.141/4	5.20 ²	0.15	0.00
Ring beam						
a) At Deck level	Cum	1	3.141 x 4.75 x 0.25 x 0.40			1.49
b) At Roof level	Cum	1	3.141 x 4.73 x 0.23 x 0.50			0.00
For Column:						
	Cum	6	0.23	0.30	3.15	0.00
For Lintel						
	Cum	1	3.141 x 4.77 x 0.23 x 0.20			0.00
	Cum				Net	4.44
						6167.8
						12304.00
						5815.50
Total						12304.0
						54620.78
<p>6 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 RWS SR BGM 2018-19 ITEM NO 5.10 <i>P-43</i></p>						
BBM	Cum	1	3.141x4.77	0.23	3.15	10.85
Deductions for openings - Rolling Shutter						
Rolling Shutter	Cum	1	1.20	0.23	2.10	0.58
Windows	Cum	3	1.50	0.23	1.20	1.24
						1.82
	Cum				Net	8.03
						6789.8
						6789.90
						6231.00
Total						6789.0
						60582.27
<p>7 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.05175cum and fine aggregates @ 0.0345cum, with superplasticiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. RWS SR BGM 2018-19 ITEM NO 4.12</p>						
Chajja above Rolling Shutter	Sqm	1	1.40	0.75		1.05
Chajja above Window	Sqm	3	1.70	0.75		3.83
						4.88
						467.52
						474.00
						444.00
Total						474.0
						2313.42

25818.60
27585.0
66780.9
61311.89
2466.7
2281.50

<p>8 Providing and fixing pull and push type rolling shutters of approved make out of 18 gauge, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3m x 2.8 m Specification No. KBS 7.10 / 7.12. RWS SR BGM 2018-19, ITEM NO 6.05</p>	<table border="1"> <tr> <td>Sqm</td> <td>1</td> <td>1.20</td> <td>2.10</td> <td>2.52</td> <td>2880.00</td> </tr> </table>	Sqm	1	1.20	2.10	2.52	2880.00	<p>2880.00 2607.00</p>	<p>6753.60 6569.14</p>																																																
Sqm	1	1.20	2.10	2.52	2880.00																																																				
<p>9 Providing and fixing top covers made out of 20 gauge M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting, materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 7.10.8 / 7.12 RWS SR BGM 2018-19, ITEM NO 6.06</p>	<table border="1"> <tr> <td>Rml.</td> <td>1</td> <td>1.20</td> <td>-</td> <td>1.20</td> <td>480.00</td> </tr> </table>	Rml.	1	1.20	-	1.20	480.00	<p>480.00 482.00</p>	<p>676.00 578.40</p>																																																
Rml.	1	1.20	-	1.20	480.00																																																				
<p>10 Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.418 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28Kg/m duly providing T section 18x18x3mm weighing 0.839 kg/m for glazing of windows not more than 94 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel sections should conform to I.S. 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 (RWS, BGM, SR, 2018-20, Item- 6.07 Page No-)</p>	<table border="1"> <tr> <td>Sqm</td> <td>3</td> <td>1.50</td> <td>1.20</td> <td>5.40</td> <td>3025.00</td> </tr> </table>	Sqm	3	1.50	1.20	5.40	3025.00	<p>3025.00 3913.00</p>	<p>24540.00 21136.2</p>																																																
Sqm	3	1.50	1.20	5.40	3025.00																																																				
<p>11 Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. RWS SR BNG 2018-19, ITEM NO 9.26</p>	<table border="1"> <tr> <td>Ceiling</td> <td>Sqm</td> <td>1</td> <td>3.141x(4.54)²/4</td> <td>16.18</td> <td></td> </tr> <tr> <td>BBM Wall - Inside</td> <td>Sqm</td> <td>1</td> <td>3.141x4.54 x 3.15</td> <td>44.92</td> <td></td> </tr> <tr> <td>BBM Wall - Outside</td> <td>Sqm</td> <td>1</td> <td>3.141x5.0 x 3.15</td> <td>49.47</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>110.58</td> <td></td> </tr> <tr> <td>Deductions for openings - Rolling Shutter</td> <td>Sqm</td> <td>1</td> <td>1.20</td> <td>2.10</td> <td>2.52</td> </tr> <tr> <td>Windows</td> <td>Sqm</td> <td>3</td> <td>1.50</td> <td>1.20</td> <td>5.40</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>7.92</td> <td></td> </tr> <tr> <td></td> <td>Sqm</td> <td></td> <td></td> <td>Net</td> <td>102.66</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total</td> <td>210.0</td> </tr> </table>	Ceiling	Sqm	1	3.141x(4.54) ² /4	16.18		BBM Wall - Inside	Sqm	1	3.141x4.54 x 3.15	44.92		BBM Wall - Outside	Sqm	1	3.141x5.0 x 3.15	49.47						110.58		Deductions for openings - Rolling Shutter	Sqm	1	1.20	2.10	2.52	Windows	Sqm	3	1.50	1.20	5.40					7.92			Sqm			Net	102.66					Total	210.0	<p>210.0 216.00 203.00</p>	<p>21558.60</p>
Ceiling	Sqm	1	3.141x(4.54) ² /4	16.18																																																					
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	Sqm			Net	102.66																																																				
				Total	210.0																																																				

20839.4

12	Providing and laying flooring with 1:2:4 Cement Concrete, 40 mm thick using broken granite/trap/basalt metal of 20mm and down size laid to line and level in one layer and finish with a floating coat of neat cement, including cost of materials, labour, curing, complete as per specifications. (PW.P&I/WTD, South zone BtG, 2018-19, Page- 103, Item- 14.8)	Sqm	1	3.141/4	4.54 ²	16.19	373.00	
							352.00	
						Total	973.0	6698.87
13	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. RWS SR BGM, 2018-19, ITEM NO 4.59	Kg	28.1	x	90	2528.00	89.358	
							70.37	213928.1
						Total	69.4	125512.60
14	Providing 2 coats of snowcem Water-proof cement paint painting over one coat of primer including scrapping the exposed faces, removing loose plastering, removal of vegetations, fungus, cleaning the surface, replastering wherever required in CM 1:3 to the required shape with necessary scaffolding & curing etc., (Including cost of materials). RWS SR BGM 2018-19, ITEM NO 4.71	Stab	Sqm	1	3.141x(5.20 ²)/4	21.23		
	BBM Wall - Inside	Sqm	1	3.141x4.54	x 3.5	49.91		
	BBM Wall - Outside	Sqm	1	3.141*5.0	x 3.5	54.97		
						126.11		
	Deductions for openings - Rolling Shutter	Sqm	1	1.20	-	2.1	2.62	
	Windows	Sqm	3	1.50	-	1.2	5.40	
							7.92	
						Net	118.19	213.00
						Total	213.0	25174.47
15	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.). RWS SR BGM 2018-19, ITEM NO 4.66	Each	1	-	-	1	1818.00	
						Total	1818.0	1818.00
16	Ladder inside the container: Providing anodized aluminium ladder using 65mm x 32mm x 3.0mm 'C' section for ladder side channel x 25mm dia., flutal pipe for Rungs at 250mm c/c ladder fixed at an angle of 70 degrees to horizontal including necessary 25mm dia., G.I. shutters with necessary G.I. fasteners for bracing the ladders to the Tank walls to prevent buckling of the ladder with necessary (M-15) bed for embedding the ladder bottom complete. RWS SRBGM 2018-19, ITEM NO 4.63	Rmt	1	5.00	-	5.00	3099.0	
						Total	3099.0	15495.00

17 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chiselled dressed in courses not less than 15 cms high, bond stones at 2 m. apart in each course including cost of materials, labour, curing complete as per specifications. RWS SR BGM 2018-19, ITEM NO 5.02									
Ramp at entrance	Cum	0.5	1.50	1.20	1.00	0.90			
					Net	0.90	5664.00	5212.80	
							5792.80		
					Total		5664.0	5097.60	
505523-74							Total	665250.00	
							Say	670000.00	
No. of SUMP							0.0	-0.00	

551414.25

J. —
Section Officer

Assistant Executive Engineer
R.O.W & S Sub Division, Vijayapur.

PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT(55 LPCD)

PUMP & MOTOR ERECTION:

Sl. No	RWS-2019-20 BGM	Description of the Item	Units	Qty	Rate Rs.	Amount Rs.
1	I-12.02.5f	Supplying of submersible pump set of 150mm dia suitable for open well and conforming to IS: 8034 3PHASE, SS Bowl & Impeller with Low volt Motor and as per specification 5.0 HP	Each	1	22230 20905.00	22230 30905.00
2	I-10.04.3	Supplying, laying, jointing, testing and commissioning of GI Pipes conforming to IS-1239/1990 with latest amendments, including fixing collars, elbows, tees, bends, glad cocks and other fittings (Excluding cost of specials) with cuts and threads wherever necessary including conveying the materials to workspot, including testing for water tightness with all lead and	80mm / Mts	25	class - C (Heavy) 683.00	17075.00
3	I-12.03	Supply and delivery at site brand new make PVC Insulated cable of flat 3 core (sheathed) of nominal cross sectional area as per IS: 694-1990 with ISI mark as per its latest amendments	1X3X10 S2mm Mts	20	220.00	4400.00
4	I-12.04	Supplying and delivery at site of brand new best make pressure gauge bourdon type as per IS 778/1984 with ISI mark and as per its latest amendments SIZE 100mm	Each	1	490.00	490.00
5	I-12.06. c	Supplying, and delivery at site of brand new best, make NON-Return Valve as per IS 778/1984 with ISI MARK AND AS PER ITS LATEST AMENDMENTS SIZE 80MM	Each	1	1575.00	1575.00
6	I-12.07	supply, installing testing and Common control panel indoor type consisting of the following phase indication lamp-3 nos, fault indication lamp-1 no. Digital VAF meter -1 no on/off illuminated push button-2 nos including protection for a) over voltage, b) under voltage, c) voltage unbalance, d) over current e) dry run. f) provision to connect float switch. Indoor type NOTE: 1) DOL-Direct online starter 2)S-D STAR DELTA STARTER.	Each	1	8550.00 13288.00	8550.00 13288.00
7	I-12.09	supply and delivery at site best indigenous brand NEW Power Capacitor as per IS 2834/1986 with latest amendments with KPTCL authorities and erection electrification and commissioning of the same at the location of respective pump sets.	kvar	4	450.00	1800.00
8	I-12.10	SUPPLY AND DELIVERY at site delivery of best indigenous brand new MCB (Miniature circuit breakers) of required capacity as per IS 8828/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box	per Each Rmt	3 per 4	1025.00	4100.00
9	I-12.16	Labour charges for erection electrification and commissioning of pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps bore well caps cable clips and water tight gland cable protectors, bolts nuts, valve and gauges, tools and equipments etc. involved in the job as per specifications, with necessary test as per specification with testing of as per instruction of enginee incharge of work.	Job	1	5650.00	5650.00
10	I-12.17	Labour charges for erection of indoor type panel board and meter board units with all necessary materials and labour tools and equipments including providing cement concrete foundation bed etc. complete as per specifications, with testing of as per instruction of enginee in charge of work.	Job	1	1127.00	1127.00

RWD
XLVD
I-4
5/3.3

11	I-12.19 c	providing main connection from pole PVC Insulated sheathed steel wire cable as per IS 1554/1988 with latest amendments with ISI mark from KPTCL pole to meter board unit(3*10 sqmm.	Mts	20	156.00	3120.00
		EARTHING				
12	I-12.23	Earthing; supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in yhe pit, the pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. the connection from the pipe to the conduits.	Nos.	1	3633.00	3633.00 10899.00
13	I-10.15	RCC hume pipe Circular pump house supplying precast RCC circular Hume pipe pump house with M S DOOR and RCCconical roof as per specification and drawing internal dia Mtr. 1200mm & height of 2.5 mtr with wall thickness	Nos.	1	16000.00	16000.00
14	I-10.16	Providing & fixing of Rec hume pipe pump house/Cistern on size stone masonry platform including transportation charges and handling with all necessary tolls and plants and materials etc. complete as	Set	1	1887.00	1887.00
15	BESCO M	UESCOM DEPOSIT AMOUNT	UMSU	1	250000.00	300000.00
					91637.00	TOTAL 442316.00
No. of Pumping Machinery				0	0.00	0.00

[Signature]
Section Officer

[Signature]
Assistant Executive Engineer
R D W & S Sub Division, Vijayapur.

Capacity of Over Head Tank

SHIRBUR

Total Population under OHT (Year-2051)	2575	Souls
Total Water demand with 55 lpcd	155788	LPD
Required Total Capacity of Storage (ltrs)	77894	Liter
Capacity (ltrs)	77894	Liter
Total Existing Storage (ltrs)	0	Liter
Balance required capacity (ltrs)	77894	Liter
proposed OHT (ltrs)	50000	Liter

DETAILED ESTIMATE FOR CONSTRUCTION OF E.L.S.R - 50 KL CAPACITY

Staging height - 7.5 Mtr.

Sl No	Description	Unit	No.	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
1	Earth work in excavation of foundation of structures upto 3 m depth as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead, including cost of labour, materials and HOM of machineries, etc. complete. (RWS, BGM, SR, 2019-20, Item-2.09.1) mechanical means. In all kind of Soil.	Cum	1	3.141*5.05	2.50	2.5	99.14	52.00	5155.28
2	Providing and laying granite or basalt or trap jelly cement concrete using 40mm and down size jelly for foundation laid in 15cms thick layers and well compacted including machine mixing, curing etc. complete as per specifications. Cement Concrete M10. (RWS, BGM, SR, 2019-20, Item-4.02, Page-22) 291-5291+4-10(204-235)	Cum	1	3.141*5.05	2.50	0.15	5.95	5496.6 5201.00	31422.89 32704.37
3	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 30 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure work for raft foundation column footing, main and secondary beams. Flash mixers, Flocculator, RSF, Raft of Zonal balancing Tanks, Raft of Master Blancing Tank, Raft of IPS/IMP, Pure water sump etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) (RWS, BGM, SR, 2019-20, Item-4.37)								
	Raft slab	Cum	1	3.141*2.50	2.15	0.30	5.06	7493.8	
	Ring beam (balance portion)	Cum	1	3.141*5.05	0.3	0.40	1.90	7111	
	Column below GL	Cum	6	0.30	0.30	1.25	1.95	5598.00	49879.00
							8.91		

Specification to be change I - 4.44 p- 30

63626-31
66769-76

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)	
4	Providing and laying Reinforced cement concrete of mix design of M-30 Grade with cement @ 360 kg, 20mm and graded granite or trap or basalt jelly of approved quality @ 0.69 cum and fine aggregates @ 0.46 cum, super plasticiser @ 3lts confirming to IS-9103-1999 reaffirmed 2008 in layers of not more than 15 cms thick, well consolidated including centering, formwork, vibrating, curing, smooth finishing to the required plumb and face in C.M. 1:3 proportion wherever necessary etc. complete as per design and specification for staging, columns and braces above ground level (exclusive of cost of steel and fabrication charges) (RWS, BGM, SR, Item- 4.48) staging 7.5 mtr									
		Columns	Cum	6	0.30	0.30	7.50	4.05		
		Bracing beam	Cum	18	2.31	0.26	0.375	4.05		
		Haunches	Cum	72	0.075	0.15	0.210	0.17	1264	191566.00
							8.27	12274.00	104423.00	
5	Providing and laying Reinforced cement concrete of mix design of M-30 Grade with cement @ 360 kg, 20mm and graded granite or trap or basalt jelly of approved quality @ 0.69 cum and fine aggregates @ 0.46 cum, super plasticiser @ 3lts confirming to IS-9103-1999 reaffirmed 2008 in layers of not more than 15 cms thick, well consolidated including centering, formwork, vibrating, curing, smooth finishing to the required plumb and face in C.M. 1:3 proportion wherever necessary etc. complete as per design and specification and giving satisfactory water proof test including construction joints wherever necessary as per the directions of the departmental Officers complete for ring beam, side walls, bottom dome or bottom slab, shell portion and bottom ribs (exclusive of cost of steel and fabrication charges and jointing) (RWS, BGM, SR, 2019-20, Item- 4.52) staining height 10.5 mtr									
		Bottom Ring beam	Cum	1	3.141x5.05	0.30	0.45	2.14		
		Bottom slab	Cum	1	3.142 ² (4.85) ² /4		0.350	6.07		
		Fillet	Cum	1	3.141x5.0x0.5x0.15		0.15	1.18		
		Walkway	Cum	1	3.141x5.85	0.65	0.125	1.52		
		Cylindrical wall	Cum	1	3.141x5.15	0.15	2.65	6.43		
							17.34	17370.00	901166.00	

17728 307313-35

No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
6	Providing and laying Reinforced cement concrete of mix design of M-30 Grade with cement @ 360 kg, 20mm and graded granite or trap or basalt jelly of approved quality @ 0.69 cum and fine aggregates @ 0.46 cum, super plasticiser @ 3lts confirming to IS-9103-1999 reaffirmed 2008 in layers of not more than 15 cms thick, well consolidated including centering, formwork, vibrating, curing, smooth finishing to the required plumb and face in C.M.1:3 proportion wherever necessary etc., complete as per design and specifications etc., complete for top rib and top dome or top slab (exclusive cost of steel and fabrication charges). RWS SR BGM 2018-19, ITEM NO 4.56 staging height 7.5 mtr								
	Top dome	Cum	2	3.141x3.63	1.00	0.100	2.28		
	Top ring beam	Cum	1	3.141x5.20	0.20	0.20	0.65		
	Crown beam	Cum	1	3.141x0.75	0.15	0.15	0.05		
	Landing beam	Cum	3	0.90	0.26	0.38	0.27		
	Landing slab	Cum	3	0.90	0.90	0.15	0.36		
							3.61		
	Deductions								
	Manhole	Cum	1	0.60	0.60	0.100	0.04		
	Ventilator	Cum	0.786	0.60	0.60	0.100	0.03		
							0.07		
							Net	3.54	
								12559.00	44459.00
7	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS, BGM, SR, 2019-20, Item- 4.59)							12911.8	45767.8
		Kg	1	120	38.08		4568.00	78.31	321177.00
8	Ladder inside the container. Providing anodized aluminium ladder using 85mm x 32mm x 3.0mm 'C' section for ladder side channel x 25mm dia. flural pipe for Rungs at 250mm c/c ladder fixed at an angle of 70 degrees to horizontal including necessary 25mm dia., G.I. shutters with necessary G.I. fasteners for bracing the ladders to the Tank walls to prevent buckling of the ladder with necessary (M-15) bed for embedding the ladder bottom							84.59	386407.12
		Rml	1	3.8			3.80	3099.00	11777.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
9	Providing and constructing RCC hexagonal ventilator finial for RCC over head tank the finial to be constructed with CC (M-20) proportion using 20mm and down size jelly with reinforcement using 6mm dia., M.S. rods 4 nos., for each of the pillars both ways for full width of doom at 12cm c/c, the ventilator to be of 0.45 M x 0.5 M size provided with 25mm x 25mm x 5mm M.S. frame welded with diamond mesh to its full width and depth fully covered with aluminium mosquito mesh finished smooth with CM 1:3 proportion to required shape and size and ornamental finish including two coats of anti-corrosive paint for frame and mesh and two coats of cement paint matching to over head tank etc., complete. (RWS, BNG, SR, 2019-20, Item- 4.65 Page No-)	Each	1				1	5700.00	5700.00
10	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x8mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.) (RWS, BGM, SR, 2019-20, Item- 4.66)	Each	1				1	1818.00	1818.00
11	Providing and fixing enameled gauge plate 3 mm thick, 0.23 M wide with plastic float thick plastic indicator and flexible nylon wire etc., complete to 2.50 M height. (RWS, BGM, SR, 2019-20, Item- 4.67) Note : Providing and fixing enameled gauge plate 3 mm thick, 0.23 M wide For Every additional 0.50M Note:For every additional 0.5 mis or part thereof add Rs. 181.00	Each	1				1	3563 4739.50	3563.00 4740.00

No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
12	Supplying, laying of CI flanged pipe true to line/holisting of CI flanged pipe conforming to IS 7181-1986 with latest amendments in position and aligning to correct plumb including cost of jointing material, conveying to work spot with all lead and lifts etc complete (KUWS & DB SR. 2018-19, Part-3, Item-15, Page No-80).								
	i) C.I. flanged pipes for inlet, for outlet, for over flow, & for scour.								
	a 80 mm dia (Inlet Pipe) 1m length pipes.	No	16				16	1968.00	31488.00
	b 80 mm dia (Overflow) 1m length pipes.	No	16				16	1968.00	31488.00
	c 80 mm dia (Outlet) 1m length pipes.	No	13				13	1968.00	25584.00
	d 80 mm dia (Scour) 1m length pipes.	No	13				13	1968.00	25584.00
	ii) C.I Puddle flanges KUWS SR 2018-19 P NO.78, ITEM NO 14.1								
	a 80 mm dia 1m length pipes.	No	4				4	2647.00	10588.00
	iii) C.I Duck foot bands RWS SR 19-20 P-317 I-15.58								
	a 80 mm dia (Inlet Pipe) 1m length pipes.	No	4				4	350.00	1400.00
	iv) Bell mouth RWS SR 19-20 P-317 I-15.57								
	60 mm dia (Inlet, Overflow) Double Flanged bends. RWS SR	No	2				2	320.00	640.00
	v) 19-20 P-318 I-15.62								
	a 80 mm dia (Inlet Pipe) 1m length pipes.	No	4				4	550.00	2200.00

Sl No	Description	Unit	No	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
vii)	Supply and delivery of Resilient seated soft sealing Sluice Valves with body, bonnet of Ductile Iron of grade GGG50, wedge fully rubber lined with EPDM and seals of NBR and the valves should be of vacuum tight and 100% leak proof with face dimensions as per BS 5163-59/IS 14846-2000/ DIN 3202 F4/F5. The stem sealing should be with Toroidal sealing rings (minimum 2 'O' rings). All the valves should be with electrostatic powder coating both inside and outside with pocket less body passage. The valves shall be supplied with suitable size galvanized bolts and nuts of required numbers as per relevant IS. (RWS, BGM, SR, 2019-20, Item 15.107) PN-10	No	4				4	8552.00	34208.00
	80 mm dia (Inlet)	No	4				4	8552.00	34208.00
viii)	Providing nuts and bolts for jointing the pipes (RWS, SR, KLB, 2019-20, Page-XXXII, Sl. No. 414) J-15A	Kg	120.0				120.0	75-42 71.19	9050-40 8543.00
ix)	Providing rubber washers for jointing the pipes J-15A2	Kg	15.0				15.0	64.80	969.80
13	Providing 2 coats of snowcem /Water-proof cement paint painting over one coat of primer including scrapping the exposed faces, removing loose plastering, removal of vegetations, fungus, cleaning the surface, replastering wherever required in CM 1:3 to the required shape with necessary scaffolding & curing etc., (Including cost of materials). (RWS, BGM, SR, 2019-20, Item- 4.71, Page-)							95-00	1425-00
	Top Dome out side	Sqm	1	3.142X2	3.63	1.00	22.80		
	Finial column	Sqm	4	4	0.15	0.80	1.44		
	Container Sidewall	Sqm	1	3.141	5.30	3.30	54.94		
	Bottom slab out side	Sqm	1	3.142/4	4.85	4.85	18.47		
	Bottom ring beam	Sqm	2	3.142/4	5.50	1.05	9.07		
	Columns	Sqm	6	1.20		7.50	64.00		
	Bracings	Sqm	18	2.31	1.27		52.81		
	walkway slab	Sqm	2	3.142X5.95	0.60		22.43		
	Landing	Sqm	3	1.20		1.35	4.86		
	Deduction of Manhole	Sqm	-1	0.60	0.60		-0.38		
						Net	240.46	213.00	51218.00

SI No	Description	Unit	No.	L (m)	B (m)	D (m)	Qty	Rate (Rs)	Amount (Rs)
14	Providing and fixing copper lightning arrestor with five spikes and 20mm dia copper tube of suitable length and aluminum strap of 25mm x 3mm including grounding as per KPTCL specification. The aluminium strip is to be encased in G.I conduit of 40mm dia 5m long pipe, suitably joined by collars with all specials fixed to one of the columns etc., complete upto 6m staging. (RWS, GLB, SR, 2019-20, Item- 4.72, Page 40) Rs.9645.00/Each. Note: Add Rs. 698.00 for every additional meter.	Nos	1				1	11041 10692.00	16692.00
15	Providing and fixing GI pipe railing 32 mm dia GI pipe 'B' Class in two rows on roof dome, flat slab or landings of elevated storage reservoir including cutting, welding, threading, painting, embedding in cement concrete pillars, with all lead lifts etc., complete. (RWS, GLB, SR, 2019-20, Item no- 4.64, Page- 38)	Rmt	1	3.142	6.60	-	20.74		
		Rmt	1	3.142	5.30	-	16.65		
		Rmt	3	1.8		0.9	4.86		
		Total					43.00	679.00	29197.00
16	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering consolidation in layers of 15cm thick including disposing of the surplus earth with a lead of 200 Mtrs. (RDWS & KLB SR 2019-20 Chapter No. 2.25) Item No. 2.25) Total excavated quantity Total concrete quantity below GL Balance quantity	Cum Cum Cum	1 1 1	99.14 14.88 84.26				103.00	6699.84
17	Painting letters with black paint including scaffolding wherever necessary. 23 cms size (PWD SR BGM 2019-20, ITEM NO 24.10 P. 181)	Nos	100				100	0.70	70.00
18	Construction of valve chambers. (As per sub estimate) Providing and fixing M.S ladder between landing 45 cms wide using angle iron of following size and 20 mm M.S. bars at 25cms centre to centre with necessary supports of same angle iron as directed including hand railing on both sides with 25mm dia G.I pipes with angle iron props at 2 mtrs. interval and 0.5 mtr. height including fixing in ground with C.C. 1:2:4 and two coats of nonpoisonous anticorrosive bituminous paint with all lead and lift etc., complete. 65x65x8mm angle iron frame. (RWS, BGM, SR, 2019-20, Item- 4.62)	Nos Rmt	4 3				4 12.00	13200.00 1821.00	52800.00 21852.00
		Total						13200.00	52800.00
		Say						13200.00	52800.00
									131508.27

Section Officer

Assistant Executive Engineer
RDW & S Sub Division, Vijayapur

PROVIDING FUNCTIONAL HOUSEHOLD TAP CONNECTIONS TO 730 HOUSEHOLDS IN SHIRABUR HABITATION OF SHIRABUR VILLAGE, VIJAYAPUR TALUKA IN VIJAYAPUR DISTRICT THROUGH MAMADAPUR & OTHER 53 VILLAGES IN VIJAYAPUR DISTRICT(SS LPCD)

DETAILED ESTIMATE FOR ^{Rising} GRAVITY MAIN PIPE LINE

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTTY	UNIT	RATE	AMOUNT
1	Earth work excavatoin for water Supply & Sanitary lines, Electrical conduits either in pits or pipe line trenches: (upto 600mm Trench width) as per drawing and technical specification, including setting out, construction of shoring, strutting, barricading, danger lighting, bracing, using sight rails & boning rods at every 100 mm wherever necessary removal of stumps and other deleterious matter, dressing of sides and levelling the bottom of trench including backfilling the excavated earth to the extent required and utilising the remaining available excavated earth locally for the work in the following strata classifications by Mechanical Means [RDW&S BGM SR 2019-20 Chapter No: 2. Item No: 2.23.1 & 2.23.2]								
	Concrete Roads	1	0.00	0.60	0.9	0	Cum		
	Asphalt Roads	1	0.00	0.60	0.9	0	Cum		
	Other Roads	1	0.00	0.60	0.9	918	Cum		
	a) In Ordinary Soil				30%	275.40	Cum	130.00	35802.00
	b) In Hard Soil				35%	321.30	Cum	130.00	41769.00
	c) In Ordinary rock without blasting				35%	321.30	Cum	174.00	55906.00
					Net	918.00			
3	Supplying HDPE pipes conforming to IS 4984:1995 with latest amendments and conveying to work site including loading and unloading at both destination and rolling, lowering into trenches, laying true to line and jointing of pipes and specials by electrofusion welding, as per standard procedure and guide lines including encasing the pipe around to a depth not less than 15cms with cleaned soft gravel or selected earth available from the excavation etc., complete giving hydraulic test as per relevant IS Specification with all lead and lift including testing and commissioning. The rate is exclusive of required specials and fittings etc. complete (Contractor will make his own arrangement for procuring water for testing) Upto 110mm dia. Coils shall be used. [RDW&S BGM SR 2019-20 Chapter No: 10 Item No: 10.20.2] PE100 (PN 6.0 / 6Kg / cm ²)								
	RISING MAIN		63 mm			0.00	Rmt	130.00	0.00
			75 mm			1700.00	Rmt	162.00	275400.00
			90 mm			0.00	Rmt	210.00	0.00
			110 mm			0.00	Rmt	288.00	0.00
			125 mm			0.00	Rmt	358.00	0.00
			140 mm			0.00	Rmt	451.00	0.00
			160 mm			0.00	Rmt	556.00	0.00
			200 mm			0.00	Rmt	836.00	0.00
4	Providing 80 mm dia Sluice valve/ scour valve conforming to IS 1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.59.1, 15.59.2, 15.59.3, 15.59.4]								
	scour valve		80 mm dia			2.00	Nos	2900.00	5800.00
5	Providing 80 mm dia Air valve conforming to IS 1538 (Part-I to XXII) 1978 with latest amendments if any cost of all materials, labour charges etc. complete. [RDW&S BGM SR 2019-20 Chapter No: 15 Item No: 15.60]								
	Air valve		80 mm dia			5.00	Nos	2900.00	14500.00

Sl. No	DESCRIPTION OF ITEMS	No	L	B	D	QTY	UNIT	RATE	AMOUNT
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6	Construction of valve chambers. (As per sub estimate)	No	7		Sub Estimate			7.00	13200.00 16120.00 14284	99988.00 126820.00 92400.00
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7	amendments, including fixing Collars, Elbows, Tees, bends, Glad Cocks and other Fittings (Excluding Cost of Specials) with Cuts and Threads wherever necessary including conveying the materials to workspot, including testing for water tightness with all lead and fits etc complete (Contractor shall make his own arrangements for procuring water for testing) (RDW&S BGM SR 2018-20 Chapter No: 10: Item No: 10.04.2 (a))									
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	GI Pipe	80 mm dia		class-B		30.00	Mtr	476.00 590.00	17700.00 14280.00
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Total 570297.00

Section Officer
R.D.W. & S Sub Division Vijayapur

Assistant Executive Engineer
R.D.W. & S Sub Division Vijayapur

~~539277.00~~
546865.00

DESIGN OF PURE WATER RISING FROM PROPOSED SUMP IN SHIRBUR TO OHSR IN SHIRBUR

(For pipe Design, 30 years requirement, 15% losses)

Sl No	Particulars	Dia Selected - HDPE/PE-100/PN-6			
		75	90	110	125
INPUT DATA					
1	FSL of Existing OHT at village	535.42	535.42	535.42	535.42
2	RL of suction point at Borewell	528.45	528.45	528.45	528.45
3	RL of Pump fixing in Bore hole	526.45	526.45	526.45	526.45
4	Population (2051)	2575	2575	2575	2575
5	Water Demand with losses (lpd)	93473	93473	93473	93473
6	Water Demand with losses (MLD)	0.093	0.093	0.093	0.093
7	No. of pumping hours	8.0	8.0	8.0	8.0
8	Discharge in lps	3.25	3.25	3.25	3.25
9	Length of Rising Main in mtrs	1700	1700	1700	1700
10	Thickness of pipe (mm)	3.80	4.45	5.35	6.10
11	Lowest GLRL in the alignment	526.45	526.45	526.45	526.45
Economical dia analysis					
1	Dia in mm	67.40	81.10	99.30	112.80
2	Discharge in lps	3.25	3.25	3.25	3.25
3	C value	145	145	145	145
4	Length in mts	1700.0	1700.0	1700.0	1700.0
5	Friction loss in mts	24.69	10.03	3.74	2.01
6	LSL at start	526.45	526.45	526.45	526.45
7	FSL at Discharge	535.42	535.42	535.42	535.42
8	Head in meters	8.97	8.97	8.97	8.97
9	Residual head in meters	3.00	3.00	3.00	3.00
10	Total head	36.66	22.00	15.71	13.98
11	Centrifugal Pump with 10% Overload & 75% Efficiency (HP)	2.33	1.40	1.00	0.89
12	Annual Energy Charges @ Rs 5.45/unit (Rs.)	27585	16552	11822	10520
13	Energy charges capitalised (Rs.)	198334	119007	84999	75640
14	Cost of pumping machinery (Rs.)	11633	6980	4986	4437
15	Cost of pipes (Rs.)	275400	425000	489600	608600
16	Total capitalised cost (Rs.)	485368	550987	579585	688677
WATER HAMMER ANALYSIS					
1	Outer Diameter of Pipes	75	90	110	125
2	Thickness of pipe in mts	0.00380	0.00445	0.00535	0.00610
3	Area of Pipe m ²	0.0036	0.0052	0.0077	0.0100
4	Normal velocity in m/sec.	0.91	0.63	0.42	0.32
5	Velocity of pressure wave in m/sec	220.42	217.52	215.59	215.98
6	Water hammer pressure in m	20.45	13.94	9.21	7.15
7	RL of LSL at PWS/Lowest GLRL in L-section	526.45	526.45	526.45	526.45
8	Total Head in m	29.42	22.91	18.18	16.12
9	Pipe RATE in Rs.	162	250	288	358

From the above table = 75 mm dia HDPE/PE-100/PN-6 pipe selected as it

Velocity = 0.91 Mtr/Sec
 Discharge (Q) = 3.25 LPS = 194.734 LPM
 Total Head with surge = 29.42 Mtr
 Say = 30.00 Mtr
 Total Working Head = 36.66 Mtr
 Say = 37.00 Mtr
 Required HP = 2.33 HP
 Proposed HP = 5.00 HP Centrifugal Pump.

[Signature]
Section Officer

**Assistant Executive Engineer
 R D W & S Sub Division, Vijayapur.**

DETAILED ESTIMATE FOR BULK FLOW METER AND VALVE CHAMBER

Sl No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
1	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) [RDW&S BGM SR 2019-20 Chapter No: 2 Item No: 2.22.1, 2.22.2 & 2.22.3]								
	In ordinary Soil	Cum	1	1.50	1.50	1.35	3.04		
	In Hard Soil	Cum		40 % of total Qty			1.22	262.00	320.00
		Cum		60 % of total Qty			1.82	262.00	477.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no 15, I no 4.02)								
		Cum	1	1.50	1.50	0.15	0.34	5281.00	1868.94
									1796.00
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, column pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc, including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement. (DWA page no 16, I no 4.08)							5496.60	
		Cum	2	1.20	0.10	1.20	0.29		
		Cum	2	1.20	0.10	1.20	0.29	5909.00	3493.11
				Total =			0.58	5621.00	3261.00

6022.60

3311.22

Sl. No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplasticiser @ 3lts conforming to IS9103 1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof-slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications. (RWS page no 16, I no 4.11)								
		Cum	1	1.20	1.20	0.15	0.216		
	Deduct for inspection door	Cum	1	0.60	0.60	0.15	0.054	6255.60	
						Total	0.16	5942.00	951.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 28, I no 4.59)								1000.90
		Ton	1	0.08		0.58	0.0464		
		Ton	0	0.08		0.16	0.0128		
							0.0592	70906.00	4163.00
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc, complete (for RCC over head tank and G.L.S.R.) (RWS page no 29, I no 4.66)							84590.6	5008.00
		Each	1					1818.00	1818.00


Sl. No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
7	ReRefilling the basement and pipeline trenches with selected earth from trench excavation including watering, consolidation in layers of 15 cms thick, including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no 8 I no.2.25.1) pits.	Cum	4	1.50	0.1	1.20	0.72	103.00	74.16
8	Supply and delivery of Woltman model with removal mechanism water meters confirming to ISO 4064 part I, II, III class B or IS 779 and IS 2373 with life cycle test certificate from FCRI/ NABL accredited lab. The water meters shall have magnetic drivers or mechanical drivers and shall be versatile for installation in any position. The meters shall be hydrodynamically, hydrostatically balanced. The runner, runner chamber, pointer of the meter shall be as per ISO 4064 class B specification. Dry dial excavated counter housing fully protected against flooding ensuring easy reading in all climates. (RWS 2019-20 Page no 111 Item no.15.40.4) 150 mm Dia Note: the above rates are basic rates inclusive of transportation charges, earth work excavation, labour charges, cutting and threading, conveyance, welding and hire charges for tools and plants etc., complete. (RWS page no 11, I no 15.4)	Nos	1				1	39599.00	39599.00
								Total =	52459.16


Total No of Valve Chambers for Flow meter =

1.00 X 52500 = Rs.

52500

~~62500-24~~
50658.61


Section Officer
RDWS Sub-Division
Vijayapur


Asst Executive Engineer
RDWS Sub-Division
Vijayapur

DETAILED ESTIMATE FOR VALVE CHAMBER

Sl No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. Specification (RWS page no 8, I no 2.01) and 2.02								
		Cum	1	1.50	1.50	1.50	3.38		
		Cum					1.69	249.00	421.00
		Cum					1.69	348.00	589.00
2	Providing and laying in position plain cement concrete of grade M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (RWS page no 22, I no 4.02)	Cum	1	1.50	1.50	0.15	0.34	5381.00	1796
3	Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement. (RWS page no 23, I no 4.08)	Cum	2	1.20	0.10	1.20	0.29		
		Cum	2	1.20	0.10	1.20	0.29		
		Total =							0.58

602.6 3494.00

Sl No	Description	Unit	Nos	L (m)	B (m)	D (m)	Quantity	Rate	Amount (Rs)
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplasticiser @ 3kgs conforming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc. including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. (RWS page no 24, I no 4.11)	Cum	1	1.20	1.20	0.15	0.216		
	Deduct for inspection door	Cum	1	0.60	0.60	0.15	0.054		
						Total	0.16	5942.00	951.00
5	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including for OHT & reservoir, cost of materials, labour, HOM of machinery complete as per specifications. (RWS page no 38, I no 4.59)	Ton	1	0.08		0.58	0.0464	6255.6	1001.00
		Ton	0	0.08		0.16	0.0128		
						Total	0.0592	78306.00	4163.00
6	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc. complete (for RCC over head tank and G.L.S.R.) (RWS page no 39, I no 4.66)	Each	1					1818.00	1818.00
7	Refilling the basement and pipeline trenches with selected earth from trench excavation including watering, consolidation in layers of 15 cms thick, including disposing of the surplus earth with a lead of 200 meters. (RWS 2019-20 Page no 12 no.2.25)	Cum	4	1.50	0.1	1.35	0.81	103.00	83.43
						Total =			13432.65

Total No of Valve Chambers for OHT =

0

Rs. 13200.00

Section Officer
RDWS Sub-Division
Vijayapur

Asst. Executive Engineer
RDWS Sub-Division
Vijayapur

14284.00

1 Name of the Work	Shapur	
2 Zone	I	
3 Total Population	2575	
4 Rate of Water Supply	55	lpcd
5 Peak Factor	4	
6 Delivery Level	832.420	m
7 Distribution Losses	10%	In percentage
8 Total Demand	165787.6	In Liters / day
9 Total Length	9773.0	Mts
10 Staging Ht	7.0	Total Length of Pipe in mts
11 RI of OHT	525.42	63 75 90 110 140 160 200 250
12 Factor	0.000317	721 3897 2081 0 0 374 0 0 0

577

Label	Start Node	Stop Node	Length (Scaled)	Diameter (mm)	Material	Max. Williams	Flow (L/s)	Velocity (m/s)	Headloss Gradient	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)	Dia. (mm)
P-1	I-1	I-2	3	67.4	HDPE	145	-0.093	0.030	0.000	I-1	523.24	0.02	536.52	13.25	75
P-2	I-3	I-4	3	67.4	HDPE	145	-0.348	0.100	0.000	I-2	523.27	0.03	536.52	13.21	75
P-3	I-5	I-6	4	56.7	HDPE	145	0.368	0.150	0.001	I-3	526.71	0.04	536.53	9.80	63
P-4	I-7	I-8	4	56.7	HDPE	145	-0.061	0.030	0.000	I-4	526.78	0.03	536.53	8.75	63
P-5	I-9	I-6	7	56.7	HDPE	145	0.010	0.000	0.000	I-5	524.52	0.04	536.53	11.99	63
P-6	I-10	I-11	7	56.7	HDPE	145	-0.636	0.250	0.002	I-6	524.58	0.03	536.53	11.81	63
P-7	I-12	I-13	8	67.4	HDPE	145	0.586	0.160	0.001	I-7	525.01	0.07	536.59	11.96	75
P-8	I-14	I-15	8	67.4	HDPE	145	-0.892	0.250	0.001	I-8	525.20	0.03	536.59	11.77	75
P-9	I-16	I-17	8	56.7	HDPE	145	-0.010	0.000	0.000	I-9	526.68	0.01	536.53	9.83	63
P-10	I-18	I-19	8	67.4	HDPE	145	0.437	0.120	0.000	I-10	528.55	0.06	536.60	8.05	75
P-11	I-20	I-21	8	67.4	HDPE	145	0.074	0.020	0.000	I-11	529.14	0.06	536.61	7.46	75
P-12	I-22	I-23	9	56.7	HDPE	145	0.097	0.040	0.000	I-12	528.56	0.06	536.54	7.97	63
P-13	I-24	I-4	10	56.7	HDPE	145	0.101	0.040	0.000	I-13	528.54	0.09	536.54	7.96	63
P-14	I-25	I-26	20	67.4	HDPE	145	0.035	0.010	0.000	I-14	524.42	0.04	536.55	12.11	75
P-15	I-27	I-84	33	67.4	HDPE	145	-0.769	0.220	0.001	I-15	524.09	0.04	536.56	12.44	75
P-16	I-15	I-28	13	67.4	HDPE	145	0.342	0.100	0.000	I-16	525.91	0.01	536.48	10.54	75
P-17	I-4	I-29	12	56.7	HDPE	145	-0.131	0.060	0.000	I-17	526.85	0.07	536.48	8.61	63
P-18	I-30	I-31	12	56.7	HDPE	145	0.010	0.000	0.000	I-18	524.91	0.06	536.56	11.63	63
P-19	I-32	I-33	14	56.7	HDPE	145	0.010	0.000	0.000	I-19	524.85	0.08	536.56	11.60	63
P-20	I-11	I-34	12	67.4	HDPE	145	-0.744	0.210	0.001	I-20	525.70	0.06	536.53	10.80	75
P-21	I-15	I-35	12	56.7	HDPE	145	0.029	0.010	0.000	I-21	525.56	0.04	536.53	10.95	63
P-22	I-37	I-38	12	67.4	HDPE	145	-0.315	0.090	0.000	I-22	524.70	0.05	536.52	12.29	75