

**ANNEXURE-II TO UNSSTRED LAQ NO.50 (b)**

Sr. No.	Constituency	Review of water requirement (MLD)	Details of review with criteria for calculation	Name of agency/person	Actual water received (MLD)	Initiative taken for adequate water supply
1	2	3	4	5	6	7
<b>WORK DIVISION III</b>						
1	Panaji	30	Review of water requirement of each constituency was carried out. The criteria for calculation was based on projected population for 2021 by decadal growth method. Base population as per 2011 census is considered and LPCD for Urban and rural areas is considered as per CPHEEO Manual.	--	29	The work of "24 x 7 water supply with SCADA for Panaji city -Designing , details Engineering and construction of Additional raw water pump house, panel room intake works, clear water sump, MBR pumping equipments and other allied work for 40 MLD WTP at Opa water works" amounting to Rs.3568.10 lakhs is in progress and expected to be completed by April 2023. This will augment the water supply to Tiswadi Taluka by additional 40 MLD.
2	Taleigao	18		--	16	Estimate for "Construction of 650m <sup>3</sup> OHR, 2000m <sup>3</sup> sump, pump house at Taleigao and providing and laying conveying mains and distribution pipelines of various diameters for improvement of water supply to Dona Paula and surrounding areas" amounting to Rs.1101.28 lakhs has been technically sanctioned and under process for Administrative Approval. The storage capacity at Taleigao will be enhanced with this work and this shortfall in Taleigao will be met.

1	2	3	4	5	6	7
3	St.Cruz	16		--	14	Estimate for "Construction of open well, filtration unit and providing and laying 110mm dia PVC distribution line at Calapur near Shantadurga temple in Santa Cruz Constituency" amounting to Rs.59.00 lakhs was tendered twice. however there was no response and hence estimate will be recasted as per latest GSR corrigendum 2022. On completion of this work, St.Cruz will receive additional Quantity of water.
4	St. Andre	16		--	14	The work of "Improvement and strengthening of Water Supply Scheme to Bambolim, Nauxim and surrounding areas in St. Andre constituency" amounting to Rs.974.43 lakhs is in progress and expected to be completed by December 2022.
						The work of "Har Ghar Nal Se Jal - Providing household connections and retrofitting of existing schemes for improvement of W.S. in Agassaim in St. Andre Constituency - Phase-I (Part-I)" amounting to Rs.1160.20 lakhs. is in progress and expected to be completed by December 2022.
						The work of "Improvement and strengthening of water supply system to Neura panchayat in St.Andre Constituency" amounting to Rs.468.98 lakhs. Was tendered twice and there was no response. Hence estimate will be recasted as per latest GSR corrigendum 2022.
						The estimate for "Improvement of water supply system of St. Andre - Constituency of Tiswadi Taluka - Supply, laying and commissioning of 800 mm dia MS conveying main from Verna MBR to Bambolim " amounting to Rs.111.35 crores is technically sanctioned and awaiting Adminstrative Approval.
5	Cumbharjua	16		--	14	The work of "Har Ghar Nal Se Jal- Providing household connections and retrofitting of existing schemes for improvement of W.S. in Corlim and Diwar in Cumbharjua Constituency-Phase I (Part-II)" amounting to Rs.1457.83 lakhs is in progress and expected to be completed by December 2022.

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6	Priol	16		--	15	On completion of the work "Construction of 25 MLD Water Treatment Plant on Madai River at Ganjem" amounting to Rs.5212.65 lakhs which is in progress and expected to be completed by April 2023, water supply level will be enhanced
						Improvement of water supply system in Querim village -Supplying, Laying and Commissioning of D.I. pipeline from Arla Junction to Shri Vijayadurga Devasthan, Amarkhane , Velkas in V.P. Querim, Priol Constituency amounting to Rs.395.66 lakhs is in progress and expected to be completed by August 2022.
						The work of "Improvement of water supply system in Cuncolim and Velinga village- Supplying , laying and commissioning of D.I pipeline from Palsere Querim to Shantadurga Temple in Cuncoilm V.P in Priol Constituency" amounting to Rs.244.50 lakhs is tendered and under process for Acceptance of GSWB.
						The work of "Improvement of water supply system in Priol Constituency- Supplying, laying and commissioning of D.I. pipeline from Kangwal tank to Volvoi, Savoi- Verem and Ghano in V.P. Savoi Verem and V.P. Volvoi" amounting to Rs.384.94 lakhs is tendered and under process for Acceptance of GSWB.
7	Marcaim	17		--	16	The work of "Improvement of water supply system in Marcaim in Village panchayat in Marcaim Constituency" amounting to Rs.31.96 lakhs is technically sanctioned and awaiting Administrative Approval.
						The work "Improvement of water supply system in various wards of village panchayat Marcaim and Bandora -By laying ,jointing and commissioning of 300mm dia D.I. conveying main from Tapobhumi Kundaim to 300m3 GLR at Marcaim in Marcaim constituency" amounting to Rs.223.28 lakhs is completed and commissioned in April 2022.
8	Ponda	21.5		--	19	The work of " Construction of 25 MLD Water Treatment Plant on Madai River at Ganjem" amounting to Rs.5212.65 lakhs is in progress and expected to be completed by April 2023.

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9	Shiroda	18		--	17.5	The work of ‘‘Augmentation of water supply to Chickengal, Rankhol, Dansodo, Makadsai, Paz, Torla, Uddain and surrounding areas in Shiroda Constituency – Phase- I is tendered and awaiting Expenditure Sanction.
10	Valpoi (Usgao-Ganjem)	4		--	3.5	On completion of the work "Construction of 25 MLD Water Treatment Plant on Madai River at Ganjem” amounting to Rs.5212.65 lakhs which is in progress and expected to be completed by April 2023, water supply level will be enhanced
<b>WORK DIVISION XXIV</b>						
1	Valpoi	13.00	Water requirement calculation is based on existing population, floating population and upcoming industries & consumption of water 135 litre/day per person	NA	8.40	Enhancement & Up-gradation of Pressure Filter Plant at Querim by Additional 2 MLD & Construction of 300M3 GLR at Ravana, Supply & laying of conveying and Distribution pipeline In Queriem Village Panchayat of Sattari Taluka.
2	Sankhali	14.00			10.00	Augmentation of 40 MLD WTP at Podocem- Supplying, Installation, Testing and Commissioning of 5Nos of 2MLD Pressure Filtration Plants at Podocem in Poriem Constituency.
3	Bicholim	12.00			8.50	Improvement of Water Supply Scheme in Bhironda Panchayat of Poriem Constituency - Installation, Testing and Commissioning of 1 MLD Pressure filter plant including Construction of jack well, pump house ,Tanks and laying of D.I. Rising and Distribution Main at Vante.
4	Mayem	12.00			8.50	Augmentation of water supply system to Village Panchayat Pale, Velguem & Surla in sankhali Constituency-Supplying, Installation and Commissioning of Pressure filters (Phase I)
5	Poriem	16.40			9.60	

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<b>WORK DIVISION XVII</b>						
1	Porvorim	19	Present usage & floating population & requirement of Institutional, Industrial & Commercial	Officers of PHE Sector, PWD	16	1) Designing, Construction, Testing and commissioning of 5.6 MLD Water treatment Plant near Siolim Bridge in Siolim Constituency-Tendered, for GSWB approval.
2	Siolim	16			12	2) Retrofitting of existing Assonora Water Supply Scheme by enhancing filtration capacity by 30 MLD - Tendered, for GSWB approval.
3	Calangute	15			13	3) 10 MLD at Assonora - for AA approval.
4	Saligao	18			13	4) 15 MLD Water Treatment Plant at Pilerne Industrial Estate - for AA approval.
5	Mapusa	20			14	5) Designing detail engineering, construction, commissioning of 15 MLD WTP at housing board Porvorim - Partly commissioned.
6	Thivim	17			13	6) Aumentation of 15 MLD WTP at Chandel- Work in progress
7	Aldona	13			12	7) Construction of 30 MLD WTP at Tuem - Tendered, for GSWB approval.
8	Pernem	12			7	
9	Mandrem	14			6	

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<b>WORK DIVISION IX</b>						
1	Mormugao	Inclusive of NRW , Commercial and Domestic Demand , water requirement = (270 LPCD x present population ) + actual bulk consumption	water requirement calculated based on present population (inclusive of floating population) and bulk consumption	By concerned division of department	14.00	Construction of 10MLD pressure filter at Verna. Construction of 100MLD WTP at Salaulim under JICA package in addition to existing 180 MLD WTP. The new WTP is proposed to be further enhanced to 200 MLD from existing 100 MLD
2	Vasco				19.00	
3	Dabolim				21.00	
4	Cortalim				23.00	
5	Margao				20.00	
6	Fatorda				20.00	
7	Benaulim				20.00	
8	Velim				16.40	
9	Cuncoim				11.60	
10	Navelim				15.00	
11	Curtorim				15.20	
12	Nuvem				14.20	
<b>WORK DIVISION XX</b>						
1	Curcholem	9.56	Projected census population and non domestic future demand of the supply area	Departmentally	8.21	The recent review and the study to ensure the requirement of water has been conducted under JICA Agency and accordingly the works for construction of GLRs and replacement of pipelines are taken up under JICA for Augmentation of water supply in Curcholem Constituency
2	Sanguem	13.76	Total demand calculated based on future population @100 LPCD		11.39	The work of supplying water from Salaulim Water Supply Project taken up by laying of pipeline from Sirvoi to Netraivalim
3	Canacona	15.00 MLD	Projected census population and non domestic future demand of the supply area		10.92	1) Additional tanks GLR's of 300m3 each are to be constructed in V.P. Loilem & V.P. Poinguinim area (work in tenders) 2) Extension of conveying & distribution pipelines are proposed in V.P. Poinguinim & V.P. Loliem Pollem (Work is tendered) 3) 5MLD water supply scheme with Gavanem dam in Gaondongrim is proposed which will supply water to the uncovered area of V.P. Gaondongrim, V.P. Cotigao & V.P. Poinguinim (Part)
4	Quepem	10.39	Projected census population and non domestic future demand of the supply area		8.15	The work of supplying water from Salaulim Water Supply Project taken up under JICA ODA Loan Project is hereby completed and to be commissioned shortly.
5	Sanvordem	8.28	Total demand calculated based on future population @100 LPCD		5.41	1) 3 Major JJM works have been proposed and are in progress. 2) 3 MLD WTP at collem and construction of reservoir and laying of pipeline under JICA works also in progress