

ANNEUXRE 5 PROJECTED FINANCIAL PROGRESS BASED ON MAN MONTHS CONSUMED Vs ACTUAL PROGRESS (BILLS PASSED) TILL JUNE 2020

**CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD (CHENNAI PERUR 400MLD DESALINATION PLANT & ALLIED WORKS PROJECT)
REMUNERATION AND REIMBURSABLE COSTS (Indian Rupees & USD)**

DATE : 30.06.2020

PERIOD : Projected till June 2020

Sl. No.	Name of the Staff	Position	Office	Allocated Person Months / Quantity	Monthly Remuneration / Rate (at fixed rate)	Allocated Amount	Total Person months/ quantity Spent upto last Month (May'2020)	Person Months/ Quantity Spent for current month (June 2020)	Total Person Months/ quantity spent upto current month (June 2020)	Balance Carried over	Amount Booked as on last Month (May'2020)	Amount Booked for this Invoice (June 2020)	Total Booked upto this Invoice	Balance Amount
	SMEC INTERNATIONAL PTY LTD													
I	REMUNERATION													
	Key International Expert (in US Dollar)													
1	Dr.Pararajasegram Dharmabalan	Project Manager	Field	70	37,500	26,25,000	1.35	0.68	2.03	67.97	50,625	25,500	76,125	25,48,875
2	Mr.Shane Farquharson	Water Supply Engineer	Field	23	25,360	5,83,280	2.04	0.00	2.04	20.96	51,734	0	51,734	5,31,546
3	Mr.Michel Morillon	Mechanical Engineer (Desal)	Field	15	44,000	6,60,000	2.85	0.68	3.53	11.47	1,25,400	29,920	1,55,320	5,04,680
4	Mr.Sergio de Bastos Viilar Magalhaes Paulo	Electrical Engineer (Desal)	Field	25	13,132	3,28,300	0.00	0.00	0.00	25.00	0	0	0	3,28,300
5	Mr.John Goullee	Pipeline Engineer	Field	70	22,602	15,82,140	0.00	0.00	0.00	70.00	0	0	0	15,82,140
6	Mr.Roderick Mackenzie	Contract Specialist (Desal)	Field	9	44,407	3,99,663	0.90	0.00	0.90	8.10	39,966	0	39,966	3,59,697
	Non-Key International Expert													
7	Mr.Manikandan Ganesh Shoranur	Monitoring and Control Expert (Desal)	Field	11	19,260	2,11,860	0.00	0.00	0.00	11.00	0	0	0	2,11,860
	Sub Total 1 in USD			223		63,90,243	7.14	1.36	8.50	214.50	2,67,726	55,420	3,23,146	60,67,097
	Reimbursables													
II	DUTY TRAVEL TO SITE (in US Dollar)													
1	International Air Travel													
	Professional Staff	Trip		40	3,000	1,20,000	5	0	5	35	15,000	0	15,000	1,05,000
	Sub Total 2 in USD					1,20,000					15,000	0	15,000	1,05,000
	SMEC INDIA PVT. LTD.													
	Non-Key International Expert (in US Dollar)													
1	Dr.D.Elanchezian	Civil and Structural Engineer	Field	42	10,895	4,57,590	2.45	0.00	2.45	39.55	26,693	0	26,693	4,30,897
2	Mr.Ashish Gosain	Monitoring and Control Expert (Distribution)	Field	12	7,704	92,448	0.00	0.00	0.00	12.00	0	0	0	92,448

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3	Mr.J.Shanmuganathan	Specification Specialist (Desal)	Field	4	7,264	29,056	0.00	0.00	0.00	4.00	0	0	0	29,056
4	Mr.Hemanth Chadha	Financial Expert	Field	3	12,106	36,318	0.00	0.00	0.00	3.00	0	0	0	36,318
5	Mr.Santhosh Kumar	Commissioning Engineer	Field	10	10,015	1,00,150	0.00	0.00	0.00	10.00	0	0	0	1,00,150
6	Mr.Rajesh Mishra	Social Communication Specialist	Field	16	9,630	1,54,080	0.00	0.00	0.00	16.00	0	0	0	1,54,080
	Sub Total 3 in USD			87		8,69,642	2.45	0.00	2.45	84.55	26,693	0	26,693	8,42,949
	Non-Key Experts- Local Staff (Local in Rupees)													
7	Mr.Ramesh Senthil	Civil Engineer	Field	72	4,35,750	3,13,74,000	4.21	1.00	5.21	66.79	18,34,508	4,35,750	22,70,258	2,91,03,743
8	Mr.N Srinivasulu Reddy	Construction Planner / Cost Estimator	Field	4	3,00,000	12,00,000	0.00	0.00	0.00	4.00	0	0	0	12,00,000
9	Mr.K.C.Vinod Chandra	Quantity Surveyor - 1	Field	50	3,00,000	1,50,00,000	0.00	0.00	0.00	50.00	0	0	0	1,50,00,000
	Support Staff (Local in Rupees)													
10	Mr.Santosh Biswa	Contract Management Specialist	Home	6	4,35,750	26,14,500	0.14	0.68	0.82	5.18	61,005	2,96,310	3,57,315	22,57,185
11	TBN	Geo-technical Engineer	Home	6	4,35,750	26,14,500	0.00	0.00	0.00	6.00	0	0	0	26,14,500
12	TBN	Secretary	Field	70	52,290	36,60,300	0.00	0.00	0.00	70.00	0	0	0	36,60,300
13	Mr. A.Renu Kumar	Visa & Admin. Officer	Field	70	1,04,580	73,20,600	4.17	1.00	5.17	64.83	4,36,099	1,04,580	5,40,679	67,79,921
14	Mr.K.Manikandan	Accountant	Field	70	69,720	48,80,400	2.72	1.00	3.72	66.28	1,89,638	69,720	2,59,358	46,21,042
15	Mr.R.Jagan (Replaced from Mr.Thukaram)	Office Boy-1	Field	70	26,145	18,30,150	3.86	1.00	4.86	65.14	1,00,920	26,145	1,27,065	17,03,085
16	Mr.G.Arjun (Replaced from Mr.Ramesh)	Office Boy-2	Field	70	26,145	18,30,150	3.86	1.00	4.86	65.14	1,00,920	26,145	1,27,065	17,03,085
	Sub Total 1 in INR			488		7,23,24,600	18.96	5.68	24.64	463.36	27,23,089	9,58,650	36,81,739	6,86,42,861

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	REIMBURSABLE EXPENSES													
1	TRANSPORTATION (REIMBURSABLE)													
1	The Vehicles provided by the Consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Month		170	50,000	85,00,000	2.97	0.81	3.78	166.22	1,48,500	40,310	1,88,810	83,11,190
2	DUTY TRAVEL TO SITE (REIMBURSABLE)													
2	Local Air Travel													
a	Professional Staff	Round Trip		10	20,000	2,00,000	2	0	2	8	40,000	0	40,000	1,60,000
b	Sub Professional Staff	Round Trip		80	10,000	8,00,000	0	0	0	80	0	0	0	8,00,000
3	OFFICE RENT (REIMBURSABLE)													
1	The Rent Cost include maintenance, cleaning, repairs etc.	Month		77	1,00,000	77,00,000	4.40	1	5.40	71.60	4,40,000	1,00,000	5,40,000	71,60,000
4	OFFICE SUPPLIES, UTILITIES & COMMUNICATION (REIMBURSABLE)													
1	Office supplies	No.		77	10,000	7,70,000	2.97	0.60	3.57	73.43	29,700	6,000	35,700	7,34,300
2	Drafting supplies	No.		77	6,000	4,62,000	2.97	0.60	3.57	73.43	17,820	3,600	21,420	4,40,580
3	Computer running costs	No.		77	5,000	3,85,000	2.97	0.60	3.57	73.43	14,850	3,000	17,850	3,67,150
4	Domestic communication	No.		77	15,000	11,55,000	2.97	0.60	3.57	73.43	44,550	9,000	53,550	11,01,450
5	OFFICE FURNITURE & EQUIPMENT (REIMBURSABLE)													
A	Office Furniture (Purchase)													
1	Work Station Table & Chairs	No.		LS	5,00,000	5,00,000	0	LS	LS	0	0	4,95,600	4,95,600	4,400
2	Conference Hall Table & Chairs	No.		LS	2,50,000	2,50,000	0	LS	LS	0	0	0	0	2,50,000
3	Office Interiors	No.		LS	10,00,000	10,00,000	0	LS	LS	0	0	10,00,000	10,00,000	0

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B	Office Equipment (Purchase)													
1	Multipurpose Copy Machine	No.		1	2,00,000	2,00,000	1	0	1	0	2,00,000	0	2,00,000	0
	A0,A1,A2 Plotter	No.		1	5,00,000	5,00,000	0	1	1	0	0	5,00,000	5,00,000	0
2	Laser Printers	No.		1	1,00,000	1,00,000	0	0	0	1	0	0	0	1,00,000
3	Desktop/Laptops	No.		15	60,000	9,00,000	5	0	5	10	3,48,100	0	3,48,100	5,51,900
4	Refrigerator, Coffee Vending Machine, Oven etc.	No.		LS	1,00,000	1,00,000	0	0	0	LS	0	0	0	1,00,000
5	Office Attendance Biometric Systems	No.		LS	1,00,000	1,00,000	0	0	0	LS	0	0	0	1,00,000
6	Office Server	LS		1	10,00,000	10,00,000	1	0	1	0	10,00,000	0	10,00,000	0
7	Projector	No.		2	25,000	50,000	2	0	2	0	50,000	0	50,000	0
8	Video Conference with Display TVs	No.		1	3,00,000	3,00,000	1	0	1	0	3,00,000	0	3,00,000	0
9	Softwares	No.		LS	30,00,000	30,00,000	0	0	0	0	0	0	0	30,00,000
6	PER DIEM (PER DAY) ALLOWANCE (REIMBURSABLE)													
1	International	No.		810	5,000	40,50,000	178	0	178	632	8,90,000	0	8,90,000	31,60,000
2	National	No.		50	5,000	2,50,000	0	0	0	50	0	0	0	2,50,000
7	REPORTS & DOCUMENT PRINTING (REIMBURSABLE)													
1	Monthly Progress Report	No.		154	6,000	9,24,000	3	1	4	150	18,000	6,000	24,000	9,00,000
2	Design Report	No.		50	10,000	5,00,000	0	0	0	50	0	0	0	5,00,000
8	SURVEYS (REIMBURSABLE)													
1	Bathymetric Survey	No.		1	8,00,000	8,00,000	0	0	0	1	0	0	0	8,00,000
2	Geo-Technical Survey	No.		50	15,000	7,50,000	0	0	0	50	0	0	0	7,50,000
3	Water Sample Testing	No.		10	45,000	4,50,000	0	0	0	10	0	0	0	4,50,000
4	Topographical Survey	No.		600	5,000	30,00,000	0	0	0	600	0	0	0	30,00,000
	Sub Total 2 in INR					3,86,96,000					35,41,520	21,63,510	57,05,030	3,29,90,970

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	TATA CONSULTING ENGINEERS LTD.													
	(Key Staff) - Local in Rupees													
1	Mr.S.Siddappaswamy	Senior Civil Engineer	Field	72	8,00,000	5,76,00,000	2.137	0.364	2.501	69.499	17,09,600	2,91,200	20,00,800	5,55,99,200
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	Field	72	6,00,000	4,32,00,000	3.318	0.545	3.863	68.137	19,90,800	3,27,000	23,17,800	4,08,82,200
	Sub Total 3 in INR			144.000		10,08,00,000	5.455	0.909	6.364		37,00,400	6,18,200	43,18,600	9,64,81,400
	Non-Key International Expert (in US Dollar)													
3	Mr.Manish Chintamani Sane	Specification Specialist [Distribution]	Field	3	11,560	34,680	0.000	0.000	0.000	3.000	0	0	0	34,680
4	Dr.Alok Kumar	Environmental Specialist	Field	15	12,750	1,91,250	0.772	0.136	0.908	14.092	9,843	1,734	11,577	1,79,673
5	Mr.Hyacinth Augusto Vaz	Organisational Expert	Field	9	10,950	98,550	0.000	0.000	0.000	9.000	0	0	0	98,550
	Sub Total 4 in USD			27		3,24,480	0.772	0.136	0.908	26.092	9,843	1,734	11,577	3,12,903
	Non-Key Expert [National] in Rupees													
6	Mr.Surajit Debnath	Mechanical Engineer	Field	40	5,00,000	2,00,00,000	0.000	0.000	0.000	40.000	0	0	0	2,00,00,000
7	Mr.GVK Mohan	Electrical Engineer	Field	45	5,00,000	2,25,00,000	0.000	0.000	0.000	45.000	0	0	0	2,25,00,000
8	Mr.Vinod MK	Structural Engineer	Field	28	6,25,000	1,75,00,000	0.000	0.000	0.000	28.000	0	0	0	1,75,00,000
9	Mr.Kumar M	Architect	Field	12	4,75,000	57,00,000	0.000	0.000	0.000	12.000	0	0	0	57,00,000
10	Mr.K.Senthil	Building Mechanical & Electrical Engineer	Field	16	5,50,000	88,00,000	0.000	0.000	0.000	16.000	0	0	0	88,00,000
11	Mr.S.Sreenivasula reddy	Specification Specialist	Field	4	5,00,000	20,00,000	0.000	0.000	0.000	4.000	0	0	0	20,00,000
12	Mr.S.M.Karthikaeswaran	Environmental Specialist	Field	30	5,00,000	1,50,00,000	3.000	0.727	3.727	26.273	15,00,000	3,63,500	18,63,500	1,31,36,500
13	Mr.Hema Kumar	Pipeline Engineer-3	Field	50	2,40,000	1,20,00,000	0.000	0.000	0.000	50.000	0	0	0	1,20,00,000
14	Mr.Najas Thattakatte Abdul Kareem	Safety & Health Expert-1	Field	40	2,40,000	96,00,000	0.000	0.000	0.000	40.000	0	0	0	96,00,000
15	Mr.Prashant Balan	Safety & Health Expert-2	Field	70	2,40,000	1,68,00,000	0.000	0.000	0.000	70.000	0	0	0	1,68,00,000
16	Mr.V.S.Rajshekar	Quantity Surveyor-2	Field	70	2,40,000	1,68,00,000	0.000	0.000	0.000	70.000	0	0	0	1,68,00,000
	Sub Total 4 in INR			405		14,67,00,000	3.000	0.727	3.727	401.273	15,00,000	3,63,500	18,63,500	14,48,36,500

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	REIMBURSABLE EXPENSES													
1	TRANSPORTATION (REIMBURSABLE)													
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		200	50,000	1,00,00,000	2.00	0.345	2.345	197.655	1,00,000	17,258	1,17,258	98,82,742
2	Local Air travel													
	Professional Staff	Return Trip		50	20,000	10,00,000	2	0	2	48	40,000	0	40,000	9,60,000
	Sub Total 5 in INR					1,10,00,000					1,40,000	17,258	1,57,258	1,08,42,742
	NJS Engineers India Pvt. Ltd.													
	Remuneration													
	Key Staff- International (in US Dollars)													
1	Dr.Ghulam Mustafa	Desalination Expert	Field	29.50	26,225	7,73,638	2.18	1.00	3.18	26.32	57,171	26,225	83,396	6,90,242
2	Dr.Uday G. Kelkar	Additional Key Expert - International	Field	2.50	26,225	65,563	0.00	0.18	0.18	2.32	0	4,721	4,721	60,842
3	Mr.Tharloak S.Bhatt	Contract Specialist (Distribution)	Field	8	22,700	1,81,600	0.00	0.00	0.00	8.00	0	0	0	1,81,600
	NON-KEY INTERNATIONAL													
4	Mr.Madhawa Delpachitra	Mechanical Engineer (Distribution)	Field	4	22,700	90,800	0.00	0.00	0.00	4.00	0	0	0	90,800
5	Mr.Manfred Kurt (Meisner)	Electrical Engineer (Distribution)	Field	4	23,500	94,000	0.00	0.00	0.00	4.00	0	0	0	94,000
	Sub Total 5 in USD			48		12,05,600	2.18	1.18	3.36	44.64	57,171	30,946	88,117	11,17,483
	Non-Key Expert [National]- in Rupees													
6	Mr.Chandra Shekhar Reddy Yedla	Pipeline Engineer 1	Field	60	4,30,000	2,58,00,000	0.32	0.00	0.32	59.68	1,37,600	0	1,37,600	2,56,62,400
7	Mr.V.Tulasi Ram	Pipeline Engineer - 2	Field	60	4,30,000	2,58,00,000	0.00	0.00	0.00	60.00	0	0	0	2,58,00,000
8	Mr.Saravanan P M	Hydraulic Modeller - 1	Field	8	4,30,000	34,40,000	0.09	0.00	0.09	7.91	38,700	0	38,700	34,01,300

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9	Ms.V.Nandhini	Hydraulic Modeller - 2	Field	8	4,30,000	34,40,000	0.00	0.00	0.00	8.00	0	0	0	34,40,000
10	Dr.M.Rajshekar Reddy	Social Communication Specialist	Field	72	5,00,000	3,60,00,000	0.00	0.00	0.00	72.00	0	0	0	3,60,00,000
	Support Staff (in Rupees)													
11	Mr.G.Murali	CAD Operator-1	Field	30	1,00,000	30,00,000	1.86	1.00	2.86	27.14	1,86,000	1,00,000	2,86,000	27,14,000
12	TBN	CAD Operator-2	Field	30	1,00,000	30,00,000	0.00	0.00	0.00	30.00	0	0	0	30,00,000
13	TBN	CAD Operator-3	Field	30	1,00,000	30,00,000	0.00	0.00	0.00	30.00	0	0	0	30,00,000
14	TBN	GIS Operator	Field	18	2,50,000	45,00,000	0.00	0.00	0.00	18.00	0	0	0	45,00,000
15	TBN	Site Inspector-1	Field	50	1,35,000	67,50,000	0.00	0.00	0.00	50.00	0	0	0	67,50,000
16	TBN	Site Inspector-2	Field	50	1,35,000	67,50,000	0.00	0.00	0.00	50.00	0	0	0	67,50,000
17	TBN	Site Inspector-3	Field	50	1,35,000	67,50,000	0.00	0.00	0.00	50.00	0	0	0	67,50,000
18	TBN	Site Inspector-4	Field	50	1,35,000	67,50,000	0.00	0.00	0.00	50.00	0	0	0	67,50,000
19	TBN	MIS Specialist	Field	50	2,60,000	1,30,00,000	0.00	0.00	0.00	50.00	0	0	0	1,30,00,000
	Sub Total 6 in INR			566		14,79,80,000	2.27	1.00	3.27	562.73	3,62,300	1,00,000	4,62,300	14,75,17,700
	REIMBURSABLE EXPENSES													
2	DUTY TRAVEL TO SITE (in US Dollar)													
1	International Air Travel													
	Professional Staff	Return Trip		10	3,000	30,000	0	0	0	10	0	0	0	30,000
	Sub Total 6 in USD					30,000					0	0	0	30,000

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD (CHENNAI PERUR 400MLD DESALINATION PLANT & ALLIED WORKS PROJECT)
REMUNERATION AND REIMBURSABLE COSTS (Indian Rupees & USD)

DATE : 30.06.2020

PERIOD : Projected till June 2020

Sl. No.	Name of the Staff	Position	Office	Allocated Person Months / Quantity	Monthly Remuneration / Rate (at fixed rate)	Allocated Amount	Total Person months/ quantity Spent upto last Month (May'2020)	Person Months/ Quantity Spent for current month (June 2020)	Total Person Months/ quantity spent upto current month (June 2020)	Balance Carried over	Amount Booked as on last Month (May'2020)	Amount Booked for this Invoice (June 2020)	Total Booked upto this Invoice	Balance Amount
1	TRANSPORTATION (Reimbursable) (in Indian Rupees)													
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		84	50,000	42,00,000	0.40	0.00	0.40	83.60	20,000	0	20,000	41,80,000
2	DUTY TRAVEL TO SITE													
2	Local Air Travel													
b	Sub Professional Staff	Return Trip		10	20,000	2,00,000	0	0	0	10	0	0	0	2,00,000
6	PER DIEM													
1	International	Day		1,440	5,000	72,00,000	12	0	12	1,428	60,000	0	60,000	71,40,000
	Sub Total 7 in INR					1,16,00,000					80,000	0	80,000	1,15,20,000
	Grand Total in INR					52,91,00,600					1,20,47,309	42,21,118	1,62,68,427	51,28,32,173
	Grand Total In USD					89,39,965					3,76,432	88,100	4,64,532	84,75,433
	Contingencies @ 5% (in INR)					2,64,55,030								
	Contingencies @ 5% (in USD)					4,46,998								
	Provisional Sum (in INR)					2,00,00,000								
	Provisional Sum (in USD)					25,000								
	GRAND TOTAL COST IN INR					57,55,55,630								
	GRAND TOTAL COST IN USD					94,11,963								
	Projected Financial Progress till the end of June 2020	1,62,68,427	in INR	Total project cost		57,55,55,630	INR			% Financial Progress till the end of June 2020		2.83%	in INR	
		4,64,532	in USD			94,11,963	USD					4.94%	in USD	
	ACTUAL FINANCIAL PROGRESS (Based on Bills Passed till the end of June 2020)	0	in INR							% Actual Financial Progress till the end of June 2020		0.00%	in INR	
		0	in USD									0.00%	in USD	

For SMEC India Pvt. Ltd., the Mobilisation advance payment (5% of Contract value) received on 19.05.2020 as against Advance Bank Guarantee

Chennai Metropolitan Water Supply & Sewerage Board
CHENNAI 400 MLD DESALINATION PLANT & ALLIED WORKS

STATEMENT OF TIME

MONTH : June 2020

Sl. No.	Name of the Staff	Position	TIME AS SPENT ON THE JOB																														Total No. of Days Worked	Man Month	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
	SMEC INTERNATIONAL PTY LTD																																		
	Key International Expert																																		
1	Dr.Pararajasegram Dharmabalan	Project Manager	A	A	A	1	1	0	0	A	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	A	A	0	0	1	A	15	0.68	
2	Mr.Shane Farquharson	Water Supply Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
3	Mr.Michel Morillon	Mechanical Engineer (Desal)	0	1	0	1	1	0	0	0	1	1	0	1	0	0	1	1	1	1	1	0	0	A	A	1	1	0	0	0	1	1	15	0.68	
4	Mr.Sergio de Bastos Viilar Magalhaes Paulo	Electrical Engineer (Desal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
5	Mr.John Goullee	Pipeline Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
6	Mr.Roderick Mackenzie	Contract Specialist (Desal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
	Non-Key International Expert																																		
7	Mr.Manikandan Ganesh Shoranur	Monitoring and Control Expert (Desal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	SMEC INDIA PRIVATE LIMITED																																		
	Non-Key International Expert																																		
1	Dr.D.Elanchezian	Civil and Structural Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2	Mr.Ashish Gosain	Monitoring and Control Expert (Distribution)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
3	Mr.J.Shanmuganathan	Specification Specialist (Desal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
4	Mr.Hemanth Chadha	Financial Expert	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
5	Mr.Santhosh Kumar	Commissioning Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
6	Mr.Rajesh Mishra	Social Communication Specialist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	LOCAL EXPERT - NON-KEY EXPERT																																		
7	Mr.Ramesh Senthil	Civil Engineer	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	22	1.00
8	Mr.N Srinivasulu Reddy	Construction Planner / Cost Estimator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9	Mr.K.C.Vinod Chandra	Quantity Surveyor - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00

Chennai Metropolitan Water Supply & Sewerage Board
CHENNAI 400 MLD DESALINATION PLANT & ALLIED WORKS

STATEMENT OF TIME

MONTH : June 2020

Sl. No.	Name of the Staff	Position	TIME AS SPENT ON THE JOB																														Total No. of Days Worked	Man Month
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
	Support Staff																																	
10	Mr.Santosh Biswa	Contract Management Specialist	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	15	0.68	
11	TBN	Geo-technical Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
12	TBN	Secretary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
13	Mr.A.Renu Kumar	Visa & Admin. Officer	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
14	Mr.K.Manikandan	Accountant	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
15	Mr.R.Jagan (Replaced from Mr.Thukaram)	Office Boy-1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
16	Mr.G.Arjun (Replaced from Mr.Ramesh)	Office Boy-1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
	TATA CONSULTING ENGINEERS PVT. LTD.																																	
	Key Staff - Local Staff																																	
1	Mr.S.Siddappaswamy	Senior Civil Engineer	1	A	A	A	A	0	0	A	A	1	1	A	0	0	A	A	1	1	A	0	0	A	1	1	A	A	0	0	A	1	8	0.364
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	1	1	A	A	A	0	0	A	A	A	A	A	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	A	A	12	0.545
	Non-Key Staff- International																																	
3	Mr.Manish Chintamani Sane	Specification Specialist [Distribution]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
4	Dr.Alok Kumar	Environmental Specialist	1	A	1	A	A	0	0	A	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.136
5	Mr.Hyacinth Augusto Vaz	Organisational Expert	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
	Non-Key Staff- National																																	
6	Mr Surajit Debnath	Mechanical Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
7	Mr.GVK Mohan	Electrical Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	
8	Mr.Vinod MK	Structural Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	

Chennai Metropolitan Water Supply & Sewerage Board
CHENNAI 400 MLD DESALINATION PLANT & ALLIED WORKS

STATEMENT OF TIME

MONTH : June 2020

Sl. No.	Name of the Staff	Position	TIME AS SPENT ON THE JOB																														Total No. of Days Worked	Man Month
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
9	Mr.Kumar M	Architect	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	Mr.K Senthil	Building Mechanical & Electrical Engineer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	Mr.S.Sreenivasula reddy	Specification Specialist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	Mr.S.M.Karthikaeswaran	Environmental Specialist	1	1	1	1	A	0	0	1	A	1	1	1	0	0	1	A	A	1	1	0	0	1	1	1	1	1	0	0	A	A	16	0.727
13	Mr.Hema Kumar	Pipeline Engineer-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Mr.Najas Thattakatte Abdul Kareem	Safety & Health Expert-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Mr.Prashant Balan	Safety & Health Expert-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	Mr.V.S.Rajshekar	Quantity Surveyor-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NJS ENGINEERS INDIA PVT. LTD.																																	
	Key expert - International																																	
1	Dr.Ghulam Mustafa	Desalination Expert	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
2	Dr.Uday G. Kelkar	Additional Key Expert - International	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0.18
3	Mr.Tharloak S.Bhatt	Contract Specialist (Distribution)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NON-KEY INTERNATIONAL																																	
4	Mr.Madhawa Delpachitra	Mechanical Engineer (Distribution)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Mr.Manfred Kurt (Meisner)	Electrical Engineer (Distribution)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Non-Key staff - Local																																	
6	Mr.Chandra Sekhar Reddy Yedla	Pipeline Engineer-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Mr.V.Tulasi Ram	Pipeline Engineer - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Mr.Saravanan P M	Hydraulic Modeller-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Ms.V.Nandhini	Hydraulic Modeller - 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	Dr.M.Rajshekar Reddy	Social Communication Specialist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Chennai Metropolitan Water Supply & Sewerage Board
CHENNAI 400 MLD DESALINATION PLANT & ALLIED WORKS

STATEMENT OF TIME

MONTH : June 2020

Sl. No.	Name of the Staff	Position	TIME AS SPENT ON THE JOB																														Total No. of Days Worked	Man Month
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
	Support Staff																																	
11	Mr.G.Murali	CAD Operator-1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	22	1.00
12	TBN	CAD Operator-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
13	TBN	CAD Operator-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
14	TBN	GIS Operator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
15	TBN	Site Inspector-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
16	TBN	Site Inspector-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
17	TBN	Site Inspector-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
18	TBN	Site Inspector-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
19	TBN	MIS Specialist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
			Total																												242	10.99		

Holiday : Saturday, Sunday
 Government Public Holiday / CMWSSB Holiday

A

 Absent