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

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

DATE : 31.03.2020

Sl. No.	Name of the Staff	Position	Office	Allocated Person Months / Quantity	Monthly Remuneration / Rate (at fixed rate)	Total Person months/ quantity Spent upto last Month (Feb'2020)	Person Months/ Quantity Spent for current month (March 2020)	Total Person Months/ quantity spent upto current month (March 2020)	Balance Carried over	Amount Booked as on last Month (Feb'2020)	Amount Booked for this Invoice (March 2020)	Total Booked upto this Invoice
	SMEC INTERNATIONAL PTY LTD											
I	REMUNERATION											
	Key Staff- International (in Dollars)											
1	Mr.Shane Farquharson	Water Supply Engineer	Field	23	25360	1.36	0.68	2.04	20.96	34490	17245	51734
2	Mr Michel Morillon	Mechanical Engineer (Desal)	Field	15	44000	0.90	0.45	1.35	13.65	39600	19800	59400
3	Mr Roderick Mackenzie	Contract Specialist (Desal)	Field	9	44407	0.90	0.00	0.90	8.10	39966	0	39966
4	Dr.Pararajasegram Dharmabalan	Project Manager	Field	70	37500	0.45	0.00	0.45	69.55	16875	0	16875
	Sub Total 1 in USD					3.61	1.13	4.74		130931	37045	167976
	Reimbursables											
II	DUTY TRAVEL TO SITE (FIXED)											
1	International Air Travel											
	Professional Staff			40	3000	3	2	5	35	9000	6000	15000
	Sub Total 2 in USD									9000	6000	15000
	SMEC INDIA PVT. LTD.											
	Non-Key Staff- International (in Dollars)											
1	Dr.D.Elanchezian	Civil and Structural Engineer	Field	42	10895	1.31	1.00	2.31	39.69	14272	10895	25167
	Sub Total 3 in USD					1.31	1.00	2.31		14272	10895	25167
	Non-Key Experts- local Staff (Local in Rupees)											1
1	Mr.Ramesh Senthil	Civil Engineer	Field	72	435750	1.31	0.95	2.26	69.74	570833	413963	984795
	Sub Total 1- in INR						0.95	2.26		570833	413963	984795
	Support Staff (Local in Rupees)											
1	Mr.Santosh Biswa	Contract Management Specialist	Home	6	435750	0.00	0.14	0.14	5.86	0	61005	61005
2	Mr. A.Renu Kumar	Office Manager cum Travel & Visa Processing	Field	70	104580	1.27	0.95	2.22	67.78	132817	99351	232168
3	Mr.K.Manikandan	Accountant	Field	70	69720	0.00	0.77	0.77	69.23	0	53684	53684
4	R.Jagan (Replaced from Mr.Thukaram)	Office Boy-1	Field	70	26145	0.91	1.00	1.91	68.09	23792	26145	49937
	G.Arjun (Replaced from Mr.Ramesh)	Office Boy-1	Field	70	26145	0.91	1.00	1.91	68.09	23792	26145	49937
	Sub Total 2- in INR			Page 1 of 5						180401	266330	446731

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

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Sl. No.	Name of the Staff	Position	Office	Allocated Person Months / Quantity	Monthly Remuneration / Rate (at fixed rate)	Total Person months/ quantity Spent upto last Month (Feb'2020)	Person Months/ Quantity Spent for current month (March 2020)	Total Person Months/ quantity spent upto current month (March 2020)	Balance Carried over	Amount Booked as on last Month (Feb'2020)	Amount Booked for this Invoice (March 2020)	Total Booked upto this Invoice
	REIMBURSABLE EXPENSES											
I	Transportation (Reimbursable) - Fixed											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		170	50000	2	1	3	167	70000	50000	120000
II	DUTY TRAVEL TO SITE (FIXED)											
1	Local Air Travel											
	Professional Staff	Return Trip	Home	50	20000	0	2	2	48	0	40000	40000
III	OFFICE RENT (FIXED)											
1	The Rent Cost include maintenance, cleaning, repairs etc.	Months		77	100000	2	1	3	74	140000	100000	240000
IV	OFFICE SUPPLIES, UTILITIES & COMMUNICATION (FIXED)											
1	Office supplies	No		77	10000	2	1	3	74	14000	10000	24000
2	Drafting supplies	No		77	6000	2	1	3	74	8400	6000	14400
3	Computer running costs	No		77	5000	2	1	3	74	7000	5000	12000
4	Domestic communication	No		77	15000	2	1	3	74	21000	15000	36000
\mathbf{V}	OFFICE FURNITURE & EQUIPMENT											
1	Multipurpose Copy Machine	No.		1	200000	0	1	1	0	0	200000	200000
	A0,A1,A2 Plotter									0	0	0
2	Laser Printers									0	0	0
3	Desktop/Laptops	No.		15	60000	5	0	5	10	348100	0	348100
4	Refrigerator, Coffee Vending Machine, Oven etc Fixed						0				0	0
5	Office Attendance Biometric Systems - Fixed						0				0	0
6	Office Server - Fixed	LS		1	1000000	0	1	1	0	0	1000000	1000000
7	Projector	No.		2	25000	0	2	2	0	0	50000	50000
8	Video Conference with Display TVs	No.		1	300000	0	1	1	0	0	300000	300000
9	Softwares - Fixed	No.		LS	3000000	0	0	0		0	0	0
VI	PER DIEM											
1	International	No.		860	5000	146	32	178	682	730000	160000	890000
VII	REPORTS & DOCUMENT PRINTING - FIXED											
1	Monthly Progress Report	No.		154	6000	0	2	2	152	0	12000	12000
2	Design Report	No.		50	10000	0	0	0	50	0	0	0
	Sub Total 3- in INR									1338500	1948000	3286500

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

DATE : 31.03.2020

SI.	OD : Projected Till March 2020 Name of the Staff	Position	Office	Allocated Person Months / Quantity	Monthly Remuneration / Rate (at fixed rate)	Total Person months/ quantity Spent upto last Month (Feb'2020)	Person Months/ Quantity Spent for current month (March 2020)	Total Person Months/ quantity spent upto current month (March 2020)	Balance Carried over	Amount Booked as on last Month (Feb'2020)	Amount Booked for this Invoice (March 2020)	Total Booked upto this Invoice
	TATA Consulting Engineers Ltd.											
1	(Key Staff) - Local in Rupees	Garden Civil Facilities	Field	72	800000	0.909	0.000	0.909	71.091	727200		727200
	Mr. S Siddappaswamy Mr.Nagesh Chinnam	Senior Civil Engineer Senior Pipeline Engineer	Field	72	600000			1.727	70.273	490800	545400	727200 1036200
	Sub Total 4- in INR	Transfer Land	11010		00000	1.727		2.636		1218000	545400	1763400
	Non-Key Experts(International- in Dollars)											
3	Mr. Manish Chintamani Sane	Specification Specialist [Distribution]	Field	3	11560	0.000	0.000	0.000	3.000	0	0	0
4	Dr. Alok Kumar	Environmental Specialist	Field	15	12750	0.227	0.182	0.409	14.591	2894	2321	5215
5	Mr Hyacinth Augusto Vaz	Organisational Expert	Field	9	10950	0.000	0.000	0.000	9.000	0	0	0
	Sub Total 4 - in USD			27		0.227	0.182	0.409	26.591	2894	2321	5215
	Non-Key Expert [National]- in Rupees											I
6	Mr.S.M.Karthikaeswaran	Environmental Specialist	Field	30	500000	0.136	0.909	1.045	28.955	68000	454500	522500
7	Mr Hema Kumar	Pipeline Engineer-3	Field	50	240000	0.000	0.000	0.000	50.000	0	0	0
8	Mr Abdul Kareem	Safety & Health Expert-1	Field	40	240000	0.000	0.000	0.000	40.000	0	0	0
9	Mr Prashant balan	Safety & Health Expert-2	Field	70	240000	0.000	0.000	0.000	70.000	0	0	0
10	Mr V S Rajshekar	Quantity Surveyor-2	Field	70	240000	0.000	0.000	0.000	70.000	0	0	0
	Sub Total-5 in INR					0.136	0.909	1.045	403.955	68000	454500	522500
	REIMBURSABLE EXPENSES											
	Transportation (Reimbursable) - Fixed											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		200	50000	1.000	1.000	2.000	198	50000	50000	100000
2	Local Air travel			50	20000	1.000	1.000	2.000	48	20000	20000	40000
	Sub Total 6 in INR									70000	70000	140000
	NJS Engineers India Pvt. Ltd.											
	Remuneration											
	Key Staff- International (in Dollars)											
-	Dr.Ghulam Mustafa	Desalination Expert	Field	32	26225	0.45	0.00	0.45	31.55		0	11801
	Sub Total 5 in USD			Page 3 of 5	1					11801	0	11801

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

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	Non-Key Expert [National]- in Rupees											
1	Mr.Chandra Shekhar Reddy Yedla	Pipeline Engineer 1	Field	60	430000	0.18		0.32	59.68	77400	60200	137600
2	Mr.P.M.Saravanan	Hydraulic Modeller - 1	Field	8	430000	0.09	0.00	0.09	7.91	38700	0	38700
	Support Staff (in Rupees)											
3	Mr.G.Murali	CAD Operator-1	Field	30	100000	0.18			29.09	18000	73000	91000
	Sub Total 7 in INR			98		0.45	0.87	1.32	96.68	134100	133200	267300
II	DUTY TRAVEL TO SITE (FIXED)											
1	International Air Travel											
	Professional Staff			40	3000	0	0	0	40	0	0	0
	Sub Total 6 in USD									0	0	0
	REIMBURSABLE EXPENSES											
	Transportation (Reimbursable) - Fixed											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		84	50000	0.400	0.00	0.40	83.60	20000	0	20000
VI	PER DIEM											
1	International			1440	5000	12	0	12	1428	60000	0	60000
	Sub Total 8 in INR									80000	0	80000
	Const Total in IND									2(50922	2021202	7401226
	Grand Total in INR Grand Total In USD									168899	3831393 56261	
	Grand Total III USD									100099	30201	223139
	Projected Financial Progress till the end of Mar 2020	74,91,226	in INR	Total p	roject cost	INR	57,55,55,630			cial Progress d of Mar 2020	1.30%	
		2,25,159	in USD			USD	94,11,963				2.39%	
	ACTUAL FINANCIAL PROGRESS (Based on Bills Passed till the end of Mar 2020)	0	in INR							Financial fill the end of CO	0.00%	in INR
		0	in USD								0.00%	in USD

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

STATEMENT OF TIME

l. No.	Name of the Staff	Position						ı	1	,				1	IME	AS S	SPEN 1	ΓON	ТНЕ	JOB							ı	ı					,	Total No. of Days Worked	Ma: Mon
	SMEC INTERNATIONAL		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	31		
	Key Staff- International																																		
1	Mr Shane Farquharson	Water Supply Engineer	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	0.6
2	Mr Michel Morillon	Mechanical Engineer	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	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	0.0	0.0	10	0.4
3	Mr Roderick Mackenzie	(Desal) 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
4	Dr.Pararajasegram Dharmabalan	Project Manager	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
	SMEC INDIA																																		
	Non-Key Staff- International																															+			
	Dr.D.Elancherian	Civil and Structural	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	22	1.0
1		Engineer	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	22	1.
1	Non-Key Experts- local Staff																															_			
	Mr Ramesh Senthil	Civil Engineer	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	A	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	21	0.9
	Support Staff																															<u> </u>			
1	Mr.Santosh Biswa	Contract Management Specialist	0.0	1.0	1.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.
2	Mr. A.Renu Kumar	Office Manager cum Travel & Visa Processing	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	A	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	21	0.
3	Mr.K.Manikandan	Accountant	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	17	0.
4	R.Jagan (Replaced from Mr.Thukaram)	Office Boy-1	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	22	1.
5	G.Arjun (Replaced from Mr.Ramesh)	Office Boy-1	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	22	1.
	TCE																																		
	Key Staff - Local Staff																																		
1	Mr. S Siddappaswamy	Senior Civil 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	0.0	A	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	A	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	20	0.9
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
4	Dr. Alok Kumar	Environmental Specialist	0.0	A	1.0	1.0	1.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.1
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	0.0	0.0	0.0	0.0	0.0	0.0	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- National																															+			
		Machanical 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
	Mr Surajit Debnath	Mechanical Engineer							0.0		0.0																								0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	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 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
9	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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	A	0.0	0.0	A	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	20	0.9
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		0.0
14	Mr Abdul Kareem	Safety & Health Expert-1	0.0		0.0		0.0	0.0	0.0	+	1	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	0.0	0.0	0.0	0.0					0.0		0.0
16	Mr V S Rajshekar NJS Engineers India Pvt. Ltd.	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.
	Key expert - International																			1		+										\vdash			
	Dr Ghulam Mustafa	Desalination 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	0.0	0.0	0.0	0.0	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																						-							1			1		
	Mr.Chandra Sekhar Reddy	Pipeline Engineer-1	0.0	1.0	1.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.
	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.
	Support Staff																												<u> </u>			\perp	1		
1	Mr.G.Murali	CAD Operator-1	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16	0.