

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

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

DATE : 31.05.2020

PERIOD : Projected Till May 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 (April'2020)	Person Months/ Quantity Spent for current month (May 2020)	Total Person Months/ quantity spent upto current month (May 2020)	Balance Carried over	Amount Booked as on last Month (April'2020)	Amount Booked for this Invoice (May 2020)	Total Booked upto this Invoice
	<b>SMEC INTERNATIONAL PTY LTD</b>											
<b>I</b>	<b>REMUNERATION</b>											
	<b>Key International Expert (in US Dollar)</b>											
1	Dr.Pararajasegram Dharmabalan	Project Manager	Field	70	37,500	0.90	<b>0.45</b>	1.35	68.65	33,750	<b>16,875</b>	50,625
2	Mr.Michel Morillon	Mechanical Engineer (Desal)	Field	15	44,000	2.35	<b>0.50</b>	2.85	12.15	1,03,400	<b>22,000</b>	1,25,400
3	Mr.Shane Farquharson	Water Supply Engineer	Field	23	25,360	2.04	<b>0.00</b>	2.04	20.96	51,734	<b>0</b>	51,734
4	Mr.Roderick Mackenzie	Contract Specialist (Desal)	Field	9	44,407	0.90	<b>0.00</b>	0.90	8.10	39,966	<b>0</b>	39,966
	<b>Sub Total 1 in USD</b>			<b>117</b>		<b>6.19</b>	<b>0.95</b>	<b>7.14</b>	<b>109.86</b>	<b>2,28,851</b>	<b>38,875</b>	<b>2,67,726</b>
	<b>Reimbursables</b>											
<b>II</b>	<b>DUTY TRAVEL TO SITE (FIXED)</b>											
<b>1</b>	<b>International Air Travel</b>											
	Professional Staff	Trip		40	3,000	<b>5</b>	<b>0</b>	5	35	15,000	<b>0</b>	15,000
	<b>Sub Total 2 in USD</b>									<b>15,000</b>	<b>0</b>	<b>15,000</b>
	<b>SMEC INDIA PVT. LTD.</b>											
	<b>Non-Key International Expert (in US Dollar)</b>											
1	Dr.D.Elanchezian	Civil and Structural Engineer	Field	42	10,895	2.31	<b>0.00</b>	2.31	39.69	25,167	<b>0</b>	25,167
	<b>Sub Total 3 in USD</b>					<b>2.31</b>	<b>0.00</b>	<b>2.31</b>		<b>25,167</b>	<b>0</b>	<b>25,167</b>
	<b>Non-Key Experts- Local Staff (Local in Rupees)</b>											
1	Mr.Ramesh Senthil	Civil Engineer	Field	72	4,35,750	3.26	<b>0.95</b>	4.21	67.79	14,20,545	<b>4,13,963</b>	18,34,508
	<b>Sub Total 1- in INR</b>						<b>0.95</b>	<b>4.21</b>		<b>14,20,545</b>	<b>4,13,963</b>	<b>18,34,508</b>
	<b>Support Staff (Local in Rupees)</b>											
1	Mr.Santosh Biswa	Contract Management Specialist	Home	6	4,35,750	0.14	<b>0.00</b>	0.14	5.86	61,005	<b>0</b>	61,005
2	Mr. A.Renu Kumar	Office Manager cum Travel & Visa Processing	Field	70	1,04,580	3.22	<b>0.95</b>	4.17	65.83	3,36,748	<b>99,351</b>	4,36,099
3	Mr.K.Manikandan	Accountant	Field	70	69,720	1.77	<b>0.95</b>	2.72	67.28	1,23,404	<b>66,234</b>	1,89,638
4	R.Jagan (Replaced from Mr.Thukaram)	Office Boy-1	Field	70	26,145	2.91	<b>0.95</b>	3.86	66.14	76,082	<b>24,838</b>	1,00,920
5	G.Arjun (Replaced from Mr.Ramesh)	Office Boy-1	Field	70	26,145	2.91	<b>0.95</b>	3.86	66.14	76,082	<b>24,838</b>	1,00,920
	<b>Sub Total 2- in INR</b>									<b>6,73,321</b>	<b>2,15,261</b>	<b>8,88,581</b>

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

DATE : 31.05.2020

PERIOD : Projected Till May 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 (April'2020)	Person Months/ Quantity Spent for current month (May 2020)	Total Person Months/ quantity spent upto current month (May 2020)	Balance Carried over	Amount Booked as on last Month (April'2020)	Amount Booked for this Invoice (May 2020)	Total Booked upto this Invoice
	<b>REIMBURSABLE EXPENSES</b>											
<b>I</b>	<b>Transportation (Reimbursable) - Fixed</b>											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		170	50,000	2.40	<b>0.57</b>	2.97	167.03	1,20,000	28,500	1,48,500
<b>II</b>	<b>DUTY TRAVEL TO SITE (FIXED)</b>											
<b>1</b>	<b>Local Air Travel</b>											
	Professional Staff	Round Trip		10	20,000	2	<b>0</b>	2	8	40,000	0	40,000
	Sub Professional Staff	Round Trip		80	10,000	0	<b>0</b>	0	80	0	0	0
<b>III</b>	<b>OFFICE RENT (FIXED)</b>											
1	The Rent Cost include maintenance, cleaning, repairs etc.	Month		77	1,00,000	3.40	<b>1</b>	4.40	72.60	3,40,000	1,00,000	4,40,000
<b>IV</b>	<b>OFFICE SUPPLIES, UTILITIES &amp; COMMUNICATION (FIXED)</b>											
1	Office supplies	No.		77	10,000	2.40	<b>0.57</b>	2.97	74.03	24,000	5,700	29,700
2	Drafting supplies	No.		77	6,000	2.40	<b>0.57</b>	2.97	74.03	14,400	3,420	17,820
3	Computer running costs	No.		77	5,000	2.40	<b>0.57</b>	2.97	74.03	12,000	2,850	14,850
4	Domestic communication	No.		77	15,000	2.40	<b>0.57</b>	2.97	74.03	36,000	8,550	44,550
<b>V</b>	<b>OFFICE FURNITURE &amp; EQUIPMENT</b>											
1	Multipurpose Copy Machine	No.		1	2,00,000	1	<b>0</b>	1	0	2,00,000	0	2,00,000
	A0,A1,A2 Plotter											
2	Laser Printers									0	0	0
3	Desktop/Laptops	No.		15	60,000	5	<b>0</b>	5	10	3,48,100	0	3,48,100
4	Refrigerator, Coffee Vending Machine, Oven etc.						<b>0</b>				0	0
5	Office Attendance Biometric Systems						<b>0</b>				0	0
6	Office Server	LS		1	10,00,000	1	<b>0</b>	1	0	10,00,000	0	10,00,000
7	Projector	No.		2	25,000	2	<b>0</b>	2	0	50,000	0	50,000
8	Video Conference with Display TVs	No.		1	3,00,000	1	<b>0</b>	1	0	3,00,000	0	3,00,000
9	Softwares - Fixed	No.		LS	30,00,000	0	<b>0</b>			0	0	0
<b>VI</b>	<b>PER DIEM</b>											
1	International	No.		810	5,000	178	<b>0</b>	178	632	8,90,000	0	8,90,000
2	National	No.		50	5,000	0	<b>0</b>	0	50	0	0	0
<b>VII</b>	<b>REPORTS &amp; DOCUMENT PRINTING - FIXED</b>											
1	Monthly Progress Report	No.		154	6,000	2	<b>1</b>	3	151	12,000	6,000	18,000
2	Design Report	No.		50	10,000	0	<b>0</b>	0	50	0	0	0
	<b>Sub Total 3- in INR</b>									<b>33,86,500</b>	<b>1,55,020</b>	<b>35,41,520</b>

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	<b>TATA Consulting Engineers Ltd.</b>											
	<b>(Key Staff) - Local in Rupees</b>											
1	Mr.S.Siddappaswamy	Senior Civil Engineer	Field	72	8,00,000	1.364	<b>0.773</b>	2.137	69.863	10,91,200	<b>6,18,400</b>	17,09,600
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	Field	72	6,00,000	2.727	<b>0.591</b>	3.318	68.682	16,36,200	<b>3,54,600</b>	19,90,800
	<b>Sub Total 4- in INR</b>					<b>4.091</b>	<b>1.364</b>	<b>5.455</b>		<b>27,27,400</b>	<b>9,73,000</b>	<b>37,00,400</b>
	<b>Non-Key International Expert (in US Dollar)</b>											
3	Mr.Manish Chintamani Sane	Specification Specialist [Distribution]	Field	3	11,560	0.000	<b>0.000</b>	0.000	3.000	0	<b>0</b>	0
4	Dr.Alok Kumar	Environmental Specialist	Field	15	12,750	0.545	<b>0.227</b>	0.772	14.228	6,949	<b>2,894</b>	9,843
5	Mr.Hyacinth Augusto Vaz	Organisational Expert	Field	9	10,950	0.000	<b>0.000</b>	0.000	9.000	0	<b>0</b>	0
	<b>Sub Total 4 - in USD</b>			<b>27</b>		<b>0.545</b>	<b>0.227</b>	<b>0.772</b>	<b>26.228</b>	<b>6,949</b>	<b>2,894</b>	<b>9,843</b>
	<b>Non-Key Expert [National]- in Rupees</b>											
6	Mr.Surajit Debnath	Mechanical Engineer	Field	40	500000	0.000	<b>0.000</b>	0.000	40.000	0	<b>0</b>	0
7	Mr.GVK Mohan	Electrical Engineer	Field	45	500000	0.000	<b>0.000</b>	0.000	45.000	0	<b>0</b>	0
8	Mr.Vinod MK	Structural Engineer	Field	28	625000	0.000	<b>0.000</b>	0.000	28.000	0	<b>0</b>	0
9	Mr.Kumar M	Architect	Field	12	475000	0.000	<b>0.000</b>	0.000	12.000	0	<b>0</b>	0
10	Mr.K.Senthil	Building Mechanical & Electrical Engineer	Field	16	550000	0.000	<b>0.000</b>	0.000	16.000	0	<b>0</b>	0
11	Mr.S.Sreenivasula reddy	Specification Specialist	Field	4	500000	0.000	<b>0.000</b>	0.000	4.000	0	<b>0</b>	0
12	Mr.S.M.Karthikaeswaran	Environmental Specialist	Field	30	5,00,000	2.045	<b>0.955</b>	3.000	27.000	10,22,500	<b>4,77,500</b>	15,00,000
13	Mr.Hema Kumar	Pipeline Engineer-3	Field	50	2,40,000	0.000	<b>0.000</b>	0.000	50.000	0	<b>0</b>	0
14	Mr.Najas Thattakatte Abdul Kareem	Safety & Health Expert-1	Field	40	2,40,000	0.000	<b>0.000</b>	0.000	40.000	0	<b>0</b>	0
15	Mr.Prashant Balan	Safety & Health Expert-2	Field	70	2,40,000	0.000	<b>0.000</b>	0.000	70.000	0	<b>0</b>	0
16	Mr.V.S.Rajshekar	Quantity Surveyor-2	Field	70	2,40,000	0.000	<b>0.000</b>	0.000	70.000	0	<b>0</b>	0
	<b>Sub Total-5 in INR</b>			<b>405</b>		<b>2.045</b>	<b>0.955</b>	<b>3.000</b>	<b>402.000</b>	<b>10,22,500</b>	<b>4,77,500</b>	<b>15,00,000</b>

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	<b>REIMBURSABLE EXPENSES</b>											
	<b>Transportation (Reimbursable) - Fixed</b>											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		200	50,000	2	0	2	198	1,00,000	0	1,00,000
2	Local Air travel											
	Professional Staff	Return Trip		50	20,000	2	0	2	48	40,000	0	40,000
	<b>Sub Total 6 in INR</b>									<b>1,40,000</b>	<b>0</b>	<b>1,40,000</b>
	<b>NJS Engineers India Pvt. Ltd.</b>											
	<b>Remuneration</b>											
	<b>Key Staff- International (in US Dollars)</b>											
1	Dr.Ghulam Mustafa	Desalination Expert	Field	32	26,225	1.45	0.73	2.18	29.82	38,026	19,144	57,170
	<b>Sub Total 5 in USD</b>									<b>38,026</b>	<b>19,144</b>	<b>57,170</b>
	<b>Non-Key Expert [National]- in Rupees</b>											
1	Mr.Chandra Shekhar Reddy Yedla	Pipeline Engineer 1	Field	60	4,30,000	0.32	0.00	0.32	59.68	1,37,600	0	1,37,600
2	Mr.P.M.Saravanan	Hydraulic Modeller - 1	Field	8	4,30,000	0.09	0.00	0.09	7.91	38,700	0	38,700
	<b>Support Staff (in Rupees)</b>											
3	Mr.G.Murali	CAD Operator-1	Field	30	1,00,000	0.91	0.95	1.86	28.14	91,000	95,000	1,86,000
	<b>Sub Total 7 in INR</b>			<b>98</b>		<b>1.32</b>	<b>0.95</b>	<b>2.27</b>	<b>95.73</b>	<b>2,67,300</b>	<b>95,000</b>	<b>3,62,300</b>
<b>II</b>	<b>DUTY TRAVEL TO SITE (FIXED)</b>											
<b>1</b>	<b>International Air Travel</b>											
	Professional Staff	Return Trip		40	3,000	0	0	0	40	0	0	0
	<b>Sub Total 6 in USD</b>									<b>0</b>	<b>0</b>	<b>0</b>

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	<b>REIMBURSABLE EXPENSES</b>											
	<b>Transportation (Reimbursable) - Fixed</b>											
1	The Vehicle provided by the consultants shall include the cost for the rental, drivers, operation, maintenance, repairs, insurance etc.	Months		84	50,000	0.400	<b>0.00</b>	0.40	83.60	20,000	<b>0</b>	20,000
<b>VI</b>	<b>PER DIEM</b>											
1	International			1,440	5,000	<b>12</b>	<b>0</b>	12	1,428	60,000	<b>0</b>	60,000
	<b>Sub Total 8 in INR</b>									<b>80,000</b>	<b>0</b>	<b>80,000</b>
	<b>Grand Total in INR</b>									<b>97,17,566</b>	<b>23,29,743</b>	<b>1,20,47,309</b>
	<b>Grand Total In USD</b>									<b>3,13,993</b>	<b>60,913</b>	<b>3,74,906</b>
	<b>Projected Financial Progress till the end of May 2020</b>	<b>1,20,47,309</b>	<b>in INR</b>	<b>Total project cost</b>		<b>INR</b>	<b>57,55,55,630</b>		<b>% Financial Progress till the end of May 2020</b>		<b>2.09%</b>	
		<b>3,74,906</b>	<b>in USD</b>			<b>USD</b>	<b>94,11,963</b>				<b>3.98%</b>	
	<b>ACTUAL FINANCIAL PROGRESS (Based on Bills Passed till the end of May 2020)</b>	<b>0</b>	<b>in INR</b>						<b>% Actual Financial Progress till the end of May 2020</b>		<b>0.00%</b>	<b>in INR</b>
		<b>0</b>	<b>in USD</b>								<b>0.00%</b>	<b>in USD</b>

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

## STATEMENT OF TIME

Sl. No.	Name of the Staff	Position	TIME AS SPENT ON THE JOB																															Total No. of Days Worked	Man Month	
	SMEC INTERNATIONAL PTY LTD		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 International Expert																																			
1	Dr.Pararajasegram Dharmabalan	Project Manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	10	0.45
2	Mr.Michel Morillon	Mechanical Engineer (Desal)	0	0	0	0	0	0	1	A	0	0	A	A	A	1	A	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	11	0.50
3	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	0.00
4	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	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	
	Non-Key Experts- local Staff																																			
1	Mr.Ramesh Senthil	Civil Engineer	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	1	1	1	1	0	0	21	0.95
	Support Staff																																			
1	Mr.Santosh Biswa	Contract Management 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	
2	Mr.A.Renu Kumar	Office Manager cum Travel & Visa Processing	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	1	1	1	1	0	0	21	0.95
3	Mr.K.Manikandan	Accountant	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	1	1	1	1	0	0	21	0.95
4	R.Jagan (Replaced from Mr.Thukaram)	Office Boy-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	1	1	1	1	0	0	21	0.95
5	G.Arjun (Replaced from Mr.Ramesh)	Office Boy-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	1	1	1	1	0	0	21	0.95
	TATA CONSULTING ENGINEERS PVT. LTD.																																			
	Key Staff - Local Staff																																			
1	Mr.S.Siddappaswamy	Senior Civil Engineer	1	0	0	1	1	1	1	1	0	0	1	A	1	1																				

	Holiday : Saturday, Sunday		
	Government Public Holiday / CMWSSB Holiday	01.05.2020: May Day	25.05.2020 : Ramzan Holiday
A	Absent		