

**ANNEXURE 5 PROJECTED FINANCIAL PROGRESS BASED ON MAN MONTHS CONSUMED Vs ACTUAL PROGRESS (BILLS PASSED) TILL AUGUST 2020**

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

DATE : 31.08.2020

PERIOD : Projected till August 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 (July'2020)	Person Months/ Quantity Spent for current month (August 2020)	Total Person Months/ quantity spent upto current month (August 2020)	Balance Carried over	Amount Booked as on last Month (July'2020)	Amount Booked for this Invoice (August 2020)	Total Booked upto this Invoice	Balance Amount
	<b>SMEC INTERNATIONAL PTY LTD</b>													
<b>I</b>	<b>REMUNERATION</b>													
	<b>Key International Expert (in US Dollar)</b>													
1	Dr.Parajasegram Dharmabalan	Project Manager	Field	70	37,500	26,25,000	2.62	<b>0.50</b>	3.12	66.88	98,250	<b>18,750</b>	1,17,000	25,08,000
2	Mr.Shane Farquharson	Water Supply Engineer	Field	23	25,360	5,83,280	2.04	<b>0.00</b>	2.04	20.96	51,734	<b>0</b>	51,734	5,31,546
3	Mr.Michel Morillon	Mechanical Engineer (Desal)	Field	15	44,000	6,60,000	3.76	<b>0.27</b>	4.03	10.97	1,65,440	<b>11,880</b>	1,77,320	4,82,680
4	Mr.Sergio de Bastos Viilar Magalhaes Paulo	Electrical Engineer (Desal)	Field	25	13,132	3,28,300	0.00	<b>0.00</b>	0.00	25.00	0	<b>0</b>	0	3,28,300
5	Mr.John Goullee	Pipeline Engineer	Field	70	22,602	15,82,140	0.00	<b>0.00</b>	0.00	70.00	0	<b>0</b>	0	15,82,140
6	Mr.Roderick Mackenzie	Contract Specialist (Desal)	Field	9	44,407	3,99,663	0.90	<b>0.00</b>	0.90	8.10	39,966	<b>0</b>	39,966	3,59,697
	<b>Non-Key Expert - International Expert</b>													
7	Mr.Manikandan Ganesh Shoranur	Monitoring and Control Expert (Desal)	Field	11	19,260	2,11,860	0.00	<b>0.00</b>	0.00	11.00	0	<b>0</b>	0	2,11,860
	<b>Sub Total 1 in USD</b>			<b>223</b>		<b>63,90,243</b>	<b>9.32</b>	<b>0.77</b>	<b>10.09</b>	<b>212.91</b>	<b>3,55,391</b>	<b>30,630</b>	<b>3,86,021</b>	<b>60,04,222</b>
	<b>Reimbursables</b>													
<b>II</b>	<b>DUTY TRAVEL TO SITE (in US Dollar)</b>													
<b>1</b>	<b>International Air Travel</b>													
	Professional Staff	Trip		40	3,000	1,20,000	<b>5</b>	<b>0</b>	5	35	15,000	<b>0</b>	15,000	1,05,000
	<b>Sub Total 2 in USD</b>					<b>1,20,000</b>					<b>15,000</b>	<b>0</b>	<b>15,000</b>	<b>1,05,000</b>

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 (July'2020)	Person Months/ Quantity Spent for current month (August 2020)	Total Person Months/ quantity spent upto current month (August 2020)	Balance Carried over	Amount Booked as on last Month (July'2020)	Amount Booked for this Invoice (August 2020)	Total Booked upto this Invoice	Balance Amount
	<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	4,57,590	2.45	<b>0.00</b>	2.45	39.55	26,693	<b>0</b>	26,693	4,30,897
2	Mr.Ashish Gosain	Monitoring and Control Expert (Distribution)	Field	12	7,704	92,448	0.00	<b>0.00</b>	0.00	12.00	0	<b>0</b>	0	92,448
3	Mr.J.Shanmuganathan	Specification Specialist (Desal)	Field	4	7,264	29,056	0.00	<b>0.00</b>	0.00	4.00	0	<b>0</b>	0	29,056
4	Mr.Hemant Chadha	Financial Expert	Field	3	12,106	36,318	0.18	<b>0.14</b>	0.32	2.68	2,179	<b>1,695</b>	3,874	32,444
5	Mr.Santhosh Kumar	Commissioning Engineer	Field	10	10,015	1,00,150	0.00	<b>0.00</b>	0.00	10.00	0	<b>0</b>	0	1,00,150
6	Mr.Rajesh Mishra	Social Communication Specialist	Field	16	9,630	1,54,080	0.00	<b>0.00</b>	0.00	16.00	0	<b>0</b>	0	1,54,080
	<b>Sub Total 3 in USD</b>			<b>87</b>		<b>8,69,642</b>	<b>2.63</b>	<b>0.14</b>	<b>2.77</b>	<b>84.23</b>	<b>28,872</b>	<b>1,695</b>	<b>30,567</b>	<b>8,39,075</b>
	<b>Non-Key Experts- Local Staff (Local in Rupees)</b>													
7	Mr.Ramesh Senthil	Civil Engineer	Field	72	4,35,750	3,13,74,000	6.21	<b>0.95</b>	7.16	64.84	27,06,008	<b>4,13,963</b>	31,19,970	2,82,54,030
8	Mr.N Srinivasulu Reddy	Construction Planner / Cost Estimator	Field	4	3,00,000	12,00,000	0.00	<b>0.00</b>	0.00	4.00	0	<b>0</b>	0	12,00,000
9	Mr.K.C.Vinod Chandra	Quantity Surveyor - 1	Field	50	3,00,000	1,50,00,000	0.00	<b>0.00</b>	0.00	50.00	0	<b>0</b>	0	1,50,00,000
	<b>Support Staff (Local in Rupees)</b>													
10	Mr.Santosh Biswa	Contract Management Specialist	Home	6	4,35,750	26,14,500	1.27	<b>0.45</b>	1.72	4.28	5,53,403	<b>1,96,088</b>	7,49,490	18,65,010
11	TBN	Geo-technical Engineer	Home	6	4,35,750	26,14,500	0.00	<b>0.00</b>	0.00	6.00	0	<b>0</b>	0	26,14,500
12	TBN	Secretary	Field	70	52,290	36,60,300	0.00	<b>0.00</b>	0.00	70.00	0	<b>0</b>	0	36,60,300
13	Mr.A.Renu Kumar	Visa & Admin. Officer	Field	70	1,04,580	73,20,600	6.17	<b>0.95</b>	7.12	62.88	6,45,259	<b>99,351</b>	7,44,610	65,75,990
14	Mr.K.Manikandan	Accountant	Field	70	69,720	48,80,400	4.72	<b>0.95</b>	5.67	64.33	3,29,078	<b>66,234</b>	3,95,312	44,85,088
15	Mr.Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Keeper-1	Field	70	26,145	18,30,150	5.86	<b>0.95</b>	6.81	63.19	1,53,210	<b>24,838</b>	1,78,047	16,52,103
16	Mr.Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Keeper-2	Field	70	26,145	18,30,150	5.86	<b>0.95</b>	6.81	63.19	1,53,210	<b>24,838</b>	1,78,047	16,52,103
	<b>Sub Total 1 in INR</b>			<b>488</b>		<b>7,23,24,600</b>	<b>30.09</b>	<b>5.20</b>	<b>35.29</b>	<b>452.71</b>	<b>45,40,166</b>	<b>8,25,311</b>	<b>53,65,477</b>	<b>6,69,59,123</b>

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	<b>REIMBURSABLE EXPENSES</b>													
<b>1</b>	<b>TRANSPORTATION (REIMBURSABLE)</b>													
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	6	<b>1</b>	7	163.00	1,72,488	<b>44,579</b>	2,17,067	82,82,933
<b>2</b>	<b>DUTY TRAVEL TO SITE (REIMBURSABLE)</b>													
<b>2</b>	<b>Local Air Travel</b>													
a	Professional Staff	Round Trip		10	20,000	2,00,000	0	<b>0</b>	0	10	0	<b>0</b>	0	2,00,000
b	Sub Professional Staff	Round Trip		80	10,000	8,00,000	2	<b>0</b>	2	78	20,000	<b>0</b>	20,000	7,80,000
<b>3</b>	<b>OFFICE RENT (REIMBURSABLE)</b>													
1	The Rent Cost include maintenance, cleaning, repairs etc.	Month		77	1,00,000	77,00,000	6.40	<b>1</b>	7.40	69.60	6,40,000	<b>1,00,000</b>	7,40,000	69,60,000
<b>4</b>	<b>OFFICE SUPPLIES, UTILITIES &amp; COMMUNICATION (REIMBURSABLE)</b>													
1	Office supplies	No.		77	10,000	7,70,000	4.57	1	5.57	71.43	45,700	<b>10,000</b>	55,700	7,14,300
2	Drafting supplies	No.		77	6,000	4,62,000	4.57	1	5.57	71.43	27,420	<b>6,000</b>	33,420	4,28,580
3	Computer running costs	No.		77	5,000	3,85,000	4.57	1	5.57	71.43	22,850	<b>5,000</b>	27,850	3,57,150
4	Domestic communication	No.		77	15,000	11,55,000	4.57	1	5.57	71.43	68,550	<b>15,000</b>	83,550	10,71,450
<b>5</b>	<b>OFFICE FURNITURE &amp; EQUIPMENT (REIMBURSABLE)</b>													
<b>A</b>	<b>Office Furniture (Purchase)</b>													
1	Work Station Table & Chairs	No.		LS	5,00,000	5,00,000	LS	<b>0</b>	LS	0	4,95,600	<b>0</b>	4,95,600	4,400
2	Conference Hall Table & Chairs	No.		LS	2,50,000	2,50,000	LS	<b>0</b>	LS	0	2,50,000	<b>0</b>	2,50,000	0
3	Office Interiors	No.		LS	10,00,000	10,00,000	LS	<b>0</b>	LS	0	10,00,000	<b>0</b>	10,00,000	0

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<b>B</b>	<b>Office Equipment (Purchase)</b>													
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	1	0	1	0	5,00,000	0	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	3,00,000	0	3,00,000	6,00,000
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
<b>6</b>	<b>PER DIEM (PER DAY) ALLOWANCE (REIMBURSABLE)</b>													
1	International	No.		810	5,000	40,50,000	138	0	138	672	6,90,000	0	6,90,000	33,60,000
2	National	No.		50	5,000	2,50,000	0	0	0	50	0	0	0	2,50,000
<b>7</b>	<b>REPORTS &amp; DOCUMENT PRINTING (REIMBURSABLE)</b>													
1	Monthly Progress Report	No.		154	6,000	9,24,000	5	1	6	148	30,000	6,000	36,000	8,88,000
2	Design Report	No.		50	10,000	5,00,000	0	1	1	49	0	10,000	10,000	4,90,000
<b>8</b>	<b>SURVEYS (REIMBURSABLE)</b>													
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
	<b>Sub Total 2 in INR</b>					<b>3,86,96,000</b>					<b>58,12,608</b>	<b>1,96,579</b>	<b>60,09,187</b>	<b>3,26,86,813</b>

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	<b>TATA CONSULTING ENGINEERS LTD.</b>													
	<b>Non-Key International Expert (in US Dollar)</b>													
1	Mr.Manish Chintamani Sane	Specification Specialist [Distribution]	Field	3	11,560	34,680	0.000	<b>0.000</b>	0.000	3.000	0	<b>0</b>	0	34,680
2	Dr.Alok Kumar	Environmental Specialist	Field	15	12,750	1,91,250	0.999	<b>0.182</b>	1.181	13.819	12,737	<b>2,321</b>	15,058	1,76,192
3	Mr.Hyacinth Augusto Vaz	Organisational Expert	Field	9	10,950	98,550	0.000	<b>0.000</b>	0.000	9.000	0	<b>0</b>	0	98,550
	<b>Sub Total 4 in USD</b>			<b>27</b>		<b>3,24,480</b>	<b>0.999</b>	<b>0.182</b>	<b>1.181</b>	<b>25.819</b>	<b>12,737</b>	<b>2,321</b>	<b>15,058</b>	<b>3,09,422</b>
	<b>(Key Staff) - Local in Rupees</b>													
1	Mr.S.Siddappaswamy	Senior Civil Engineer	Field	72	8,00,000	5,76,00,000	3.001	<b>0.091</b>	3.092	68.908	24,00,800	<b>72,800</b>	24,73,600	5,51,26,400
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	Field	72	6,00,000	4,32,00,000	4.318	<b>0.000</b>	4.318	67.682	25,90,800	<b>0</b>	25,90,800	4,06,09,200
	<b>Sub Total 3 in INR</b>			<b>144.000</b>		<b>10,08,00,000</b>	<b>7.319</b>	<b>0.091</b>	<b>7.410</b>		<b>49,91,600</b>	<b>72,800</b>	<b>50,64,400</b>	<b>9,57,35,600</b>
	<b>Non-Key Expert [National] in Rupees</b>													
3	Mr.Surajit Debnath	Mechanical Engineer	Field	40	5,00,000	2,00,00,000	0.000	<b>0.000</b>	0.000	40.000	0	<b>0</b>	0	2,00,00,000
4	Mr.GVK Mohan	Electrical Engineer	Field	45	5,00,000	2,25,00,000	0.000	<b>0.000</b>	0.000	45.000	0	<b>0</b>	0	2,25,00,000
5	Mr.Vinod MK	Structural Engineer	Field	28	6,25,000	1,75,00,000	0.000	<b>0.000</b>	0.000	28.000	0	<b>0</b>	0	1,75,00,000
6	Mr.Kumar M	Architect	Field	12	4,75,000	57,00,000	0.000	<b>0.000</b>	0.000	12.000	0	<b>0</b>	0	57,00,000
7	Mr.K.Senthil	Building Mechanical & Electrical Engineer	Field	16	5,50,000	88,00,000	0.000	<b>0.000</b>	0.000	16.000	0	<b>0</b>	0	88,00,000
8	Mr.S.Sreenivasula reddy	Specification Specialist	Field	4	5,00,000	20,00,000	0.000	<b>0.000</b>	0.000	4.000	0	<b>0</b>	0	20,00,000
9	Mr.S.M.Karthikaeswaran	Environmental Specialist	Field	30	5,00,000	1,50,00,000	4.682	<b>0.818</b>	5.500	24.500	23,41,000	<b>4,09,000</b>	27,50,000	1,22,50,000
10	Mr.Hema Kumar	Pipeline Engineer-3	Field	50	2,40,000	1,20,00,000	0.000	<b>0.000</b>	0.000	50.000	0	<b>0</b>	0	1,20,00,000
11	Mr.Najas Thattakatte Abdul Kareem	Safety & Health Expert-1	Field	40	2,40,000	96,00,000	0.000	<b>0.000</b>	0.000	40.000	0	<b>0</b>	0	96,00,000
12	Mr.Prashant Balan	Safety & Health Expert-2	Field	70	2,40,000	1,68,00,000	0.000	<b>0.000</b>	0.000	70.000	0	<b>0</b>	0	1,68,00,000
13	Mr.V.S.Rajshekar	Quantity Surveyor-2	Field	70	2,40,000	1,68,00,000	0.000	<b>0.000</b>	0.000	70.000	0	<b>0</b>	0	1,68,00,000
	<b>Sub Total 4 in INR</b>			<b>405</b>		<b>14,67,00,000</b>	<b>4.682</b>	<b>0.818</b>	<b>5.500</b>	<b>399.500</b>	<b>23,41,000</b>	<b>4,09,000</b>	<b>27,50,000</b>	<b>14,39,50,000</b>

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	<b>REIMBURSABLE EXPENSES</b>													
1	<b>TRANSPORTATION (REIMBURSABLE)</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	1,00,00,000	2.567	1	3.567	196.433	1,28,350	19,476	1,47,826	98,52,174
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
	<b>Sub Total 5 in INR</b>					1,10,00,000					1,68,350	19,476	1,87,826	1,08,12,174
	<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	29.50	26,225	7,73,638	4.18	0.95	5.13	24.37	1,09,621	24,914	1,34,535	6,39,103
2	Dr.Uday G. Kelkar	Additional Key Expert - International	Field	2.50	26,225	65,563	0.41	0.14	0.55	1.95	10,752	3,672	14,424	51,139
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
	<b>Non-Key Expert - International Expert</b>													
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
	<b>Sub Total 5 in USD</b>			48		12,05,600	4.59	1.09	5.68	42.32	1,20,373	28,586	1,48,959	10,56,641

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	<b>Non-Key Expert [National]- in Rupees</b>													
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
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
	<b>Support Staff (in Rupees)</b>													
11	Mr.G.Murali	CAD Operator-1	Field	30	1,00,000	30,00,000	3.86	0.95	4.81	25.19	3,86,000	95,000	4,81,000	25,19,000
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
	<b>Sub Total 6 in INR</b>			<b>566</b>		<b>14,79,80,000</b>	<b>4.27</b>	<b>0.95</b>	<b>5.22</b>	<b>560.78</b>	<b>5,62,300</b>	<b>95,000</b>	<b>6,57,300</b>	<b>14,73,22,700</b>
	<b>REIMBURSABLE EXPENSES</b>													
<b>2</b>	<b>DUTY TRAVEL TO SITE (in US Dollar)</b>													
<b>1</b>	<b>International Air Travel</b>													
	Professional Staff	Return Trip		10	3,000	30,000	0	0	0	10	0	0	0	30,000
	<b>Sub Total 6 in USD</b>					<b>30,000</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>

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 (July'2020)	Person Months/ Quantity Spent for current month (August 2020)	Total Person Months/ quantity spent upto current month (August 2020)	Balance Carried over	Amount Booked as on last Month (July'2020)	Amount Booked for this Invoice (August 2020)	Total Booked upto this Invoice	Balance Amount
1	<b>TRANSPORTATION (Reimbursable) (in Indian Rupees)</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	42,00,000	0.40	0.00	0.40	83.60	20,000	0	20,000	41,80,000
2	<b>DUTY TRAVEL TO SITE</b>													
2	<b>Local Air Travel</b>													
b	Sub Professional Staff	Return Trip		10	20,000	2,00,000	0	0	0	10	0	0	0	2,00,000
6	<b>PER DIEM</b>													
1	International	Day		1,440	5,000	72,00,000	12	0	12	1,428	60,000	0	60,000	71,40,000
	<b>Sub Total 7 in INR</b>					1,16,00,000					80,000	0	80,000	1,15,20,000
	<b>Grand Total in INR</b>					52,91,00,600					1,84,96,024	16,18,166	2,01,14,190	50,89,86,410
	<b>Grand Total In USD</b>					89,39,965					5,32,373	63,232	5,95,604	83,44,361
	<b>Contingencies @ 5% (in INR)</b>					2,64,55,030								
	<b>Contingencies @ 5% (in USD)</b>					4,46,998								
	<b>Provisional Sum (in INR)</b>					2,00,00,000								
	<b>Provisional Sum (in USD)</b>					25,000								
	<b>GRAND TOTAL COST IN INR</b>					57,55,55,630								
	<b>GRAND TOTAL COST IN USD</b>					94,11,963								
	<b>Projected Financial Progress till the end of August 2020</b>	2,01,14,190 in INR		Total project cost		57,55,55,630 INR				% Financial Progress till the end of August 2020	3.49%	in INR		
		5,95,604 in USD				94,11,963 USD					6.33%	in USD		
	<b>ACTUAL FINANCIAL PROGRESS (Based on Bills Passed till the end of August 2020)</b>	0 in INR								% Actual Financial Progress till the end of August 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 : August 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	31		
	<b>SMEC INTERNATIONAL PTY LTD</b>																																		
	<b>Key Expert - International Expert</b>																																		
1	Dr.Pararajasegram Dharmabalan	Project Manager	0	0	1	0	0	1	0	0	0	1	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1	0	1	0	0	1	<b>11</b>	<b>0.50</b>
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	<b>0</b>	<b>0.00</b>
3	Mr.Michel Morillon	Mechanical Engineer (Desal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	0	<b>6</b>	<b>0.27</b>
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	<b>0</b>	<b>0.00</b>
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	<b>0</b>	<b>0.00</b>
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	<b>0</b>	<b>0.00</b>
	<b>Non-Key Expert - International Expert</b>																																		
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	<b>0</b>	<b>0.00</b>

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

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	31		
	<b>SMEC INDIA PRIVATE LIMITED</b>																																		
	<b>Non-Key Expert - International Expert</b>																																		
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
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
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
4	Mr.Hemant Chadha	Financial Expert	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0.14
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
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
	<b>Non-Key Expert - Local Expert</b>																																		
7	Mr.Ramesh Senthil	Civil Engineer	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	0	0	1	21	0.95
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
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

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

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	31		
	Support Staff																																		
10	Mr.Santosh Biswa	Contract Management Specialist	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	10	0.45
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	0	
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	0	
13	Mr.A.Renu Kumar	Visa & Admin. Officer	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	1	1	1	1	0	0	1
14	Mr.K.Manikandan	Accountant	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	1	1	1	1	0	0	1
15	Mr.Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Keeper-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	1	1	1	1	0	0	1
16	Mr.Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Keeper-2	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	1	1	1	1	0	0	1
	TATA CONSULTING ENGINEERS PVT. LTD.																																		
	Non-Key Expert - International Expert																																		
1	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	
2	Dr.Alok Kumar	Environmental Specialist	0	0	A	A	A	1	A	0	0	1	0	0	A	A	0	0	A	A	A	A	A	0	0	A	1	A	A	1	0	0	A	4	0.182
3	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	
	Key Expert - Local Expert																																		
1	Mr.S.Siddappaswamy	Senior Civil Engineer	0	0	A	1	1	A	A	0	0	A	A	A	A	A	0	0	A	A	A	A	A	0	0	A	A	A	A	A	0	0	A	2	0.091
2	Mr.Nagesh Chinnam	Senior Pipeline Engineer	0	0	A	A	A	A	A	0	0	A	A	A	A	A	0	0	A	A	A	A	A	0	0	A	A	A	A	A	0	0	A	0	0.000

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




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	31		
	Non-Key Expert - Local Expert																																		
3	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		
4	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		
5	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		
6	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		
7	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		
8	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		
9	Mr.S.M.Karthikaeswaran	Environmental Specialist	0	0	1	1	A	1	1	0	0	1	1	1	1	A	0	0	1	1	1	1	1	0	0	A	1	1	1	1	0	0	1		
10	Mr.S.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		
11	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		
12	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		
13	Mr.V.S.Rajasekar	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		

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

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	31			
	NJS ENGINEERS INDIA PVT. LTD.																																			
	Key Expert - International Expert																																			
1	Dr.Ghulam Mustafa	Desalination Expert	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	0	0	1	21	0.95	
2	Dr.Uday G.Kelkar	Additional Key Expert - International	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0.14
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	0	0.00	
	Non-Key Expert - International Expert																																			
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	0	0.00	
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	0	0.00	
	Non-Key Expert - Local Expert																																			
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	0	0.00	
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	0	0.00	
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	0	0.00	
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	0	0.00	
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	0	0.00	

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

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	31		
	<b>Support Staff</b>																																		
11	Mr.G.Murali	CAD Operator-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	0	0	1	21	0.95
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	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	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	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	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	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	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	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	0.00
			<b>Total</b>																															<b>204</b>	<b>9.24</b>

 Holiday : Saturday, Sunday  
 Government Public Holiday / CMWSSB Holiday  
 Absent