

PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

Consortium Partners



SMEC International Pty. Ltd. (ACN-065440619/FCRN-F01483)
NJS Engineers India Pvt Ltd, India (CIN - U74210PN2007PTC129798)
Tata Consulting Engineers Limited, India (CIN- U74210MH1999PLC123010)
SMEC (India) Pvt. Ltd. (CIN: U93000DL1997PTC088574)

Ref: SMEC/ CMWSSB / 5061185/191

Date: 19th October 2020

To,
The Superintending Engineer (Desalination)
6th floor, Chennai Metropolitan Water Supply and Sewerage Board,
No.1, Pumping Station Road,
Chintadripet, Chennai 600 002
Tamil Nadu, India

Sub: Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water Conveyance Pipeline from the Plant and upto Porur and all allied works"
- Submission of Invoice for September 2020 for SMEC India Pvt. Ltd. in Local Currency (2 copies) - Reg.

Ref: 1. Our Letter no. Ref: SMEC/ CMWSSB / 7061563/005, dated 20.01.2020
2. Your Letter no. Lr.no.CMWSSB/SE(Desal)/400 MLD Plant / PMC/2020, dated 13.01.2020
3. Our Contract Agreement No.CNT/CON/DESAL/ICB/Gol/016/2018-19, dated 09.01.2020

Dear Sir,
With reference to our agreement with CMWSSB vide our letter cited in reference no.3, dated 09.01.2020 for the subject project, please find enclosed the two (2) copies of invoices for **September 2020 for SMEC India Pvt. Ltd. in Local Currency**. The details of invoice for the September 2020 for SMEC India Pvt. Ltd. in Local Currency is furnished below:

Sl. No.	Description	Invoice No. & Date	Currency
1	Invoice for September 2020 for SMEC India Pvt. Ltd. in Local Currency	7061563/20-21/07 & 09.10.2020	INR 9,39,025

We request you to kindly consider the Lower Deduction of TDS @ 5.50% and Retention Amount @ 5% for the monthly invoice.

We request you to kindly release the payment at the earliest.

Thanking you assuring our services at all times.

Yours truly,
For **Consortium of SMEC International Pty Ltd-TCE Ltd.-NJS Engineers India Pvt. Ltd. -SMEC (India) Pvt. Ltd.**

S.Srinivasa Rao
Authorised Signatory
SMEC India Pvt. Ltd.

Encl.: Invoice for September 2020 for SMEC India Pvt. Ltd. in Local Currency (2 copies)

PMC Chennai Office Address:

13th Floor, Purva Primus, No 236, Okhiyampettai, Old Mahabalipuram Road, Thorapakkam, Chennai, Tamil Nadu 600097

+91 044 66973300 | indiabd@smec.com | www.smec.com

SMEC INDIA PRIVATE LIMITED

CHECKLIST FOR LOCAL CURRENCY MONTH OF SEPTEMBER 2020

Sl. No.	Description	Enclosed Status
1	Letter for Submission of Invoice	Yes
2	Checklist / Index	Yes
3	Invoice for Bill month of September 2020	Yes
4	Allocation/Participation – Cost Break Up Details	Yes
5	Abstract of Claim of Payment	Yes
6	Remuneration Details	Yes
7	Signed copy of Attendance Sheet	Yes
8	Vehicle Rental Invoice	Yes
9	Duty Travel – Flight Tickets	N/A
10	Office Rental Invoice	Yes
11	Purchase of Office Equipment Invoice (Tax Invoice)	Yes
12	Report Submission Acknowledgement	Yes
13	Survey Invoice	N/A
14	Software Purchase Invoice	N/A
15	Per Diem Allowance	N/A
16	Insurance copies with Abstract Sheet	Yes
17	Performance Security Bank Guarantee / Advance Bank Guarantee	Yes
18	Asset Register/Stock Register	Yes
19	Lower Deduction of Tax Certificate	Yes

N/A : Not Applicable



Member of the Surbana Jurong Group

To

The Superintending Engineer (Desalination)

6th floor, Chennai Metropolitan Water Supply and Sewerage Board,
No.1, Pumping Station Road,
Chintadripet, Chennai 600 002
Tamil Nadu, India
STATE CODE-33

From:

SMEC India Pvt Ltd

Purvankara Primus, 13th Floor
No. 236, OMR, Okkiyampet
Thuraipakkam, Chennai - 600 097
SAC Code - 998335
GSTIN- 33AABCS5267K2Z5
PAN-AABCS5267K

Name of the Project: Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water Conveyance Pipeline from the Plant and upto Porur and all allied works

BILL OF SUPPLY

Invoice Date: 09.10.2020

Project No: 7061563

Invoice No: 7061563/20-21/07

INVOICE FOR THE MONTH OF SEPTEMBER - 2020

S.No.	Description	CURRENCY (INR)			
		CONTRACT VALUE	THIS INVOICE	UPTO PREVIOUS INVOICES	LIFE TO DATE
A	B	C	D	E	F
I.	REMUNERATION	7,23,24,600	7,17,070	53,65,477	60,82,547
II.	REIMBURSABLES	3,86,96,000	2,21,955	60,50,102	62,72,057
TOTAL VALUE		11,10,20,600	9,39,025	1,14,15,579	1,23,54,604
TOTAL INVOICE AMOUNT			9,39,025		
RETENTION AMOUNT			-		
GRAND TOTAL			9,39,025		

(INR Nine Lakh Thirty Nine Thousand Twenty Five Rupees Only)

Please remit the above payment through cheque/demand draft/transfer to our below account:

Company Name SMEC India Pvt.Ltd.
Account Number 3000036204
Bank Name Australia and New Zealand Banking Group Ltd.
Branch Address Cnergy, Unit No. A, 6th Floor, Appa Saheb
Marathe Marg, Prabhadevi, Mumbai - 400 025
RTGS/NEFT RTGS ANZB0000001

* **TAX TO BE DEDUCTED AS PER CERTIFICATE NO.1AE0620AVN & TDS rate 5.5%**

For SMEC India Pvt. Ltd.

Consultancy Services being a pure service provided to the CMWSS Board is exempted from Goods and Service Tax per Notification no. 9/2017.

Project Manager

Corporate office: 1st Floor, Novus Tower, Plot no.18, Sector-18, Gurugram 122015, Haryana, INDIA

Telephone :+91-124-4552800,4501100 Facsimile: +91-124-4380043

ALLOCATION / PARTICIPATION - BREAKUP DETAILS OF CONSORTIUMS

Name of Work : “Consultancy for Design, Preparation of Bid Documents & Evaluation of Bids for the proposed Construction of 400 MLD capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the proposed Desalination Plant and its product water conveyance pipeline from the plant and upto Porur and all allied works”										
Contract Number				:	CNT/CON/DESAL/ICB/GoI/016/2018-19					
Name of Project Management Consultant				:	SMEC India Pvt. Ltd., Haryana					
Contract Value				:	INR 57,55,55,630 and USD 9,411,963 (Including Contingencies @ 5% and Provisional Sums)					
Contract Period				:	89 Months					
Project Code Number				:	7061563					
Date of Commencement of work				:	20th January, 2020					
Participation Value for				:	INR 11,10,20,600 and USD 869,642 (Excluding Contingencies @ 5% and Provisional Sums)					
Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month/Quantity		Allocated/ Participation Amount	
							Rs.	USD	Rs.	USD
A	Remuneration									
1	Remuneration for Professional (International Experts) NON-KEY INTERNATIONAL									
	Name of the Expert	IE/LE	Position							
1	Dr.D.Elancherian	Non Key / IE	Civil and Structure Engineer (Desal)	42	M	42		10,895		4,57,590
2	Ashish Gosain	Non Key / IE	Monitoring and Control Expert (Distribution)	12	M	12		7,704		92,448
3	J Shanmuganathan	Non Key / IE	Specification Specialist (Desal)	4	M	4		7,264		29,056
4	Hemant Chadha	Non Key / IE	Financial Expert	3	M	3		12,106		36,318
5	Santhosh Kumar	Non Key / IE	Commissioning Engineer	10	M	10		10,015		1,00,150
6	Rajesh Mishra	Non Key / IE	Social Communication Specialist	16	M	16		9,630		1,54,080
2	Remuneration for Professional (Local Experts)									
	Name of the Expert	IE/LE	Position							
1	Ramesh Senthil	Non Key / LE	Civil Engineer	72	M	72	4,35,750		3,13,74,000	
2	N.Sreenivasulu Reddy	Non Key / LE	Construction Planner/ Cost Estimator	4	M	4	3,00,000		12,00,000	
3	R. Muthurajan (Replaced from K.C. Vinod Chandra)	Non Key / LE	Quantity Surveyor - 1	50	M	50	3,00,000		1,50,00,000	
3	Supporting Staffs									
	Name of the Staff	IE/LE								
1	TBN	LE	Secretary	70	M	70	52,290		36,60,300	
2	Santosh Biswa	LE	Contract Management Specialist	6	M	6	4,35,750		26,14,500	
3	TBN	LE	Geo Technical Engineer	6	M	6	4,35,750		26,14,500	
4	A.Renu Kumar	LE	Visa and Admin Officer	70	M	70	1,04,580		73,20,600	
5	K Manikandan	LE	Accountant	70	M	70	69,720		48,80,400	
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	LE	Office Keeper -1	70	M	70	26,145		18,30,150	
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	LE	Office Keeper -2	70	M	70	26,145		18,30,150	
	Remuneration - Total Value								7,23,24,600	8,69,642
B	Direct Cost (Reimbursable Expenses)									
1	Transportation									
	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.			454	M	170	50,000		85,00,000	

Reference to schedule	Description of Work	Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month/Quantity		Allocated/ Participation Amount	
					Rs.	USD	Rs.	USD
2	Duty Travel							
	Local Air Travel							
	Professional Staff	60	RT	10	20,000		2,00,000	
	Sub Professional Staff	100	RT	80	10,000		8,00,000	
3	Office Rent							
	The rent cost includes maintenance, cleaning, repairs, etc.,	77	M	77	1,00,000		77,00,000	
4	Office Supplies, Utilities and Communication							
	Office Supplies	77	M	77	10,000		7,70,000	
	Drafting Supplies	77	M	77	6,000		4,62,000	
	Computer Running Costs	77	M	77	5,000		3,85,000	
	Domestic Communication	77	M	77	15,000		11,55,000	
5	Office Furniture and Equipment							
	Office Furniture (Purchase)							
	Work Station table & Chairs		LS				5,00,000	
	Conference Hall Table & Chairs		LS				2,50,000	
	Office Interiors		LS				10,00,000	
	Office Equipment (Purchase)							
	Multipurpose Copy Machine	1	No.	1	2,00,000		2,00,000	
	A0, A1, A2 Plotter	1	No.	1	5,00,000		5,00,000	
	Laser Printers	1	No.	1	1,00,000		1,00,000	
	Desktops/Laptops	15	No.	15	60,000		9,00,000	
	Refrigerator, Coffee Vending Machine, Oven etc.,		LS				1,00,000	
	Office Attendance Biometric Systems		LS				1,00,000	
	Office Server		LS				10,00,000	
	Projector	2	No.	2	25,000		50,000	
	Video Conference with Display TVs	1	No.	1	3,00,000		3,00,000	
6	Reports and Document Prontings							
	Monthly Progress Report	154	No.	154	6,000		9,24,000	
	Design Reports	50	No.	50	10,000		5,00,000	
7	Survey							
	Bathymetric Survey	1	No.	1	8,00,000		8,00,000	
	Geotechnical Survey	50	No.	50	15,000		7,50,000	
	Water Sample Testing	10	No.	10	45,000		4,50,000	
	Topographical Survey	600	Km	600	5,000		30,00,000	
8	Software		LS				30,00,000	
9	Per Diem (Per Day) Allowance							
	International	2250	No.	810	5,000		40,50,000	
	National	50	No.	50	5,000		2,50,000	
	Reimbursable Expenses - Total Value						3,86,96,000	
	Amount, Total						11,10,20,600	8,69,642

Authorized Signatory

ABSTRACT FOR CLAIM OF PAYMENT TOWARDS PMC SERVICES

Name of Work : “Consultancy for Design, Preparation of Bid Documents & Evaluation of Bids for the proposed Construction of 400 MLD capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the proposed Desalination Plant and its product water conveyance pipeline from the plant and upto Porur and all allied works”

Contract Number	:	CNT/CON/DESAL/ICB/GoI/016/2018-19
Name of Project Management Consultant	:	SMEC India Pvt. Ltd., Haryana
Contract Value	:	INR 57,55,55,630 and USD 9,411,963 (Including Contingencies @ 5% and Provisional Sums)
Contract Period	:	89 Months
Project Code Number	:	7061563
Date of Commencement of work	:	20th January, 2020
Participation Value for	:	INR 11,10,20,600 and USD 869,642 (Excluding Contingencies @ 5% and Provisional Sums)

Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month/ Quantity		Allocated/ Participation Amount		Bill Claimed for the Month of September'2020			Bill Claimed So Far			Balance		
							INR	USD	INR	USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD
A	Remuneration																		
1	Remuneration for Professional (International Experts) - NON KEY																		
	Name of the Expert	IE/LE	Position																
1	Dr.D.Elancherian	Non Key / IE	Civil and Structure Engineer (Desal)	42	M	42		10,895		4,57,590	0.00		-	2.45		26,693	39.55		4,30,897
2	Ashish Gosain	Non Key / IE	Monitoring and Control Expert (Distribution)	12	M	12		7,704		92,448	0.00		-	0.00		0	12.00		92,448
3	J Shanmuganathan	Non Key / IE	Specification Specialist (Desal)	4	M	4		7,264		29,056	0.00		-	0.00		0	4.00		29,056
4	Hemant Chadha	Non Key / IE	Financial Expert	3	M	3		12,106		36,318	0.14		1,695	0.46		5,569	2.54		30,749
5	Santhosh Kumar	Non Key / IE	Commissioning Engineer	10	M	10		10,015		1,00,150	0.00		-	0.00		0	10.00		1,00,150
6	Rajesh Mishra	Non Key / IE	Social Communication Specialist	16	M	16		9,630		1,54,080	0.00		-	0.00		0	16.00		1,54,080
2	Remuneration for Professional (Local Experts)																		
	Name of the Expert	IE/LE	Position																
1	Ramesh Senthil	Non Key / LE	Civil Engineer	72	M	72	4,35,750		3,13,74,000		0.73	3,18,098		7.89	34,38,068		64.11	2,79,35,933	
2	N.Sreenivasulu Reddy	Non Key / LE	Construction Planner/ Cost Estimator	4	M	4	3,00,000		12,00,000		0.00	-		0.00	-		4.00	12,00,000	
3	R. Muthurajan (Replaced from K.C. Vinod Chandra)	Non Key / LE	Quantity Surveyor - 1	50	M	50	3,00,000		1,50,00,000		0.00	-		0.00	-		50.00	1,50,00,000	

Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month/ Quantity		Allocated/ Participation Amount		Bill Claimed for the Month of September'2020			Bill Claimed So Far			Balance		
							INR	USD	INR	USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD
3	Supporting Staffs																		
	Name of the Staff		Position																
1	TBN	LE	Secretary	70	M	70	52,290		36,60,300		0.00	-		0.00	-		70.00	36,60,300	
2	Santosh Biswa	LE	Contract Management Specialist	6	M	6	4,35,750		26,14,500		0.41	1,78,658		2.13	9,28,148		3.87	16,86,353	
3	TBN	LE	Geo Technical Engineer	6	M	6	4,35,750		26,14,500		0.00	-		0.00	-		6.00	26,14,500	
4	A.Renu Kumar	LE	Visa and Admin Officer	70	M	70	1,04,580		73,20,600		1.00	1,04,580		8.12	8,49,190		61.88	64,71,410	
5	K Manikandan	LE	Accountant	70	M	70	69,720		48,80,400		0.91	63,445		6.58	4,58,758		63.42	44,21,642	
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	LE	Office Keeper -1	70	M	70	26,145		18,30,150		1.00	26,145		7.81	2,04,192		62.19	16,25,958	
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	LE	Office Keeper -2	70	M	70	26,145		18,30,150		1.00	26,145		7.81	2,04,192		62.19	16,25,958	
	Remuneration - Total Value					575			7,23,24,600	8,69,642		7,17,070	1,695		60,82,547	32,262	532	6,62,42,053	8,37,380
B	Direct Cost (Reimbursable Expenses)																		
1	Transportation																		
	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.			454	M	170	50,000		85,00,000		1.00	43,085		8	3,01,067		162.00	81,98,933	
2	Duty Travel																		
	Local Air Travel																		
	Professional Staff			60	RT	10	20,000		2,00,000								10	2,00,000	
	Sub Professional Staff			100	RT	80	10,000		8,00,000					2	20,000		78	7,80,000	
3	Office Rent																		
	The rent cost includes maintenance, cleaning, repairs, etc.,			77	M	77	1,00,000		77,00,000		1.00	1,00,000		8.40	8,40,000		68.60	68,60,000	
4	Office Supplies, Utilities and Communication																		
	Office Supplies			77	M	77	10,000		7,70,000		1.00	10,000		6.57	65,700		70.43	7,04,300	
	Drafting Supplies			77	M	77	6,000		4,62,000		1.00	6,000		6.57	39,420		70.43	4,22,580	
	Computer Running Costs			77	M	77	5,000		3,85,000		1.00	5,000		6.57	32,850		70.43	3,52,150	
	Domestic Communication			77	M	77	15,000		11,55,000		1.00	15,000		6.57	98,550		70.43	10,56,450	
5	Office Furniture and Equipment																		
	Office Furniture (Purchase)																		
	Work Station table & Chairs				LS				5,00,000					LS	4,95,600		LS	4,400	
	Conference Hall Table & Chairs				LS				2,50,000					LS	2,50,000		LS	-	
	Office Interiors				LS				10,00,000					LS	10,00,000		0	-	

Reference to schedule	Description of Work	Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month/ Quantity		Allocated/ Participation Amount		Bill Claimed for the Month of September'2020			Bill Claimed So Far			Balance		
					INR	USD	INR	USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD	Quantity	Amount in INR	Amount in USD
	Office Equipment (Purchase)																
	Multipurpose Copy Machine	1	No.	1	2,00,000		2,00,000					1	2,00,000		1	-	
	A0, A1, A2 Plotter	1	No.	1	5,00,000		5,00,000					1	5,00,000		1	-	
	Laser Printers	1	No.	1	1,00,000		1,00,000					-	-		1	1,00,000	
	Desktops/Laptops	15	No.	15	60,000		9,00,000					5	3,00,000		10	6,00,000	
	Refrigerator, Coffee Vending Machine, Oven etc.,		LS		1,00,000		1,00,000			36,870			36,870		LS	63,130	
	Office Attendance Biometric Systems		LS		1,00,000		1,00,000					-	-		LS	1,00,000	
	Office Server		LS		10,00,000		10,00,000					LS	10,00,000		0	-	
	Projector	2	No.	2	25,000		50,000					2	50,000		0	-	
	Video Conference with Display TVs	1	No.	1	3,00,000		3,00,000					1	3,00,000		0	-	
6	Reports and Document Printings																
	Monthly Progress Report	154	No.	154	6,000		9,24,000		1	6,000		7	42,000		147	8,82,000	
	Design Reports	50	No.	50	10,000		5,00,000		-	-		1	10,000		50	4,90,000	
7	Survey																
	Bathymetric Survey	1	No.	1	8,00,000		8,00,000					-	-		1	8,00,000	
	Geotechnical Survey	50	No.	50	15,000		7,50,000					-	-		50	7,50,000	
	Water Sample Testing	10	No.	10	45,000		4,50,000					-	-		10	4,50,000	
	Topographical Survey	600	Km	600	5,000		30,00,000					-	-		600	30,00,000	
8	Software		LS		30,00,000		30,00,000					-	-		LS	30,00,000	
9	Per Diem (Per Day) Allowance																
	International	2250	No.	810	5,000		40,50,000					138	6,90,000		672	33,60,000	
	National	50	No.	50	5,000		2,50,000								50	2,50,000	
	Reimbursable Expenses - Total Value						3,86,96,000	-		2,21,955	-		62,72,057	-		3,24,23,943	-
	Amount, Total						11,10,20,600	8,69,642		9,39,025	1,695		1,23,54,604	32,262		9,86,65,996	8,37,380

For SMEC India Pvt. Ltd.



Authorized Signatory

LOCAL EXPERTS AND SUPPORTING STAFF REMUNERATION EXPENSES								
Sl.No.	Name	Position	Total No. of Staff Months	Rate per Month (INR)	Total Amount in (INR)	Man Month Claimed for Sep'2020	Total Amount Claim for - Sep'2020 (INR)	Balance Amount (INR)
LOCAL EXPERTS - NON KEY EXPERTS								
1	Ramesh Senthil	Civil Engineer	72	4,35,750	3,13,74,000	0.73	3,18,098	3,10,55,903
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator	4	3,00,000	12,00,000	-	-	12,00,000
3	R. Muthurajan (Replaced from K.C. Vinod Chandra)	Quantity Surveyor - 1	50	3,00,000	1,50,00,000	-	-	1,50,00,000
SUPPORTING STAFF								
1	TBN	Secretary	70	52,290	36,60,300	-	-	36,60,300
2	Santosh Biswa	Contract Management Specialist	6	4,35,750	26,14,500	0.41	1,78,658	24,35,843
3	TBN	Geotechnical Engineer	6	4,35,750	26,14,500	-	-	26,14,500
4	A. Renu Kumar	Visa and Admin Officer	70	1,04,580	73,20,600	1.00	1,04,580	72,16,020
5	Manikandan.K	Accountant	70	69,720	48,80,400	0.91	63,445	48,16,955
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Keeper-1	70	26,145	18,30,150	1.00	26,145	18,04,005
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Keeper-2	70	26,145	18,30,150	1.00	26,145	18,04,005
					7,23,24,600		7,17,070	7,16,07,530



Authorized Signatory

STAFF MAN MONTHS DETAILS - ABSTRACT

Sr. No.	Name	Position	Total Staff Man Months	Man months claimed details									Total Staff Man Months Utilised	Balance Man Months
				Jan'20	Feb'20	Mar'20	Apr'20	May'20	June'20	July'20	Aug'20	Sep'20		
LOCAL														
1	Ramesh Senthil	Civil Engineer	72	0.45	0.86	0.95	1.00	0.95	1.00	1.00	0.95	0.73	7.89	64.11
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator	4										-	4.00
3	R. Muthurajan (Replaced from K.C. Vinod Chandra)	Quantity Surveyor - 1	50										-	50.00
Support Staff														
1	TBN	Secretary	70										-	70.00
2	Santosh Biswa	Contract Management Specialist	6			0.14			0.68	0.45	0.45	0.41	2.13	3.87
3	TBN	Geotechnical Engineer	6										-	6.00
4	A. Renu Kumar	Visa and Admin Officer	70	0.36	0.91	0.95	1.00	0.95	1.00	1.00	0.95	1.00	8.12	61.88
5	Manikandan.K	Accountant	70			0.77	1.00	0.95	1.00	1.00	0.95	0.91	6.58	63.42
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Boy -1	70	-	0.91	1.00	1.00	0.95	1.00	1.00	0.95	1.00	7.81	62.19
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Boy -2	70	-	0.91	1.00	1.00	0.95	1.00	1.00	0.95	1.00	7.81	62.19

Authorized Signatory

ATTENDANCE SHEET - SEPTEMBER 2020

Sl. No.	Name	Position	1-Sep	2-Sep	3-Sep	4-Sep	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep	Total No. of Working Days	Man month Claimed
LOCAL EXPERTS - NON KEY EXPERTS			Tue	We d	Thu	Fri	Sat	Sun	Mo n	Tue	We d	Thu	Fri	Sat	Sun	Mo n	Tue	We d	Thu	Fri	Sat	Sun	Mo n	Tue	We d	Thu	Fri	Sat	Sun	Mo n	Tue	We d		
1	Ramesh Senthil	Civil Engineer	P	P	P	P			P	P	P	P	P			P	A	A	A	P			A	P	A	P	A			P	P	P	16	0.73
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator																																
3	R. Muthurajan (Replaced from K.C. Vinod Chandra)	Quantity Surveyor - 1																																
SUPPORTING STAFF																																		
1	TBN	Secretary																																
2	Santosh Biswa	Contract Management Specialist	P	P					P				P			P				P			P			P				P			9	0.41
3	TBN	Geotechnical Engineer																																
4	A. Renu Kumar	Visa and Admin Officer	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	22	1.00
5	Manikandan.K	Accountant	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	A	P	P	P			P	A	P	20	0.91
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Keeper-1	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	22	1.00
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Keeper-2	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	22	1.00

P - Present

PH- Public / CMWSSB Holidays



Authorized Signatory

REIMBURSABLE EXPENSES

I-TRANSPORTATION (REIMBURSABLE)

Sl. No.	Description	Unit	Currency	Quantity	Rate (Rs.)	Amount (INR)	Claim for the month of Sep'2020	Total Amount Currency (INR)
1	The vehicle provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	No.	INR	170	50,000	85,00,000	1	43,085
Sub Total(I)						85,00,000		

II-DUTY TRAVEL TO SITE (REIMBURSABLE)

Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
1	Local Air Travel							
	Professional Staff	Round Trip	INR	10	20,000	2,00,000		
	Sub Professional Staff	Round Trip	INR	80	10,000	8,00,000		
Sub Total(II)						10,00,000		

III-OFFICE RENT (REIMBURSABLE)

Sl. No.	Description	Unit	Currency	Months	Rate	Amount (INR)		
1	The Rent Cost Includes Maintenance, Cleaning, Repairs, etc.,		INR	77	1,00,000	77,00,000	1	1,00,000
Sub Total(III)						77,00,000		

IV-OFFICE SUPPLIES, UTILITIES & COMMUNICATION (REIMBURSABLE)

Sl. No.	Item	Unit	Currency	Months	Monthly Rate	Amount (INR)		
1	Office Supplies	No	INR	77	10,000	7,70,000	1.00	10,000
2	Drafting Supplies	No	INR	77	6,000	4,62,000	1.00	6,000
3	Computer Running Costs	No	INR	77	5,000	3,85,000	1.00	5,000
4	Domestic Communication	No	INR	77	15,000	11,55,000	1.00	15,000
Sub Total(IV)						27,72,000		

V-OFFICE FURNITURE & EQUIPMENT (REIMBURSABLE)

Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
Office Furniture (Purchase)								
1	Work Station Table & Chairs	No.	INR	LS	-	5,00,000		-
2	Conference Hall Table & Chairs	No.	INR	LS	-	2,50,000		-
3	Office Interiors	No.	INR	LS	-	10,00,000		-
Sub Total (1+2+3)						17,50,000		
Office Equipment (Purchase)								
1	Multipurpose Copy Machine	No.	INR	1	2,00,000	2,00,000		-
	A0,A1,A2 Plotter	No.	INR	1	5,00,000	5,00,000		-
2	Laser Printers	No.	INR	1	1,00,000	1,00,000		-
3	Desktops/Laptops	No.	INR	15	60,000	9,00,000		-
4	Refrigerator, Coffee Vending Machine, Oven etc.	No.	INR	LS	-	1,00,000	36,870	36,870
5	Office Attendance Biometric Systems	No.	INR	LS	-	1,00,000		-
6	Office Server	No.	INR	LS	-	10,00,000		-
7	Projector	No.	INR	2	25,000	50,000		-
8	Video Conference with Display TVs	No.	INR	1	3,00,000	3,00,000		-
9	Softwares	No.	INR	LS	-	30,00,000		-
Sub Total (1+2+3+4+5+6+7+8+9)						62,50,000		
Sub Total(V)						80,00,000		-

VI-PER DIEM (PER DAY) ALLOWANCE (REIMBURSABLE)

1	International	No.	INR	810	5,000	40,50,000		-
2	National	No.	INR	50	5,000	2,50,000		-
Sub Total(VI)						43,00,000		

Sl. No.	Description	Unit	Currency	Quantity	Rate (Rs.)	Amount (INR)	Claim for the month of Sep'2020	Total Amount Currency (INR)
VII-REPORTS & DOCUMENT PRINTING								
Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
1	Monthly Progress Reports	No.	INR	154	6,000	9,24,000	1	6,000
2	Design Reports	No.	INR	50	10,000	5,00,000		-
	Sub Total (VII)					14,24,000		
VIII-SURVEYS & INVESTIGATIONS								
Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
1	Bathymetry Survey	No.	INR	1	8,00,000	8,00,000		
2	Geotechnical Survey	No.	INR	50	15,000	7,50,000		
3	Water Sample Testing	No.	INR	10	45,000	4,50,000		
4	Topographical Survey	Km	INR	600	5,000	30,00,000		
	Sub Total(VII)					50,00,000		
	Total=Sub Total (I+II+III+IV+V+VI+VII+VIII)					3,86,96,000		2,21,955

Authorized Signatory

I-TRANSPORTATION (REIMBURSABLE)		
1. Vehicle Hired Details for the Month of September- 2020		
Sr.No	Name of the Travels	Vehicle No.
1	Guru Travels	TN 14 V 5987

Authorized Signatory

III-OFFICE RENT (REIMBURSABLE) - FIXED		
1. The Rent Cost Includes Maintenance, Cleaning, Repairs, etc.,		
Sr.No	Name of the Party	For the Month of
1	Puravankara Primus	September'2020

Authorized Signatory

V-OFFICE EQUIPMENT PURCHASES (REIMBURSABLE)			
4. Refrigerator, Coffee Vending Machine, Oven etc.			
Sr.No	Invoice No. & Date	Name of the Agency	Amount Claimed (INR)
1	11221170038120 & 28.08.2020	Vasanth & Co, Sholinganallur Branch, No. 65/26, Rajiv Gandhi Road, Sholinganallur, Chennai - 600119	36,870.00
		Total INR	36,870.00



Authorized Signatory

VII-REPORTS & DOCUMENT PRINTING			
Sr.No	Name of the Report	Submission Date	No. of Copies Submitted
1. Monthly Progress Report			
i.	Monthly Progress Report - August-2020	10th September 2020	10
2. Design Report			
i			
ii.			



Authorized Signatory

REIMBURSABLE EXPENSES																	
I-TRANSPORTATION (REIMBURSABLE)																	
Sl.No.	Description	Unit	Currency	Qty	Rate	Amount (INR)	Invoice for Jan-20 (Qty)	Invoice for Feb-20 (Qty)	Invoice for Mar-20 (Qty)	Invoice for Apr-20 (Qty)	Invoice for May-20 (Qty)	Invoice for June-20 (Qty)	Invoice for July-20 (Qty)	Invoice for Aug-20 (Qty)	Invoice for Sep-20 (Qty)	Total Claimed As on date (Qty)	Balance Quantity / Currency (INR)
1	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	No.	INR	170	50,000	85,00,000	1	1	1	-	1	1	1	1	1	8	162.00
	Sub-Total(I)					85,00,000											
II-DUTY TRAVEL TO SITE (REIMBURSABLE)																	
Sl.No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)											
1	Local Air Travel																
	Professional Staff	Round Trip	INR	10	20,000	2,00,000											10
	Sub Professional Staff	Round Trip	INR	80	10,000	8,00,000			2							2	78
	Sub-Total(II)					10,00,000											
III-OFFICE RENT (REIMBURSABLE)																	
Sl.No.	Description	Unit	Currency	Months	Rate	Amount (INR)											
1	The Rent Cost Includes Maintenance, Cleaning, Repairs, etc.,		INR	77	1,00,000	77,00,000	0.40	1	1	1	1	1	1	1	1	8.40	68.60
	Sub-Total(III)					77,00,000											
IV-OFFICE SUPPLIES, UTILITIES & COMMUNICATION (REIMBURSABLE)																	
Sl No	Item	Unit	Currency	Months	Monthly Rate	Amount (INR)											
1	Office Supplies	No.	INR	77	10,000	7,70,000	0.40	1.00	1.00	-	0.57	0.60	1.00	1.00	1.00	6.57	70.43
2	Drafting Supplies	No.	INR	77	6,000	4,62,000	0.40	1.00	1.00	-	0.57	0.60	1.00	1.00	1.00	6.57	70.43
3	Computer Running Costs	No.	INR	77	5,000	3,85,000	0.40	1.00	1.00	-	0.57	0.60	1.00	1.00	1.00	6.57	70.43
4	Domestic Communication	No.	INR	77	15,000	11,55,000	0.40	1.00	1.00	-	0.57	0.60	1.00	1.00	1.00	6.57	70.43
	Sub-Total(IV)					27,72,000											
V-OFFICE FURNITURE & EQUIPMENT (REIMBURSABLE)																	
Sl No	Description	Unit	Currency	Quantity	Rate	Amount (INR)											
	Office Furniture (Purchase)																
1	Work Station Table & Chairs	No	INR	LS	-	5,00,000						4,95,600				4,95,600	4,400
2	Conference Hall Table & Chairs	No	INR	LS	-	2,50,000						-	2,50,000			2,50,000	-
3	Office Interiors - Fixed	No	INR	LS	-	10,00,000						10,00,000				10,00,000	-

Sl.No.	Description	Unit	Currency	Qty	Rate	Amount (INR)	Invoice for Jan-20 (Qty)	Invoice for Feb-20 (Qty)	Invoice for Mar-20 (Qty)	Invoice for Apr-20 (Qty)	Invoice for May-20 (Qty)	Invoice for June-20 (Qty)	Invoice for July-20 (Qty)	Invoice for Aug-20 (Qty)	Invoice for Sep-20 (Qty)	Total Claimed As on date (Qty)	Balance Quantity / Currency (INR)
	Office Equipment (Purchase)																
1	Multipurpose Copy Machine	No.	INR	1	2,00,000	2,00,000			2,00,000							2,00,000	-
	A0,A1,A2 Plotter	No.	INR	1	5,00,000	5,00,000							5,00,000			5,00,000	-
2	Laser Printers	No.	INR	1	1,00,000	1,00,000										-	1,00,000
3	Desktops/Laptops	No.	INR	15	60,000	9,00,000	3,00,000									3,00,000	6,00,000
4	Refrigerator, Coffee Vending Machine, Oven etc.	No.	INR	LS	-	1,00,000									36,870	36,870	63,130
5	Office Attendance Biometric Systems	No.	INR	LS	-	1,00,000										-	1,00,000
6	Office Server	No.	INR	LS	-	10,00,000			10,00,000							10,00,000	-
7	Projector	No.	INR	2	25,000	50,000			50,000							50,000	-
8	Video Conference with Display TVs	No.	INR	1	3,00,000	3,00,000			3,00,000							3,00,000	-
9	Softwares - Fixed	No.	INR	LS	-	30,00,000										-	30,00,000
	Sub-Total(V)					80,00,000											
VI-PER DIEM (PER DAY) ALLOWANCE (REIMBURSABLE)																	
SI No	Description	Unit	Currency	Quantity	Rate	Amount (INR)											
1	International	No.	INR	810	5,000	40,50,000	36	70	32							138	672
2	National	No.	INR	50	5,000	2,50,000										-	50
	Sub-Total(VI)					43,00,000											
VII-REPORTS & DOCUMENT PRINTING																	
SI No	Description	Unit	Currency	Quantity	Rate	Amount (INR)											
1	Monthly Progress Reports	No.	INR	154	6,000	9,24,000				2	1	1	1	1	1	7	147
2	Design Reports	No.	INR	50	10,000	5,00,000								1		1	49
	Sub-Total(VII)					14,24,000											
VIII-SURVEYS & INVESTIGATIONS																	
SI No	Description	Unit	Currency	Quantity	Rate	Amount (INR)											
1	Bathymetric Survey	No.	INR	1	8,00,000	8,00,000										-	8,00,000
2	Geo-Technical Survey	No.	INR	50	15,000	7,50,000										-	7,50,000
3	Water Sample Testing	No.	INR	10	45,000	4,50,000										-	4,50,000
4	Topographical Survey	No.	INR	600	5,000	30,00,000										-	30,00,000
	Sub-Total(VIII)					50,00,000											
	Total=Sub Total (I+II+III+IV+V+VI+VII+VIII)					3,86,96,000											

Authorized Signatory

ASSET REGISTER : CHENNAI PERUR 400 MLD DESALINATION PROJECT

SMEC INDIA PRIVATE LIMITED, Chennai

Upto September 2020

V-OFFICE FURNITURE & EQUIPMENT PURCHASED DETAILS

Sr.No.	Item Description	Invoice No. & Date of Purchase	Name of the Vendor	Qty.	Unit	Amount Claimed (INR)	Asset Number
1	Desktops / Laptops: (Procurement of 5 nos Laptops HP ProBook 440 G6 Laptop Intel Core i58265 U Processor) Serial Nos. 5CD952D3HD, 5CD952D3JT, 5CD952D3H2, 5CD952D3F6 & 5CD952D3GX.	1730/VTSL/19-20, 20-Jan-2020	Vertex Techno Solutions (B) Pvt. Ltd.	5	Nos.	3,48,100.00	SMEC-CHE/DESAL/LP-01, SMEC-CHE/DESAL/LP-02, SMEC-CHE/DESAL/LP-03, SMEC-CHE/DESAL/LP-04, SMEC-CHE/DESAL/LP-05
2	Multipurpose Copy Machine: Canon iR ADV C3525 - 25ppm B&W and A3-Color MFD + DADF	GST Invoice No. TNF1920000057294 & 06-March-2020	Canon India Pvt. Ltd., Haryana	1	Nos.	2,35,802.94	SMEC-CHE/DESAL/PHOTOCOPIER-01
3	Office Server Fixed: i.UPS Delta 5 KVA; Model RT Series Delta 20 KVA EH-Series	FDS/0727/19-20 & 03-March-2020	Foredot Systems	1	No.	3,64,754.00	SMEC-CHE/DESAL/UPS-01
	ii.HP Server; Wi-fi System; NAS box; Network Switch etc. HPE DL380 Gen10 4208 1P 16G 12LFF Svr, Xeon-B 4208 8C, 2.1GHz, 1x16GB	109771/CHN1920 & 05-March-2020	USAM Technology Solutions (P) Ltd., Chennai	1	No.	8,21,541.00	SMEC-CHE/DESAL/SERVER-01
4	Projector: EPSON, EB-S41 Projector SVGA	109852/CHN1920 & 07-March-2020	USAM Technology Solutions (P) Ltd., Chennai	2	Nos.	54,784.00	SMEC-CHE/DESAL/PROJECTOR-01, SMEC-CHE/DESAL/PROJECTOR-02
5	Video Conference with Display TV: i.Polycom Partner Premium 1 Year for Group 310-720p(4870-65330-160 Skype license for group series 5150-65083-001 & Installation Charges	1920262056 & 18-March-2020	Savi Vision Private Ltd., New Delhi	1	No.	97,940.00	SMEC-CHE/DESAL/VIDEO-01
	ii.Polycom RealPresence Group 310-720p (7230-84150-036)	1920262009 & 04-March-2020	Savi Vision Private Ltd., New Delhi	1	No.	2,32,460.00	SMEC-CHE/DESAL/VIDEO-02
6	Work Station 1200mm * 600mm	Int-001 & 03-06-2020	Bathra Contracts No. 64, Erikarai Street, Pallikaranai, Chennai 2	24	No.	4,95,600.00	SMEC-CHE/DESAL/WS-01 TO 24
	Work Station 1500mm * 600mm			6			SMEC-CHE/DESAL/WS- 25 TO 30
	Work Station Chairs			30			SMEC-CHE/DESAL/W.CHAIR- 01 TO 30
	Pedestal (3 drawers)			30			SMEC-CHE/DESAL/DRAWYER- 01 TO 30

7	Office Interiors	Int-002 & 24-06-2021	Bathra Contracts, No. 64, Erikarai Street, Pallikaranai, Chennai	-	-	10,00,000.00	
8	Plotter HP Designjet T2600 MFP (PLOTTER) DOUBEL ROLL Sr.No. CN9CF3H02N with 3 YEARS NBD POST WATTENTY (incl. of IGST)	AI/20-21/21 & 01-06-2020	Amazing Infotech, Plot No. 48., Hasnapur Village IP Extn. Delhi. Purchahse of	1	No.	5,78,200.00	SMEC-CHE/DESAL/PLOTTER-01
9	Conference Table & Chairs	Int-003 & 20-07-2020	Bathra Contracts No. 64, Erikarai Street, Pallikaranai, Chennai 2	Lump Sum	-	2,50,000.00	SMEC-CHE/DESAL/Conf-1 Table-01 , SMEC-CHE/DESAL/Conf-1 Chairs 01 to 10 SMEC-CHE/DESAL/Conf-2 Table-01, SMEC-CHE/DESAL/Conf-2 Chairs 01 to 05
10	Samsung Refrigerator Model # RT28T3042SB/HL	Invoice # 11221170038120 & 28- 08-2020	Vasanth & Co, Sholinganallur Branch, No. 65/26, Rajiv Gandhi Road, Sholinganallur, Chennai - 600119	1	No.	20,190.00	SMEC-CHE/DESAL/Fridge-01
11	Godrej Microwave Oven Model # GMX20CA5MLZ			1	No.	7,690.00	SMEC-CHE/DESAL/Oven-01
12	Bluestar Water Dispenser Model # BWD3FMCGA			1	No.	8,990.00	SMEC-CHE/DESAL/Water Dispenser-01



Authorized Signatory