

# 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 / 5061185/156

Date: 14<sup>th</sup> September 2020

To,  
**The Superintending Engineer (Desalination)**  
6<sup>th</sup> 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 August 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 **August 2020 for SMEC India Pvt. Ltd. in Local Currency**. The details of invoice for the August 2020 for SMEC India Pvt. Ltd. in Local Currency is furnished below:

Sl. No.	Description	Invoice No. & Date	Currency
1	Invoice for August 2020 for SMEC India Pvt. Ltd. in Local Currency	7061563/20-21/06 & 14.09.2020	INR 10,21,890

The above amount is exclusive of 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.**

Authorised Signatory  
SMEC India Pvt. Ltd.

Encl.: Invoice for August 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, Thoraipakkam, Chennai, Tamil Nadu 600097

+91 044 66973300 | [indiabd@smec.com](mailto:indiabd@smec.com) | [www.smec.com](http://www.smec.com)

**SMEC INDIA PRIVATE LIMITED**

**CHECKLIST FOR LOCAL CURRENCY MONTH OF AUGUST 2020**

Sl. No.	Description	Enclosed Status
1	Letter for Submission of Invoice	Yes
2	Checklist / Index	Yes
3	Invoice for Bill month of August 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)	N/A
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)**

6<sup>th</sup> 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: 14.09.2020

Project No: 7061563

Invoice No: 7061563/20-21/06

**INVOICE FOR THE MONTH OF AUGUST - 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	8,25,311	45,40,166	53,65,477
II.	REIMBURSABLES	3,86,96,000	1,96,579	58,53,523	60,50,102
TOTAL VALUE		11,10,20,600	10,21,890	1,03,93,689	1,14,15,579
TOTAL INVOICE AMOUNT			10,21,890		
RETENTION AMOUNT			-		
GRAND TOTAL			10,21,890		

(INR Ten Lakh Twenty One Thousand Eight Hundred and Ninety 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 DEDUCATED 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**

<b>Name of Work</b> : “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”										
<b>Contract Number</b> : CNT/CON/DESAL/ICB/GoI/016/2018-19										
<b>Name of Project Management Consultant</b> : SMEC India Pvt. Ltd., Haryana										
<b>Contract Value</b> : INR 57,55,55,630 and USD 9,411,963 (Including Contingencies @ 5% and Provisional Sums)										
<b>Contract Period</b> : 89 Months										
<b>Project Code Number</b> : 7061563										
<b>Date of Commencement of work</b> : 20th January, 2020										
<b>Participation Value for</b> : 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	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	R.Jagan (Replaced from Mr.Thukaram)	LE	Office Keeper -1	70	M	70	26,145		18,30,150	
7	G.Arjun (Replaced from Mr.Ramesh)	LE	Office Keeper -2	70	M	70	26,145		18,30,150	
	Remuneration - Total Value								7,23,24,600	8,69,642

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
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	
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

**ABSTRACT FOR CLAIM OF PAYMENT TOWARDS PMC SERVICES**

<b>Name of Work</b> : “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”																			
<b>Contract Number</b> : CNT/CON/DESAL/ICB/GoI/016/2018-19																			
<b>Name of Project Management Consultant</b> : SMEC India Pvt. Ltd., Haryana																			
<b>Contract Value</b> : INR 57,55,55,630 and USD 9,411,963 (Including Contingencies @ 5% and Provisional Sums)																			
<b>Contract Period</b> : 89 Months																			
<b>Project Code Number</b> : 7061563																			
<b>Date of Commencement of work</b> : 20th January, 2020																			
<b>Participation Value for</b> : 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 August'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	0.32		3,874	2.68	32,444	
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		0.95	4,13,963		7.16	31,19,970		64.84	2,82,54,030	
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	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 August'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		0.45	1,96,088		1.72	7,49,490		4.28	18,65,010	
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		0.95	99,351		7.12	7,44,610		62.88	65,75,990	
5	K Manikandan	LE	Accountant	70	M	70	69,720		48,80,400		0.95	66,234		5.67	3,95,312		64.33	44,85,088	
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	LE	Office Keeper -1	70	M	70	26,145		18,30,150		0.95	24,838		6.81	1,78,047		63.19	16,52,103	
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	LE	Office Keeper -2	70	M	70	26,145		18,30,150		0.95	24,838		6.81	1,78,047		63.19	16,52,103	
	Remuneration - Total Value					575			7,23,24,600	8,69,642		8,25,311	1,695		53,65,477	30,567	537	6,69,59,123	8,39,075
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	44,579		7	2,57,982		163.00	82,42,018	
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		7.40	7,40,000		69.60	69,60,000	
4	Office Supplies, Utilities and Communication																		
	Office Supplies			77	M	77	10,000		7,70,000		1.00	10,000		5.57	55,700		71.43	7,14,300	
	Drafting Supplies			77	M	77	6,000		4,62,000		1.00	6,000		5.57	33,420		71.43	4,28,580	
	Computer Running Costs			77	M	77	5,000		3,85,000		1.00	5,000		5.57	27,850		71.43	3,57,150	
	Domestic Communication			77	M	77	15,000		11,55,000		1.00	15,000		5.57	83,550		71.43	10,71,450	

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 August'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
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	-	
	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					-	-		LS	1,00,000	
	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		6	36,000		148	8,88,000	
	Design Reports	50	No.	50	10,000		5,00,000		1	10,000		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	-		1,96,579	-		60,50,102	-		3,26,45,898	-
	Amount, Total						11,10,20,600	8,69,642		10,21,890	1,695		1,14,15,579	30,567		9,96,05,021	8,39,075



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 Aug'2020	Total Amount Claim for - Aug'2020 (INR)	Balance Amount (INR)
LOCAL EXPERTS - NON KEY EXPERTS								
1	Ramesh Senthil	Civil Engineer	72	4,35,750	3,13,74,000	0.95	<b>4,13,963</b>	3,09,60,038
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator	4	3,00,000	12,00,000	-	-	12,00,000
3	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	0.45	<b>1,96,088</b>	24,18,413
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	0.95	<b>99,351</b>	72,21,249
5	Manikandan.K	Accountant	70	69,720	48,80,400	0.95	<b>66,234</b>	48,14,166
6	Pilominraj Raja (Replaced from Mr.R.Jagan)	Office Keeper-1	70	26,145	18,30,150	0.95	<b>24,838</b>	18,05,312
7	Thiruvengadam Someswaran (Replaced from Mr.G.Arjun)	Office Keeper-2	70	26,145	18,30,150	0.95	<b>24,838</b>	18,05,312
					<b>7,23,24,600</b>		<b>8,25,311</b>	<b>7,14,99,290</b>

**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
LOCAL				Jan'20	Feb'20	Mar'20	Apr'20	May'20	June'20	July'20	Aug'20		
1	Ramesh Senthil	Civil Engineer	72	0.45	0.86	0.95	1.00	0.95	1.00	1.00	0.95	7.16	64.84
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator	4									-	4.00
3	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	1.72	4.28
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	7.12	62.88
5	Manikandan.K	Accountant	70			0.77	1.00	0.95	1.00	1.00	0.95	5.67	64.33
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	6.81	63.19
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	6.81	63.19

## ATTENDANCE SHEET - August 2020

Sl. No.	Name	Position	1-Aug	2-Aug	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	Total No. of Working Days	Man month Claimed
LOCAL EXPERTS - NON KEY EXPERTS			Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon		
1	Ramesh Senthil	Civil Engineer			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	21	0.95
2	N Sreenivasulu Reddy	Construction Planner / Cost Estimator																																	
3	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			P	10	0.45
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	21	0.95
5	Manikandan.K	Accountant			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	P	P	P	P			P	21	0.95
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	21	0.95
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	21	0.95

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 Aug'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	44,579
	<b>Sub Total(I)</b>					<b>85,00,000</b>		
II-DUTY TRAVEL TO SITE (REIMBURSABLE)								
Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
1	<b>Local Air Travel</b>							
	Professional Staff	Round Trip	INR	10	20,000	2,00,000		
	Sub Professional Staff	Round Trip	INR	80	10,000	8,00,000		
	<b>Sub Total(II)</b>					<b>10,00,000</b>		
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
	<b>Sub Total(III)</b>					<b>77,00,000</b>		
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
	<b>Sub Total(IV)</b>					<b>27,72,000</b>		
V-OFFICE FURNITURE & EQUIPMENT (REIMBURSABLE)								
Sl. No.	Description	Unit	Currency	Quantity	Rate	Amount (INR)		
	<b>Office Furniture (Purchase)</b>							
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		-
	<b>Sub Total (1+2+3)</b>					<b>17,50,000</b>		
	<b>Office Equipment (Purchase)</b>							
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		-
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		-
	<b>Sub Total (1+2+3+4+5+6+7+8+9)</b>					<b>62,50,000</b>		
	<b>Sub Total(V)</b>					<b>80,00,000</b>		-
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		-
	<b>Sub Total(VI)</b>					<b>43,00,000</b>		

Sl. No.	Description	Unit	Currency	Quantity	Rate (Rs.)	Amount (INR)	Claim for the month of Aug'2020	Total Amount Currency (INR)
<b>VII-REPORTS &amp; DOCUMENT PRINTING</b>								
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	1	10,000
	<b>Sub Total (VII)</b>					<b>14,24,000</b>		
<b>VIII-SURVEYS &amp; INVESTIGATIONS</b>								
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		
	<b>Sub Total(VII)</b>					<b>50,00,000</b>		
	<b>Total=Sub Total (I+II+III+IV+V+VI+VII+VIII)</b>					<b>3,86,96,000</b>		<b>1,96,579</b>

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

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

VII-REPORTS & DOCUMENT PRINTING			
Sr.No	Name of the Report	Submission Date	No. of Copies Submitted
<b>1. Monthly Progress Report</b>			
i.	Monthly Progress Report - July-2020	12th August 2020	10
<b>2. Design Report</b>			
i	Interim Report for Development of Concept Designs CP1 - May 2020	28th May 2020	5
ii.	Concept Design Report CP1 - July 2020	10th July 2020	5



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)	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	7	163.00	
	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	7.40	69.60	
	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	5.57	71.43	
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	5.57	71.43	
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	5.57	71.43	
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	5.57	71.43	
	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	-	
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									-	1,00,000	
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)																	
Sl 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																	
Sl 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	6	148	
2	Design Reports	No.	INR	50	10,000	5,00,000								1	1	49	
	Sub-Total(VII)					14,24,000											
VIII-SURVEYS & INVESTIGATIONS																	
Sl 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											