

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 / 5061185/077

Date: 08th June 2020

To,
Superintending Engineer (Desalination),
6th Floor, Chennai Metropolitan Water Supply & Sewerage Board,
No.1 Pumping Station Road,
Chintdaripet, Chennai 600 002



Sub: Consultancy for Design, Preparation of Bid Documents & Evaluation of Bids for the proposed construction of 400 MLD capacity Sea Water 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 Updated Cost Break-up details between Consortium Members – Reg.**

Ref: 1. Our Letter no. Ref: SMEC/ CMWSSB / 7061563/007, 30.01.2020
2. Your Letter no. Lr.no.CMWSSB/SE(Desal)/400 MLD Plant / PMC/2020, dated 13.01.2020
3. Our Contract Agreement with CMWSSB, dated 09.01.2020
4. Our Letter no. Ref : 1600991/BG/08, dated 20th November 2019
5. Our Letter no. Ref : 1600991/LOA/07, dated 08th November 2019
6. Your Letter no. Lr.no.CMWSSB /CNT/CON/DESAL/ICB/Gol/016/2018-19, dated 06.11.2019

Dear Sir,

With reference to Letter of Acceptance vide reference no.6, dated 06.11.2019, the total cost of consultancy services at the value of INR 57,55,55,630 (Rupees Fifty Seven Crores Fifty Five Lakhs Fifty Five Thousand and Six Hundred Thirty only) and in USD 9,411,963 (Nine Million Four Hundred Eleven Thousand Nine Hundred Sixty Three Dollars only). The updated cost break-up summary details among the consortium partners have been given below for the subject project:

S.No.	Name of the Participant	Role of the Member	Ceiling Amount of each Firm	
			USD	INR
1	SMEC	Lead Member	6,510,243	Nil
2	TCE	Consortium Member	324,480	25,85,00,000
3	NJSEI	Consortium Member	1,235,600	15,95,80,000
4	SMEC India	Consortium Member	869,642	11,10,20,600
	Total =		8,939,965	52,91,00,600
	Contingencies @ 5%		446,998	2,64,55,030
	Total with Contingencies (A)		9,386,963	55,55,55,630
	Provisional sum (B)		25,000	2,00,00,000
	Grand Total (A+B)		9,411,963	57,55,55,630

The above-mentioned total cost is inclusive of Contingencies @ 5% and Provision sums as per our Financial Proposal.

PMC Chennai Office Address:

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

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The staff and financial break up details of each consortium member is enclosed along with this letter.

The payments to be made to the respective partners in the bank accounts provided in the Contract Agreement (SCC Clause No 6.5 (e)) as per the approved invoices within the ceiling amount of cost distribution as indicated above and the corresponding detailed distribution of cost breakup between four Consortium members indicated in the attachments. This is as per the provisions of the Contract Agreement, replies to Pre-bid queries No 46, "Payment will be made to the account of the individual members of the Joint Venture / Consortium as per the invoice submitted by the Lead Member".

The advance invoices and the monthly invoices will be submitted to CMWSSB in a combined covering letter with individual members invoices after consolidation from our end.

CMWSSB is requested to accord their concurrence on the above distribution of costs and procedure for payment to the individual partners so that we can raise the invoices accordingly.

Thanking you and assuring you of our best services at all times.

Yours truly,

For Consortium of SMEC International-TCE-NJSEI-SMEC (India) Pvt. Ltd.

S.Srinivasa Rao
Project Co-Ordinator
SMEC India Pvt. Ltd.

Encl: Staff and financial break-up details of each consortium member

PMC Chennai Office Address:

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

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ENCLOSURE-1: BREAKDOWN OF THE REMUNERATIONS AND REIMBURSABLES OF ALL CONSORTIUM MEMBERS

The remuneration and reimbursable share of each participant is given below.

SMEC International Pty Ltd (SMEC)

REMUNERATIONS

Sl. No.	Name	Position	Man Months	Rate (Per Month)		Amount	
				USD	INR	USD	INR
KEY INTERNATIONAL							
1	Dr.Pararajasegram Dharmabalan	Project Manager	70	37,501	-	2,625,000	-
2	Shane Farquharson	Water Supply Engineer	23	25,360	-	583,280	-
3	Michel Morillon	Mechanical Engineer (Desal)	15	44,000	-	660,000	-
4	Sergio de Bastos Vilar Magalhaes Paulo	Electrical Engineer (Desal)	25	13,132	-	328,300	-
5	John Goullee	Pipeline Engineer	70	22,602	-	1,582,140	-
6	Roderick Mackenzie	Contract Specialist (Desal)	9	44,407	-	399,663	-
7	Manikandan Ganesh Shoranur	Monitoring and Control Expert (Desal)	11	19,260	-	211,860	-
		Total				6,390,243	-

REIMBURSABLES

Sl. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	Amount- INR
2	DUTY TRAVEL TO SITE						
1	International Air Travel						
	Professional Staff	Return Trip	USD	40	3,000	120,000	-
		Total				120,000	

Tata Consulting Engineers (TCE)

REMUNERATIONS

Sl. No.	Name	Position	Man Months	Rate (Per Month)		Amount	
				USD	INR	USD	INR
	NON-KEY INTERNATIONAL						
1	Manish Chintamani Sane	Specification Specialist (Distribution)	3	11,560	-	34,680	-
2	Dr.Alok Kumar	Environmental Specialist	15	12,750	-	191,250	-
3	Hyacinth Augusto Vaz	Organisational Expert	9	10,950	-	98,550	-
	NATIONAL STAFF						
1	S.Siddappaswamy	Senior Civil Engineer (Key -Local)	72	-	8,00,000	-	5,76,00,000
2	Surajit Debnath	Mechanical Engineer	40	-	5,00,000	-	2,00,00,000
3	G.V.K Mohan	Electrical Engineer	45	-	5,00,000	-	2,25,00,000
4	M.K.Vinod	Structural Engineer	28	-	6,25,000	-	1,75,00,000
5	M.Kumar	Architect	12	-	4,75,000	-	57,00,000
6	K.Senthil	Building Mechanical and Electrical Engineer	16	-	5,50,000	-	88,00,000
7	Nagesh Chinnam	Senior Pipeline Engineer (Key - Local)	72	-	6,00,000	-	4,32,00,000
8	S.Hema Kumar	Pipeline Engineer - 3	50	-	2,40,000	-	1,20,00,000
9	Srinivasula Reddy	Specification Specialist	4	-	5,00,000	-	20,00,000
10	S.M.Karthikaeswaran	Environmental Specialist	30	-	5,00,000	-	1,50,00,000
11	Najas Thattakatte Abdulkareem	Safety and Health Expert - 1	40	-	2,40,000	-	96,00,000
12	Prasanth Balan	Safety and Health Expert - 2	70	-	2,40,000	-	1,68,00,000
13	V.S.Rajshekar	Quantity Surveyor - 2	70	-	2,40,000	-	1,68,00,000
		Total				324,480	24,75,00,000

REIMBURSABLES

Sl. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	Amount- INR
1	TRANSPORTATION						
	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	Vehicle Month	INR	200	50,000	-	1,00,00,000
2	DUTY TRAVEL TO SITE						
2	Local Air Travel						
a	Professional Staff	Return Trip	INR	50	20,000	-	10,00,000
Total							1,10,00,000

NJS Engineers India (NJSEI)

REMUNERATIONS

Sl. No.	Name	Position	Man Months	Rate (Per Month)		Amount	
				USD	INR	USD	INR
	KEY INTERNATIONAL						
1	Dr.Ghulam Mustafa	Desalination Expert	32	26,225	-	839,200	-
2	Tharloak S.Bhatt	Contract Specialist (Distribution)	8	22,700	-	181,600	-
	NON-KEY INTERNATIONAL						
1	Madhawa Delpachitra	Mechanical Engineer (Distribution)	4	22,700	-	90,800	-
2	Manfred Kurt (Meisner)	Electrical Engineer (Distribution)	4	23,500	-	94,000	-
	NATIONAL STAFF						
1	Chandra Shekhar Reddy Yedla	Pipeline Engineer - 1	60	-	4,30,000	-	2,58,00,000
2	V.Tulasi Ram	Pipeline Engineer - 2	60	-	4,30,000	-	2,58,00,000
3	P.M.Saravanan	Hydraulic Modeller - 1	8	-	4,30,000	-	34,40,000
4	V.Nandhini	Hydraulic Modeller - 2	8	-	4,30,000	-	34,40,000
5	Dr.M.Rajshekar Reddy	Social Communication Specialist	72	-	5,00,000	-	3,60,00,000
	SUPPORT STAFF						
1	G.Murali	CAD Operator-1	30	-	1,00,000	-	30,00,000
2	TBN	CAD Operator-2	30	-	1,00,000	-	30,00,000
3	TBN	CAD Operator-3	30	-	1,00,000	-	30,00,000
4	TBN	GIS Operator	18	-	2,50,000	-	45,00,000
5	TBN	Site Inspector-1	50	-	1,35,000	-	67,50,000
6	TBN	Site Inspector-2	50	-	1,35,000	-	67,50,000
7	TBN	Site Inspector-3	50	-	1,35,000	-	67,50,000
8	TBN	Site Inspector-4	50	-	1,35,000	-	67,50,000
9	TBN	MIS Specialist	50	-	2,60,000	-	1,30,00,000
		Total				1,205,600	14,79,80,000

REIMBURSABLES

S. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	Amount- INR
1	TRANSPORTATION						
	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	Vehicle Month	INR	84	50,000	-	42,00,000
2	DUTY TRAVEL TO SITE						
1	International Air Travel						
	Professional Staff	Return Trip	USD	10	3,000	30,000	-
2	Local Air Travel						
	Sub-Professional Staff	Return Trip	INR	20	10,000	-	2,00,000
6	PER-DIEM ALLOWANCE						
a	International	Days	INR	1440	5,000	-	72,00,000
		Total				30,000	1,16,00,000

SMEC India Pvt Ltd (SMEC India)
REMUNERATIONS

Sl. No.	Name	Position	Man Months	Rate (Per Month)		Amount	
				USD	INR	USD	INR
	NON-KEY INTERNATIONAL						
1	Dr.D.Elancherian	Civil and Structure Engineer (Desal)	42	10,895	-	457,590	-
2	Ashish Gosain	Monitoring and Control Expert (Distribution)	12	7,704	-	92,448	-
3	J.Shanmuganathan	Specification Specialist (Desal)	4	7,264	-	29,056	-
4	Hemant Chadha	Financial Expert	3	12,106	-	36,318	-
5	P.Santhosh Kumar	Commissioning Engineer	10	10,015	-	100,150	-
6	Rajesh Mishra	Social Communication Specialist	16	9,630	-	154,080	-
	NATIONAL STAFF						
1	Ramesh Senthil	Civil Engineer	72	-	4,35,750	-	3,13,74,000
2	Naisa Srinivasulu Reddy	Construction Planner / Cost Estimator	4	-	3,00,000	-	12,00,000
3	K.C. Vinod Chandra	Quantity Surveyor - 1	50	-	3,00,000	-	1,50,00,000
	SUPPORT STAFF						
1	TBN	Secretary	70	-	52,290	-	36,60,300
2	Santosh Biswa	Contract Management Specialist	6	-	4,35,750	-	26,14,500
3	TBN	Geo-technical Engineer	6	-	4,35,750	-	26,14,500
4	A.Renukumar	Office Manager & Travel & Visa processing officer	70	-	1,04,580	-	73,20,600
5	K.Manikandan	Accountant	70	-	69,720	-	48,80,400
6	TBN	Office boy-1	70	-	26,145	-	18,30,150
7	TBN	Office boy-2	70	-	26,145	-	18,30,150
		Total				869,642	7,23,24,600

REIMBURSABLES

Sl. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	Amount- INR
1	TRANSPORTATION (REIMBURSABLE)						
	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	Vehicle Month	INR	170	50,000	-	85,00,000
2	DUTY TRAVEL TO SITE						
2	Local Air Travel						
a	Professional Staff	Return Trip	INR	10	20,000	-	2,00,000
b	Sub-Professional Staff	Return Trip	INR	80	10,000	-	8,00,000
3	OFFICE RENT						
	The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc.	Month	INR	77	1,00,000	-	77,00,000
4	OFFICE SUPPLIES, UTILITIES & COMMUNICATION						
1	Office Supplies	No.	INR	77	10,000	-	7,70,000
2	Drafting Supplies	No.	INR	77	6,000	-	4,62,000
3	Computer Running Costs	No.	INR	77	5,000	-	3,85,000
4	Domestic Communication	No.	INR	77	15,000	-	11,55,000
5	OFFICE FURNITURE & EQUIPMENT						
A	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 - Fixed	No.	INR	LS	-	-	10,00,000
B	Office Equipment (Purchase)						
1	Multipurpose Copy Machine	No.	INR	1	2,00,000		2,00,000
1a	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

Sl. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	Amount- INR
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 - Fixed	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 - Fixed	No.	INR	LS	-		30,00,000
6	PER-DIEM ALLOWANCE						
a	International	Days	INR	810	5,000	-	40,50,000
b	National	Days	INR	50	5,000	-	2,50,000
7	REPORTS & DOCUMENT PRINTING						
a	Monthly Progress Reports	No.	INR	154	6,000	-	9,24,000
b	Design Reports	No.	INR	50	10,000	-	5,00,000
8	SURVEYS & INVESTIGATIONS						
1	Bathymetric Survey	No.	INR	1	8,00,000	-	8,00,000
2	Geo-Technical Survey	No.	INR	50	15,000	-	7,50,000
3	Water Sample Testing	No.	INR	10	45,000	-	4,50,000
4	Topographical Survey	No.	INR	600	5,000	-	30,00,000
	Total						3,86,96,000

SUMMARY OF THE ABOVE FEE BREAKDOWN

Participant	Remuneration		Reimbursables		Total	
	USD	INR	USD	INR	USD	INR
SMEC	6,390,243	-	120,000	-	6,510,243	-
TCE	324,480	24,75,00,000	-	1,10,00,000	324,480	25,85,00,000
NJSEI	1,205,600	14,79,80,000	30,000	1,16,00,000	1,235,600	15,95,80,000
SMEC India	869,642	7,23,24,600	-	3,86,96,000	869,642	11,10,20,600
Total					8,939,965	52,91,00,600

Note: Above breakup covers remuneration and reimbursable and does not include registration fee, contingencies and provisional sums.