PMC for 400 MLD SWRO Desalination Plant at Perur. Chennai

Consortium Partners



SMEC (India) Pvt. Ltd. (CIN: U93000DL1997PTC088574)



Ref: SMEC/ CMWSSB / 5061185/077

To,
Superintending Engineer (Desalination),

6th Floor, Chennai Metropolitan Water Supply & Sewerage Board No.1 Pumping Station Road, Chintdaripet, Chennai 600 002 Date: 08th June 2020



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:

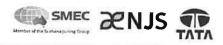
S.No.	Name of the Participant	Role of the Member	Ceiling Amount	of each Firm
0.110.	Name of the Participant	Role of the Wellber	USD	INR
1	SMEC	Lead Member	6,510,243	Nil
2	TCE	Consortium Member	324,480	25,85,00,000
3	NJSEI	Consortium Member	1,235,600	15,95,80,000
4	SMEC India	Consortium Member	869,642	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:

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)

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

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

No.	Name	Position	Man	Rate (Per Month)	Month)	Amount	nt
			Months	OSD	INR	OSD	INR
	NET INTERNATIONAL						
	Dr. Pararajasegram Dharmabalan	Project Manager	70	37,501	i e	2 625 000	(0
	Shane Farquharson	Water Supply Engineer	23	25,360	i	583 280	ì
	Michel Morillon	Mechanical Engineer (Desal)	15	44,000		660,000	
	Sergio de Bastos Vilar Magalhaes Paulo	Electrical Engineer (Desal)	25	13,132	3 10	328,300	. .
	John Goullee	Pipeline Engineer	70	22.602	i	1 582 140	
	Roderick Mackenzie	Contract Specialist (Desal)	o	44,407		399 663	
	Manikandan Ganesh Shoranur	Monitoring and Control Expert (Desal)	1	19,260) Y	211.860	. Ja
		Total				010000	

SI. No.	Item	Unit	Currency	Quantity	Rafe	Amount, Hen	
2	2 DUTY TRAVEL TO SITE			G		Con Junouite	Allionnii- INK
_	International Air Travel						
	Professional Staff						
	i olessional otali	Return Inp	OSD	40	3,000	120.000	30
		Total				120 000	

Tata Consulting Engineers (TCE)

REMUNERATIONS

NON-KEY INTERNATIONAL Months USD INR USD Manish Chintamani Sane Specification Specialist (Distribution) 3 11,560 - 34,680 Dr.Alok Kumar Environmental Specialist 15 12,750 - 191,250 Hyacinth Adgusto Vaz Organisational Expert 9 10,950 - 98,550 S.Siddappaswamy Senior Civil Engineer 40 - 5,00,000 - S.Siddappaswamy Mechanical Engineer 45 - 5,00,000 - S.V.K Mohan Electrical Engineer 45 - 5,00,000 - M.K.Umad Architect 12 - 5,00,000 - M.K.Uman Architect 16 - 5,00,000 - M.K.Uman Senior Pipeline Engineer (Key - Local) 72 - 5,00,000 - N.Senthil Building Mechanical Engineer (Key - Local) 72 - 5,00,000 - N.Senthil Benior Pipeline Engineer (Key - Local) 72 -		Name	Position	Man	Rate (Per Month)	Month)	4	Amount
Mon-KEY INTERNATIONAL Specification Specialist (Distribution) 3 11,560 - 34,680 Dr.Alok Kumar Environmental Specialist 15 12,750 - 191,250 NSTIGONAL STAFF Corganisational Expert 9 10,950 - 98,550 NSTIGONAL STAFF Senior Civil Engineer (Key-Local) 72 - 8,00,000 - Strideappaswamy Senior Civil Engineer (Key-Local) 72 - 8,00,000 - G.V.K Mohan Bulchinear Engineer 40 - 5,00,000 - G.V.K Mohan Structural Engineer 28 - 6,26,000 - M.K.Vinod M.K.Vinod Architect Architect 2,40,000 - M.S. Santhil Bullding Mechanical and Electrical Engineer 12 - 4,75,000 S. Santhil Sentior Pipeline Engineer (Key - Local) 50 - 5,50,000 S. Hema Kumar Pipeline Engineer (Key - Local) 50 - 5,40,000 S. M.Karthikaeswaran Environmental Specialist	-3			Months	OSD	INR	OSD	INR
Manish Chintamani Sane Specification Specialist (Distribution) 3 11,560 - 34,680 Dr.Alok Kumar Environmental Specialist 15 12,750 - 191,250 Hyacinth Augusto Vaz Organisational Expert 9 10,950 - 98,550 National State Scholor Civil Engineer 40 - 6,00,000 - G.V.K Mohan Electrical Engineer 28 - 5,00,000 - G.V.K Mohan Structural Engineer 28 - 6,00,000 - M.K.Vinod Architect 12 - 4,75,000 - M.K.Senthil Building Mechanical and Electrical Engineer 16 - 5,50,000 - Nagesh Chinnam Prema Kumar Architect 16 - 5,50,000 - Siriivasula Reddy Specification Specialist 4 - 5,00,000 - Siriivasula Reddy Specification Specialist 4 - 5,00,000 - Siriivasula Reddy Safety and H		NON-KEY INTERNATIONAL						
Dr. Alok Kumar Environmental Specialist 15 12,750 - 07,000 NATIONAL STAFF Corganisational Expert 9 10,950 - 191,250 NATIONAL STAFF Senior Civil Engineer Senior Civil Engineer 40 - 98,550 S. Siddappaswamy Senior Civil Engineer 40 - 5,00,000 - S. Viralii Debnath Mechanical Engineer 40 - 5,00,000 - G.V.K Mohan Electrical Engineer 45 - 5,00,000 - M.K.Vinod Structural Engineer 45 - 5,00,000 - M.K.Jinod Senior Pipeline Engineer 72 - 4,75,000 - M. Kumar Architect 72 - 6,00,000 - M. Kumar Building Mechanical and Electrical Engineer 72 - 4,75,000 - S. Hema Kumar Senior Pipeline Engineer 30 - 2,40,000 - S.M. Karthilkaeswaran Environmental Specialist 30		Manish Chintamani Sane	Specification Specialist (Distribution)	m	11 560	,	34 680	
Hyacinth Augusto Vaz Organisational Expert 9 10,950 10,500<		Dr.Alok Kumar	Environmental Specialist	, L	12 750	Ř. 24	04,000	,
NATIONAL STAFF So, 100		Hyacinth Augusto Vaz	Organisational Expert	0	10.950	•	062,181	r.
S. Siddappaswamy Senior Civil Engineer (Key-Local) 72 8,00,000 - Surajit Debnath Mechanical Engineer 40 - 5,00,000 - G.V.K Mohan Electrical Engineer 45 - 5,00,000 - M.K.Vinod Architect 28 - 6,25,000 - M.K.Winod Architect 28 - 6,25,000 - M.K.Senthil Building Mechanical and Electrical Engineer 12 - 4,75,000 - Nagesh Chinnam Senior Pipeline Engineer (Key - Local) 72 - 6,00,000 - S.Hema Kumar Specification Specialist 4 - 5,00,000 - S.Hema Kumar Specification Specialist 4 - 5,00,000 - S.M.Karthikaeswaran Environmental Specialist 30 - 5,00,000 - S.M.Karthikaeswaran Environmental Specialist 30 - 2,40,000 - N.S.Rajshekar Quantitty Surveyor - 2 70 -		NATIONAL STAFF			000.0		000,08	д.
Surajit Debnath Mechanical Engineer 40 - 0,00,000 - 6,00,000 - 6,00,000 - 6,00,000 - 6,00,000 - 5,00,000 - 5,00,000 - 6,25,000 - 6,25,000 - - 6,00,000 - - 5,00,000 -		S.Siddappaswamy	Senior Civil Engineer (Key -I ocal)	72		0000		1
Electrical Engineer		Surajit Debnath	Mechanical Engineer	40		0,00,000		5,76,00,00(
Structural Engineer 28 - 9,00,000 - 2,00,000 - 2,00,000 - 2,00,000 - 1,00,000 - 2,00,000 - 4,75,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 - 1,75,00,000 <td></td> <td>G.V.K Mohan</td> <td>Electrical Engineer</td> <td>45</td> <td></td> <td>000,000</td> <td>·</td> <td>2,00,00,00</td>		G.V.K Mohan	Electrical Engineer	45		000,000	·	2,00,00,00
Architect Architect Building Mechanical and Electrical Engineer 16 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 4,75,000 - 7,70 - 6,00,000 - 4,75,000 - 7,70 - 6,00,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 1,70 - 7,000 - 7,70 - 7,000 - 1,70 - 7,000 - 7,000 - 7,0		M.K.Vinod	Strictural Engineer	2 6	17	000,00,0		2,25,00,000
Architect 12 - 4,75,000 - am Senior Pipeline Engineer (Key - Local) 72 - 5,50,000 - ir Pipeline Engineer - 3 50 - 6,00,000 - 4,75,000 swaran Specification Specialist 4 - 5,00,000 - 1, swaran Environmental Specialist 30 - 5,00,000 - 1, atte Abdulkareem Safety and Health Expert - 1 40 - 2,40,000 - 1, Quantity Surveyor - 2 70 - 2,40,000 - 1, Total Total - - 2,40,000 - 1,		MKimor	A Fit-	87	**)	6,25,000	•	1,75,00,000
am Building Mechanical and Electrical Engineer 16 - 5,50,000 - 4, Senior Pipeline Engineer - 3 50 - 6,00,000 - 4, ddy Specification Specialist 4 - 5,00,000 - 1, swaran Environmental Specialist 30 - 5,00,000 - 1, atte Abdulkareem Safety and Health Expert - 1 40 - 2,40,000 - 1, Auantity Surveyor - 2 70 - 2,40,000 - 1, Total Total - 2,40,000 - 1,		W. Nullai	Architect	12	*	4.75.000		57 00 000
am Senior Pipeline Engineer (Key - Local) 72 - 6,00,000 - 4,000 - 4,000 - 4,000 - 1,00,000 -		K.Senthil	Building Mechanical and Electrical Engineer	16		5 50 000		00 00 88
Inferior Pipeline Engineer - 3 50 - 0,00,000 - ddy Specification Specialist 4 - 5,00,000 - swaran Environmental Specialist 30 - 5,00,000 - atte Abdulkareem Safety and Health Expert - 1 40 - 2,40,000 - n Quantity Surveyor - 2 70 - 2,40,000 - Total Total - 2,40,000 -		Nagesh Chinnam		7.2	,	000,000		00,00,00
ddy Specification Specialist 4 - 2,40,000 - 1,000 -		S.Hema Kumar		1 05	(i	0,00,000	E	4,32,00,000
Swaran Environmental Specialist 4 - 5,00,000 - 1, swaran Environmental Specialist 30 - 5,00,000 - 1, atte Abdulkareem Safety and Health Expert - 2 70 - 2,40,000 - 1, Auantity Surveyor - 2 70 - 2,40,000 - 1, Total Total -		Srinivasula Reddy	Specification Specialist	3 -		2,40,000	r.	1,20,00,00,00
atte Abdulkareem Safety and Health Expert - 1 Safety and Health Expert - 2 Quantity Surveyor - 2 Total		C M Korthiboowaran	December of the second of the	4	•	5,00,000	Ĭ.	20,00,000
atte Abdulkareem Safety and Health Expert - 1 Safety and Health Expert - 2 Quantity Surveyor - 2 Total		O.W. Nai Ulinaeswai ali	Environmental Specialist	30	A .	5,00,000		1 50 00 00
A Safety and Health Expert - 2 70 - 2,40,000 - 1, Quantity Surveyor - 2 70 - 2,40,000 - 1, Total		Najas I hattakatte Abdulkareem	Safety and Health Expert - 1	40)	2 40 000	,	00,00,00
Quantity Surveyor - 2 70 - 2,40,000 - 2,40,0	П	Prasanth Balan	1	70		2,10,000		30,00,00
000,04,0		V.S.Rajshekar	Quantity Surveyor - 2	70	1	2,40,000		1,60,00,000
			Total			000,01,1	707 700	1,00,00,000

F	Item	Unit	Currency	Currency Quantity		Rate Amount- USD Amount IND	Amount, IND
-	TRANSPORTATION						
<u></u> = 2	The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, includes one	Vehicle	IN R	200	50.000		1 00 00 000
2 D	DUTY TRAVEL TO SITE						50.50.5
2 Lc	Local Air Travel						
а	Professional Staff	Return Trip	NR.	50	20.000	1	10 00 000
		Total					1.10.00.000

NJS Engineers India (NJSEI)

REMUNERATIONS

KEY INTERNATIONAL Des. 1 Dr. Ghulam Mustafa Des. 2 Tharloak S.Bhatt Con 4 NON-KEY INTERNATIONAL Mec 2 Manfred Kurt (Meisner) Elec 3 Manfred Kurt (Meisner) Elec 4 Vadla Pipe 3 V.Tulasi Ram Hydr 4 V.Nandhini Hydr 5 Dr.M.Rajshekar Reddy Soci 8 TBN CAD 3 TBN CAD 4 V.Nandhini CAD 2 Dr.M.Rajshekar Reddy Soci SUPPORT STAFF CAD 3 TBN CAD 4 TBN GIS 5 TBN CAD 5 TBN Site 6 TBN Site 7 TBN Site 8 TBN Site 9 TBN MIS	Position	Man	Rate (Per Month)	Month)	Amount	unt
HEY INTERNATIONAL Dr. Ghulam Mustafa Tharloak S.Bhatt NON-KEY INTERNATIONAL Madhawa Delpachitra Manfred Kurt (Meisner) Chandra Shekhar Reddy Yedla V. Nulasi Ram P. M. Saravanan V. Nandhini Dr. M. Rajshekar Reddy SuPPORT STAFF G. Murali TBN		Months	OSD	INR	USD	N N
Dr.Ghulam Mustafa Tharloak S.Bhatt NON-KEY INTERNATIONAL Madhawa Delpachitra Madhawa Delpachitra Manfred Kurt (Meisner) NATIONAL STAFF Chandra Shekhar Reddy Yedla V.Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN						
Machawa Delpachitra Madhawa Delpachitra Manfred Kurt (Meisner) Marional Shekhar Reddy Yedla V.Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy Support STAFF G.Murali TBN	Desalination Expert	32	26.225		830 200	
Machawa Delpachitra Manfred Kurt (Meisner) Marical Kurt (Meisner) Marical Kurt (Meisner) Chandra Shekhar Reddy Yedla V.Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Contract Specialist (Distribution)	000	22,700		184 800	
Madhawa Delpachitra Manfred Kurt (Meisner) NATIONAL STAFF Chandra Shekhar Reddy Yedla V.Tulasi Ram V.Nandhini Dr.M.Rajshekar Reddy Support STAFF G.Murali TBN					000,101	
Manfred Kurt (Meisner) NATIONAL STAFF Chandra Shekhar Reddy Yedla V.Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Mechanical Engineer (Distribution)	4	22.700	į	008.00	1 20 01
Chandra Shekhar Reddy Yedla V.Tulasi Ram V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Electrical Engineer (Distribution)	4	23,500		94,000	95) 39
Chandra Shekhar Reddy Yedla V. Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN					000	(A. S.
V.Tulasi Ram P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Pipeline Engineer - 1	09	r	4,30,000	31	2,58,00,000
P.M.Saravanan V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Pipeline Engineer - 2	09		4 30 000	91	000 00 83 0
V.Nandhini Dr.M.Rajshekar Reddy SUPPORT STAFF G.Murali TBN	Hydraulic Modeller - 1	ω	t	4 30 000	14	34 40 000
SUPPORT STAFF SUPPORT STAFF G.Murali TBN	Hydraulic Modeller - 2	ω		4 30 000	- 1	34,40,000
G.Murali TBN TBN TBN TBN TBN TBN TBN TBN TBN	Social Communication Specialist	72	10	5.00.000		3 60 00 000
G.Murali TBN TBN TBN TBN TBN TBN						000,00,00,0
TBN TBN TBN TBN TBN TBN TBN TBN TBN	CAD Operator-1	30		1 00 000	in the second	000 00 08
TBN TBN TBN TBN TBN TBN	CAD Operator-2	30	1	1 00 000		30,00,000
TBN TBN TBN TBN TBN	CAD Operator-3	30	ď	1,00,000		30,00,000
TBN TBN TBN TBN	GIS Operator	18		2,50,000	1	45.00.000
TBN TBN TBN	Site Inspector-1	50	1"	1,35,000		67 50 000
TBN TBN TBN	Site Inspector-2	20	i	1,35,000		67,50,000
TBN TBN	Site Inspector-3	20	ï	1,35,000	0	67.50.000
TBN	Site Inspector-4	90	1	1,35,000	i)	67,50,000
	MIS Specialist	20	19	2,60,000	j.	1,30,00,000
Tota	Total				1,205,600	14.79.80.000

TRANSPORTATION Unit Currency Quantity Rate Amount- USD Amount- US	-							
iON ION 84 50,000 - vided by the Consultants shall include e, etc. Vehicle Month INR 84 50,000 - F of SITE FO SITE INS 10 3,000 30,000 - **Travel **Travel **Return Trip INR 20 10,000 - - Staff **Days INR 1440 5,000 - - **Days **Total **Total **30,000 - -	S. No.	Item	Unit	Currency	Quantity	Rate	Amount- USD	
vided by the Consultants shall include by the Consultants shall include by the Consultants shall include b, drivers, operation, maintenance, e, etc. Vehicle Month of the consultant shall include be, etc. INR 84 50,000 - To SITE Travel 10 3,000 30,000 - - **Travel **Travel 10 3,000 30,000 - - Staff PowANCE INR 1440 5,000 - - **Days INR 1440 5,000 - - **Total **Total **Total **Total **Total		TRANSPORTATION						
TO SITE FO SITE <t< td=""><td></td><td>The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.</td><td>Vehicle Month</td><td>INR</td><td>84</td><td>50,000</td><td>Ű</td><td>42,00,000</td></t<>		The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc.	Vehicle Month	INR	84	50,000	Ű	42,00,000
Travel Return Trip USD 10 3,000 30,000 Staff Staff 20 10,000 - 7 WANCE Days INR 1440 5,000 - 7 Total Total 30,000 - 7		DUTY TRAVEL TO SITE						
F Return Trip USD 10 3,000 30,000 Staff Return Trip INR 20 10,000 - WANCE Days INR 1440 5,000 - 7 Total Total 30,000 - 1.1		International Air Travel						
Staff Return Trip INR 20 10,000 - 7 WANCE Days INR 1440 5,000 - 7 Total 30,000 1.1		Professional Staff	Return Trip	OSD	10	3 000	30,000	
Return Trip INR 20 10,000 -		Local Air Travel						•
Days INR 1440 5,000 - 7 Total 30,000 1.1		Sub-Professional Staff	Return Trip	INR.	20	10 000	(0	000 00 6
Days INR 1440 5,000 - 1. Total 30,000 1.		PER-DIEM ALLOWANCE				2	th)	2,00,000
30,000		International	Days	N R	1440	5,000	s Č	72.00.000
			Total				30,000	1.16.00.000

SMEC India Pvt Ltd (SMEC India)

REMUNERATIONS

Non-KEV INTERNATIONAL Month USD INR 4 Location 4 Accountant 4 Accountant 4 Accountant 4 Accountant 4 Accountant 4 Accountant Accountant	<u>n</u>	Name	Position	Man	Rate	Rate (Per Month)	A	Amount
NON-KEY INTERNATIONAL Civil and Structure Engineer (Desal) 42 10,895 - 4 Ashish Gosain Monitoring and Control Expert (Distribution) 12 7,704 - 4 7,264 - 1 J.Shammuganathan Specification Specialist (Desal) 4 7,264 - 1 1 1 1,264 - 1	Z.		The state of the s	Months	OSD	INR	OSD	N. N.
Dr.D.Elancherian Civil and Structure Engineer (Desal) 42 10,895 - 4 Ashish Gosain Monitoring and Control Expert (Distribution) 12 7,704 - - J.Shammuganathan Specification Specialist (Desal) 4 7,264 - 1 Hemant Chadha Financial Expert 3 12,106 - 1 Rajesh Mishra Commissioning Engineer 10 1 10,015 - 1 Rajesh Mishra Social Communication Specialist 16 9,630 - 1 NATIONAL STAFF Social Communication Specialist 72 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 4,35,750 TBN Secretary Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 TBN Accountant 70 - 1,04,580		NON-KEY INTERNATIONAL						
Ashish Gosain Monitoring and Control Expert (Distribution) 12 7,704 - J.Shammuganathan Specification Specialist (Desal) 4 7,264 - Hemant Chadha Financial Expert 3 12,106 - 1 P.Santhosh Kumar Commissioning Engineer 10 10,015 - 1 Rajesh Mishra Social Communication Specialist 16 9,630 - 1 NATIONAL STAFF Covil Engineer 72 - 4,35,750 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 4,35,750 TBN Secretary Contract Management Specialist 6 - 4,35,760 TBN Geo-technical Engineer 6 - 4,35,760 TBN Office Manager & Travel & Visa processing 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN	-	Dr.D.Elancherian		42	10.895		457 590	(d
J.Shanmuganathan Specification Specialist (Desal) 4 7,264 - Hemant Chadha Financial Expert 3 12,106 - 1 P.Santhosh Kumar Commissioning Engineer 10 10,015 - 1 Rajesh Mishra Social Communication Specialist 16 9,630 - 4,35,750 NATIONAL STAFF Civil Engineer 72 - 4,35,750 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 - 52,290 - 3,00,000 - 52,290 - 4,35,760 - 1,04,580 - 4,35,760 - 1,04,580 - - 4,35,760 - - 1,04,580 - - 1,04,580 - - - 1,04,580 - - 1,04,580 - - 26,145 - - 26,145 -	7	Ashish Gosain	Monitoring and Control Expert (Distribution)	12	7.704	Y	92 448	34
Hemant Chadha Financial Expert 3 12,106 - 1 P.Santhosh Kumar Commissioning Engineer 10 10,015 - 1 Rajesh Mishra Social Communication Specialist 16 9,630 - 1 NATIONAL STAFF Civil Engineer 72 - 4,35,760 - 4,35,760 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 4,35,760 - TBN Secretary Contract Management Specialist 6 - 4,35,760 TBN Geo-technical Engineer 6 - 4,35,760 A.Renukumar Office Manager & Travel & Visa processing 70 - 69,720 TBN Accountant 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN Total - 20 -	က	J.Shanmuganathan	Specification Specialist (Desal)	4	7.264	ď	20,170	n a
P. Santhosh Kumar Commissioning Engineer 10 10,015 - 1 Rajesh Mishra Social Communication Specialist 16 9,630 - 1 NATIONAL STAFF Social Communication Specialist 72 - 4,35,750 - 1 Ramesh Senthil Civil Engineer A. S. Minivasulu Reddy Construction Planner / Cost Estimator 4 - 4,35,750 - 4,35,750 - 20,000 - 20,000 - 20,000 - 20,000 - 20,000 - 20,200 - 3,00,000 - 52,290 - 3,00,000 - 52,290 - 4,35,750 - - 4,35,750 - - 4,35,750 - - 4,35,750 -	4	Hemant Chadha	1	8	12,106	×	36.318	00 8
Rajesh Mishra Social Communication Specialist 16 9,630 - NATIONAL STAFF Ramesh Senthil Civil Engineer 72 - 4,35,750 Ramesh Senthil Civil Engineer 72 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 Support STAFF Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 TBN Office Manager & Travel & Visa processing 70 - 1,04,580 K.Manikandan Accountant Accountant 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN Total 70 - 26,145	2	P.Santhosh Kumar	Commissioning Engineer	10	10,015	1	100,150	.00
NATIONAL STAFF Civil Engineer 72 4,35,750 Ramesh Senthil Civil Engineer 4 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 Support STAFF Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 TBN A.Renukumar Office Manager & Travel & Visa processing 70 - 69,720 TBN Accountant Accountant 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN TBN - 26,145	9	Rajesh Mishra	Social Communication Specialist	16	9,630	*	154.080	E ICan
Ramesh Senthil Civil Engineer 72 - 4,35,750 Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 F.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 TBN Secretary 70 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing 70 - 69,720 TBN Accountant Accountant 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN TBN - 26,145	-1	NATIONAL STAFF						
Naisa Srinivasulu Reddy Construction Planner / Cost Estimator 4 - 3,00,000 K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 SuPPORT STAFF Contract Amangement Specialist 6 - 4,35,750 TBN Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing 70 - 1,04,580 K.Manikandan Accountant 70 - 26,145 TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145	_	Ramesh Senthil	Civil Engineer	72	ı	4.35.750	NI.	3 13 74 000
K.C. Vinod Chandra Quantity Surveyor - 1 50 - 3,00,000 SubPort STAFF Secretary A;0,000 - 3,00,000 TBN Secretary 70 - 52,290 Santosh Biswa Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing 70 - 1,04,580 K.Manikandan Accountant Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Total - 26,145	7	Naisa Srinivasulu Reddy	Construction Planner / Cost Estimator	4	i	3.00.000		12 00 000
SupPoRT STAFF Secretary Contract Management Specialist 70 - 52,290 Santosh Biswa Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing 70 - 1,04,580 K.Manikandan Accountant Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Total 70 - 26,145	က	K.C. Vinod Chandra	Quantity Surveyor - 1	50		3 00 000		1 50 00 000
TBN Secretary 70 - 52,290 Santosh Biswa Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing 70 - 1,04,580 K.Manikandan Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145		SUPPORT STAFF						00,00,00
Santosh Biswa Contract Management Specialist 6 - 4,35,750 TBN Geo-technical Engineer 6 - 4,35,750 A.Renukumar Office Manager & Travel & Visa processing officer 70 - 1,04,580 K.Manikandan Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145 TBN Total - 26,145	-	TBN	Secretary	70	,	52 290		36 60 300
TBN Geo-technical Engineer 6 - 1,04,580 A.Renukumar Office Manager & Travel & Visa processing officer 70 - 1,04,580 K.Manikandan Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145 TBN Total - 26,145	2	Santosh Biswa	Contract Management Specialist	9	,	4 35 750	2	26.14.500
A.Renukumar Office Manager & Travel & Visa processing officer 70 1,04,580 K.Manikandan Accountant 70 69,720 TBN Office boy-1 70 26,145 TBN Office boy-2 70 26,145 TABN Total 70 26,145	က	TBN	Geo-technical Engineer	9		4 35 750		26,14,300
K.Manikandan Accountant 70 - 69,720 TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145 TBN Total - 26,145	4	A.Renukumar	Manager & T	70	41	1,04,580	(4)	73,20,600
TBN Office boy-1 70 - 26,145 TBN Office boy-2 70 - 26,145 Total - 26,145	2	K.Manikandan	Accountant	70	3	69.720		48 80 400
TBN Office boy-2 70 26,145 Total Total 1 26,145	9	TBN	Office boy-1	70	а	26,145		18.30,150
	_	TBN	Office boy-2	70	ä	26,145	i	18,30,150
			Total				869.642	7.23.24.600

Month Tip					
TRANSPORTATION (REIMBURSABLE) The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. DUTY TRAVEL TO SITE Local Air Travel Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers		17			VIIII - IIIIO
The vehicles provided by the Consultants shall include the cost for rental, drivers, operation, maintenance, repairs, insurance, etc. DUTY TRAVEL TO SITE Local Air Travel Professional Staff Sub-Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
DUTY TRAVEL TO SITE Local Air Travel Professional Staff Sub-Professional Staff Sub-Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT OFFICE FURNITURE & EQUIPMENT OFFICE FURNITURE & Chairs Conference Hall Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine AO,A1,A2 Plotter Laser Printers	icle Month INR	170	50,000	ï	85,00,000
Local Air Travel Professional Staff Sub-Professional Staff Sub-Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
Professional Staff Sub-Professional Staff Sub-Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
Sub-Professional Staff OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	ırn Trip INR	10	20,000	1	2 00 000
OFFICE RENT The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers		80	10.000		8 00 000
The Rent Cost Includes Maintenance, Cleaning, Repairs, Electricity etc. OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					00000
OFFICE SUPPLIES, UTILITIES & COMMUNICATION Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	th	77	1,00,000		77,00,000
Office Supplies Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
Drafting Supplies Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	No.	77	10,000	3	7.70.000
Computer Running Costs Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	No.	77	6,000	ï	4,62,000
Domestic Communication OFFICE FURNITURE & EQUIPMENT Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	No.	77	5,000	2	3.85,000
Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	No	77	15,000	r	11.55.000
Office Furniture (Purchase) Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
Work Station Table & Chairs Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
Conference Hall Table & Chairs Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers	No.	rs).		5 00 000
Office Interiors - Fixed Office Equipment (Purchase) Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers		<u>v</u>		5.1	250,000
Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers		SI	,	ı J	10 00 000
Multipurpose Copy Machine A0,A1,A2 Plotter Laser Printers					
A0,A1,A2 Plotter Laser Printers	No	-	2,00,000		2.00.000
Laser Printers	No.	-	5,00,000		5,00,000
	No.	-	1,00,000		1,00,000
3 Desktops/Laptops No.	No.	15	000'09		000.00

-			(JIIIII)	Outsutity	Doto	A	The same of the sa
No.			callelley	-dualinity	Nale	Amount- USD	Amount- INR
4	Refrigerator, Coffee Vending Machine, Oven etc.	Š	INR	<u>o</u>			4
2	Office Attendance Biometric Systems	S		2 -			1,00,000
ဖ	Office Server - Fixed			2 2			1,00,000
7	Droiodo	0.0	Y N	ĽS	1		10,00,000
- c	March 1	No	N N	2	25,000		50,000
o	Video Conference with Display TVs	Š	INR	-	3.00.000		3,00,000
တ	Softwares - Fixed	Š	N. N.	<u>o</u>	1		000,00,0
ဖ	PER-DIEM ALLOWANCE			2			20,00,000
a	International	Davs	a N	ω10	000		1
۵	National			2	0,00		40,50,000
		Days	Y	20	5,000		2,50,000
	REPORTS & DOCUMENT PRINTING						
a	Monthly Progress Reports	No.	N. N.	154	6,000		000 100
۵	Design Reports	QN.		5 2	2005	r	9,24,000
α	SHRVEYS & INVESTIGATIONS	20.	YNI	20	10,000	ŕ	2,00,000
_	Bathymetric Survey	No.	N.	-	8.00.000		000 00 8
2	Geo-Technical Survey	NO.	N N	20	15,000		0,00,000
က	Water Sample Testing	Š	N. N.	,	45,000	K.	7,50,000
4	Topographical Survey	Z	QN	2 0	000,01	,	4,50,000
			VIII	3	nnn'c	ı.	30,00,000
		Total					3.86.96.000

SUMMARY OF THE ABOVE FEE BREAKDOWN

Participant	Remun	Remuneration	Reimbursables	sables	Total	tal
all ballon in a	OSD	INR	OSD	INR	OSD	INR
SMEC	6,390,243	ı	120,000		6.510.243	
TCE	324,480	324,480 24,75,00,000		1.10.00.000	324 480	324 480 25 85 00 000
NJSEI	1,205,600	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	1	3.86.96.000	869 642	869 642 11 10 20 600
Total					8.939.965	8.939.965 52.91.00.600

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