

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 / 5061185/375

Date: 14th July 2021

To,

The Superintending Engineer (Desalination)

Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building,
2nd floor, No.75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai- 600 028
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 June 2021 for SMEC International Pty Ltd in Foreign 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 invoice for June 2021 for SMEC International Pty Ltd in Foreign Currency**. The details of invoice for **June 2021** for SMEC International Pty Ltd. in Foreign Currency is furnished below:

Sl. No.	Description	Invoice No. & Date	Currency
1	Invoice for June 2021 for SMEC International Pty Ltd in Foreign Currency	5061185/21-22/05 & 09.07.2021	USD 41,103.13

We request you to kindly consider the 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 Pvt. Ltd.-NJS Engineers India Ltd.-SMEC (India) Pvt. Ltd.**

Authorised Signatory



S.Srinivasarao

Authorised Signatory

SMEC International Pty Ltd

Encl.: Invoice for June 2021 for SMEC International Pty Ltd in Foreign Currency (2 copies)

PMC Chennai Office Address:

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

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

SMEC INTERNATIONAL PTY LTD

CHECKLIST FOR FOREIGN CURRENCY MONTH OF JUNE 2021

Sl. No.	Description	Enclosed Status
1	Letter for Submission of Invoice	Yes
2	Checklist / Index	Yes
3	Invoice for Bill month of June 2021	Yes
4	Claim for Payment	Yes
5	Statement of Performance – CMWSSB	Yes
6	Allocation/Participation – Cost Break Up Details	Yes
7	Abstract of Claim of Payment	Yes
8	Remuneration Details	Yes
9	Signed copy of Attendance Sheet	Yes
10	Vehicle Rental Invoice	N/A
11	Duty Travel – Flight Tickets	N/A
12	Office Rental Invoice	N/A
13	Purchase of Office Equipment Invoice (Tax Invoice)	N/A
14	Report Submission Acknowledgement	N/A
15	Insurance copies with Abstract Sheet	Yes
16	Performance Security Bank Guarantee / Advance Bank Guarantee	Yes
17	Asset Register/Stock Register	N/A
18	Lower Deduction of Tax Certificate	N/A
19	Price Escalation for 2 nd Year Acknowledgment Copy	Yes

N/A : Not Applicable





To
The Superintending Engineer (Desalination)
Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building,
2nd floor, No. 75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai - 600 028, Tamil Nadu, India
State Code-33

From:
SMEC International Pty. Ltd.
Purvankara Primus, 13th Floor
No. 236, OMR, Okkiyampet
Thuraipakkam, Chennai - 600 097
SAC Code - 998335
GSTIN-33AAICS3406K1ZE
PAN-AAICS3406K

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: 09.07.2021

Project No.: 5061185

Invoice No: 5061185/21-22/05

Client Ref. No.: 5061185/21-22/17

L/C Information

L/C No. IDP267YC03 Date of Issue 19-Jun-2020 for USD 6,510,243
Contract No. CNT/CON/DESAL/ICB/GOI/016/2018-19 DATED 09.01.2020,
LETTER OF AUTHORITY NO. AAAD/DISB.II/IDP-267A/LA-943 DT 10.06.2020

INVOICE FOR THE MONTH OF JUNE - 2021

S.No.	DESCRIPTION	CURRENCY (USD)				
		CONTRACT VALUE (1st YEAR)	CONTRACT VALUE (2nd Year)	THIS INVOICE	UPTO PREVIOUS INVOICE	LIFE TO DATE
A	B	C	D	E	F	G
I.	REMUNERATION	63,90,243	64,32,132.28	45,330.56	9,03,823.05	9,49,153.61
II.	REIMBURSABLES	1,20,000	1,20,720.00	-	18,000.00	18,000.00
TOTAL VALUE		65,10,243	65,52,852.28	45,330.56	9,21,823.05	9,67,153.61
TOTAL INVOICE AMOUNT				45,330.56		
RETENTION AMOUNT				-		
MOBILISATION ADVANCE 6 OF 77 (89 Contract period minus 12 MONTHS)				4,227.43	21,137.15	25,364.58
GRAND TOTAL				41,103.13	9,00,685.90	9,41,789.03

(USD Forty-One Thousand One Hundred Three Dollars and Thirteen Cents)

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

Company Name	SMEC International Pty. Ltd.
Account Number	53105111303
Bank Name	Standard Chartered Bank
Branch Address	DLF Building No. 7A, DLF Cyber City, Sector - 24/25/25A Gurgaon - 122 001
IFSC Code no.	SCBL0036025
SWIFT Code.	SCBLINBBXXX
MICR Code.	110036006

For SMEC International Pty. Ltd.

* **TAX TO BE DEDUCTED AS PER CERTIFICATE NO.1AA0820MBP & TDS rate 2.72%**

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

Corporate office: 1st Floor, Novus Tower, Plot no.18, Sector-18, Gurugram 122015, Haryana, INDIA
Telephone :+91-124-4552800, 4501100 Facsimile: +91-124-4380043

PROJECT MANAGER



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)



Claims for Payment

Date: 14th July 2021
Loan No.ID-P267
Ref. 5061185/21-22/05

To,
The Superintending Engineer (Desalination)
Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building,
2nd floor, No.75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai- 600 028
Tamil Nadu, India

We hereby submit the claims for invoice payment for the month of June 2021 towards providing "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" to you for the progress of the work in the following content.

1.	Name of the Beneficiary	: SMEC International Pty. Ltd.
2.	Contract No and Date	: CNT/CON/DESAL/ICB/GOI/016/2018-19, Dated: 09.01.2020
3.	Documentary Credit No. and date	: L/C. No. IDP267YC03, Date of Issue: 19-Jun-2020 for USD 6,510,243
4.	Letter of Authority No	: AAAD/DISB.II/IDP-267A/LA-943 Dt 10.06.2020
5.	Description of goods and services accomplished	: Consultancy Services
6.	Claimed amount	: USD 41,103.13
7.	Accumulated amount already paid / Claimed	: USD 12,26,197.90
8.	Total amount (6+7)	: USD 12,67,301.03

Please pay the amount claimed in 6. above into our account as detached below:

i).	Account Number	: 53105111303
ii).	Account Holder's Name	: SMEC International Pty. Ltd.
iii).	Name of the Bank	: Standard Chartered Bank
	Full Address of the Bank	: DLF Building No. 7A, DLF Cyber City, Sector - 24/25/25A, Gurgaon - 122 001
iv).	IFSC Code	: SCBL0036025
v).	SWIFT Code	: SCBLINBBXXX
vi).	MICR Code	: 110036006

Yours sincerely,
Authorized Signatory



For SMEC International Pty Ltd.

PMC Chennai Office Address:

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

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

On CMWSSB Letterhead

No.

Date: / /

From

The Superintending Engineer (Desalination), CMWSSB
Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building,
2nd floor, No.75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai- 600 028
Tamil Nadu, India

To

SMEC International Pty. Ltd.
Purvankara Primus, 13th Floor
No. 236, OMR, Okkiyampet
Thuraipakkam, Chennai – 600 097

Sub : STATEMENT OF PERFORMANCE

Ref : Letter of Authority No : AAAD/DISB.II/IDP-267A/LA-943 Dt 10.06.2020
Issued by : Government of India, Ministry of Finance,
Department of Economic Affairs, New Delhi, India.
Beneficiary : SMEC International Pty. Ltd.
L/C No. : IDP267YC03, Date of Issue: 19-Jun-2020 for USD 6,510,243
Issued by : Bank of India, Tokyo Branch
Project : Chennai Metropolitan Water Supply and Sewerage Board –
Construction of Chennai Seawater Desalination Plant (I).
Loan Agreement No. : ID-P267

We the undersigned, representing the Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) hereby issue a Statement of Performance to entitle SMEC International Pty. Ltd., to receive the sum of USD 41,103.13/- (Forty-One Thousand One Hundred Three Dollars and Thirteen Only) from the Japan International Cooperation Agency (JICA) as the USD payment of the Invoice No. 5061185/21-22/05 towards the month of June 2021 in accordance with the Payment terms stipulated in the Contract for Consultancy Services between Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) and SMEC International Pty Ltd.(Lead partner), Tata Consulting Engineers (TCE), NJS Engineering India Pvt. Ltd. (NJSEI), SMEC India Pvt. Ltd.(SMEC India). Agreement signed on 09.01.2020.

Yours faithfully,

The Superintending Engineer (Desalination) CMWSSB
Chennai Metropolitan Water Supply Sewerage Board.

Copy to : 1)
2)

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 International Pty Ltd, Australia

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 : 5061185

Date of Commencement of work : 20th January, 2020

Participation Value for : USD 6,510,243 (Excluding Contingencies @ 5% and Provisional Sums)

Index as per Bureau for Labour Statistics US Department of Labour as on December 2019													137.5
Index as per Bureau for Labour Statistics US Department of Labour as on December 2020													140.2
Price Adjustment Factor = 140.2 / 137.5 = 1.02													

Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month	Allocated/ Participation Amount	Price adj factor for 2nd Yr (From Feb' 21 to Jan'22)	Revised Cost (USD)	Utilised Qty (From Jan'2020 to Jan'2021)	Utilised Allocated/ Participation Amount (From Jan'20 to Jan'21)	Unutilised Qty (From Feb'2021 to Jan'2022)	Allocated/ Participation Amount (From Feb'21 to Jan'22) Price Escalation for 2nd Year	Balance Qty (From Feb'22 to end of the Project)	Balance Allocated Amount (From Feb'22 to end of the Project)	Revised Total Allocated/ Participation Amount
							USD	USD				USD		USD		USD	
A	Remuneration																
1	Remuneration for Key International Expert																
	Name of the Expert	IE/LE	Position														
1	Dr.Pararajasegram (Dharma) Dharmabalan	Key / IE	Project Manager	70	M	70	37,500	26,25,000	1.02	38,250.00	6.61	2,47,875.00	12.00	4,59,000.00	51.39	19,27,125.00	26,34,000.00
2	Shane Farquharson	Key / IE	Water Supply Engineer	23	M	23	25,360	5,83,280	1.02	25,867.20	2.04	51,734.40	12.00	3,10,406.40	8.96	2,27,225.60	5,89,366.40
3	Michel Morillon	Key / IE	Mechanical Engineer (Desal)	15	M	15	44,000	6,60,000	1.02	44,880.00	4.22	1,85,680.00	10.78	4,83,806.40	-	-	6,69,486.40
4	Guilbert Z Gonzales (Replaced for Sergio de Bastos Villar Magalhaes Paulo)	Key / IE	Electrical Engineer (Desal)	25	M	25	13,132	3,28,300	1.02	13,394.64	0.31	4,070.92	12.00	1,60,735.68	12.69	1,66,645.08	3,31,451.68



Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month	Allocated/ Participation Amount	Price adj factor for 2nd Yr (From Feb' 21 to Jan'22)	Revised Cost (USD)	Utilised Qty (From Jan'2020 to Jan'2021)	Utilised Allocated/ Participation Amount (From Jan'20 to Jan'21)	Unutilised Qty (From Feb'2021 to Jan'2022)	Allocated/ Participation Amount (From Feb'21 to Jan'22) Price Escalation for 2nd Year	Balance Qty (From Feb'22 to end of the Project)	Balance Allocated Amount (From Feb'22 to end of the Project)	Revised Total Allocated/ Participation Amount
							USD	USD				USD		USD		USD	USD
5	John Goullee	Key / IE	Pipeline Engineer	70	M	70	22,602	15,82,140	1.02	23,054.04	-	-	12.00	2,76,648.48	58.00	13,10,916.00	15,87,564.48
6	Abdel Toukan (Replaced for Roderick Mackenzie)	Key / IE	Contract Specialist (Desal)	9	M	9	44,407	3,99,663	1.02	45,295.14	3.11	1,38,105.77	5.89	2,66,788.37	-	-	4,04,894.14
	Remuneration for Non-Key International Expert																
7	Afzal Abdul Latheef (Replaced for Manikandan Ganesh Shoranur)	Non Key / IE	Monitoring and Control Expert (Desal)	11	M	11	19,260	2,11,860	1.02	19,645.20	1.89	36,401.40	9.11	1,78,967.77	-	-	2,15,369.17
	Remuneration : Total Value (A)					223		63,90,243				6,63,867.49		21,36,353.11		36,31,911.68	64,32,132.28
B	Direct Cost (Reimbursable Expenses)																
2	Duty Travel																
	International Air Travel																
	Professional Staff			50	RT	40	3,000	1,20,000	1.02	3,060.00	6.00	18,000.00	12.00	36,720.00	22.00	66,000.00	1,20,720.00
	Reimbursable Expenses : Total Value (B)							1,20,000				18,000.00		36,720.00		66,000.00	1,20,720.00
	Total Amount							65,10,243				6,81,867.49				36,97,911.68	65,52,852.28



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					: M/s.SMEC International Pty Limited, Australia in consortium with M/s.NJS Engineers India Pvt Ltd, Pune, M/s. Tata Consulting Engineers Ltd, Navi Mumbai, M/s.SMEC India Pvt Ltd, Haryana.										
					Bill claimed for M/s.SMEC International Pty Limited, Australia (Currency - USD)										
Contract Value					: Rs.124,22,37,929/- for PMC (INR 57,55,55,630.00 & USD 9,411,963)										
Contract Period					: 89 Months										
Bill Number					: Monthly Payment Bill - June'2021										
Price Escalation for Remuneration & Reimbursable for 2nd year (From 01.02.2021 to 19.01.2022))					Index as per Bureau for Labour Statistics US Department of Labour as on December 2019								137.5		
					: Index as per Bureau for Labour Statistics US Department of Labour as on December 2020								140.2		
					Price Adjustment Factor = 140.2 / 137.5 = 1.02										
Date of Commencement of work					: 20.01.2020										
Date of Completion					: Work in progress										
Reference to schedule	Description of Work			Contract Quantity	Unit	Quantity of Work done				Cost	Price adj factor for 2nd Yr (From Feb' 21 to Jan'22)	Revised Cost (USD)	per	Value of work done	
						Previous for 1st Year	Previous for Price Adj. Fac. 2nd Year (Feb'21 to May'21)	Since	Total	USD				Upto date Certificate	Since last Certificate
	Mobilization advance for PMC - Clause 6.5 (a) - (89 months including Defect Liability Period)														
	Mobilization Advance - 5% of USD 6,510,243								325512.00					3,25,512.00	
A	Remuneration														
1	Remuneration for Professional (International Experts)														
	Dr.Pararajasegram (Dharma) Dharmabalan	Key /IE	Project Manager	70	MM	6.61	2.86	0.73	10.20	37,500.00	1.02	38,250.00	Each	3,85,227.27	27,818.18
	Shane Farquharson	Key /IE	Water Supply Engineer	23	MM	2.04	-	-	2.04	25,360.00	1.02	25,867.20	Each	51,734.40	-
	Michel Morillon	Key /IE	Mechanical Engineer(Desal)	15	MM	4.22	-	-	4.22	44,000.00	1.02	44,880.00	Each	1,85,680.00	-
	Guilbert Z Gonzales (Replaced for Sergio de Bastos Villar Magalhaes Paulo)	Key /IE	Electrical Engineer (Desal)	25	MM	0.31	3.82	1.00	5.13	13,132.00	1.02	13,394.64	Each	68,608.73	13,394.64
	John Goullee	Key /IE	Pipeline Engineer	70	MM	-	-	-	-	22,602.00	1.02	23,054.04	Each	-	-
	Abdel Toukan (Replaced for Roderick Mackenzie)	Key /IE	Contract Specialist (Desal)	9	MM	3.11	1.45	0.09	4.66	44,407.00	1.02	45,295.14	Each	2,08,107.35	4,117.74
2	Remuneration for Professional (Local Experts)														
	Afzal Abdul Latheef (Replaced for Manikandan Ganesh Shoranur)	Non Key /IE	Monitoring and Control Expert (Desal)	11	MM	1.89	0.68	-	2.57	19,260.00	1.02	19,645.20	Each	49,795.85	-
B	Direct Cost (Reimbursable Expenses)														
2	Duty Travel														
	International Air Travel														
	Professional Staff			40	No	6.00	-	-	6.00	3,000.00	1.02	3,060.00	Each	18,000.00	-
	Amount to be paid													12,92,665.61	45,330.56
	(USD Forty-Five Thousand Three Hundred Thirty Dollars and Fifty-Six Cents Only)														



PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

KEY & NON-KEY INTERNATIONAL STAFF REMUNERATION EXPENSES								
Sr.No	Name	Position	Total No. of Staff Months	Rate per Month (USD) (1st Year)	Revised Price adj Factor for 2nd year Rate per Month (USD)	Revised Total Allocated Amount (USD)	Man Month Claimed for June'2021	Total Amount Claimed for June'2021 (USD)
Key International								
1	Dr.Pararajasegram (Dharma) Dharmabalan	Project Manager	70	37,500	38,250.00	26,34,000.00	0.73	27,818.18
2	Shane Farquharson	Water Supply Engineer	23	25,360	25,867.20	5,89,366.40	-	-
3	Michel Morillon	Mechanical Engineer (Desal)	15	44,000	44,880.00	6,69,486.40	-	-
4	Guilbert Z Gonzales (Replaced for Sergio de Bastos Villar Magalhaes Paulo)	Electrical Engineer (Desal)	25	13,132	13,394.64	3,31,451.68	1.00	13,394.64
5	John Goullee	Pipeline Engineer	70	22,602	23,054.04	15,87,564.48	-	-
6	Abdel Toukan (Replaced for Roderick Mackenzie)	Contract Specialist (Desal)	9	44,407	45,295.14	4,04,894.14	0.09	4,117.74
Non-Key International								
7	Afzal Abdul Latheef (Replaced for Manikandan Ganesh Shoranur)	Monitoring and Control Expert (Desal)	11	19,260	19,645.20	2,15,369.17	-	-
Total						64,32,132.28		45,330.56



 Authorized Signatory

KEY & NON-KEY INTERNATIONAL STAFF - REMUNERATION MAN MONTHS DETAILS - ABSTRACT																							
Sr.No.	Name	Position	Total Staff Man Months	Man Months Claimed details																		Total Staff Man Months Utilised	Balance Man Months
Key International				Jan'20	Feb'20	Mar'20	Apr'20	May'20	June'20	July'20	Aug'20	Sep'20	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	May'21	Jun'21		
1	Dr.Pararajasegram (Dharma) Dharmabalan	Project Manager	70	-	0.45	-	0.45	0.45	0.68	0.59	0.50	0.73	0.68	0.68	0.63	0.77	0.73	0.77	0.68	0.68	0.73	10.20	59.80
2	Shane Farquharson	Water Supply Engineer	23	0.45	0.91	0.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04	20.96
3	Michel Morillon	Mechanical Engineer (Desal)	15	0.45	0.45	0.45	1.00	0.50	0.68	0.23	0.27	0.14	0.05	-	-	-	-	-	-	-	-	4.22	10.78
4	Guilbert Z Gonzales (Replaced for Sergio de Bastos Villar Magalhaes Paulo)	Electric Engineer (Desal)	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	John Goullee	Pipeline Engineer	70	-	-	-	-	-	-	-	-	-	-	-	-	0.31	0.86	1.00	1.00	0.95	1.00	-	70.00
6	Abdel Toukan (Replaced for Roderick Mackenzie)	Contract Specialist (Desal)	9	0.45	0.45	-	-	-	-	-	-	-	-	0.95	0.40	0.86	0.59	0.68	0.18	-	0.09	4.66	4.34
Non-Key International																							
7	Afzal Abdul Latheef (Replaced for Manikandan Ganesh Shoranur)	Monitoring and Control Expert (Desal)	11	-	-	-	-	-	-	-	-	-	-	0.36	0.81	0.72	0.68	-	-	-	-	2.57	8.43

Authorized Signatory



ATTENDANCE SHEET JUNE - 2021

Sr.No	Name	Position	1-Jun	2-Jun	3-Jun	4-Jun	5-Jun	6-Jun	7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	30-Jun	Total No. of Working Days	Man month Claimed
Key International			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	Tue	Wed		
1	Dr.Pararajasegram (Dharma) Dharmabalan	Project Manager	P	P	P	P				P	P	P	P			P	P		P	P			P	P	P					P			16	0.73
2	Shane Farquharson	Water Supply Engineer																																
3	Michel Morillon	Mechanical Engineer (Desal)																																
4	Gulbert Z Gonzales (Replaced for Sergio de Bastos Villar Magalhaes Paulo)	Electrical Engineer (Desal)	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	John Goullee	Pipeline Engineer																																
6	Abdel Toukan (Replaced for Roderick Mackenzie)	Contract Specialist (Desal)																							P	P							2	0.09
Non-Key International																																		
7	Afzal Abdul Latheef (Replaced for Manikandan Ganesh Shoranur)	Monitoring and Control Expert (Desal)																																

P - Present

PH- Public / CMWSSB Holidays



REIMBURSABLE EXPENSES

II-DUTY TRAVEL TO SITE (REIMBURSABLE)

SI No	Description	Unit	Currency	Quantity	Rate	Revised Price adj Factor for 2nd year Rate per Month (USD) Amount	Revised Total Allocated Amount (USD)	Claimed for Month June-21 (Unit/Fixed)	Total Amount (USD)
1	International Air Travel								
	Professional Staff	No.	USD	40	3,000	3,060	1,20,720	-	-
	Sub Total						1,20,720		-

Authorized Signatory



II-DUTY TRAVEL TO SITE (REIMBURSABLE) - FIXED

1. International Air Travel

Sr.No	Name of the Employee	Designation	Mode of Transport	Date of Arrival	Date of Depature

Authorized Signatory



REIMBURSABLE EXPENSES - ABSTRACT																											
SI No	Description	Unit	Curren- cy	Mont- hs	Rate (USD)	Amount (USD)	Invoiced for the month of Jan'20 (Qty)	Invoiced for the month of Feb'20 (Qty)	Invoiced for the month of Mar'20 (Qty)	Invoiced for the month of Apr'20 (Qty)	Invoiced for the month of May'20 (Qty)	Invoiced for the month of June'20 (Qty)	Invoiced for the month of July'20 (Qty)	Invoiced for the month of Aug'20 (Qty)	Invoiced for the month of Sep'20 (Qty)	Invoiced for the month of Oct'20 (Qty)	Invoiced for the month of Nov'20 (Qty)	Invoiced for the month of Dec'20 (Qty)	Invoiced for the month of Jan'21 (Qty)	Invoiced for the month of Feb'21 (Qty)	Invoiced for the month of Mar'21 (Qty)	Invoiced for the month of Apr'21 (Qty)	Invoiced for the month of May'21 (Qty)	Invoiced for the month of Jun'21 (Qty)	Total Claimed as on date (Qty)	Balance Qty	
II-DUTY TRAVEL TO SITE (REIMBURSABLE)																											
SI No	Description	Unit	Curren- cy	Quant- ity	Rate	Amount (USD)																					
1	International Air Travel																										
	Professional Staff	No.	USD	40	3,000	1,20,000	-	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	6	34
	Total					1,20,000																					

Authorized Signatory



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: SSNT PMC 400 MLD/ CMWSSB / 5061185/294

Date: 04th March 2021

To,

The Superintending Engineer (Desalination),

Chennai Metropolitan Water Supply and Sewerage Board,

Urban Administrative Building, 2nd Floor, No.75, Santhome High Road,

MRC Nagar, Raja Annamalaipuram, Chennai 600 028 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 (JICA Loan ID-P267)"

Submission of Price Adjustment for Local and Foreign Currency for Remuneration and Reimbursable expenses as per Special Condition of Contract Agreement Clause 6.2(c) – 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 with CMWSSB, dated 09.01.2020
 4. Our Letter no. Ref : 1600991/LOA/07, dated 08.11.2019
 5. Your Letter no. Lr.no.CMWSSB /CNT/CON/DESAL/ICB/Gol/016/2018-19, dated 06.11.2019

Dear Sir,

We wish to bring to your kind notice that the Project Management Consultancy (PMC) assignment commenced our services on 20.01.2020 and we have successfully completed 12 months period for the subject project. As per our Contract Agreement vide our letter cited in reference no.3, dated 09.01.2020, the Special Conditions of Contract, Clause 6.2 (c) (Page no. 41 and 42), states that the contract price will be adjusted every 12th months (and, for the first time, with effect for the remuneration earned in the 13th calendar month after the date of the Contract) as per Consumer Price Index for Industrial Works (CPI-IW) Labour Bureau, Govt. of India for Local Currency and for Foreign Currency as per the Bureau of Labour Statistics US Department of Labour.

In this regard, we are submitting herewith the methodology (as per Contract) for calculation of price adjustments for your kind approval.

1. Adjustment of Remuneration**A) Local Currency**

$$R_f = R_{f0} \times (I_f / I_{f0})$$

where:

 R_f is the adjusted remuneration; R_{f0} is the remuneration payable on the basis of the rates set forth in Appendix D for remuneration payable in local currency; I_f is the relevant index salaries in the Client's country for the first month for which the adjustment is to have effect; and I_{f0} is the official index for salaries in the Client's country for the month of the date of the contract**PMC Chennai Office Address:**

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

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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)



I_f (13th Calendar Month) = General Index Number **118.2 (Jan'2021)** as per All India Average Consumer Price Index Number for Industrial Workers (Base 2016-100)

I_{f0} (1st Calendar Month) = General Index Number **330 (Jan'2020)** as per All India Average Consumer Price Index Number for Industrial Workers (Base 2001-100). Linking factor is **2.88** as per "Report on New Series of Consumer Price Index for Industrial Workers (CPI-IW) (Base 2016 = 100)".

Hence, $I_{f0} = (330/2.88) = 114.58$

Therefore, $I_f / I_{f0} = (118.2/114.58) = 1.03$

B) Foreign Currency

$$R_f = R_{f0} \times (I_f / I_{f0})$$

where:

R_f is the adjusted remuneration;

R_{f0} is the remuneration payable on the basis of the rates set forth in Appendix D for remuneration payable in foreign currency;

I_f is the official index for salaries in the country of the foreign currency for the first month for which the adjustment is supposed to have effect; and

I_{f0} is the official index for salaries in the country of the foreign currency for the month of the date of the contract

I_f (13th Calendar Month) = Official Index Number **140.2 (December'2020)** as per the Bureau for labour statistics US Department of Labour (December'2020 index is taken because the indices are released on quarterly basis. The next indices will be released in March 2021)

I_{f0} (1st Calendar Month) = Official Index Number **137.5 (December'2019)** as per the Bureau for labour statistics US Department of Labour (December'2019 index is taken because the indices are released on quarterly basis) (**Same data applicable as on signing of Contract on 09.01.2020**).

Hence, $I_f / I_{f0} = [140.2 / 137.5] = 1.02$

2. Adjustment of reimbursable expenses

$$P = P_0 \times (I/I_0)$$

where:

P is the adjusted reimbursable expenses;

P_0 is the reimbursable expenses payable on the basis of the rates set forth in Appendix E for reimbursable expenses;

I is the relevant official index in the country of the currency for the first month for which the adjustment is to have effect, and

I_0 is the relevant official index in the country of the currency for the month of the date of the contract

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PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

Consortium Partners

SMEC International Pty. Ltd. (ACN-065440619/FCRN-F01483)

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Tata Consulting Engineers Limited, India (CIN- U74210MH1999PLC123010)

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



A) Local Currency

I = Relevant Official Index Number **118.2 (Jan'2021)** as per All India Average Consumer Price Index Number for Industrial Workers (Base 2016-100)

I_0 = Relevant Official Index Number **330 (Jan'2020)** as per All India Average Consumer Price Index Number for Industrial Workers (Base 2001-100). Linking factor is **2.88** as per "Report on New Series of Consumer Price Index for Industrial Workers (CPI-IW) (Base 2016 = 100)".

Hence, $I_0 = 330/2.88 = 114.58$

Therefore, $I_f / I_0 = 118.2/114.58 = 1.03$

B) Foreign Currency

I = Relevant Official Index Number **140.2 (December'2020)** as per the Bureau for labour statistics US Department of Labour (December'2020 index is taken because the indices are released on quarterly basis. The next indices will be released in March'2021)

I_0 = Relevant Official Index Number **137.5 (December'2019)** as per the Bureau for labour statistics US Department of Labour (December'2019 index is taken because the indices are released on quarterly basis) **(Same data applicable as on signing of Contract on 09.01.2020).**

Hence, $I / I_0 = [140.2 / 137.5] = 1.02$

We request you to kindly provide your approval for the price adjustment with effect from 01st February 2021, the 13th month, for above subject project.

Thanking you and assuring our services at all times.

Yours truly,

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

S.Srinivasarao
Project Coordinator



Encl.:

1. Annexure 1 : All India Average Consumer Price Index Numbers for Industrial Workers (Base 2016=100 & Base 2001=100) released by Govt. of India, Ministry of Labour & Employment Labour Bureau
2. Annexure 2 : Report on New Series of Consumer Price Index for Industrial Workers (CPI-IW) (Base 2016=100) : Linking Factor released by Govt. of India, Ministry of Labour & Employment Labour Bureau
3. Annexure 3 : Table 5: Employment Cost Index for private industry workers as per US Bureau of Labour Statistics for December 2019
4. Annexure 4 : Table 5: Employment Cost Index for private industry workers as per US Bureau of Labour Statistics for December 2020

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You are here : Home >> Index Number >> CPI (IW) Base 2001=100, Base 2016=100 >> All India General Index

Public Documents

Schemes

Index Number

EUS/QES

Indian Labour Journal

Publications/Reports

Training

CPI(IW) New Series

Budget Estimates

Index Numbers - Archived

Employees Corner

Data Dissemination

All India General Index

All-India Average Consumer Price Index Numbers for Industrial Workers

(Base 2016=100)

Item	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	June 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Average
General Index	118.2	-											

All-India Average Consumer Price Index Numbers for Industrial Workers

(Base 2016=100)

Item	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	June 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Average
General Index	-	-	-	-	-	-	-	-	118.1	119.5	119.9	118.8	

All-India Average Consumer Price Index Numbers for Industrial Workers

(Base 2001=100)

Item	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	June 2020	Jul 2020	Aug 2020	Sep 2020	Oct 2020	Nov 2020	Dec 2020	Average
General Index	330	328	326	329	330	332	336	338					

All-India Average Consumer Price Index Numbers for Industrial Workers



सत्यमेव जयते

**Report on
New Series of Consumer Price Index
for Industrial Workers (CPI-IW)
(Base 2016 = 100)**



(Since 1920)

**Government of India
Ministry of Labour & Employment
Labour Bureau**



The group level weights under new series (2016=100) and existing series of CPI-IW (2001=100) are depicted in above charts. It may be observed that the weight of Food & Beverages (earlier Food group) is declining whereas the weight of Miscellaneous group is rising under CPI-IW (2016=100) vis-à-vis CPI-IW (2001=100).

5.2. Linking Factor:

On the introduction of revised series, it is essential to provide a linking factor between the old series and the revised series so that the new series, when released, may be compared with the outgoing one. Under the 'Arithmetic Conversion method' the linking factor or conversion factor of the two series is worked out by taking the ratio of the averages of old series indices to the new series indices. This method had been adopted for linking 1982 series with 2001 series. Following this approach, the linking factor has been derived by taking the ratio of average of monthly indices of old series to new series for the period of 12 months (from September 2019 to August 2020). The linking factor of new series 2016=100 to old series of CPI-IW (2001=100) is 2.88. The linking factor of the centres common between both series ranges from 2.38 of Doom-Dooma Tinsukia to 3.60 of Nagpur (Annexure IX).

Occupational group and industry	Indexes (Dec. 2005=100)			Percent changes for					
	Mar. 2019	Dec. 2019	Mar. 2020	3-months ended-			12-months ended-		
				Mar. 2019	Dec. 2019	Mar. 2020	Mar. 2019	Dec. 2019	Mar. 2020
Industry									
Goods-producing industries ⁽⁴⁾	133.1	135.8	136.7	0.9	0.4	0.7	2.5	3.0	2.7
Manufacturing	132.9	135.3	136.2	1.0	0.6	0.7	2.2	2.8	2.5
Service-providing industries ⁽⁵⁾	136.7	139.2	140.6	0.8	0.4	1.0	2.9	2.7	2.9
Education and health services	135.8	138.7	139.5	0.4	0.5	0.6	2.6	2.6	2.7
Educational services	136.2	139.4	140.1	0.4	0.4	0.5	2.7	2.7	2.9
Elementary and secondary schools	136.3	139.6	140.2	0.4	0.4	0.4	2.9	2.8	2.9
Junior colleges, colleges, universities, and professional schools	136.3	139.3	139.9	0.4	0.5	0.4	2.6	2.7	2.6
Health care and social assistance	135.5	137.9	139.0	0.6	0.5	0.8	2.6	2.4	2.6
Hospitals	135.9	138.5	139.4	0.7	0.7	0.6	2.6	2.6	2.6
Nursing and residential care facilities	132.3	134.5	135.6	0.5	0.4	0.8	2.5	2.2	2.5
Public administration	140.4	143.4	144.6	0.9	0.6	0.8	3.1	3.0	3.0
Footnotes									
(1) Includes wages, salaries, and employer costs for employee benefits.									
(2) Includes workers in the private nonfarm economy except those in private households, and workers in the public sector, except the federal government.									
(3) The index for this series is not strictly comparable with other series in this table.									
(4) Includes mining, construction, and manufacturing.									
(5) Includes the following industries: wholesale trade; retail trade; transportation and warehousing; utilities; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; other services, except public administration; and public administration.									
SOURCE: U.S. Bureau of Labor Statistics, National Compensation Survey									

Table 5. Employment Cost Index for total compensation⁽¹⁾, for private industry workers, by occupational group and industry
(Not seasonally adjusted)

Occupational group and industry	Indexes (Dec. 2005=100)			Percent changes for					
	Mar. 2019	Dec. 2019	Mar. 2020	3-months ended-			12-months ended-		
				Mar. 2019	Dec. 2019	Mar. 2020	Mar. 2019	Dec. 2019	Mar. 2020
All workers	135.6	138.0	139.4	0.9	0.4	1.0	2.8	2.7	2.8
Excluding incentive paid occupations ⁽²⁾	135.7	138.1	139.4	0.9	0.4	0.9	2.6	2.7	2.7
Occupational group									
Management, professional, and related	134.8	136.8	138.0	0.7	0.3	0.9	2.3	2.2	2.4
Excluding incentive paid occupations ⁽²⁾	134.1	136.1	137.3	0.8	0.3	0.9	2.2	2.3	2.4
Management, business, and financial	136.2	138.4	139.5	0.7	0.2	0.8	2.3	2.4	2.4
Excluding incentive paid occupations ⁽²⁾	135.3	137.4	138.5	0.8	0.2	0.8	2.1	2.4	2.4
Professional and related	133.7	135.6	136.8	0.7	0.4	0.9	2.2	2.1	2.3
Sales and office	136.4	138.8	140.6	1.0	0.3	1.3	3.3	2.8	3.1
Excluding incentive paid occupations ⁽²⁾	138.5	140.9	142.3	1.0	0.4	1.0	3.3	2.8	2.7
Sales and related	132.0	134.5	136.8	0.9	0.2	1.7	3.4	2.8	3.6
Excluding incentive paid occupations ⁽²⁾	136.7	139.0	140.4	1.1	0.4	1.0	3.3	2.8	2.7
Office and administrative support	139.5	141.9	143.3	1.1	0.4	1.0	3.3	2.8	2.7
Natural resources, construction, and maintenance	135.3	137.9	139.3	0.6	0.4	1.0	2.7	2.5	3.0
Construction, extraction, farming, fishing, and forestry occupations	135.5	138.6	140.2	0.8	0.5	1.2	2.5	3.1	3.5
Installation, maintenance, and repair	135.1	137.3	138.2	0.4	0.4	0.7	2.9	2.0	2.3
Production, transportation, and material moving	136.4	139.2	140.6	1.3	0.8	1.0	2.9	3.3	3.1
Excluding incentive paid occupations ⁽²⁾	136.1	139.0	140.3	1.0	0.7	0.9	2.6	3.2	3.1
Production	133.5	136.0	137.2	0.9	0.7	0.9	2.5	2.8	2.8
Excluding incentive paid occupations ⁽²⁾	133.9	136.4	137.6	1.0	0.7	0.9	2.6	2.9	2.8
Transportation and material moving	140.1	143.2	144.8	1.7	0.8	1.1	3.5	3.9	3.4
Service occupations	137.2	140.6	142.2	1.2	1.0	1.1	3.4	3.7	3.6
Industry and occupational group									
Goods-producing industries ⁽³⁾	133.1	135.8	136.7	0.9	0.5	0.7	2.5	3.0	2.7
Excluding incentive paid occupations ⁽²⁾	133.4	135.9	137.0	0.9	0.4	0.8	2.4	2.8	2.7
Management, professional, and related	131.4	133.3	134.4	1.1	0.3	0.8	2.1	2.5	2.3
Sales and office	135.2	139.9	137.2	0.7	0.7	-1.9	3.7	4.2	1.5
Natural resources, construction, and maintenance	134.7	137.8	139.3	0.7	0.4	1.1	2.4	3.0	3.4
Production, transportation, and material moving	132.5	135.2	136.4	1.0	0.7	0.9	2.3	3.0	2.9
Construction	133.4	137.0	137.6	0.8	0.4	0.4	2.9	3.5	3.1
Manufacturing	132.9	135.3	136.2	1.0	0.6	0.7	2.2	2.8	2.5
Management, professional, and related	132.6	134.4	135.4	1.1	0.4	0.7	2.0	2.5	2.1
Sales and office occupations	136.8	139.9	139.6	1.0	0.8	-0.2	3.3	3.3	2.0
Natural resources, construction, and maintenance	132.8	135.2	136.4	0.5	0.4	0.9	1.5	2.3	2.7
Production, transportation, and material moving	132.2	134.9	136.0	1.1	0.7	0.8	2.3	3.1	2.9
Aircraft manufacturing	122.1	122.3	120.7	1.5	-0.1	-1.3	-7.6	1.7	-1.1
Service-providing industries ⁽⁴⁾	136.3	138.7	140.2	0.8	0.4	1.1	2.8	2.6	2.9

Footnotes

(1) Includes wages, salaries, and employer costs for employee benefits.

(2) The index for this series is not strictly comparable with other series in this table.

(3) Includes mining, construction, and manufacturing.

(4) Includes the following industries: wholesale trade; retail trade; transportation and warehousing; utilities; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

SOURCE: U.S. Bureau of Labor Statistics, National Compensation Survey

Occupational group and industry	Indexes (Dec. 2005=100)			Percent changes for					
	Mar. 2019	Dec. 2019	Mar. 2020	3-months ended-			12-months ended-		
				Mar. 2019	Dec. 2019	Mar. 2020	Mar. 2019	Dec. 2019	Mar. 2020
Excluding incentive paid occupations(2)	136.5	138.8	140.2	0.9	0.4	1.0	2.7	2.6	2.7
Management, professional, and related	135.4	137.5	138.6	0.6	0.3	0.8	2.3	2.2	2.4
Sales and office	136.5	138.7	141.0	1.0	0.2	1.7	3.3	2.7	3.3
Natural resources, construction, and maintenance	136.2	138.2	139.3	0.5	0.6	0.8	3.2	2.0	2.3
Production, transportation, and material moving	140.9	143.8	145.3	1.6	0.8	1.0	3.7	3.7	3.1
Service occupations	137.2	140.6	142.1	1.2	1.0	1.1	3.5	3.7	3.6
Trade, transportation, and utilities	138.4	140.7	142.2	1.2	0.4	1.1	3.3	2.9	2.7
Excluding incentive paid occupations(2)	138.7	141.4	142.9	1.0	0.5	1.1	3.1	3.0	3.0
Wholesale trade	134.2	134.9	136.6	0.9	0.1	1.3	3.2	1.4	1.8
Excluding incentive paid occupations(2)	136.6	139.0	140.3	0.9	0.6	0.9	2.7	2.7	2.7
Retail trade	138.6	141.7	142.9	0.9	0.6	0.8	3.2	3.2	3.1
Excluding incentive paid occupations(2)	137.7	140.2	141.8	1.1	0.5	1.1	3.6	2.9	3.0
Transportation and warehousing	141.5	144.8	146.5	1.6	0.7	1.2	3.4	3.9	3.5
Utilities	148.5	150.4	151.8	2.4	0.3	0.9	3.5	3.7	2.2
Information	135.6	135.7	137.1	1.0	0.3	1.0	4.8	1.0	1.1
Financial activities	135.6	138.2	139.4	1.0	0.1	0.9	2.7	3.0	2.8
Excluding incentive paid occupations(2)	136.4	138.4	139.6	1.2	0.3	0.9	2.9	2.7	2.3
Finance and insurance	135.9	138.6	140.0	1.0	0.1	1.0	2.8	3.0	3.0
Credit intermediation and related activities	134.2	137.1	138.4	1.3	0.1	0.9	2.8	3.5	3.1
Excluding incentive paid	138.8	141.0	142.5	1.4	0.1	1.1	3.0	3.0	2.7
Insurance carriers and related activities	137.8	139.6	140.6	1.5	0.0	0.7	2.8	2.9	2.0
Excluding incentive paid occupations(2)	136.9	138.8	139.9	1.3	0.3	0.8	2.9	2.7	2.2
Real estate and rental and leasing	134.5	136.3	137.0	1.1	0.3	0.5	2.8	2.4	1.9
Excluding incentive paid occupations(2)	138.1	140.1	140.9	1.0	0.5	0.6	3.1	2.5	2.0
Professional and business services	136.3	138.7	140.7	0.8	0.3	1.4	2.3	2.6	3.2
Professional, scientific, and technical services	138.6	140.5	143.2	0.8	0.1	1.9	2.0	2.2	3.3
Administrative and support and waste management and remediation services	133.1	135.8	137.3	0.8	0.6	1.1	2.9	2.9	3.2
Education and health services	134.7	137.2	138.3	0.4	0.4	0.8	2.5	2.3	2.7
Educational services	134.6	137.6	138.6	0.1	0.2	0.7	2.4	2.4	3.0
Junior colleges, colleges, universities, and professional schools	136.8	139.5	140.4	0.4	0.4	0.6	2.9	2.4	2.6
Health care and social assistance	134.8	137.1	138.3	0.5	0.5	0.9	2.6	2.2	2.6
Hospitals	135.5	138.0	138.8	0.6	0.7	0.6	2.6	2.4	2.4
Nursing and residential care facilities	130.7	132.8	133.8	0.6	0.5	0.8	2.4	2.2	2.4
Nursing care facilities(2)	130.2	132.1	133.1	0.4	0.5	0.8	2.4	1.9	2.2
Leisure and hospitality	137.0	140.0	141.9	1.0	1.2	1.4	3.3	3.2	3.6
Accommodations and food service	138.0	141.6	143.7	1.2	1.1	1.5	3.4	3.9	4.1
Other services, except public administration	136.6	139.2	140.4	1.2	0.9	0.9	2.8	3.1	2.8

Footnotes

(1) Includes wages, salaries, and employer costs for employee benefits.

(2) The index for this series is not strictly comparable with other series in this table.

(3) Includes mining, construction, and manufacturing.

(4) Includes the following industries: wholesale trade; retail trade; transportation and warehousing; utilities; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

SOURCE: U.S. Bureau of Labor Statistics, National Compensation Survey

Table 6. Employment Cost Index for total compensation⁽¹⁾, for private industry workers, by bargaining status and Census region and division

[Not seasonally adjusted]

Bargaining status and Census region and division	Indexes (Dec. 2005=100)			Percent changes for					
	Mar. 2019	Dec. 2019	Mar. 2020	3-months ended-			12-months ended-		
				Mar. 2019	Dec. 2019	Mar. 2020	Mar. 2019	Dec. 2019	Mar. 2020
Bargaining status									
Union	140.0	142.3	143.1	0.9	0.6	0.6	3.4	2.5	2.2
Goods-producing industries(2)	134.1	137.0	137.6	0.7	0.5	0.4	1.4	2.9	2.6
Manufacturing	127.7	129.8	130.5	0.6	0.5	0.5	-0.1	2.3	2.2
Service-providing industries(3)	144.1	146.2	147.2	0.9	0.7	0.7	4.3	2.4	2.2
Nonunion	134.9	137.3	138.8	0.9	0.4	1.1	2.7	2.7	2.9
Goods-producing industries(2)	132.6	135.4	136.3	0.9	0.5	0.7	2.6	3.0	2.8
Manufacturing	134.2	136.6	137.6	1.1	0.6	0.7	2.7	2.9	2.5

Footnotes

(1) Includes wages, salaries, and employer costs for employee benefits.

(2) Includes mining, construction, and manufacturing.

(3) Includes the following industries: wholesale trade; retail trade; transportation and warehousing; utilities; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

(4) The Census divisions are defined as follows: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

NOTE: The indexes for these series are not strictly comparable to those for the aggregate, occupation, and industry series.

SOURCE: U.S. Bureau of Labor Statistics, National Compensation Survey



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Table 5. Compensation (not seasonally adjusted): Employment Cost Index for total compensation, for private industry workers, by occupational group and industry**Table 5. Employment Cost Index for total compensation⁽¹⁾, for private industry workers, by occupational group and industry**
(Not seasonally adjusted)

Occupational group and industry	Indexes (Dec. 2005=100)			Percent changes for					
	Dec. 2019	Sep. 2020	Dec. 2020	3-months ended-			12-months ended-		
				Dec. 2019	Sep. 2020	Dec. 2020	Dec. 2019	Sep. 2020	Dec. 2020
All workers	138.0	140.7	141.6	0.4	0.4	0.6	2.7	2.4	2.6
Excluding incentive paid occupations ⁽²⁾	138.1	140.8	141.6	0.4	0.5	0.6	2.7	2.4	2.5
Occupational group									
Management, professional, and related	136.8	139.0	139.5	0.3	0.4	0.4	2.2	1.9	2.0
Excluding incentive paid occupations ⁽²⁾	136.1	138.3	138.8	0.3	0.5	0.4	2.3	1.9	2.0
Management, business, and financial	138.4	140.7	141.0	0.2	0.4	0.2	2.4	1.9	1.9
Excluding incentive paid occupations ⁽²⁾	137.4	139.5	139.9	0.2	0.3	0.3	2.4	1.8	1.8
Professional and related	135.6	137.8	138.4	0.4	0.6	0.4	2.1	2.0	2.1
Sales and office	138.8	141.9	143.2	0.3	0.3	0.9	2.8	2.5	3.2
Excluding incentive paid occupations ⁽²⁾	140.9	143.9	145.0	0.4	0.4	0.8	2.8	2.5	2.9
Sales and related	134.5	137.8	139.6	0.2	0.1	1.3	2.8	2.7	3.8
Excluding incentive paid occupations ⁽²⁾	139.0	142.2	143.9	0.4	0.3	1.2	2.8	2.7	3.5
Office and administrative support	141.9	144.8	145.6	0.4	0.5	0.6	2.8	2.4	2.6
Natural resources, construction, and maintenance	137.9	140.6	141.3	0.4	0.5	0.5	2.5	2.4	2.5
Construction, extraction, farming, fishing, and forestry occupations	138.6	140.4	141.2	0.5	0.4	0.6	3.1	1.8	1.9
Installation, maintenance, and repair	137.3	140.8	141.4	0.4	0.6	0.4	2.0	3.0	3.0
Production, transportation, and material moving	139.2	142.7	143.8	0.8	0.7	0.8	3.3	3.3	3.3
Excluding incentive paid occupations ⁽²⁾	139.0	142.5	143.6	0.7	0.8	0.8	3.2	3.3	3.3
Production	136.0	139.3	140.3	0.7	0.6	0.7	2.8	3.1	3.2
Excluding incentive paid occupations ⁽²⁾	136.4	139.8	140.8	0.7	0.6	0.7	2.9	3.2	3.2
Transportation and material moving	143.2	146.9	148.2	0.8	0.8	0.9	3.9	3.5	3.5
Service occupations	140.6	144.3	145.6	1.0	0.8	0.9	3.7	3.7	3.6
Industry and occupational group									
Goods-producing industries⁽³⁾	135.8	138.2	138.9	0.5	0.4	0.5	3.0	2.3	2.3
Excluding incentive paid occupations ⁽²⁾	135.9	138.1	138.8	0.4	0.4	0.5	2.8	2.1	2.1
Management, professional, and related	133.3	135.2	135.6	0.3	0.1	0.3	2.5	1.7	1.7
Sales and office	139.9	142.6	143.4	0.7	0.1	0.6	4.2	2.7	2.5
Natural resources, construction, and maintenance	137.8	139.9	140.7	0.4	0.5	0.6	3.0	1.9	2.1
Production, transportation, and material moving	135.2	138.2	139.2	0.7	0.5	0.7	3.0	3.0	3.0
Construction	137.0	139.7	140.3	0.4	0.4	0.4	3.5	2.4	2.4
Manufacturing	135.3	137.6	138.5	0.6	0.3	0.7	2.8	2.3	2.4
Management, professional, and related	134.4	136.3	136.9	0.4	0.1	0.4	2.5	1.8	1.9
Sales and office occupations	139.9	139.9	140.6	0.8	-0.1	0.5	3.3	0.8	0.5
Natural resources, construction, and maintenance	135.2	138.2	139.4	0.4	0.4	0.9	2.3	2.7	3.1
Production, transportation, and material moving	134.9	137.9	138.9	0.7	0.5	0.7	3.1	3.0	3.0
Aircraft manufacturing	122.3	123.0	123.1	-0.1	0.6	0.1	1.7	0.5	0.7
Service-providing industries⁽⁴⁾	138.7	141.5	142.4	0.4	0.5	0.6	2.6	2.5	2.7
Excluding incentive paid occupations ⁽²⁾	138.8	141.7	142.5	0.4	0.6	0.6	2.6	2.5	2.7
Management, professional, and related	137.3	139.8	140.2	0.3	0.6	0.3	2.2	2.0	2.0
Sales and office	138.7	141.8	143.2	0.2	0.3	1.0	2.7	2.5	3.2
Natural resources, construction, and maintenance	138.2	141.8	142.4	0.6	0.6	0.4	2.0	3.2	3.0
Production, transportation, and material moving	143.8	147.7	149.0	0.8	0.9	0.9	3.7	3.6	3.6
Service occupations	140.6	144.3	145.6	1.0	0.8	0.9	3.7	3.7	3.6
Trade, transportation, and utilities	140.7	143.8	145.1	0.4	0.3	0.9	2.9	2.6	3.1
Excluding incentive paid occupations ⁽²⁾	141.4	144.5	146.0	0.5	0.3	1.0	3.0	2.7	3.3
Wholesale trade	134.9	138.0	138.1	0.1	0.2	0.1	1.4	2.4	2.4
Excluding incentive paid occupations ⁽²⁾	139.0	141.2	142.1	0.6	0.1	0.6	2.7	2.2	2.2
Retail trade	141.7	144.7	146.7	0.6	0.3	1.4	3.2	2.7	3.5
Excluding incentive paid occupations ⁽²⁾	140.2	143.8	145.8	0.5	0.3	1.4	2.9	3.1	4.0
Transportation and warehousing	144.8	148.2	149.6	0.7	0.5	0.9	3.9	3.1	3.3
Utilities	150.4	153.3	154.0	0.3	0.1	0.5	3.7	2.3	2.4
Information	135.7	139.0	139.9	0.3	0.4	0.6	1.0	2.7	3.1
Financial activities	138.2	141.2	141.4	0.1	0.2	0.1	3.0	2.3	2.3
Excluding incentive paid occupations ⁽²⁾	138.4	141.5	141.5	0.3	0.5	0.0	2.7	2.5	2.2

Footnotes

(1) Includes wages, salaries, and employer costs for employee benefits.

(2) The index for this series is not strictly comparable with other series in this table.

(3) Includes mining, construction, and manufacturing.

(4) Includes the following industries: wholesale trade; retail trade; transportation and warehousing; utilities; information; finance and insurance; real estate and rental and leasing; professional and technical services; management of companies and enterprises; administrative and waste services; educational services; health care and social assistance; arts, entertainment and recreation; accommodation and food services; and other services, except public administration.

SOURCE: U.S. Bureau of Labor Statistics, National Compensation Survey