

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 / 5061185/376

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 India Pvt. Ltd. in Foreign Currency (2 copies) - Reg.

Ref: 1. Our Letter no. Ref: SMEC/ CMWSSB / 5061185/175, dated 05.10.2020
2. Our Letter no. Ref: SMEC/ CMWSSB / 5061185/086, dated 19.06.2020
3. Our Letter no. Ref: SMEC/ CMWSSB / 7061563/005, dated 20.01.2020
4. Your Letter no. Lr.no.CMWSSB/SE(Desal)/400 MLD Plant / PMC/2020, dated 13.01.2020
5. 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.5, dated 09.01.2020 for the subject project, please find enclosed the two (2) copies of invoices for the **June 2021 for SMEC India Pvt Ltd. in Foreign Currency**. The details of invoice for **June 2021** for SMEC India Pvt. Ltd. in Foreign Currency is furnished below:

Sl. No.	Description	Invoice No. & Date	Currency
1	Invoice for the June 2021 for SMEC India Pvt. Ltd. in Foreign Currency	7061563/2122/05F & 09.07.2021	USD 3,125.37

We request you to kindly consider the Lower Deduction of TDS @ 7% and Retention Amount @ 5% for the monthly invoice. We request you to kindly release the payment at the earliest.

Thanking you assuring our services at all times.

Yours truly,

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

S.Srinivasarao

Authorised Signatory
SMEC India Pvt. Ltd.

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

PMC Chennai Office Address:

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

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

SMEC INDIA PRIVATE LIMITED

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	Yes
17	Asset Register/Stock Register	N/A
18	Lower Deduction of Tax Certificate	Yes
19	Price Escalation for 2 nd Year Acknowledgment Copy	Yes

N/A : Not Applicable





Member of the Surlana Jurong Group
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 India Pvt. Ltd
Purvankara Primus, 13th Floor
No. 236, OMR, Okkiyampet
Thuraiyakkam, Chennai - 097.
SAC Code - 998335
GSTIN- 33AABCS5267K2Z5
PAN-AABCS5267K

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

BILL OF SUPPLY

Invoice Date: 09.07.2021

Project No: 7061563

Invoice No: 7061563/2122/05F

Client Ref. No.: 7061563/21-22/17

L/C Information

L/C No. IDP267YC02 Date of Issue 19-Jun-2020 for USD 869,642
Contract No. CNT/CON/DESAL/ICB/GOI/016/2018-19 DATED 09.01.2020
LETTER OF AUTHORITY NO. AAAD/DISB.II/IDP-267A/LA-942 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 INVOICES	LIFE TO DATE
A	B	C		D	E	F
I.	REMUNERATION	8,69,642.00	8,79,079.51	3,125.37	1,37,992.51	1,41,117.88
II.	REIMBURSABLES	Nil	Nil	-	-	-
TOTAL VALUE				3,125.37	1,37,992.51	1,41,117.88
TOTAL INVOICE AMOUNT				3,125.37		
RETENTION AMOUNT				-		
GRAND TOTAL				3,125.37	1,37,992.51	1,41,117.88

(USD Three Thousand One Hundred Twenty-Five Dollars and Thirty-Seven Cents Only)

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

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

SMEC India Pvt. Ltd. is registered as MSME under MSMED Act, 2006 vide UDYAM Registration No- UDYAM-HR-05-0000760.

Any payment beyond 45 days will attract payment of interest on delayed payment at three times of the bank rate notified by the RBI

* **TAX TO BE DEDUCTED AS PER CERTIFICATE NO.1AA0721AMR & TDS rate 7%**

For SMEC India Pvt. Ltd.

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

PROJECT MANAGER

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

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. 7061563/2122/05F

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 India Private Limited
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. IDP267YC02, Date of Issue: 19-Jun-2020 for USD 869,642
4.	Letter of Authority No	: AAAD/DISB.II/IDP-267A/LA-942 Dt 10.06.2020
5.	Description of goods and services accomplished	: Consultancy Services
6.	Claimed amount	: USD 3,125.37
7.	Accumulated amount already paid / Claimed	: USD 1,37,992.51
8.	Total amount (6+7)	: USD 1,41,117.88

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

i).	Account Number	: 3000036204
ii).	Account Holder's Name	: SMEC India Pvt.Ltd.
iii).	Name of the Bank	: Australia and New Zealand Banking Group Ltd.
	Full Address of the Bank	: Cnergy, Unit No. A, 6 th Floor, Appa Saheb Marathe Marg, Prabhadevi, Mumbai – 400 025
iv).	RTGS/NEFT	: ANZB0000001

Yours sincerely,

Authorized Signatory

For SMEC India Private Limited

PMC Chennai Office Address:

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

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

On CMWSSB Letterhead

No.

Date: / /

From

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

To

SMEC India Private Limited,
Purvankara Primus, 13th Floor,
No. 236, OMR, Okkiyampet
Thuraiyakkam, Chennai – 600 097,

Sub : STATEMENT OF PERFORMANCE

Ref : Letter of Authority No : AAAD/DISB.II/IDP-267A/LA-942 Dt 10.06.2020
Issued by : Government of India, Ministry of Finance,
Department of Economic Affairs, New Delhi, India.
Beneficiary : SMEC India Pvt.Ltd.
L/C No. : IDP267YC02, Date of Issue: 19-Jun-2020 for USD 869,642
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 India Pvt. Ltd., to receive the sum of 3,125.37/- (Three Thousand One Hundred Twenty-Five Dollars and Thirty-Seven Cents Only) from the Japan International Cooperation Agency (JICA) as the USD payment of the Invoice No. 7061563/2122/05F 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)
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 India Pvt. Ltd., Haryana												
Contract Value				:	INR 57,55,55,630 and USD 9,411,963 (Including Contingencies @ 5% and Provisional Sums)												
Contract Period				:	89 Months												
Project Code Number				:	7061563												
Date of Commencement of work				:	20th January, 2020												
Participation Value for				:	INR 11,10,20,600 and USD 869,642 (Excluding Contingencies @ 5% and Provisional Sums)												
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																	
Reference to schedule	Description of Work			Contract Quantity as per Agreement	Unit	Allocated Quantity	Cost per Month	Allocated/Participati on Amount	Price adj factor for 2nd Yr (From Feb' 21 to Jan'22)	Revised Cost	Utilised Allocated/ Participatio n Amount (From Jan'20 to Jan'21)	Utilised Allocated/ Participatio n Amount (From Jan'20 to Jan'21)	Unutilised Qty (From Feb'2021 to end of the project)	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)	Total Allocated/ Participation Amount
							USD	USD						USD		USD	USD
A	Remuneration																
1	Remuneration for Professional (International Experts) NON-KEY INTERNATIONAL																
	Name of the Expert	IE/LE	Position														
1	Dr.D.Elancherian	Non Key / IE	Civil and Structure Engineer (Desal)	42	M	42	10,895	4,57,590	1.02	11,112.90	5.43	59,159.85	12.00	1,33,354.80	24.57	2,67,690.15	4,60,204.80
2	Ashish Gosain	Non Key / IE	Monitoring and Control Expert (Distribution)	12	M	12	7,704	92,448	1.02	7,858.08	-	-	12.00	94,296.96	-	-	94,296.96
3	Ganesh Venkataraman (Replaced for J.Shanmuganathan)	Non Key / IE	Specification Specialist (Desal)	4	M	4	7,264	29,056	1.02	7,409.28	1.81	13,147.84	2.19	16,226.32	-	-	29,374.16
4	Hemant Chadha	Non Key / IE	Financial Expert	3	M	3	12,106	36,318	1.02	12,348.12	1.59	19,248.54	1.41	17,410.85	-	-	36,659.39
5	Santhosh Kumar	Non Key / IE	Commissioning Engineer	10	M	10	10,015	1,00,150	1.02	10,215.30	-	-	10.00	1,02,153.00	-	-	1,02,153.00
6	Rajesh Mishra	Non Key / IE	Social Communication Specialist	16	M	16	9,630	1,54,080	1.02	9,822.60	0.82	7,896.60	12.00	1,17,871.20	3.18	30,623.40	1,56,391.20
	Amount, Total							8,69,642				99,452.83		4,81,313.13		2,98,313.55	8,79,079.51



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 Lts, Navi Mumbai, M/s.SMEC India Pvt Ltd, Haryana.

Bill claimed for M/s.SMEC India Pvt Ltd, Haryana (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

		Index as per Bureau for Labour Statistics US Department of Labour as on December 2019	137.5
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 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 USD	Price adj factor for 2nd Yr (From Feb' 21 to Jan'22)	Revised Cost (USD)	per	Value of work done	
						Previo us	Previous for Price Adj. Fac. 2nd Year (Feb'21 to May'21)	Since	Total					Upto date Certificate	Since last Certificate
														USD	USD
A	Remuneration														
1	Remuneration for Professional (International Experts)														
	Dr.D.Elancherian	Non Key / IE	Civil and Structure Engineer (Desal)	42	MM	5.43	0.91	-	6.34	10,895.00	1.02	11,112.90	Each	69,262.49	-
	Ashish Gosain	Non Key / IE	Monitoring and Control Expert (Distribution)	12	MM	-	-	-	-	7,704.00	1.02	7,858.08	Each	-	-
	Ganesh Venkataraman (Replaced for J.Shanmuganathan)	Non Key / IE	Specification Specialist (Desal)	4	MM	1.81	0.82	-	2.63	7,264.00	1.02	7,409.28	Each	19,209.98	-
	Hemant Chadha	Non Key / IE	Financial Expert	3	MM	1.59	0.73	-	2.32	12,106.00	1.02	12,348.12	Each	28,228.99	-
	Santhosh Kumar	Non Key / IE	Commissioning Engineer	10	MM	-	-	-	-	10,015.00	1.02	10,215.30	Each	-	-
	Rajesh Mishra	Non Key / IE	Social Communication Specialist	16	MM	0.82	1.36	0.32	2.50	9,630.00	1.02	9,822.60	Each	24,416.43	3,125.37
	Amount to be paid													1,41,117.88	3,125.37
	(USD Three Thousand One Hundred Twenty-Five Dollars and Thirty-Seven Cents Only)														



NON-KEY INTERNATIONAL STAFF REMUNERATION EXPENSES

Sr.No	Name	Position	Total No. of Staff Man Months	Rate per Month (USD) (1st Year)	Revised Price adj Factor for 2nd year Rate per Month (USD)	Total Amount in USD	Man Month Claimed for June'2021	Total Amount Claim for - June'2021 (USD)
Non Key International								
1	Dr.D.Elancherian	Civil and Structure Engineer (Desal)	42	10,895	11,112.90	4,60,204.80	-	-
2	Ashish Gosain	Monitoring and Control Expert (Distribution)	12	7,704	7,858.08	94,296.96	-	-
3	Ganesh Venkataraman (Replaced for J.Shanmuganathan)	Specification Specialist (Desal)	4	7,264	7,409.28	29,374.16	-	-
4	Hemant Chadha	Financial Expert	3	12,106	12,348.12	36,659.39	-	-
5	Santhosh Kumar	Commissioning Engineer	10	10,015	10,215.30	1,02,153.00	-	-
6	Rajesh Mishra	Social Communication Specialist	16	9,630	9,822.60	1,56,391.20	0.32	3,125.37
						8,79,079.51		3,125.37


 Authorized Signatory

NON KEY INTERNATIONAL STAFF MAN MONTHS DETAILS - ABSTRACT																							
Sr.No	Name	Position	Total Staff Man Months	Man months claimed details																		Total Staff Man Months Utilised	Balance Man Months
Non Key International				Jan'20	Feb'20	Mar'20	Apr'20	May'20	Jun'20	Jul'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.D.Elancherian	Civil and Structure Engineer (Desal)	42	0.45	0.86	1.00	0.09	-	-	-	-	-	0.45	0.95	0.95	0.68	0.86	0.05	-	-	-	6.34	35.66
2	Ashish Gosain	Monitoring and Control Expert (Distribution)	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
3	Ganesh Venkataraman (Replaced for J.Shanmuganathan)	Specification Specialist (Desal)	4	-	-	-	-	-	-	-	-	-	-	0.36	0.77	0.68	0.23	0.55	0.05	-	-	2.63	1.37
4	Hemanth Chadda	Financial Expert	3	-	-	-	-	-	-	0.18	0.14	0.14	0.36	0.23	0.18	0.36	0.50	0.14	0.09	-	-	2.32	0.68
5	Santhosh Kumar	Commissioning Engineer	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
6	Rajesh Mishra	Social Communication Specialist	16	-	-	-	-	-	-	-	-	-	0.68	0.14	-	-	0.91	0.45	-	-	0.92	2.50	13.50

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
Non 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.D Elancherian	Civil and Structure Engineer (Desal)																																0.00
2	Ashish Gosain	Monitoring and Control Expert (Distribution)																																0.00
3	Ganesh Venkataraman (Replaced for J.Shanmuganathan)	Specification Specialist (Desal)																																0.00
4	Hemant Chadha	Financial Expert																																0.00
5	Santhosh Kumar	Commissioning Engineer																																0.00
6	Rajesh Mishra	Social Communication Specialist			P	P																			P	P	P			P	P		7	0.32

P - Present

T - Travel

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

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

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

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

PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

Consortium Partners

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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

PMC Chennai Office Address:

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

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

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