



L&T – IHI CONSORTIUM

CONTRACT AGREEMENT

between

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

and

L&T-IHI CONSORTIUM

**(M/s LARSEN & TOUBRO LIMITED & M/s IHI INFRASTRUCTURE
SYSTEMS CO. Ltd.)**

MUMBAI TRANS HARBOUR LINK PROJECT (MTHL)

PACKAGE-1

“Procurement of Mumbai Trans Harbour Link Project (Package-1), Construction of a 10.380 km Long Bridge Section (CH 0+000 – CH 10+380) across the Mumbai Bay including Sewri Interchange”

(JICA LOAN: Mumbai Trans-Harbour Link Project (I) ID-P255)

MADE ON 26TH DECEMBER 2017

VOLUME - XVI of XVII

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Package-1 L&T- IHI Consortium

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PRICE BID
COPY 1

TENDER SUBMISSION
TO



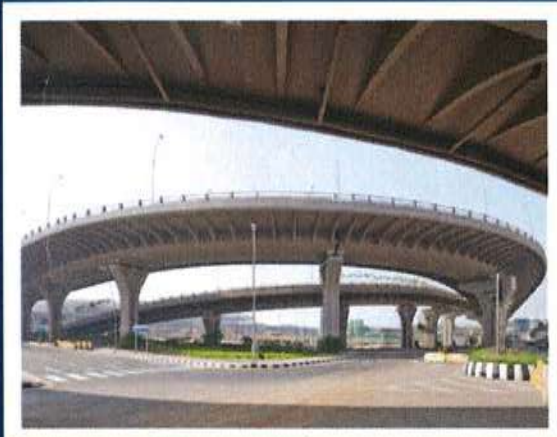
MMRDA

Package-1 (Construction of a
10.380 km long bridge
section (CH 0+000– CH
10+380) across the Mumbai
Bay and Sewri Interchange of
Mumbai Trans Harbour Link
Project

IFB No.:
MMRDA/ENG1/000752



July 2017



12

SL 9278

- NA -



— NA —



9280

- NA -



L&T-IHI CONSORTIUM

Letter of Price Bid

Date: 17.07.2017

Loan Agreement No.: Mumbai Trans-Harbour Link Project (I) ID-P255

IFB No.: MMRDA/ENG1/000752

To: Mumbai Metropolitan Region Development Authority

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents for Package- 1 of the Mumbai Trans Harbour Link Project (hereinafter called "the Project"), including the following Addenda issued in accordance with Instructions to Bidders (ITB 8):

- Addendum No. 1, Dated 22nd May, 2017
- Addendum No. 2, Dated 1st June, 2017
- Addendum No. 3, Dated 21st June, 2017
- Addendum No. 4, Dated 21st June, 2017
- Addendum No. 5, Dated 7th July, 2017

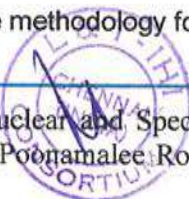
- (b) We offer to design, supply, manufacture/fabricate, transport, deliver, construct, install/erect, test, commission and complete the Works of Package-1 of the Project, in strict conformity with the Bidding Documents, if the Contract is awarded to us. The work includes the Sewri Interchange on land on Mumbai side and the adjoining 9.885 km (CH 0+495 km to CH 10+380 km) bridge above sea/creek having typical width of carriageway of approximately 14 m for each way,

- (c) The total price of our bid ("Bid Price" set forth in ITB 18.1), excluding any discounts offered in item (d) below is: *INR. 53,148,814,703.419. (Indian Rupees fifty three billion one hundred forty eight million eight hundred fourteen thousand seven hundred three and paise forty two only) + (P.Us) \$ 263,463,262. (US Dollars two hundred sixty three million four hundred sixty three thousand two hundred sixty two only) + (P.Us) ¥ 10,036,370,798. (Japanese yen ten billion thirty six million three hundred seventy thousand seven hundred ninety eight only) + (Plus) € 6,152,336.- (Euro's six million one hundred fifty two thousand three hundred thirty six only)*

- (d) The discounts offered and the methodology for their application are as follows:

Address: L&T-IHI Consortium, Nuclear and Special Bridges BU, L&T Construction, C/O Larsen & Toubro Limited, Mount Poonamallee Road, Manapakkam, P.B.N. 979, Chennai 600089 Tamil Nadu, India

PH : +91-44-3319 2905, Fax: +91-44-3319 2950



— NA —



L&T-IHI CONSORTIUM

The discounts offered are shown below: *- NIL -*
[specify in detail each of the discounts that the Bidder offers, including the discounts offered by the Bidder for each or both of Package-1 and Package-3 when he is to be awarded both Package-1 and Package-3.]

The exact method of calculations to determine the net price after application of discounts is shown below: *- NIL -*
[specify in detail the method that shall be used to apply the discounts.]

- (e) Our Bid shall be valid for a period of 180 days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) Our acceptance of your proposed method for award decision-making stated in item (e) of the Letter of Technical Bid is valid as well for this Price Proposal.
- (g) If our Bid is accepted, we commit to obtain a Performance Security in accordance with the Bidding Documents;
- (h) We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance shall constitute a binding Contract between us, until a formal Contract is prepared and executed; and
- (i) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

Name of the Bidder:

L&T-IHI Consortium

Name of the person duly authorized to sign the Bid on behalf of the Bidder:

P. Niranjana
P. Niranjana

Title of the person signing the Bid:

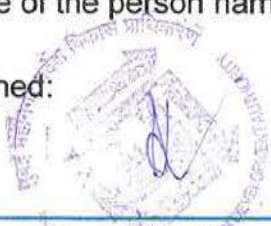
VP & Head-Nuclear & Special Bridges BU



Signature of the person named above:

Date signed:

P. Niranjana
17 day of July, 2017



Address: L&T-IHI Consortium, Nuclear and Special Bridges BU, L&T Construction, C/O Larsen & Toubro Limited, Mount Poonamalee Road, Manapakkam, P.B.N. 979, Chennai – 600089 TamilNadu, India

PH : +91-44-3319 2905, Fax: +91-44-3319 2950

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Table A : Local Currency Portion

(1) Materials on the Site: Steel reinforcing bars (Price Schedule No. 4, Item No. 401, Price Schedule No. 5, Item No. 501, Price Schedule No. 6, Item 601, Price Schedule No. 8, Item 801 and Price Schedule No. 9, Item 901)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.20	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.65	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.00	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.00	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(2) Materials on the Site: Steel liner pipes ((Price Schedule No. 4, Item No. 402 and Price Schedule No. 9, Item No. 902)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.20	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.55	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.05	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(3) Materials on the Site: Structural steel shapes (Price Schedule No. 5, Item No. 502 and Price Schedule No. 7, Item No. 701)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0	Basic Wholesale Price Index Number of cement bags on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0			
Construction machinery	h = 0	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(5) Materials on the Site: Bridge bearings and expansion joints (Price Schedule No. 10, Item Nos. 1001 and 1002)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.30	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.10	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [All Commodities]	g = 0.35	Basic Wholesale Price Index Number of All Commodities on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Construction machinery	h = 0.05	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(6) Materials on the Site: Noise barriers and view barriers (Price Schedule No. 12, Item Nos. 1201 and 1202)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.30	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.45	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.05	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(7) Foundation piles for piers, abutments and dolphins - Construction of foundation piles (Price Schedule No. 4, Item Nos. 403, 405, 407 and 409 and Price Schedule No. 9, Item No. 903)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.30	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.05	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.10	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.40	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(8) Cast-in situ reinforced concrete work for piers, abutments and dolphins (Price Schedule No. 5, Item Nos. 504 – 511, Price Schedule No. 6, Item Nos. 605 - 607 and Price Schedule No. 9, Item No. 905)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.35	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.08	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.12	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.30	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(9) Cast-in situ reinforced concrete work for retaining walls (Price Schedule No. 8, Item No. 802)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.40	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.05	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.35	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(10) Concrete superstructure - Precast prestressed concrete superstructure fabrication work (Price Schedule No. 6, Item No. 603)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.40	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.10	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.10	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.25	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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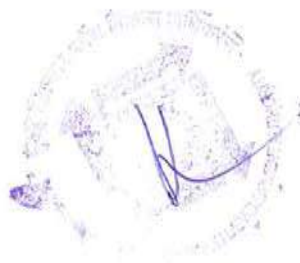


Table A : Local Currency Portion

(11) Concrete superstructure -Precast prestressed concrete superstructure transportation and erection work (Price Schedule No. 6, Item No. 604)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.50	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.10	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.25	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(12) Steel superstructure - Steel superstructure fabrication work (Price Schedule No. 7, Item Nos. 702 and 703)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.65	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.10	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(13) Steel superstructure - Steel superstructure transportation and erection work (Price Schedule No. 7, Item Nos. 704 and 705)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.40	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.10	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.10	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.25	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(15) Dolphins - Fenders (Price Schedule No. 9, Item No. 906)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.35	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.05	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [All Commodities]	g = 0.25	Basic Wholesale Price Index Number of All Commodities on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Construction machinery	h = 0.05	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.

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Table A : Local Currency Portion

(16) Bridge ancillaries - Bridge bearings installation (Price Schedule No. 10, Item No. 1003)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.75	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.00	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(17) Bridge ancillaries - Expansion joints installation (Price Schedule No. 10, Item No. 1004)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.75	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.00	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(18) Bridge ancillaries - Crash barriers (Price Schedule No. 10, Item No. 1005)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.60	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
Cement	d = 0.10	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulleition.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(19) Deck waterproofing (Price Schedule No. 10, Item No. 1006)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.30	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.10	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [All Commodities]	g = 0.25	Basic Wholesale Price Index Number of All Commodities on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Construction machinery	h = 0.15	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(20) Asphalt pavement - Asphalt pavement (Price Schedule No. 11, Item No. 1101)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.35	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bullelion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bullelion.rbi.org.in
Bitumen	e = 0.30	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.15	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bullelion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently . The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(21) Miscellaneous items - Noise barriers and view barriers installation (Price Schedule No. 12, Item Nos. 1203 and 1204)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.70	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.00	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in)
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table A : Local Currency Portion

(22) Miscellaneous items - Safety fences (Price Schedule No. 12, Item No. 1205)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	# - (v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.50	Basic Consumer Price Index Number of industrial worker on the Base Date	Ministry of Labour Bulletin	Ministry of Labour Bulletin at http://www.labourbureau.nic.in
Steel	c = 0.20	Basic Wholesale Price index Number for steel flats on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Cement	d = 0.00	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
Bitumen	e = 0.00	* 1	HPCL or BPCL or IOCL	Ex-refinery price Mumbai during the period involving the Base Date
Fuel/lubricant	f = 0.05	Average market price of high speed diesel (HSD) for Mumbai on the Base Date	Actual Mumbai markets	Actual prevailing Mumbai market price during the period involving the Base Date
Other Materials [specify]	g = 0.00	-	-	-
Construction machinery	h = 0.10	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletion.rbi.org.in
TOTAL	1.00			

- Base Cost index on Base Date is not available currently. The same will be updated once it is published.

*1: Basic rate of bitumen in Rupees per metric ton ex-refinery price including taxes of bitumen grade under consideration prevailing at the Base Date.



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Table B. Foreign Currency Portion

Currency : JPY

(3) Site Super Structure : Surface anti-corrosion coating (Price Schedule No. 7, Item Nos. 706 and 707)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	0.40	Painter(Tokyo)	Construction Price Book / June 2017	JPY / 25,800
Steel	0.00			
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material(Paints)	0.40	Fluorocarbon polymer coating / Final Coating / White (All area in Japan withuot Hokkaido and Okinawa)	Construction Price Book / June 2017	JPY / 3850
Construction Machinery	0.05	50 ton Rough Terrain Crane(Kantou)	Construction Price Book / June 2017	JPY / 95,000
TOTAL	1.00			

Currency : USD

(3) Site Super Structure : Surface anti-corrosion coating (Price Schedule No. 7, Item Nos. 706 and 707)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Nonadjustable	0.15			
Labour	0.40	Wages / Item No.12	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 107.59
Steel	0.00			
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material (Paints)	0.40	Paints / Item No.67	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 108.07
Construction Machinery	0.05	Equipment Rent / Item No.17	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 102.45
TOTAL	1.00			



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Table B. Foreign Currency Portion

Currency : JPY

(3) Materials on the Site: Structural steel shapes (Price Schedule No. 5, Item No. 502 and Price Schedule No. 7, Item No. 701)
Steel superstructure - Steel superstructure fabrication work

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	0.05	Welder(Tokyo)	Construction Price Book / June 2017	JPY / 28,700
Steel	0.74	Steel Plate Thick Plate 12,16,19,20,25mm*standard Length(All area in Japan except Naha area)+(plus) Steel Plate Extra Charge*Extra charge for Material specification SS400	Construction Price Book / June 2017	JPY / 118,000
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material(Bearings)	0.00			
Construction Machinery	0.06	50 ton Rough Terrain Crane	Construction Price Book / June 2017	JPY / 95,000
TOTAL	1.00			

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Currency : USD

(3) Materials on the Site: Structural steel shapes (Price Schedule No. 5, Item No. 502 and Price Schedule No. 7, Item No. 701)
Steel superstructure - Steel superstructure fabrication work

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Nonadjustable	0.15			
Labour	0.65	Wages / Item No.12	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 107.59
Steel	0.05	Metal Products / Item No.21	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 80.75
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material	0.09	Materials / Item No.67	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 96.87
Construction Machinery	0.06	Equipment Rent / Item No.2	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 102.45
TOTAL	1.00			

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Table B. Foreign Currency Portion

Currency : USD

(4) Materials on the Site: Pre-stressing Cable (Price Schedule No .5 Item No. 503 and Price Schedule No.6 Item No. 602)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	b = 0.80	[describe reference item in the data source described in column (iv), e. g. "industrial worker"]	[describe the proposed data source of cost index or reference price shown in column (iv), e. g. "Construction Price Book"]	[insert number/mount of index/price/rate as of the Base Date, and the currency unit where applicable]
Steel	c = 0	Ditto	Ditto	Ditto
Cement	d = 0	Ditto	Ditto	Ditto
Bitumen	e = 0	Ditto	Ditto	Ditto
Fuel/lubricant	f = 0	Ditto	Ditto	Ditto
Other Materials [specify]	g = 0	Ditto	Ditto	Ditto
Construction machinery	h = 0.20	Ditto	Ditto	Ditto
TOTAL	1.00			

No Price Adjustment Applicable



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Table B. Foreign Currency Portion

Currency : JPY

(5) Materials on the Site: Bridge bearings and expansion joints (Price Schedule No. 10, Item Nos. 1001 and 1002)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Non Adjustable	a = 0.15			
Labour	0.00			
Steel	0.05	Steel Plate Thick Plate 2,16,19,20,25mm*standard Length(All area in Japan except Naha area)+(plus) Steel Plate Extra Charge*Extra charge for Material specification SS400	Construction Price Book / June 2017	JPY / 118,000
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material(Bearings)	0.77	BP-B / For Steel Bridge / Galvanized /5000kN (All area in Japan+When purchasing Over 5 Qty's)	Construction Price Book / June 2017	JPY / 3260,000
Construction Machinery	0.03	50 ton Rough Terrain Crane(Kantou)	Construction Price Book / June 2017	JPY / 95,000
TOTAL	1.00			

Currency : USD

(5) Materials on the Site: Bridge bearings and expansion joints (Price Schedule No. 10, Item Nos. 1001 and 1002)

(i) Cost Elements	(ii) Bidder's Proposed Weighting	(iii) Description of Cost Index/Ref. Price	(iv) Source of Cost Index / Ref. Price	(v) Base Cost Index / Ref. Price as on Base Date
Nonadjustable	0.15			
Labour	0.10	Wages / Item No.12	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 107.59
Steel	0.50	Metal Products / Item No.21	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 80.75
Cement	0.00			
Bitumen	0.00			
Fuel/lubricant	0.00			
Other Material	0.15	Materials / Item No.67	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 96.87
Construction Machinery	0.10	Equipment Rent / Item No.17	Construction Cost Indexes , National Statistics of the Directorate-General of Budget, Accounting and Statistics (DGBAS) , Taiwan/ 2011 http://eng.stat.gov.tw/lp.asp?CtNode=1559&CtUnit=713&BaseDSD=7&mp=5	Base Period : 2011:100 / 102.45
TOTAL	1.00			



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Amounts Payable for Respective Price Schedule

Contract Name: Package-1 of the Project (Construction of a 10.38 km long bridge section (CH 0+000 - CH 10+380) across the Mumbai Bay including Sewri Interchange

IFB No: MMRDA/ENG/1/000752

Grand Summary	Limits expected by Employer (% of Accepted Contract Amount)	Percentages proposed by Bidder (% of Bid Price)
Schedule No. 1: General Items	1.8 to 2.2	2.199
Schedule No. 2: Contractor's Documents	1.1 to 1.3	1.295
Schedule No. 3: Temporary Works	7.3 to 8.9	8.891
Schedule No. 4: Construction of Foundation Piles and Pile Caps for Piers and Abutments	13.2 to 16.2	16.180
Schedule No. 5: Construction of Piers and Abutments including Pier Caps	8.9 to 10.9	10.874
Schedule No. 6: Construction of Concrete Superstructure	21.2 to 26.0	23.700
Schedule No. 7: Fabrication and Erection of Steel Superstructure	30.6 to 37.4	30.742
Schedule No. 8: Construction of Earthworks	0.8 to 1.0	0.809
Schedule No. 9: Construction of Dolphins and Fenders	1.5 to 1.9	1.520
Schedule No. 10: Fabrication and Installation of Bridge Ancillaries	1.9 to 2.3	2.008
Schedule No. 11: Construction of Asphalt Pavement	0.6 to 0.8	0.753
Schedule No. 12: Fabrication and Installation of Miscellaneous Items	1.0 to 1.2	1.030
Total		100



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Schedule No. 1: General Items

Item No.	Item Description	Unit	Qty	Amount			Foreign (Euro)
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	
101	Performance Security (Section VII GC Sub-Clause 4.2)	sum	1	257,400,000	-	117,305,521	-
102	Insurance for Works (Section VII GC Sub-Clause 18.2)	sum	1	273,619,125	-	-	-
103	Insurance for Contractor's Equipment (Section VII GC Sub-Clause 18.2)	sum	1	51,626,250	-	-	-
104	Insurance against injury to Persons and Damage to Property (Section VII GC Sub-Clause 18.3)	sum	1	61,951,500	-	-	-
105	Insurance for Contractor's Personnel (Section VII GC Sub-Clause 18.4)	sum	1	Included in overhead costs	Included in overhead costs	Included in overhead costs	Included in overhead costs
106	Insurance for Design Liability (Section VIII, PC Sub-Clause 18.5)	sum	1	108,415,125	-	-	-
107	Automobile Liability Insurance (Section VIII, PC Sub-Clause 18.6)	sum	1	20,650,500	-	-	-
108	Allow for DNP Services (Section VII GC Clause 11)	sum	1	10,000,000	-	28,927,338	-
109	Provision and maintenance of health and safety measures during the Time for Completion (Section VII GC Sub-Clause 6.7)	sum	1	107,115,334	-	-	-
110	Provision (construction) of office facilities with furniture and office equipment for the Employer and unfurnished office for the Engineer/General Consultants (Section VII GC Sub-Clause 6.6)	sum	1	512,536,300	-	-	-
111	Maintenance of above office facilities for the Employer during the Time for Completion (Section VII GC Sub-Clause 6.6)	sum	1	54,000,000	-	-	-
112	Removal/clearing of above office facilities for the Employer and for the Engineer (Section VII GC Sub-Clause 6.6)	sum	1	5,000,000	-	-	-
113	Provision and removal of diversion roads (Section VII GC Sub-Clause 4.15)	sum	1	10,000,000	-	-	-
114	Operation and maintenance of diversion roads during the Time for Completion (Section VII GC Sub-Clause 4.15)	sum	1	5,000,000	-	-	-
115	Clearing from Site and Works after Taking-Over (Section VII GC Sub-Clause 4.23)	sum	1	1,500,000	-	-	-
116	Supply of vehicles, boats, etc. for the Employer (Section VII GC Sub-Clause 6.6)	sum	1	54,000,000	-	-	-
117	Operation and maintenance of above vehicles, boats, etc. for the Employer during the Time for Completion (Section VII GC Sub-Clause 6.6)	sum	1	27,000,000	-	-	-
				1,559,814,134		146,232,859	
Total for Price Schedule No. 1 (To be carried forward to Grand Summary)							



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Schedule No. 2: Contractor's Document

Item No.	Item Description	Unit	Q'ty	Amount				
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)	
201	Technical Design documents of highway and interchange alignments	sum	1	-	1,309,008	-	-	
202	Aesthetic Strategy Report and Desktop Study for Wind Tunnel Test	sum	1	-	13,620	60,470,301	215,332	
203	Technical Design documents of earthwork	sum	1	-	71,304	-	-	
204	Technical Design documents of foundation	sum	1	-	294,829	-	-	
205	Technical Design documents of substructure	sum	1	-	919,737	-	-	
206	Technical Design documents of superstructure (concrete)	sum	1	-	2,335,395	-	-	
207	Technical Design documents of superstructure (steel)	sum	1	959,139	1,280,261	73,908,145	2,368,649	
208	Technical Design documents of dolphins and fenders	sum	1	-	116,169	-	-	
209	Technical Design documents of pavement	sum	1	-	57,684	-	-	
210	Technical Design documents of bridge ancillaries	sum	1	213,143	769,118	22,396,408	215,332	
211	Construction Design documents of earthwork	sum	1	-	8,012	-	-	
212	Construction Design documents of foundation	sum	1	-	32,848	-	-	
213	Construction Design documents of substructure	sum	1	-	102,550	-	-	
214	Construction Design documents of superstructure (concrete)	sum	1	-	259,578	-	-	
215	Construction Design documents of superstructure (steel)	sum	1	959,139	142,608	67,189,223	1,507,322	
216	Construction Design documents of dolphins	sum	1	-	12,819	-	-	
217	Construction Design documents of pavement	sum	1	-	6,410	-	-	
218	Construction Design documents of bridge ancillaries	sum	1	-	85,725	-	-	
219	Preparation and supply of as-built documents (GC Sub-Clause 5.6)	sum	1	-	350,910	-	-	
220	Preparation and supply of Maintenance Manual (Section VII GC Sub-Clause 5.7)	sum	1	-	-	-	-	
221	Submission of samples (GC Sub-Clause 7.2)	sum	1	-	-	-	-	
222	Tests	sum	1	-	-	-	-	
Total for Price Schedule No. 2				2,131,421	8,168,585	223,964,077	4,306,635	
<i>(To be carried forward to Grand Summary)</i>								



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Schedule No. 3: Temporary Works

Item No.	Item Description	Unit	Q'ty	Amount		
				Local (Ind. Rs)	Foreign (US\$)	Foreign (Euro)
301	Construction of temporary jetties including materials	sum	1	5,253,863,390	4,946,501	-
302	Casting yards preparation, maintenance and clearing after Contract completion	sum	1	350,652,983	7,766,532	-
303	Removal of temporary jetties	sum	1	167,454,524	-	-
304	Salvage value to Contractor (negative cost)	sum	1	41,863,631	-	-
305	Removal of casting yards	sum	1	14,764,337	-	-
306	Clearing of casting yards	sum	1	3,691,085	-	-
Total for Price Schedule No. 3				5,832,289,950	12,713,033	-
<i>(To be carried forward to Grand Summary)</i>						

Item No	Material/Description	Code	Country of Origin
301	Equipments for Temporary Bridge Piling Works	Not Applicable	Germany/ South Korea/India
302	Casting Yard Equipments	Not Applicable	Italy
301-306	Basic Materials for the Works	IS Code	India



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Schedule No. 4: Construction of Foundation Piles and Pile Caps for Pier and Abutments

Item No.	Item Description	Unit	Q'ty	Amount			
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
401	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): steel reinforcing bars	sum	1	649,602,455	-	-	-
402	Ditto: steel liner pipes	sum	1	1,163,781,240	-	-	-
403	Construction of open foundation/Spread foundation/Raft foundation or bridge pier foundation piles and pile caps including geotechnical investigation	sum	1	9,175,608,453	13,549,081	-	-
404	Loading tests and test reports on bridge pier foundation piles	sum	1	150,000,000	-	-	-
405	Construction of abutment foundation piles including geotechnical investigation	sum	1	10,000,000	-	-	-
406	Loading tests and test reports on abutment foundation piles	sum	1	1,000,000	-	-	-
407	Construction of electrical platform pier foundation piles including geotechnical investigation	sum	1	39,860,557	-	-	-
408	Loading tests and test reports on electrical platform pier foundation piles	sum	1	500,000	-	-	-
409	Construction of emergency rescue station platform pier foundation piles including geotechnical investigation	sum	1	39,860,557	-	-	-
410	Loading tests and test reports on emergency rescue station platform pier foundation piles	sum	1	500,000	-	-	-
Total for Price Schedule No. 4				11,230,713,262	13,549,081		
<i>(To be carried forward to Grand Summary)</i>							

Item No	Material/Description	Code	Country of Origin
401	Steel Reinforcing Bars	IS Code	India/China
402	Pile Liners	IS Code	India/China
403	Equipments for Piling Works	as per requirement	Germany/ South Korea/India
404-410	Basic Materials for the Works	IS Code	India



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Schedule No. 5: Construction of Pier and Abutments including Pier Caps

Item No.	Item Description	Unit	Q'ty	Amount			
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
501	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): steel reinforcing bars	sum	1	698,966,849	-	-	-
502	Ditto: structural steel shapes	sum	1	236,473,600	-	-	-
503	Ditto: pre-stressing cables	sum	1	1,000,000	-	-	-
504	Construction of cast-in-situ concrete bridge pier caps	sum	1	366,741,642	-	-	-
505	Construction of cast-in-situ concrete abutment caps	sum	1	4,086,019	-	-	-
506	Construction of cast-in-situ concrete electrical platform pier caps	sum	1	8,172,037	-	-	-
507	Construction of cast-in-situ concrete emergency rescue station platform pier caps	sum	1	8,172,037	-	-	-
508	Construction of cast-in-situ concrete bridge pier and pier caps	sum	1	6,770,480,653	-	-	-
509	Construction of cast-in-situ concrete abutment structures	sum	1	8,172,037	-	-	-
510	Construction of cast-in-situ concrete electrical platform piers and pier caps	sum	1	9,749,903	-	-	-
511	Construction of cast-in-situ concrete emergency rescue station platform piers and pier caps	sum	1	9,749,903	-	-	-
512	Construction of earthwork (backfill, compaction, etc.) and other works for abutments	sum	1	12,258,055	-	-	-
Total for Price Schedule No. 5				8,134,022,735	-	-	-

(To be carried forward to Grand Summary)

Item No	Material/Description	Code	Country of Origin
501	Steel Reinforcing Bars	IS Code	India/China
502	Structural Steel Shapes	IS Code	India/China
503	Prestressing Cables	IS Code/ASTM	India/Japan
504-511	Basic Materials for the Works	IS Code	India



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Schedule No. 6: Construction of Concrete Superstructure

Item No.	Item Description	Unit	Q'ty	Amount		
				Local (Ind. Rs)	Foreign (US\$)	Foreign (Euro)
601	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): steel reinforcing bars	sum	1	1,106,359,000	-	-
602	Ditto: pre-stressing cables	sum	1	-	58,810,069	-
603	Fabrication of precast concrete structural elements for bridges	sum	1	5,996,293,907	-	-
604	Transportation and erection of precast concrete structural elements for bridges	sum	1	6,625,326,003	-	-
605	Construction of cast-in-situ concrete bridge structures	sum	1	188,238,723	-	-
606	Construction of cast-in-situ concrete electrical platform structures	sum	1	12,549,249	-	-
607	Construction of cast-in-situ/precast concrete emergency rescue station structures	sum	1	12,549,249	-	-
Total for Price Schedule No. 6				13,941,316,731	58,810,069	-

(To be carried forward to Grand Summary)

Item No	Material/Description	Code	Country of Origin
601	Steel Reinforcing Bars	IS Code	India/China
602	Prestressing Cables	IS Code/ASTM	India/Japan/China
603	Equipments and Moulds for Precasting Works	Not Applicable	Italy/India
605-607	Basic Materials for the Works	IS Code	India



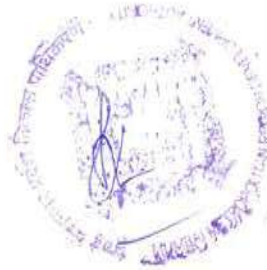
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Schedule No. 7: Fabrication and Erection of Steel Superstructure

Item No.	Item Description	Unit	Qty	Local (Ind. Rs)	Amount		
					Foreign (US\$)	Foreign (J Yen)	Foreign (Euro)
701	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): structural steel materials	sum	1	1,000,000,000	-	-	-
702	Fabrication of steel structural elements for bridges	sum	1	4,401,261,062	124,871,730	9,134,959,716	1,845,701
703	Fabrication of steel structural elements for others	sum	1	-	-	-	-
704	Transportation to and erection at the Site of fabricated steel structural elements for bridges	sum	1	1,354,314,658,419	27,146,068	-	-
705	Transportation to and erection at the Site of fabricated steel structural elements for others	sum	1	-	-	-	-
706	Surface anti-corrosion coating of erected steel structure for bridges	sum	1	-	15,889,411	-	-
707	Surface anti-corrosion coating of erected steel structure for others	sum	1	-	-	-	-
				6,755,575,720,419	167,907,209	9,134,959,716	1,845,701
Total for Price Schedule No. 7 (To be carried forward to Grand Summary)							

Item No.	Material/Description	Code	Country of Origin
702	Equipments and Materials for Fabrication Works	as per applicable code	Japan/India
702	Equipments and Materials for Transportation & Erection Works	as per applicable code	India/Japan
706	Paint Material	as per applicable code	Japan/India



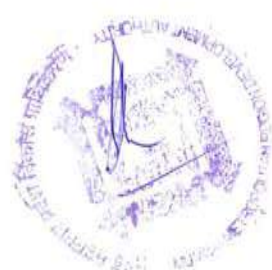
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Schedule No. 8: Construction of Earthworks

Item No.	Item Description	Unit	Q'ty	Amount			
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
801	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): steel reinforcing bars for retaining walls, etc.	sum	1	243,385,200	-	-	-
802	Construction of reinforced concrete retaining walls	sum	1	90,552,000	-	-	-
803	Construction of earthwork (fill, compaction, etc.)	sum	1	270,832,950	-	-	-
Total for Price Schedule No. 8				604,770,150	-	-	-
<i>(To be carried forward to Grand Summary)</i>							

Item No	Material/Description	Code	Country of Origin
801	Steel Reinforcing Bars	IS Code	India/China
802-803	Basic Materials for the Works	IS Code	India



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Schedule No. 9: Construction of Dolphins and Fenders

Item No.	Item Description	Unit	Q'ty	Amount		
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)
901	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): steel reinforcing bars	sum	1	-	-	-
902	Ditto: steel liner pipes	sum	1	-	-	-
903	Construction of dolphin foundation piles including geotechnical investigation	sum	1	-	-	-
904	Loading tests and test reports on dolphin foundation piles	sum	1	-	-	-
905	Construction of concrete structure	sum	1	-	-	-
906	Fenders including Materials	sum	1	1,137,000,000	-	-
Total for Price Schedule No. 9				1,137,000,000	-	-
<i>(To be carried forward to Grand Summary)</i>						

Item No	Material/Description	Code	Country of Origin
901	Steel Reinforcing Bars	IS Code	India/China
902	Pile Liners	IS Code	India/China
903	Equipments for Piling Works	as per requirement	Germany/ South Korea/India
906	Fender Material	as per applicable codes	India



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Schedule No. 10: Fabrication and Installation of Bridge Ancillaries

Item No.	Item Description	Unit	Q'ty	Amount			
				Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
1001	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (i)): bridge bearings (shoes)	sum	1	540,494,903	15,285	531,214,146	-
1002	Ditto: expansion joints	sum	1	144,022,590	-	-	-
1003	Installation of bridge bearings (shoes)	sum	1	60,054,990	-	-	-
1004	Installation of expansion joints	sum	1	16,002,510	-	-	-
1005	Crash barriers including Materials	sum	1	254,165,152	-	-	-
1006	Deck waterproofing including Materials	sum	1	178,021,935	-	-	-
Total for Price Schedule No. 10							
<i>(To be carried forward to Grand Summary)</i>					1,192,762,080	531,214,146	-

Item No	Material/Description	Code	Country of Origin
1001	Bridge Bearings for Concrete Bridge	IS Codes	India/ South Korea/ Italy
1001	Bridge Bearings for Steel Bridge	JIS Codes	Japan/ India
1005	Equipment and Materials for Crash Barrier	as per applicable IS code	India



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Schedule No. 11: Construction of Asphalt Pavement

Item No.	Item Description	Unit	Qty	Local (Ind. Rs)	Amount		
					Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
1101	Asphalt pavement including Materials	sum	1	563,046,120	-	-	-
<i>Total for Price Schedule No. 11 (To be carried forward to Grand Summary)</i>				563,046,120	-	-	-

Item No	Material/Description	Code	Country of Origin
1101	Equipment and Materials for Asphalt Works	as per applicable code	India/UK



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Schedule No. 12: Fabrication and Installation of Miscellaneous Items

Item No.	Item Description	Unit	Q'ty	Local (Ind. Rs)	Amount		
					Foreign (US\$)	Foreign (J. Yen)	Foreign (Euro)
1201	Materials on the Site (refer to GC Sub-Clause 14.5 (c) (f)): noise barriers	sum	1	338,421,312	-	-	-
1202	Ditto: view barriers	sum	1	231,420,456	-	-	-
1203	Installation of noise barriers	sum	1	22,119,040	-	-	-
1204	Installation of view barriers	sum	1	15,125,520	-	-	-
1205	Safety fences including Materials	sum	1	7,055,730	-	-	-
1206	Drainage facility including Materials	sum	1	86,294,834	-	-	-
1207	Kerbs including Materials			-	-	-	-
1208	Road furniture including Materials	sum	1	10,000,000	-	-	-
1209	Pavement marking including Materials	sum	1	9,936,108	-	-	-
1210	Road signage including Materials	sum	1	10,000,000	-	-	-
1211	Gantry/overhang (cantilever)-type signage support structures including Materials	sum	1	10,000,000	-	-	-
1212	Median openings including Materials	sum	1	20,000,000	-	-	-
1213	Traffic signals including Materials and testing	sum	1	10,000,000	-	-	-
1214	Restoration of removed items	sum	1	-	-	-	-
1215	Other miscellaneous items including Materials and testing as required	sum	1	-	-	-	-
				Total for Price Schedule No. 12			
				770,373,000			
(To be carried forward to Grand Summary)							

Item No	Material/Description	Code	Country of Origin
1201	Noise Barriers	IS Codes	India
1202	View Barriers	IS Codes	India
1205	Safety Fences	IS Codes	India
1206-1213	Material and Installation	IS Codes	India



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Schedule No. 13: Provisional Sums

Item No.	Item Description	Amount	
		Local (Ind. Rs)	Foreign (US\$)
1301	Factory/Shop Inspection Trips	10,000,000	600,000
1302	Underwater Utility Survey and Mapping	5,000,000	-
1303	Tree-cutting/Transplanting/Clearing	30,000,000	-
1304	Additional Environmental Mitigation Measures	100,000,000	200,000
1305	Bridge illumination and navigational Guidance System	200,000,000	50,000
1306	Landscaping/Beautification	100,000,000	-
1307	Additional Safety and Security Measures	150,000,000	-
1308	Utility Shifting/Relocation on Land Section	50,000,000	-
1309	Additional Tests during completion and or after Completion	50,000,000	800,000
1310	Seminars/Workshops	20,000,000	300,000
1311	Dispute Board Cost and Expense*	20,000,000	200,000
1312	Additional Progress Recording	20,000,000	-
1313	Dayworks	50,000,000	-
1314	Public relations, awareness programs, exhibition rooms, etc.	200,000,000	150,000
1315	Pedestrian Facilities	200,000,000	
1316	Firefighting arrangements	100,000,000	
1317	De-humidification arrangements	100,000,000	
1318	Underpinning &/other protection measures	20,000,000	
Total for Price Schedule No. 13		1,425,000,000	2,300,000
(To be carried forward to Grand Summary)			

Provisional Sums included and so designated in the Price Schedules shall be expended in whole or in part at the direction of the Engineer, except for the provisional sum for the cost of the DB, which requires no prior instruction of the Engineer, in accordance with Sub-Clauses 13.5 and 13.6 of the General Conditions.



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Grand Summary

Contract Name: Package-1 of the Project (Construction of a 10.38 km long bridge section (CH 0+000 - CH 10+380) across the Mumbai Bay including Sewri Interchange

IFB No: **MMRDA/ENG1/000752**

Grand Summary	Amount			Foreign (Euro)
	Local (Ind. Rs)	Foreign (US\$)	Foreign (J. Yen)	
Schedule No. 1: General Items	1,559,814,134	-	146,232,859	-
Schedule No. 2: Contractor's Documents	2,131,421	8,168,585	223,964,077	4,306,635
Schedule No. 3: Temporary Works	5,832,289,950	12,713,033	-	-
Schedule No. 4: Construction of Foundation Piles and Pile Caps for Piers and Abutments	11,230,713,262	13,549,081	-	-
Schedule No. 5: Construction of Piers and Abutments including Pier Caps ✓	8,134,022,735	-	-	-
Schedule No. 6: Construction of Concrete Superstructure ✓	13,941,316,131	58,810,069	-	-
Schedule No. 7: Fabrication and Erection of Steel Superstructure	6,755,575,720,4190	167,907,209	9,134,959,716	1,845,701
Schedule No. 8: Construction of Earthworks	604,770,150	-	-	-
Schedule No. 9: Construction of Dolphins and Fenders ✓	1,137,000,000	-	-	-
Schedule No. 10: Fabrication and Installation of Bridge Ancillaries	1,192,762,080	15,285	531,214,146	-
Schedule No. 11: Construction of Asphalt Pavement ✓	563,046,120	-	-	-
Schedule No. 12: Fabrication and Installation of Miscellaneous Items	770,373,000	-	-	-
Subtotal of Schedules No. 1 - No. 12: (A)	51,723,814,703.4190	261,163,262	10,036,370,798	6,152,336
Schedule No. 13: Provisional Sums: (B)	1,425,000,000.0	2,300,000.0	-	-
Bid Price: (C=A + B) (Carried forward to Form of Price Bid)	53,148,814,703.4	263,463,262.0	10,036,370,798	6,152,336



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Proposed Schedule of Rates for Variation

Item No.	Description of Variation Item	Unit of Measurement	Rate		Remarks
			Local (Ind. Rs)	Foreign Currency	
1	Variation in the total length of cast-in-place foundation piles for abutments on ground, a) diameter: 1,500 mm b) diameter: 1,800 mm c) diameter: 2,000 mm	meter	a) 155,941		Including steel liner/casing pipes
			b) 180,035		
			c) 197,992		
2	Variation in the total length of cast-in-place foundation piles for piers in water, a) diameter: 1,800 mm b) diameter: 2,200 mm	meter	a) 284,678		Including steel liner/casing pipes
			b) 324,878		
3	Variation in the overall height of abutments, a) Land Piers	meter	a) 399,214		Height above top surface of pile cap
4	Variation in the overall height of piers, a) Marine Piers	meter	a) 815,389		Height above top surface of pile cap
5	Variation in the plan area of the bridge deck of viaduct-type concrete superstructure	square meter	198,040		The rate shall include all foundations, substructures, superstructures, pavements, crash barriers, expansion joints and other relevant sundry items.
6	Variation in the plan area of the bridge deck of steel superstructure	square meter	376,964		Ditto
7	Variation in area of view barriers	square meter	23,422		Including anchors
8	Variation in area of noise barriers	square meter	22,690		Ditto
9	Variation in area of safety fences,	square meter	6,770		Including foundations and anchors
10	Variation in area of boundary fences,	square meter	2,500		Including foundations and anchors

Note: The above rates for variation are subject to price adjustments using the price adjustment factors shown in the relevant "Schedule of Price Adjustment Data".



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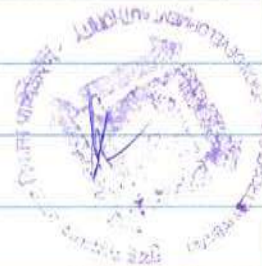



Mumbai Trans Harbour Link Project (Package-1)

IFB No: MMRDA/ENG1/000752

Form CHK-2 Submission Check Sheet for Price Bid

No.	Form Title	Included in Price Bid	Remarks
1	Letter of Price Bid	Included	
2	Schedule of Price Adjustment Data	Included	
3	Limit of Amounts Payable for Respective Price Schedule	Included	
4	Price Schedule No. 1	Included	
5	Price Schedule No. 2	Included	
6	Price Schedule No. 3	Included	
7	Price Schedule No. 4	Included	
8	Price Schedule No. 5	Included	
9	Price Schedule No. 6	Included	
10	Price Schedule No. 7	Included	
11	Price Schedule No. 8	Included	
12	Price Schedule No. 9	Included	
13	Price Schedule No. 10	Included	
14	Price Schedule No. 11	Included	
15	Price Schedule No. 12	Included	
16	Price Schedule No. 13	Included	
17	Grand Summary	Included	
18	Proposed Schedule of Rates for Variation	Included	





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Mumbai Trans Harbour Link Project (Package-1)

IFB No: MMRDA/ENG1/000752

Form CHK-2 Submission Check Sheet for Price Bid

No.	Form Title	Included in Price Bid	Remarks
19	Others (See ITB 11.3)	Included	
20	Form CHK (this sheet)	Included	

Authorized Signatory

P.Niranjana,

Vice President & Head – Nuclear & Special Bridges BU,

For and on behalf of: L&T-IHI Consortium



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