

Volume - XVIII

Package - 4

Contents	Page No.
The Contractor's Proposal Price Bid	



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Form CHK-2

Submission Check Sheet for Price Bid

No.	Form Title	Included in Technical Bid	Remarks
1	Letter of Price Bid	Included	
2	Schedule of Price Adjustment Data	Included	Tables A and B
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	Country of Origin Declaration included
7	Price Schedule No. 4	Included	Country of Origin Declaration included
8	Price Schedule No. 5	Included	Country of Origin Declaration included
9	Price Schedule No. 6	Included	Country of Origin Declaration included
10	Price Schedule No. 7	Included	Amounts fixed by the Employer shall not be altered] - Noted
11	Grand Summary	Included	
12	Others (See ITB 11.3)	Not Applicable	If any
13	Form CHK (this sheet)	Included	


For and on behalf of JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG,

Printed Name:

Designation:

Date: 13th December 2021

 Simranjit Singh Ratra
 Lawful Attorney


 Sandeep Murarka
 Lawful Attorney


Letter of Price Bid

Date: 13th December 2021
 Loan Agreement No.: ID-P255 (Tranche-I)
 IFB No.: MMRDA/ENG1/0002561

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- 4 of the Mumbai Trans Harbour Link Project (hereinafter called "the Project"), including the following Addenda issued in accordance with Instructions to Bidders (ITB 8):

1. 114311 dated 24th September 2021,
2. 117581 dated 20th October 2021,
3. 122363 dated 2nd November 2021,
4. 135647 dated 12th November 2021
5. 153568 dated 26th November 2021 and
6. 151729 dated 7th December 2021

(b) We offer to Design, Supply, Installation, Testing and Commissioning of Intelligent Transport System (ITS), Toll Management System, Electrical works, Highway and Bridge streetlighting system, Construction of Toll Plazas and Administrative Buildings including Command Control Centre for MTHL project. 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:

[In Numbers: INR - 427,00,29,480.00

In Words: Indian Rupees Four Hundred and Twenty Seven Crores Twenty Nine Thousand and Four Hundred Eighty only].

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

[NIL]

Sample Expressions: A discount of ten percent (10%) of the Bid Price stated in (c) above for Package-4.

The exact method of calculations to determine the net price after application of discounts is shown below:

[specify in detail the method that shall be used to apply the discounts - **NOT APPLICABLE.**

Sample Expressions: This proposed discount shall be applicable evenly to all Payment Schedules Nos. 1 to 6 OF Package-4



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- (e) Our Bid shall be valid for a period of one hundred and Twenty (120) 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.

For and on behalf of JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG,

Printed Name:
Designation:
Date: 13th December 2021

Simranjit Singh Ratra
Lawful Attorney




Sandeep Murarka
Lawful Attorney



Schedule of Price Adjustment Data
Table Local Currency Portion

1. Materials on the Site: Schedule 3 Construction works (Item No. 301, 302, 303, 304, 305, 306, 307, 308 and 310)

(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 of Base Date
Nonadjustable	a = 0.15	-	-	-
Labour	b = 0.20	Basic Consumer Price Index Number of industrial workers on the Base Date	Labour- Ministry of Labour Bulletin at http://www.labourbureau.nic.in Or http://www.labourbureaunew.gov.in	(refer to RBI Bulletin at http://www.bulletin.rbi.org.in)
Steel	c = 0.30	Basic Wholesale Price Index Number of steel on the Base Date	Steel – Basic Wholesale Price index Number for steel flats on the Base Date	Ditto
Cement	d = 0.20	Basic Wholesale Price Index Number of cement & lime on the Base Date	RBI Bulletin	Ditto
Bitumen	e=0.00	*1	HPCL or BPCL or IOCL	Ex-refinery price
Fuel/lubricant	f = 0.15	Fuel/Lub component, description of cost index/Ref. Price is to be read as "Average market price	Actual Mumbai Markets 	Actual prevailing Mumbai market price during the period involving the Base Date



Section IV. Bidding Form

BF-8

		of high speed diesel (HSD) for Navi Mumbai on the Base Date		
Other materials [specify]	g=0.00	[Bidder must specify]	[Bidder must specify]	[Bidder must specify]
Construction machinery	h = 0.03	Average Wholesale Price Index Number of Construction Machinery on the Base Date	RBI Bulletin	(refer to RBI Bulletin at http://www.bulletin.rbi.org.in/)
Total	1.00	-	-	

*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.

Note: The materials for which the RBI Indices are not available, the indices of similar materials/items shall apply.

[The Bidder shall submit the proposed weighting data in column (ii), using the format shown above, for the local currency portion of the Bid Price for each of the following items of work or service quoted in the Price Schedules, or combinations (as proposed by the Bidder) of similar work/service items among the following items.

The entries shown above are for example only. Weighting of a = 0.15 for nonadjustable portion shall be fixed for all work/service items and the total of weighting for all work/service items shall be 1.00 as shown. Refer to GC Sub-Clause 13.8.]

Note:

(1) The Bidders may propose different combinations of the price adjustment items, if such proposed combinations are technically justifiable.



Amounts Payable for Respective Price Schedule

Description of Price Schedule	Limits expected by Employer (% of Accepted Contract Amount)	Percentages proposed by Bidder (% of Bid Price)
Schedule No. 1: General items	0.5 to 0.7	0.65
Schedule No. 2: Contractor's Documents	0.08 to 1	1
Schedule No. 3 Construction Works	11 to 13	12.95
Schedule No. 4: Electrical Works on Bridge & Toll Plazas	69 to 72	71.5
Schedule No. 5: Toll Management System	5 to 7	6.95
Schedule No. 6: Advance Traffic Management System	5 to 7	6.95
Total		100

Note:

- (1) The above percentages do not include the percentage earmarked for advance envisaged in the Conditions of Contract.
- (2) The above percentages are of the Accepted Contract Amount (or the Bid Price to be considered, at the time of Bid submission, equal to the Accepted Contract Amount) less the Provisional Sums.
- (3) Use exchange rates as of the Base Date.



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Schedule No. 1: General Items

Item No.	Item Description	Unit	Qty	Amount Local (Ind. Rs)
101	Performance Security (Section VII. GC Sub-Clause 4.2)	Lump Sum	Lot	5,265,039
102	Insurance for Works (Section VII GC Sub-Clause 18.2)	Lump Sum	Lot	1,053,008
103	Insurance for Contractor Equipment (Section VII GC Sub-Clause 18.2)	Lump Sum	Lot	1,053,008
104	Insurance against injury to Persons and Damage to Property (Section VII GC Sub-Clause 18.3)	Lump Sum	Lot	526,504
105	Insurance for Contractor Personnel (Section VII GC Sub-Clause 18.4)	Lump Sum	Lot	1,316,260
106	Insurance for Design Liability (Section VIII, PC Sub-Clause 18.5)	Lump Sum	Lot	1,316,260
107	Automobile Liability Insurance (Section VIII, PC Sub-Clause 18.6)	Lump Sum	Lot	
108	Allow for Defect Notification Period Services (Section VII GC Clause 11)	Lump Sum	Lot	10,530,077
109	Provision and maintenance of health and safety measures during the Time for Completion (Section VII GC Sub-Clause 6.7)	Lump Sum	Lot	5,265,039
Total Price Schedule No. 1 (To be carried forward to Grand Summary)				25,325,195



Schedule No. 2: Contractor's Documents

Note: "Contractor's Documents" shall cover all related activities including, but not limited to, the printing, explanation meetings with the Engineer, submission of related materials such as copies of codes and standards.

Item No.	Item Description	Unit	Q'ty	Amount Local (Ind. Rs)
201	Contractor's Documents for all Functional and Quality Control of all Civil Works, Administrative and Command control centres, Toll plazas, facilities like Toilets, Food plazas, as indicated in drawings and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020
202	Contractor Documents for Functional and Quality Control of Electrical Works and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020
203	Aesthetic Strategy Report and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020
204	Technical Design documents of all Functional, Civil, Architectural and All Building and temporary and/or allied Works, including Toll Plazas and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020
205	Construction Design documents of all Functional, Civil, Architectural and All Building and temporary and/or allied Works, including Toll Plazas and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020
206	Preparation and supply of as-built documents (GC Sub-Clause 5.6) and Obtaining NoNo for the same from the Engineer except Toll Management System and Advance Traffic Management System	Lumpsum	Lot	2,700,020
207	Preparation and supply of Maintenance Manual (Section VII GC Sub-Clause 5.7) and Obtaining NoNo for the same from the Engineer except Toll Management System and Advance Traffic Management System	Lumpsum	Lot	2,700,020
208	Submission of samples (GC Sub-Clause 7.2) and Obtaining NoNo for the same from the Engineer	Lumpsum	Lot	2,700,020

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BF-14

Section IV. Bidding Form

	Lumpsum	Lot	2,700,020
209	All Required Tests during Construction and before Commissioning and Obtaining NoNo for the same from the Engineer, except Toll Management System and Advance Traffic Management System	Lot	2,700,020
210	Technical and Construction Design Document of Electrical 11kV/415V Substations Ring & Scada for control & Monitoring and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
211	Technical and Construction Design Document of ITS Equipment powering & Illumination of Bridge & Monitoring and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
212	Technical and Construction Design Document of including MEP Services for Admin Building and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
213	Technical and Construction Design Document of including MEP Services for Command Control Centre Building and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
214	Technical and Construction Design Document of including MEP Services for Main Toll Plaza's and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
215	Technical and Construction Design Document of including MEP Services for Ramp Toll Plaza's and Obtaining NoNo for the same from the Engineer	Lot	2,700,020
Total for Price Schedule No. 2 (To be carried forward to Grand Summary)			40,500,300



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Addendum 3 – Attachment 04
Schedule No. 3 : Construction Works

	Item Description	Unit	Qty	Amount (In Rs)
301	Construction of Main Admin Building and Operation Control Centre at Gavan as per drawings	Lump Sum	Lot	56,342,026
302	Construction of Admin Building and Operation Control Centre at Shivaji Nagar Interchange and Command Control Centre at Sewri as per drawings	Lump Sum	Lot	13,922,978
303	Construction of Portable Office Building for Ramp Toll Plaza at 6 places near Shivaji nagar Interchange as per drawings	Lump Sum	Lot	11,259,369
304	Construction of Switching Station at Sewri as per drawings	Lump Sum	Lot	4,400,619
305	Construction of Food Plaza Facilities on both sides after Main Toll plaza at Gavan as per drawings	Lump Sum	Lot	48,926,310
306	Construction of Main Toll Plaza at Gavan as per drawings	Lump Sum	Lot	43,495,543
307	Construction of Six Ramp Toll Plaza at Shivaji nagar Interchange and Mangrove cutting, Ground improvement and Embankment filling for Ramp toll Plazas and service road upto pavement level as per drawings	Lump Sum	Lot	304,398,667
308	Construction of Tunnel for Main Toll Plaza at Gavan as per drawings	Lump Sum	Lot	18,640,947
309	Architectural Design of Toll Plazas, Tunnel and Administration buildings including Command control centre based on the preliminary drawings provided in the Bid documents and Obtaining NoNo for the same from the Engineer	Lump Sum	Lot	7,867,183
310	Planning & designing and Construction of all road furniture at main toll plaza and ramp toll plazas	Lump Sum	Lot	15,225,177
Total Price Schedule No. 3				524,478,819
(To be carried forward to Grand Summary)				



Section IV, Bidding Form

Addendum 03 – Attachment 05

Sr. No.	Description	Unit	Qty	Amount Local (Ind Rs.)
412	Earthing for Substations and illumination system across entire MTHL Project.	Lump Sum	Lot	59,874,636
413	Lightning Protection systems for substations & illumination across entire MTHL Project	Lump Sum	Lot	67,148,534
414	150VA UPS with 15min battery backup & 5kVA UPS with 15min battery backup for individual ITS Equipment across the Entire MTHL Bridge.	Lump Sum	Lot	25,688,467
415	Mechanical, Electrical, Plumbing & Fire Fighting Services for 11kV Switching station at Sewri as per BEST's Requirements & NBC Compliant	Lump Sum	Lot	118,325,937
416	Mechanical, Electrical, Plumbing & Fire Fighting Services for Administration building at Chirle as per ITS Requirement & NBC Compliant	Lump Sum	Lot	179,705,085
417	Mechanical, Electrical, Plumbing & Fire Fighting Services for Main Toll Plaza at Chirle as per Toll Management Requirement & NBC Compliant	Lump Sum	Lot	17,141,507
418	Mechanical, Electrical, Plumbing & Fire Fighting Services for Administration buildings at Shivaji Nagar as per ITS Requirement & NBC Compliant	Lump Sum	Lot	63,076,912
419	Mechanical, Electrical, Plumbing & Fire Fighting Services for Ramp Toll Plaza's at Shivaji Nagar as per Toll Management Requirement & NBC Compliant	Lump Sum	Lot	64,394,874
420	<u>Design and execution of Navigational aids lighting and all associated requirements as require as per national /international and relevant authorities</u>	Lump Sum	Lot	



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BF-17

Section IV, Bidding Form

Addendum 03 – Attachment 05

Sr. No.	Description	Unit	Qty	Amount Local (Ind Rs.)
421	Mechanical, Electrical, Plumbing & Fire Fighting Services for Sub Command Control Centre at Sewri as per ITS Requirement & NBC Compliant	Lump Sum	Lot	83,633,357
422	Mechanical, Electrical, Plumbing & Fire Fighting Services for all Food Plazas as per NBC Compliant	Lump Sum	Lot	125,490,157
Total Price Schedule No.4 (To be carried forward to Grand Summary)				2,895,771,068



Schedule No. 5 : Toll Management System

Sr. No.	Description	Unit	Qty	Amount Local (Ind Rs.)
501	Design, Manufacture and Supply of Plant and Equipment (including Mandatory Spare Parts and Maintenance Equipment) Supplied from Overseas/India	Lump Sum	Lot	206,387,986
502	Port handling, Port Clearance, Local Transportation, Insurance and Other Incidental Services including Customs Duties and Taxes and Other Charges for Plant and Equipment (including Mandatory Spare Parts and Maintenance Equipment) supplied from Abroad and India	Lump Sum	Lot	
503	Installation Services including all Tests of Toll Management System	Lump Sum	Lot	12,124,152
504	Operation and Maintenance Manuals, As-built Drawings and Other Documentation of Toll Management System	Lump Sum	Lot	606,208
505	Training of Toll Management System	Lump Sum	Lot	121,242
506	Maintenance Services of Toll Management System	Lump Sum	Lot	62,237,461
Total Price for Schedule No.5 (To be carried forward to Grand Summary)				281,477,049





Section IV, Bidding Form
 Addendum 01 – Attachment

Schedule No. 6 : Advanced Traffic Management System

Sr. No.	Description	Unit	Qty	Amount Local (Ind Rs.)
601	Design, Manufacture and Supply of Plant and Equipment (including Mandatory Spare Parts and Maintenance Equipment) Supplied from within India	Lump Sum	Lot	196,357,503
602	Port handling, port clearance, local transportation, insurance and other incidental services including customs duties and taxes and other charges for plant and equipment (including mandatory spare parts and maintenance equipment) supplied from abroad and within Employer's country	Lump Sum	Lot	
603	Installation Services including Tests of Advanced Traffic Management System	Lump Sum	Lot	24,072,208
604	Operation and Maintenance Manuals, As-built Drawings and Other Documentation of Advanced Traffic Management System	Lump Sum	Lot	601,806
605	Training of Advanced Traffic Management System	Lump Sum	Lot	240,723
606	Maintenance service of Advanced Traffic Management System pertaining to Maintenance of Equipment and System of ATMS, considering the required manpower for maintenance only.	Lump Sum	Lot	60,204,809
607	Fire Fighting Arrangements for all Toll plazas, all Administrative Buildings, Food Plaza and Command Control Centres	Lump Sum	Lot	281,477,049
Total Price Schedule No.6 (To be carried forward to Grand Summary)				




Section IV, Bidding Form
 Addendum 01 – Attachment

Schedule No. 7 : Provisional Sums

Sr. No.	Description	Amount Local(Ind. Rs)
701	Factory/Shop Inspection Trips	1,00,00,000
702	Site Cleaning	1,00,00,000
703	Additional Environmental Mitigation Measures	1,00,00,000
704	Additional Safety and Security Measures	1,00,00,000
705	Additional Tests during completion and or after completion	1,00,00,000
706	Seminars/Workshops	1,00,00,000
707	Dispute Board Cost and Expenses	1,00,00,000
708	Public relations, awareness programs etc.	1,00,00,000
709	Other Protection Measures	1,00,00,000
710	Bridge Illumination	1,00,00,000
711	Utility Shifting/Relocation on Land Section	1,00,00,000
712	Day works	1,00,00,000
713	Pedestrian Facilities	1,00,00,000
714	Firefighting arrangements on Bridge	1,00,00,000
715	Aesthetic and Landscaping Lighting	8,00,00,000
Total for Price Schedule No. 7 (To be carried forward to Bidding Summary)		22,00,00,000



Section IV. Bidding Form
BF-21

Grand Summary

Contract Name: Package-4 of the Project (Design, Supply, Installation, Testing and Commissioning of Intelligent Transport System (ITS), Toll Management System, Electrical works, Highway and Bridge streetlighting system, Construction of Toll Plazas and Administrative Buildings including Command Control Centre)

IFB No.: MMRDA/ENG1/0002561

Grand Summary	Amount Local (Ind. Rs)
Schedule No. 1: General Items	26,325,195
Schedule No. 2: Contractor's Documents	40,500,300
Schedule No. 3: Construction Works	524,478,819
Schedule No. 4: Electrical Works	2895771068
Schedule No. 5: Toll Management Systems	281,477,049
Schedule No. 6: Advanced Traffic Management Systems	281,477,049
Subtotal of Schedules No. 1 - No. 6: (A)	4,050,029,480
Schedule No. 7: Provisional Sum: (B)	220,000,000
Bid Price: (C=A + B) (Carried forward to Form of Price Bid)	4,270,029,480







Declaration for country of origin

Date:13/12/2021

IFB No.: MMRDA/ENG1/0002561


To: Mumbai Metropolitan Region Development Authority ("the Employer")

Dear Sir,


We, JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG, hereby confirm that country of origin for proposed system under Price Schedule No. 3, Price Schedule No. 4, Price Schedule No. 5 and Price Schedule No. 6 is India.

For and on behalf of JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG,

Printed Name:
Designation:
Date: 13th December 2021


Simranjit Singh Ratra
Lawful Attorney




Sandeep Murarka
Lawful Attorney



Volume - XIX

Package - 4

Contents	Page No.
The Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans and any other documents forming part of the Contract	



Form ACK



STRABAG**Form ACK****Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans**

- A) We, Simranjit Singh Ratra, Lawful Attorney and Sandeep Murarka, Lawful Attorney, being duly authorized by JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG (hereinafter referred to as the "Bidder") to execute this Acknowledgement of Compliance with the Guidelines for Procurement under Japanese ODA Loans, hereby certify on behalf of the Bidder and myself that:
- (i) (all information provided in the Bid submitted by the Bidder and its subcontractors for Package-4 of the Mumbai Trans Harbour Link Project (Japanese ODA Loan Agreement No. ID-P255) is true, correct and accurate to the best of the Bidder's and my knowledge and belief; and
 - (ii) the Bidder or any of its subcontractors has not, directly, or indirectly, taken any action which is or constitutes a corrupt or fraudulent practice and is not subject to any conflict of interest as stipulated in the relevant section of the Guidelines and the Bidding Document.
- B) We certify that the Bidder has NOT been debarred by the World Bank Group for more than one year since the date of issuance of Invitation for Bids.
- C) We certify that the Bidder will not enter into a subcontract with a firm which has been debarred by the World Bank Group for a period more than one year, unless on the date of the subcontract at least three (3) years have passed since the date of such debarment decision.
- D) We certify, on behalf of the Bidder and its subcontractors, that if selected to undertake works and services in connection with the Contract, the Bidder and its subcontractors shall carry out such works and services in continuing compliance with the terms and conditions of the Contract.
- E) We further certify, on behalf of the Bidder and its subcontractors, that if the Bidder and any of its subcontractors is requested, directly or indirectly, to engage in any corrupt or fraudulent practice under any applicable law, such as the payment of a rebate, at any time or any stage of a process of procurement such as negotiations, execution or implementation of contract (including amendment thereof), the Bidder shall report all relevant facts regarding such request to the relevant section in JICA (details of which are specified below) in a timely manner.

JICA's information desk on fraud and corruption (A report can be made to either of the offices identified below.)

(1) JICA Headquarters: Legal Affairs Division, General Affairs Department

URL: <https://www2.jica.go.jp/en/odainfo/index.php>

Tel: +81 (0)3 5226 8850

(2) JICA India office

Tel: +91 11 47685500



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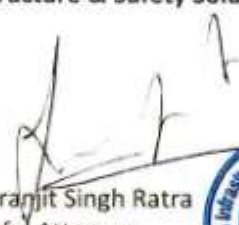
STRABAG

The Bidder acknowledges and agrees that the reporting obligation stated above shall NOT in any way affect the Bidder's responsibilities, obligations or rights, under relevant laws, regulations, contracts, guidelines or otherwise, to disclose or report such request or other information to any other person(s) including the Employer or to take any other action, required to or allowed to, be taken by the Bidder. The Bidder further acknowledges and agrees that JICA is not involved in or responsible for the procurement process in any way.


- F) If any of the statements made herein is subsequently proven to be untrue or incorrect based on facts subsequently determined, or if any of the warranties or covenants made herein is not complied with, the Bidder will accept, comply with, and not object to any remedies taken by the Employer and any sanctions imposed by or actions taken by JICA.

For and on behalf of **JV of STRABAG Infrastructure & Safety Solutions GmbH and STRABAG AG,**

Printed Name:
Designation:
Date: 08th December 2021


Simranjit Singh Ratra
Lawful Attorney




Sandeep Murarka
Lawful Attorney

