## राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार तीसरी मंजिल, पीटीआई बिल्डिंग, 4—संसद मार्ग, नई दिल्ली—110001







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(भारत सरकार का उद्यम)

(A Government of India Enterprise)

## **CORRIGENDUM-III**

NHIDCL/NH-07/Slopeprotection/Uttarakhand/PKG-III/2023 Date:12.02.2024

To,

## All Respective Bidders

**Subject**: Construction for Mitigation Measures of 05 Nos. Landslides, 05 Nos. Sinking Zones and 1 no. Bridge from Ch. 450.00 to Ch. 468.00 (18 Km. length) on NH-07 on EPC mode in the State of Uttarakhand (Package-III)"-**Corrigendum-III**-Reg

Sir,

Following amendments are being carried out

S. No	Clause Reference	Existing Provision	Modified Provision
1	(including Major Bridges/ROB/Flyovers /Tunnels):	more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the estimated project cost. Eligible projects shall include the following:  (a) Widening/ reconstruction/up-gradation works on NH/SH/Expressway or on any category of road taken up under CRF, ISC/EI, SARDP, LWE  (b) Widening/reconstruction/up-gradation on MDRs with loan	and/or Category 3 specified in Clause 2.2.2.5. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the estimated project cost. The similar work must include the following items in Indian conditions:  a. Installation of Self Parilling Hollow Soil/Pack

wire mesh /Synthetic Geomat hilly/mountainous terrain. Installation galvanized soil nails, galvanized steel mesh and ground anchors. d. Application of 100 mm thick shotcrete in hilly/mountainous terrain e. Supply and fixing of double twisted mesh in hilly/mountainous terrain installation of High Tensile Rope System, High tensile steel wire and Hydraulically applied erosion control products "For any proprietary products (patented/monopolistic etc.) such as For proprietary reinforced soil Wall/slope, Retaining Wall, Expansion Joints, Bridge products Bearing, Pre-stressing Systems, Commercial Stabilizer, Geosynthetics (patented/monopolistic etc.) Products etc.; EPC Contractor/Concessionaire shall ensure signing of such as reinforced soil tripartite agreement between the Authority, EPC Wall/slope, Retaining Wall, Contractor/Concessionaire and Technology Provider before use of Expansion Joints, Bridge such material/technology/design in NH Projects. The tripartite Bearing, Pre-stressing agreement shall have the provision of involvement of the Technology Systems, Commercial Provider right from design to execution. Technology Provider shall Stabilizer, Geosynthetics deploy the requisite design experts/material technologist/skilled and Products **EPC** trained construction supervision personnel to certify material testing Contractor/Concessionaire and material characterization for design, proof check of the design, shall ensure signing of approve construction methodology including field trial sections before tripartite agreement actual construction, quality control and supervision and certification of between the Authority, EPC the day-to-day construction /execution. Contractor/Concessionaire RFP Clause 2.2.2.2 and Technology Provider (iii) (c&d): Slope before use of Protection and material/technology/design Mitigation Landslide NH Projects. projects: tripartite agreement shall have the provision of involvement of the Technology Provider right from design to execution. Since the work of slope stabilization, slope protection and Technology Provider shall Landslide Mitigation are specialized in nature, if the bidder fails to meet deploy the requisite design any of the criteria (sought above in.....) in a single project of experts/material completed value of work cumulatively equal to or more than 20% of technologist/skilled the Estimated Project Cost, bidder shall enter into signing of Pre-Bid trained construction Memorandum of Understanding (MoU) with a Specialized System supervision personnel to Provider (SSP) for technical expertise including design, drawings, on-certify material testing and site technical assistance and other requisite services prior to bid material characterization for submission date and submit the MoU along with their bid (This is one design, proof check of the of the Essential Criteria Document of the Bidder and for technical design, approve evaluation of the bid, in case of the bidder opting for the MoU and the construction methodology

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MoU shall form a part of the bid). If the work is awarded to such bidder, lincluding field trial sections the said bidder cannot suspend the MoU with the SSP without written before actual construction. permission of the Authority during the pendency of the EPC quality Contract.

control supervision and certification of the day-to-day construction /execution. The Technology Provider and the EPC Contractor shall be jointly and severally liable for the technology provided.

C1. The work of slope stabilization, slope protection and Landslide Mitigation are specialized in nature, if the bidder fails to

of

System

The SSP shall have completed at least one landslide rehabilitation or meet the criteria (sought slope protection project in India having minimum 80 m height in which above in clause 2.2.2.2 galvanized soil nails, galvanized steel mesh and ground anchors must (ii) in a similar project of have been used and the scope of SSP includes design, supply of completed value of work specialized materials and technical assistance in the last 5 (Five) equal to or more than 20% financial years preceding the Bid Due Date for roads/Railway/Metro of the Estimated Project rail/hydroelectric projects etc. In such case, the experience certificates Cost i.e., Rs. 32.57 Crore of the SSP certified by a Government Engineer not below the rank of (Rupees Thirty two lakh Executive Engineer shall be submitted along with the bid for evaluation fifty seven Such SSP shall be an organization established under Only), bidder shalt enter Indian Company's Act and must be existing in India for minimum 10 into signing of Pre-Bid years having a minimum net worth of INR 80 Crores by end of the Memorandum financial year preceding the Bid Due Date. Certificate of incorporation Understanding (MoU) with a along with net worth certificate certified from a Chartered Accountant Specialized shall be submitted as documentary proof. Such SSP shall also be ISO Provider (SSP) for technical 9001 certified for the last 10 years and shall possess ISO 45001 and expertise including design, ISO 14001 certification.

drawings, on-site technical assistance and other requisite services prior to bid submission date and submit the MoU along with their bid (This is one of Essentia the Criteria Document of the Bidder and for technical evaluation of the bid, in case of the bidder opting for the MoU and the MoU shall form a part of the bid, if not submitted, the bid will stand rejected). If the work is awarded to such bidder, the said bidder cannot suspend the MoU with the SSP without written permission of the Authority during the pendency of the EPC Contract. The SSP and the EPC Contractor shall be

jointly and severally liable for execution of the contract.

SSP The shall have successfully completed at one landslide least rehabilitation slope or protection project in India having minimum 60 m height in which galvanized soil nails, galvanized steel mesh and ground anchors must have been used and the scope of SSP includes design, supply of specialized materials and technical assistance in the last 5 (Five) financial years preceding the Bid Due Date roads/Railway/Metro rail/hydroelectric projects etc. In such case, the experience certificates of the SSP certified by a Government Engineer not below the rank of Executive Engineer shall be submitted along with the bid for evaluation purpose. Such SSP shall be an organization established under Indian Company's Act and must be existing in India for minimum 10 years having a minimum net worth of 5% of Estimated cost put to tender of Rs. 162.85 Crore i.e., Rs. 8.14 Crore by end of the financial year preceding the Bid Due Date. Certificate of incorporation along with net worth certificate certified Chartered from a Accountant shall be submitted as documentary proof with UDIN. Such SSP shall also be ISO 9001 certified and shall possess ISO 45001 and ISO 14001 certification which shalt be submitted along with the bid.

RFP clause 2.2.2.6 It should have been undertaken as a PPP project on BOT, BOLT, Slope Stabilization/ (i)(a): Eligible BOO, BOOT or other similar basis for providing its output or services to landslide mitigation &



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		a public sector entity or for providing non-discriminatory access to users in pursuance of its charter, concession or contract, as the case may be. For the avoidance of doubt, a project which constitutes an antural monopoly such as an airport or port should normally be included in this category even if it is not based on a long-term agreement with a public entity.  BOOT or other similar basis as a lead partner, JV or as a subcontractor approved by the Authority/Public entity for providing its output or services to a public sector entity or for providing non-discriminatory access to users in pursuance of its charter, concession or contract, as the case may be. For the avoidance of doubt, a project which constitutes an airport or port should normally be included in this category even if it is not based on a long-term agreement with a public entity;
4	DCA Article 1.1: Definitions	"Contractor" including the technology provider and the Specialized System "Contractor" shall have the meaning attributed thereto in the array of Provider shall have the Parties hereinabove as set forth in the Recitals; meaning attributed thereto in the array of Parties hereinabove as set forth in the Recitals;
5		If the Contractor has formed a Joint Venture of two persons for implementing the Project:  If the Contractor has formed a Joint Venture of two persons for implementing the Project or Signed an agreement with the technology provider or entered an MoU with the Specialized System Provider:
6	DCA 1.5 (ii): Joint and several liability	Without prejudice to the joint and several liability of all the members of the Joint Venture, the Lead Member shall represent all the members of the Joint Venture and shall always be liable and responsible for discharging the functions and obligations of the Contractor. The Contractor shall ensure that each member of the Joint Venture shall be bound by any decision, communication, notice, action or inaction of the Lead Member on any matter related to this Agreement and the Authority shall be entitled to rely upon any such action, decision or communication of the Lead Member. The Authority shall release the payments only in the name of JV.  Without prejudice to the joint and several liability of all the members of the Joint Venture, Technology provider or Specialized System Provider, the Lead Member shall represent all the members of the Joint Venture and shall always be liable and responsible for discharging the functions and obligations of the Contractor. The Contractor.
		A state of the sta

			shall ensure that each
			member of the Joint
			Venture, <b>Technology</b>
			provider or Specialized
			System Provider shall be
			bound by any decision,
			communication, notice,
			action or inaction of the
			Lead Member on any
			matter related to this
			Agreement and the
			Authority shall be entitled to
			rely upon any such action,
			decision or communication
			of the Lead Member. The
			Authority shall release the
			payments only in the name
			of JV in case of Joint
			Venture or the lead
			member in case of
			Technology provider or
		(W)	the Specialized System
			Provider.
			The Contractor including
			the Technology provider
			and the specialized
			System provider, whether
			Joint Venture or sole, shall
		¥ 2	not sub-contract any Works
			except the specialized work
			for which the Contractor has
		The Contractor, whether Joint Venture or sole, shall not sub-contrac	given information at the
		any Works except the specialized work for which the Contractor has	lume of planning. Fromuea,
		given information at the time of bidding. Provided, however, that ir	lilowever, that in respect of
	Article 4.2 of the DCA:	respect of the Works carried out directly by the Contractor, it may enter	plife works carried out
7	Obligations relating to	into contracts for the supply and installation of Materials Plant	directly by the Contractor, it
1 '	sub-contracts and any	equipment, road furniture, safety devices and labour, as the case may	may enter into contracts for
	other agreements	be, for such Works. The Parties further agree that all obligations and	the supply and installation
		be, for such Works. The Parties further agree that all obligations and liabilities under this Agreement for the entire project Highway shall a left times remain with the Contractor.	of Materials, Plant,
		all times remain with the Contractor	equipment, road furniture,
			safety devices and labour,
			as the case may be, for
			such Works. The Parties
		7	further agree that all
			obligations and liabilities
			under this Agreement for
			the entire project Highway
			shall at all times remain with
	1	NAME OF THE PROPERTY OF THE PR	the Contractor
		Within 30 (thirty) days of receipt of Letter of Acceptance, the selected Bidder shall furnish to the Authority in the form of Insurance Surety	vreceipt of Letter of
		Bond in the format at Appendix - X, Account Payee Demand Draft	Acceptance the selected
8		Banker's Cheque or irrevocable and unconditional guarantee e - Banl	
0		Guarantee or in case E-BG is not possible, BG from a Bank in the form	
	*****	set forth in Appendix-VII (the "Performance Security") for an amoun	t Insurance Surety Bond in
		equal to 3% (three percent) of its Bid Price. In case of bids mentioned	the format at Appendix - X
		Joquan to 670 (times personn) of its bid 1 floor in sace of bids monitories	The second of th

below, the Selected Bidder, along with the Performance Security, shall Account Payee also furnish to the Authority in the form of Insurance Surety Bond Draft, Banker's Cheque or (issued by Insurance Company authorized by Insurance Regulatory irrevocable and Development Authority of India in the format at Appendix - VII), unconditional guarantee e -Account Payee Demand Draft, Banker's Cheque or an irrevocable and Bank Guarantee or in case unconditional e - Bank Guarantee from a Bank in the same form given E-BG is not possible, BG at Appendix-VI! towards an Additional Performance Security (the from a Bank in the form set 'Additional Performance Security") for an amount calculated as under: |forth in Appendix-VII (the "Performance Security") for an amount equal to 3% (three percent) of its Bid Price. In case of bids mentioned below. Selected Bidder, along with the Performance Security. shall also furnish to the Authority in the form of Surety Bond Insurance by (issued Insurance Company authorized by Insurance Regulatory and Development Authority of India in the format at Appendix - VII). Account Pavee Demand Draft. Banker's Cheque or an irrevocable and lunconditional e -Bank Guarantee from a Bank in the same form given at Appendix-VI! towards an Additional Performance Security (the "Additional Performance Security") for an amount calculated as under: A Bidder is required to submit, along with its BID, a BID Security of Rs. 1.6285 Cr. (the "BID Security"), A Bidder is required to submit, along with its BID, a BID Security of Rs. 1.6285 Cr. (the "BID Security"), refundable not later than 150 (One 150 (One hundred fifty) hundred fifty) days from the BID Due Date, except in the case of the days from the BID Due Selected Bidder whose BID Security shall be retained till it has Date, except in the case of provided a Performance Security and Additional Performance Security the Selected Bidder whose (if any) as per the provision of this RFP and LOA. BID Security shall be submitted in the form of Insurance Surety Bond, Account Payee Demand Draft, Banker's Cheque or Electronic Bank Guarantee (e-Bank Guarantee). The Insurance Surety Bond shall be verified from the specific portal created for this purpose. The e - Bank Guarantee shall be transmitted through SFMS Gateway to NHAI/MORTH /State RFP clause 1.2.4: 9 Brief description of **Bidding Process** PWD/ NHIDCL/BROs Bank. Details of designated bank account are as provision of this RFP and LOA. BID Security shall be under: submitted in the form of Insurance Surety Bond, Account Payee Demand Draft, Banker's Cheque or

	10	Clause 1.2.3 of RFP: Brief description of Bidding Process	The complete Bidding Documents including the draft Agreement for the Project is enclosed for the Bidders. The Feasibility Report / Detailed Project Report prepared by the Authority/ consultants of the Authority (the "Feasibility Report/Detailed Project Report") is also enclosed. The Feasibility Report / Detailed Project Report of the Project is being provided only as a preliminary reference document by way of assistance to the Bidders who are expected to carry out their own surveys, investigations and other detailed examination of the Project before submitting their Bids. Nothing contained in the Feasibility Report/Detailed Project Report shall be binding on the Authority nor confer any right on the Bidders, and the Authority shall have no liability whatsoever in relation to or arising out of any or all contents of the Feasibility Report/Detailed Project Report. The aforesaid documents and any addenda issued subsequent to this RFP Document, will be	detailed examination of the Project before submitting their Bids. Nothing contained in the documents shall be binding on the Authority nor confer any right on the Bidders, and the Authority shall have no liability whatsoever in relation to or arising out of any or all contents Documents. The aforesaid documents and any
			Feasibility Report/Detailed Project Report. The aforesaid documents and any addenda issued subsequent to this RFP Document, will be deemed to form part of the Bidding Documents. However, Feasibility Report / Detailed Project Report prepared by the Authority/ consultants of the Authority (the "Feasibility Report/Detailed Project Report") is not required in case of maintenance works like PR/HIPR to be taken on EPC mode.	Documents. The aforesaid documents and any addenda issued subsequent to this RFP Document, will be deemed to form part of
	٠	Total Control of the	•	Works of carrying out
	11	RFP clause 2.2.1 A: Eligibility and qualification requirements of Bidder	Works of carrying out mitigation measure for unstable slopes and sinking areas for hill roads of not less than the magnitude given above. The mitigation means should include the items more than use of 7 items listed below.	mitigation measure for unstable slopes and sinking



12	RFP clause 2.11.1(o):     Documents     comprising Technical     and Financial BID	of the Gen Appendix-IX	eral Financia shall be sub	I Rules mitted b	(GFRs) y the Bidd	ctions under R as per forma er with the RF be part of th	nt given in P Bid duly	use of 7 Certificat Compliar Restrictic (xi) of the Rules (G given in tbe subm with the signed signatory	he items mitems listed for a rece for sunder Fee General Fers) as per Appendixitted by the FFP E	should lore than l below. egarding with Rule 144 Financial er format XII shall e Bidder Sid duly uthorised e part of nent
	Table in article no. 19.10: Price adjustment for the Works		,	Road	Item I Works		Vo. marcaneri ari	Compo nent	134409400	Mitigat ion Measu
		Compo nent	Earthwork, Granular work, and Other	Bitumi nous work	Cemen t Concre te	Culverts, minor bridges and other	Major Bridge s and Struct ures	Labour (PL)	15.00%	15.00
			works		Pavem ent	structu res	ures	(PC)	5%	
		Labour (PL)	[20%]	.[20 %]	[20%]	[15%]	[15%]	Steel (PS)	50%	
		Cement (PC) Steel (PS)	[5%] Nil	Nil Nil	[20%] Nil	[15%]	[15%]	Bitume n (PB)  Fuel and lubrican ts (PF)  Other Material s (PM)	-	
		Bitumen	Nil	[15	Nil	Nil	Nil		10.00%	40.00
13		(PB) Fuel and lubricant	[10%]	%] [10 %]	[10%]	[10%]	[10%]			10.00 %
		s (PF) Other Materials	[50%]	[40 %]	[35%]	[30%]	[25%]		5%	60.00
×		(PM)  Plant, machine ry and spares.	[15%]	[15 %]	[15%]	[15%]	[15%]	Plant, machin ery and spares. (PA)	15.00%	15.00
		(PA) Total	100%	10 °	100%	100%	100%	Total	100.0%	100.00 %

14	Clause 1.1 of Schedule C: Specification and Standards	"Specifications for Road and Bridge Works (Latest Revision) Issued by Ministry of Road Transport & Highways" shall be adopted for works covered in these specifications. NH Specification as per IRC-SP-73-2018 and IRC-SP-48-1998 and MoRTH circulars shall be used as per their applicability.	for works covered in these
115	Schedule B	Uploaded with NIT dated 05.12.2023	Modified vide corrigendum-
1416	Schedule H	Uploaded with NIT dated 05.12.2023	Modified vide corrigendum-

2. It is requested to follow the above-mentioned amendments with regard to the instant project.

(Vivekanand Jaiswal)
Consultant (Tech)

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