



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष/Phone : 91-11-25074100 / 25074200



भाराराप्रा/ नीति दिशानिर्देश / मानक दस्तावेज़ / 2026

नीति परिपत्र सं. 11.100 / 2026 दिनांक 21st जुलाई, 2026

{(ई-ऑफिस फाइल सं. HOUDIV-22/36/2025-HOU Division (कम्प्युटर सं. 290292 पर लिया गया निर्णय)}

NHAI/ Policy Guidelines/ Standard Documents/2026

Policy Circular No. 11.100/2026 dated 21st July, 2026

{(Decision taken on E-Office File No. HOUDIV-22/36/2025-HOU Division (Comp No. 290292)}

विषय: विस्तृत परियोजना रिपोर्ट परामर्शी सेवाओं की खरीद हेतु मानक आरएफपी दस्तावेज़ - सड़क परिवहन और राजमार्ग मंत्रालय द्वारा पर्वतीय क्षेत्रों में राष्ट्रीय राजमार्ग परियोजनाओं हेतु जारी संशोधनों को अपनाए जाने के संबंध में।

Sub: Standard RFP Document for Procurement of DPR Consultancy Services - Adoption of amendments issued by MoRT&H for National Highway Projects in Hilly Terrain - reg:-

- संदर्भ.:**
- (i) भा.रा.रा.प्रा. नीति परिपत्र संख्या 11.85 दिनांक 17.02.2026
 - (ii) भा.रा.रा.प्रा. नीति परिपत्र संख्या 11.90 दिनांक 12.03.2026
 - (iii) भा.रा.रा.प्रा. नीति परिपत्र सं. 11.95 दिनांक 20.06.2026
 - (iv) सड़क परिवहन और राजमार्ग मंत्रालय का परिपत्र सं. आरडबल्यू / एनएच 33044/37/2025 - एसएंडआर (पीएंडबी) (सी. सं. 255492) दिनांक 24.06.2026

- Ref.:**
- (i) NHAI Policy Circular No. 11.85 dated 17.02.2026.
 - (ii) NHAI Policy Circular No. 11.90 dated 12.03.2026.
 - (iii) NHAI Policy Circular No. 11.95 dated 20.06.2026.
 - (iv) MoRT&H Circular No. RW/NH-33044/37/2025-S&R(P&B) (C.No.255492) dated 24.06.2026

सड़क परिवहन और राजमार्ग मंत्रालय ने अपने परिपत्र सं. आरडबल्यू/एनएच-33044/29/2021-एसएंडआर(पीएंडबी) भाग (सी. सं. 248404) दिनांक 29.09.2025 के माध्यम से राष्ट्रीय राजमार्गों एवं केंद्रीय प्रायोजित सड़क परियोजनाओं के लिए विस्तृत परियोजना रिपोर्ट (डीपीआर) तैयार करने हेतु परामर्शी सेवाओं की खरीद के लिए संशोधित मानक आर.एफ.पी. दस्तावेज़ जारी किया था। मंत्रालय के निर्देशों के अनुपालन में, भा.रा.रा.प्रा. द्वारा नीति परिपत्र संख्या 11.85 दिनांक 17.02.2026 द्वारा उक्त संशोधित मानक आर.एफ.पी. को कुछ संशोधनों सहित अपनाया गया। उक्त आरएफपी में तत्पश्चात नीति परिपत्र संख्या 11.90 दिनांक 12.03.2026 तथा 11.95 दिनांक 20.06.2026 के माध्यम से भी संशोधन किए गए।

Ministry of Road Transport & Highways (MoRT&H), vide its Circular No. RW/NH-33044/29/2021-S&R(P&B) Part (C. No. 248404) dated 29.09.2025 issued the revised Standard Request for Proposal (RFP) document for Procurement of Consultancy Services for preparation of Detailed Project Report (DPR) in respect of National Highways and Centrally Sponsored Road Works. In compliance with the directions of the Ministry, NHAI, vide Policy Circular No. 11.85 dated 17.02.2026 adopted the revised Standard RFP document with certain modifications. The RFP was further amended vide Policy Circular Nos. 11.90 dated 12.03.2026 and 11.95 dated 20.06.2026.

Contd.....2/-

2. सड़क परिवहन और राजमार्ग मंत्रालय ने संदर्भ (iv) में उल्लिखित "पर्वतीय क्षेत्रों में राष्ट्रीय राजमार्गों के निर्माण संबंधी चिंताओं को दूर करने के लिए अतिरिक्त संबंधित और व्यवस्थित सुधारात्मक उपाय तथा डीपीआर/मॉडल ईपीसी दस्तावेज़ के लिए आरएफपी में संशोधन" (प्रतिलिपि संलग्न है) शीर्षक वाले परिपत्र के माध्यम से, अन्य बातों के साथसाथ-, पर्वतीय क्षेत्रों में राष्ट्रीय राजमार्ग परियोजनाओं/पर्वतीय क्षेत्रों में संरक्षण कार्यों से संबंधित परियोजनाओं के लिए डी.पी.आर. परामर्शदाताओं के खरीद हेतु मानक आर.एफ.पी. के कुछ प्रावधानों में संशोधन किए हैं, जो उक्त परिपत्र के अनुलग्नक-II में निहित हैं।

MoRT&H, vide its Circular cited at reference (iv) titled "*Additional Augmented and Systematic Remedial Measures to Address Concerns Regarding Construction of National Highways in Hilly Regions and Amendments to the RFP for DPR/Model EPC Document thereof*", (Copy enclosed) has, inter alia, amended certain provisions of the Standard RFP for procurement of DPR Consultancy Services, applicable only for National Highways Projects in Hilly Terrain/Projects of Protection works in Hilly Terrains, as contained in Annexure-II of the said Circular.

3. तदनुसार, डी.पी.आर. परामर्शी सेवाओं के खरीद हेतु मानक आर.एफ.पी. से संबंधित उक्त सड़क परिवहन और राजमार्ग मंत्रालय के परिपत्र के अनुलग्नक-II में निहित संशोधन समस्त संबंधितों की जानकारी, मार्गदर्शन एवं अनुपालन हेतु संलग्न किए जाते हैं।

Accordingly, the amendments contained in Annexure-II of the aforesaid MoRT&H Circular relating to the Standard RFP for Procurement of DPR Consultancy Services, are enclosed herewith for information, guidance and compliance by all Concerned.

4. यह सक्षम प्राधिकारी के अनुमोदन से जारी किया जाता है।

This issues with the approval of Competent Authority.

संलग्नक: यथोपरी।

Encl.: As stated above.

(सीएस. संजय कुमार पटेल/ CS. Sanjay Kumar Patel)
प्रभारी मुख्य महाप्रबंधक(समन्वय) (i/c) Chief General Manager (Coord.)

प्रति/ To:

भाराराप्रा मुख्यालय/आरओ/पीआईयू/सीएमयू/साइट कार्यालयों के सभी अधिकारी।
All Officers of NHAI HQ/ ROs/ PIUs/ CMUs/ Site Offices.

प्रतिलिपि/ Copy to:

1. पुस्तकालय की साइट पर प्रकाशन के लिए पुस्तकालय को।
Library for hosting the Circular on Library site.
2. परिचालन के लिए वेब एडमिन को।
Web Admin for Circulation.
3. सचिव, सड़क परिवहन और राजमार्ग मंत्रालय के प्रधान निजी सचिव को सूचनार्थ।
PPS to Secretary, MoRT&H for Kind Information.



सत्यमेव जयते

130.262

No. RW/NH-33044/37/2025-S&R(P&B) (Comp No 255492)
Government of India
Ministry of Road Transport & Highways
Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: 24th June, 2026

CIRCULAR

To,

1. The Chief Secretaries of all the State Governments/ UTs.
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department/ Road Construction Department/ Highways Department (dealing with National Highways and other centrally sponsored schemes).
3. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110075.
4. The Managing Director, NHIDCL, 1st & 2nd floor, Tower-A, World Trade Centre, Nauroji Nagar, New Delhi-110029.
5. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.
6. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs/ Road Construction Department/ Highways Departments (dealing with National Highways and other centrally sponsored schemes).
7. The Secretary General, Indian Roads Congress
8. The Director, IAHE, Noida, UP
9. All CE-ROs, ROs and ELOs of the Ministry.

Subject: Additional Augmented and Systematic Remedial Measures to Address Concerns regarding Construction of National Highways in Hilly Regions and Amendments to the RFP for DPR/ Model EPC Document thereof

Reference: i) Ministry Circular No. RW/NH-33044/55/2021-S&R (P&B)pt. /Hill Slope Monitoring dated 28th November, 2024

- ii) Policy Circular No. RW/NH-33044/37/2025-S&R (P&B) dated 7th November, 2025.
- iii) Ministry Circular No RW/NH-37010/4/2010-EAP(Printing) Vol- IV dated 05.03.2019 and subsequent amendment to EPC Model RFP thereof.
- iv) RW/NH-33044/29/2021-S&R(P&B) Part (Comp No 248404) dated 29.09.2025 and subsequent amendment to Model DPR RFP thereof

Madam/Sir,

The rapid expansion and widening of National Highway corridors traversing mountainous, steep, and geologically sensitive hill terrains have historically involved extensive mechanical slope cuts, resulting in widespread landslides, erosion, and hillside destabilization. Recognizing the need for a scientifically structured engineering methodology to manage these slope failures, the Ministry constituted a multi-disciplinary Expert Committee to streamline the planning process. This resulted in the issuance of specialized investigation and mitigation matrices issued vide circular mentioned under

reference (i). Subsequently, Ministry issued circular mentioned under reference(ii) vide which comprehensive directions were issued to incorporate these protective measures into project preparation and execution stages. However, it has been noticed that these guidelines have not been incorporated in Model EPC document and TOR for DPR consultants.

2. In this background, Certain amendments to the Standard RFP clauses have been made. There shall be no Bonus clause in EPC contract National Highways Projects in Hilly Region. The amendment to Model EPC documents is attached at Annexure-I and amendments to TOR for DPR Consultants are attached at Annexure-II to this circular.

3. These amendments shall be applicable only for National Highways Projects in Hilly terrain/ Projects of Protection works in Hilly terrains.

3. All the executing agencies are requested to make the aforesaid modifications in the RFP document for appointment of Consultancy Services for preparation of Detailed Project Report (DPR) in respect of National Highways and centrally sponsored road works, before inviting tenders.

4. This issues with the approval of Competent Authority.

Yours' Faithfully,



24/06/2026
(Akil Ahmad)

Superintending Engineer
For DG(RD)&SS

Encl: Annexure-A

Copy:

1. Technical circular file of S&R (P&B) Section Technical circular file of S&R (P&B) Section
2. NIC-for uploading on Ministry's website under "What's new" & "Comprehensive Compendium circulars"

Copy for kind information to:

1. PS to Hon'ble Minister (RT&H)
2. PS to Hon'ble MOS (RT&H)
3. OSD to Hon'ble MOS (Corporate Affairs and RT&H)
4. Sr. PPS to Secretary (RT&H)
5. Sr. PPS to DG (RD) & SS
6. Sr. PPS to Addl. Secretary (Transport)/Joint Secretary
7. Sr. PPS/ PPS to AS&FA
8. Sr. PPS/ PPS to all ADGs/ CEs



AMENDMENTS TO THE TERMS OF REFERENCE (TOR) FOR DPR CONSULTANTS IN HILLY ROAD PROJECTS

The following clause insertions and modifications shall be incorporated into the standard TOR document:

Addition of Clause 3.1.9 (Right of Way Envelopes for Slope Safety):

"3.1.9 For project stretches located in mountainous, steep, or hilly terrains, the Consultant shall delineate and define additional Right of Way (RoW) or permanent access envelopes beyond the standard carriage limits. This additional land acquisition mapping is mandatory for: (i) the construction of upper hill-side Catch Water Drains (CWDs) and catch pits required to intercept runoff past the standard road formation, and (ii) locations where slope stabilization systems (including soil nails, rock bolts, or active ground anchors) are structurally designed to extend past the normal highway boundary into competent structural strata."

Addition of Clauses 3.3.14 & 3.3.15 (Asset Mapping & Muck Disposal Site Ledger):

"3.3.14 Community Boundary Mapping: The Consultant shall map, document, and geo-tag every commercial/non-commercial building, structure, private land parcel, and utilities alignment located within a 100-meter zone on each side of the proposed edge of the Right of Way (PRoW). Deliverables must include date-and-time-stamped photographic and high-resolution video evidence of structure conditions to serve as an unalterable pre-construction baseline."

3.3.15 Muck Disposal Site Selection: The Consultant shall identify, investigate, and survey the exact coordinates of designated dumping yards and stacking areas for unusable excavated material or landslide debris. The locations must be firmed up during the DPR phase and mapped into the bidding schedules with certified volumetric capacities (m^3), ensuring that layout options do not cross or block local natural streams, valley channels, or river pathways."

Modification of Clause 4.11.2 (Topographic Surveys with LIDAR & UAV Drones):

"4.11.2 (2) For all hilly terrain stretches, the baseline topographic strip survey corridor shall be expanded to a minimum width of 300 meters (150 meters on either side of the existing alignment centerline or possible alternative options). This survey must be executed using high-precision LIDAR and AI-camera-equipped Unmanned Aerial Vehicles (UAV) Drones."

4.11.2 (6) Satellite InSAR Superimposition: The finalized topographic map must be mathematically superimposed with the Indian Landslide Susceptibility Map and historical past landslide inventories. The Consultant shall acquire and analyze multi-temporal satellite imagery via INSAR (Interferometric Synthetic Aperture Radar) or matching resources developed by the National Remote Sensing Agency to map active slope creep and micro-movements (quantified in mm/year) across the 300-meter influence strip. All surface tension cracks identified in the crown areas must be explicitly mapped for civil repair encapsulation."



SUPPLEMENT - IA

**ADDITIONAL REQUIREMENTS FOR SURVEYS, GEOTECHNICAL INVESTIGATIONS, AND DETAILED
PROJECT REPORT PREPARATION FOR HILL ROADS AND SLOPE STABILIZATION**

1. The Consultant shall complete the Feasibility Study and Detailed Project Report (DPR) for hill roads in strict compliance with IRC: SP:48 (Hill Road Manual), IRC: SP:106, and the methodologies detailed within the MoRT&H Expert Committee Report on Cost-Effective Long-Term Remedial Measures (28.11.2024) and the Hilly Terrain Project Preparation Directives (07.11.2025).

2. Additional Requirements: -

Clause Ref & Title	Mandatory Requirements for Stretches	Additional for Hill	Governing Reference Code	Technical
Clause 2.2 / Objective & Viability 2.3	Propose structural alternative cross-sections including tunnels, viaducts, and bridge bypass options to avoid excessive mechanical hill cutting, backed by complete seismic hazard evaluations. Incorporate complete specifications and BOQ items for multi-tiered slope treatments.		MoRT&H Code Para 3.1 & 5.1	305.14
Clause 4.1 (Part II) Components of DPR	Geotechnical Borehole Interval Boundaries: Execute detailed subsurface exploratory borings at targeted intervals of 500 meters or closer across critical zones. Exploration Depth Mandate: For deep cut profiles where finished vertical heights exceed 6.0 meters, the borehole boring depth must penetrate down to the full cutting line above the finished road level OR a minimum of 5.0 meters into competent bed stratum.		Policy Para 3.4 (viii)	Circular
Clause 4.11.3.2 Pavement & Soil	Advanced Strength Testing: Conduct Large-Scale Shear Box Testing on representative bulk samples obtained from		Expert Matrix B01-B04	Committee




	bouldery strata, coarse gravels, or river-borne debris mass. Strength Back-Analysis: For debris and talus formations showing structural signs of creep, execute mathematical Back-Analysis models assuming a Factor of Safety (FOS = 1).	
Clause 4.11.4.2 Hydrological Studies	Rainfall Threshold Mapping: For alignment packages passing through regions with mean annual rainfall exceeding 1800mm, or sub-sectors with documented cloudburst frequencies (>100 mm/hour), compile peak discharge (Q) streams using advanced rational GIS models. Toe-Scour Action Studies: Compute High Flood Levels (HFL) via hydrodynamic routing software (e.g., HEC-RAS).	IRC:SP:48 / IRC:75
Clause 4.12.7 Drainage Engineering	Design an interconnected multi-tiered drainage layout: upper Contour/Catch Water Drains (Code G12e) to cut off hillside sheet flows, combined with insitu Cement Concrete Lined Stream Channels scaled precisely to handle high velocity runoff. Eliminate typical cross-section drain generalizations.	Expert Committee Matrix G12a-G12e

3 The final layout geometry, architectural drawings, material specifications, and calculation models for slope stabilization items must be formally vetted, checked, and validated by an independent designated government/academic institution with proven geotechnical expertise (e.g., THDCIL, GSI, NIRM) prior to tender finalization.

4. The Consultant must utilize verified software mapping applications with geo-fenced cloud links to provide automated digital photos, video tracks, and spatial coordinate data stamps verifying actual field work execution.


