

# SAMAKHUSI – TOKHA – CHHAHARE ROAD UP-GRADATION PROJECT

## SALIENT FEATURES

SN	FEATURES	CHARACTERISTICS
<b>GENERAL</b>		
1	Name of Project	Samakhusi – Tokha – Chhahare Road Up-gradation Project
2	Type	Road
3	Project Concept	Linking Capital Kathmandu with northern area and forming the Strategic Material Transport Channel between Tibet and Kathmandu

### PROJECT LOCATION

1	Province	Province – 3 (Samkhusi – Tokha – Samgla – Thana Bhanjyang – Hattigauda – Salyantar – Thapagaon – Thasing – Dhikure – Chhahare)
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### PROJECT COMPONENT/DESIGN PARAMETER

1	Total Length	34.2 Km, including 4.175 km tunnel
2	Design Speed	40 km per hour
3	Cross Section	8.5 m ( 7 m carriageway + 0.75 m shoulder on either side )
4	Pavement Structure	5 cm Asphalt Concrete -13 fine graded asphalt mortar + Sealer + 20cm graded gravel + 20cm gravel soil
5	Tunneling	4.175 km tunnel on Sangla - Salyantar Section of 10 m width
6	Cross Drainage Structure	One major bridge, 15 medium and small bridges, 152 culverts

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#### DEVELOPMENT MODALITY

1	Development modality	Public Private Partnership (BOT)
2	Role of Government of Nepal	<ul style="list-style-type: none"> <li>■ Facilitation of legal approvals</li> <li>■ Government permits and approvals</li> <li>■ Provides Right-of-Way (ROW)</li> </ul>
3	Role of the Private Sector	<ul style="list-style-type: none"> <li>■ Plan, design, finance, construct and operate the project</li> <li>■ Toll collection</li> </ul>
4	Development Period	<ol style="list-style-type: none"> <li>1. Feasibility Study : 6 Months</li> <li>2. Business Negotiation: 6 month</li> <li>3. Financial close - 6 Months</li> <li>4. Investigation and Detail Design – 6 month</li> <li>5. Construction: 36 month</li> </ol>
5	Concession Period	Upto 30 years

#### INDICATIVE FINANCIALS

1	Total Project Cost	USD 265 million
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