

Government of Nepal
Ministry of Physical Infrastructure & Transport
Department of Roads
Development Cooperation Implementation Division

Nagdhunga Tunnel Construction Project

Date: Feb 14 2025

Request to Submit Inquiry Sheet for Market Sounding Survey (Stage 1: Inquiry)

Procurement of Operation and Maintenance Service Contract for Nagdhunga Tunnel

Nagdhunga Tunnel, located on the Tribhuvan Rajpath Highway, is the first road tunnel in Nepal and is scheduled to open traffic through the tunnel after completion of construction. Currently, a civil work contract has been undertaken by Department of Roads (DOR), Government of Nepal, supported by JICA loan. The constructed structure and installed facilities are planned to be handed over to the Employer, DOR in October 2025.

After handed over to DOR, Operation and Maintenance (O&M) of Nagdhunga Tunnel will be managed by DOR, with substantial on-site O&M work performed by an outsourced service provider (hereinafter referred to as the Service Provider) upto 5 years' time period. The expected entity shall be Joint-Venture (JV) of International (experienced in tunnel O&M) and Local firms.

The Service Provider shall undertake the overall operation and maintenance of Nagdhunga Tunnel to ensure safe and comfortable passage of vehicles in cooperation with the relevant stakeholders.

The overview of the Service includes the following responsibilities:

1. Overall Operations and Maintenance of the Nagdhunga Tunnel.
 - o Civil structures, physical facilities, and related infrastructure.
 - o Facilities to ensure optimal performance.
2. Collect and provide information for the safe and comfortable passage of vehicles through the tunnel including management from the beginning and end point of the service area.
3. Conduct emergency response operations in cooperation with related stakeholders for accidents and events within the service area.
4. Organize public relations and educational events to promote the proper use of the tunnel.

This Request for potential bidders to submit inquiry sheet for Market Sounding Survey (Stage 1: Inquiry) is for 2 purposes:

1. To invite for the next stage of Market Sounding Survey (Stage 2: Meeting), which will

 
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provide further detailed information to potential bidders,

2. To collect potential bidder's information. An interested entity, either international or local as individual without formulation of JV, may submit each inquiry sheet, which will be utilized for the meeting of Market Sounding Survey (Stage 2: Meeting) to provide bidding conditions e.g. Employer's requirements, qualifications etc. Your information provision is highly appreciated for the successful bidding.

Your inquiry sheet shall be sent by an e-mail with full contact details to nagdhungatcp@gmail.com and a leader of O&M Capacity Development of Nagdhunga Tunnel Construction Project as the Engineer, Nippon Koei Co., Ltd.: Mr. Takuya Kuramochi kuramochi-tk@n-koei.jp, by 17:00 Kathmandu time 25th February 2025. The form of inquiry sheet can also be downloaded from "www.dor.gov.np". Invitation for the meeting of Market Sounding Survey (Stage 2: Meeting) will be announced to the registered entities who submit the inquiry sheet. The meeting will be held by hybrid type, online and offline in Kathmandu, Nepal.

Yours Sincerely



(Er. Gyanendra Kumar Jha)

Project Director



Inquiry Sheet of Market Sounding Survey (Stage 1: Inquiry)

Contact Person(e-mail):

Name of Company:

Category	Inquiry	Response/Answer	Notes
1. General	<p>(1) In what regard, are you interested in this Project? A. To get experience of tunnel Operation & Maintenance(O&M) B. To get experience as first private toll road operator in Nepal C. To expect further O&M on other highways and tunnel in future D. Others</p>	<p>(if your answer is D, details of your interest is requested to be described)</p>	
2. Condition of Participation in the Tunnel O&M Service Provider Bidding.	<p>(1) What kind of data and/or information do you think DOR should provide to the potential bidders in prior to proposal (2) What conditions of the contract will make you more fascinated / interested for the Bidding? (3) What are the necessary or mandatory conditions for you to participate in the Bid and O&M of the Project? (4) What roles and risks do you wish DOR to take?</p>		
3. Track Record/ License (for international)	<p>(1) Does your company already have relevant track record of experience / business? Total year of experience is required to be filled in each: (2) Within this current 10 years, how many projects have you contracted and O&M of each: (if directly you operate and maintain highways by yourself, please note) (3) (On your answer in the previous question(2) of 3.) How much % of these contracts have you been completed? Top 5 completed % and total contracted years of your contracts are requested to fulfill in blanks. (if directly you operate and maintain highways by yourself, please note without filling in answer)</p>	<p>A. Tunnel O&M: _____ years B. Toll road O&M: _____ years</p> <p>A. Tunnel O&M: _____ projects B. Toll road O&M: _____ projects</p> <p>1. _____ % (total _____ years contract) 2. _____ % (total _____ years contract) 3. _____ % (total _____ years contract) 4. _____ % (total _____ years contract) 5. _____ % (total _____ years contract)</p>	


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Inquiry Sheet of Market Sounding Survey (Stage 1: Inquiry)

Name of Company: Category	Inquiry	Response/Answer	Notes
	<p>(4) (On your answer in the previous question(2) of 3.) Features of your contracts (tunnels and toll roads) are requested to fulfill number of your contracted projects into (blanks). If the contracts past / older than 10 years ago, the numbers are requested fill in notes.</p>	<p>[within this current 10years] <input type="checkbox"/> a. Road tunnel length is longer than 2.0 km <input type="checkbox"/> b. Road tunnel with evacuation tunnel (or double-tube) c. Safety management by yourself c.1. Implementation of preventive activities and response to emergency, including emergency mock drill or traffic restriction drill <input type="checkbox"/> c.2. Implementation of road safety campaign <input type="checkbox"/> c.3. Patrolling and surveillance inside the tunnel <input type="checkbox"/> c.4. Guard service for operational buildings, garages and office premises <input type="checkbox"/> c.5. Firefighting service <input type="checkbox"/> c.6. Rescue service <input type="checkbox"/> c.7. Towing service <input type="checkbox"/> d. Traffic monitoring and control system •Information collection by facilities and road users •Information provision to road users <input type="checkbox"/> e. Tunnel facility monitoring and control system <input type="checkbox"/> f. Tunnel facility maintenance by yourself <input type="checkbox"/> g. Civil structures maintenance by yourself <input type="checkbox"/> h. Toll collection by yourself</p>	<p>[Older contracts than 10 years] <input type="checkbox"/> a. <input type="checkbox"/> b. c. <input type="checkbox"/> c.1. <input type="checkbox"/> c.2. <input type="checkbox"/> c.3. <input type="checkbox"/> c.4. <input type="checkbox"/> c.5. <input type="checkbox"/> c.6. <input type="checkbox"/> c.7. <input type="checkbox"/> d. <input type="checkbox"/> e. <input type="checkbox"/> f. <input type="checkbox"/> g. <input type="checkbox"/> h.</p>
4. Others	<p>(1) We are considering 5-years contract of the Service for Nagdhunga Tunnel O&M from Department of Roads(DOR), Ministry of Physical Infrastructure and Transport(MOPIT), Government of Nepal. Do you have any concerns for the Service contract as the SP? If you have some concerns, description of your concerns is appreciated to be in brief.</p> <p>(2) (On your answer in the previous question(4) of 1.) What measures are effective as your idea to solve your concern? Description of your idea of measures is appreciated to be in brief.</p> <p>(3) (in future) Do you have interest, if PPP scheme will be applied after this O&M service provider contract (after 5-years)? If you have some concerns, description of your concerns is appreciated to be in brief.</p> <p>(4) Could you give your annual turn-over (Annual Volume) within last 5-years?</p>		

[Handwritten signature]

Inquiry Sheet of Market Sounding Survey (Stage 1: Inquiry)
 Contact Person(e-mail):

Name of Company: Category	Inquiry	Response/Answer	Notes
5. Detailed Information of 2-tunnels	<p>(S) Do you have any other questions, concerns, and requests to DOR?</p> <p>(On your answer in the previous question(4), 3) Further description of most suitable 2-experiences is requested according to every requirement if your each tunnel operation experience (tunnel A and B) meet them or not. *this is not for evaluation purpose</p> <p>a. Road tunnel length is longer than 2.0 km b. Road tunnel with evacuation tunnel (or double-tube)</p> <p>c. Safety management by yourself c.1. Implementation of preventive activities and response to emergency, including <u>emergency mock drill or traffic restriction drill</u> experience c.2. Implementation of road safety campaign c.3. Patrolling and surveillance inside the tunnel c.4. Guard service for operational buildings, garages and office premises c.5. Firefighting service c.6. Rescue service c.7. Towing service</p> <p>d. Traffic monitoring and control system •Information collection by facilities and road users •Information provision to road users</p> <p>e. Tunnel facility monitoring and control system f. Tunnel facility maintenance by yourself g. Civil structures maintenance by yourself h. Toll collection by yourself</p>	<p><u>Tunnel A information:</u> - Name: - Location in Google Map: e.g. https://maps.app.goo.gl/1VvdCX5x8McVRSSU7 - Coordination in Google Earth: e.g. 27°41'34.45"N 85°19'26.66"E</p> <p><u>Tunnel B information:</u> - Name: - Location in Google Map: e.g. https://maps.app.goo.gl/1VvdCX5x8McVRSSU7 - Coordination in Google Earth: e.g. 27°41'34.45"N 85°19'26.66"E</p>	


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