

Reply to Pre-Bid Queries

Name of the Project: Construction, Operation and Maintenance of 2-lane bi-directional Zojila Tunnel with parallel escape (Egress) Tunnel excluding approaches on Srinagar-Leh section connecting NH-1 at Km 95.00 and at Km 118.00 in the State of Jammu & Kashmir on EPC mode.

S. No.	Clause	Description	Suggestions/Query	Reply
1.	Clause 2.2.2.2 (iii) (a)	The Bidder shall have completed at least a single tunnel (rail/road/hydro/any other) of minimum 5 km length having minimum diameter of 5.5 m or minimum clear width and height of 5.5 m from the Eligible Projects specified in Clause 2.2.2.5,	We understand that in case of metro project, the experience of having done one tunnel including underground stations falling in between of lengths measuring minimum 5 km and having minimum dia. of 5.5 m shall meet the stipulated qualifying requirements. Kindly confirm.	Yes, it is confirmed that experience in the construction of metro tunnel including station and measuring minimum 5 Km and other criteria mentioned under clause 2.2.2.2 (iii) (a) shall be considered in accordance with clause 2.2.2.5 (iii)(a) and 2.2.2.5 (V) of RFP.

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2.	Clause 2.2.2.4 (iii)	For requirement of 2.2.2.2 (iii) (a), the work should have been completed by any of the JV partner in the capacity of sole member or a member having majority share in the consortium/JV for that project	<p>The experience of the bidder from a project executed by the bidder having majority share in the consortium/JV shall be available to the bidder in full for qualification. Kindly confirm.</p> <p>It is further requested to replace the "majority share" under clause 2.2.2.4 (iii) with a share of atleast 40% to make the full experience from such a project qualify under clause 2.2.2.5 (iii) (a).</p>	<p>Yes, full experience shall be counted and available to the bidder provided that the share in the Consortium/JV is atleast 40% in the project for which the experience is being claimed.</p> <p>Please refer to Amendment No:4.</p>
3.	Schedule-B Annex-1, 1.1.1	5025 m length 2 lane approach road deleted. But provision of loop road are kept.	The avalanche protection measures are to be considered in our scope or provision of avalanche protection measures for the road are also deleted, is the western bypass road is indicated as loop road?	<p>Avalanche Protection works are to be assessed and constructed by the selected bidder for the protection of both the portals. The SASE Report has been given for guidance purpose only. Avalanche protection measures along the approach roads are not in the scope of the work.</p> <p>No, the Western Bypass road is the requirement of Shri Amarnath Ji Shrine Board and the cost for the same shall be borne by it.</p>

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4.	Schedule-B Annex-1, 1.1.2	803 m approach road deleted. But provision of loop road are kept.	Clarification regarding loop roads are required. Is the eastern bypass road is indicated as loop road?	Loop roads on both East and West Portal are in the Scope of Work. The Project Highway starts from the starting point of loops on both portals. Please refer to Amendment No:2 for the approx. length of the Project Highway. No, the Eastern Bypass road is the requirement of Shri Amarnath Ji Shrine Board and the cost for the same shall be borne by it.
5.	Site facility and time dependent cost	Avalanche protection measures for east and west portals are considered under this cost	Type of avalanche protection works for east and west portals are not defined. Type of avalanche protection works for these places should be clarified.	The contractor has to make his own assessment as to the minimum work required for Avalanche Protection of both the portals and the type of the work required shall be as per the SASE report or finalized with it.
6.	Avalanche protection works for tunnel shafts	Avalanche protection measures for tunnel shafts are not mentioned, if any	Request to clarify the same.	As per RFP.

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7.	Article 29, Value Engineering	Contractor's Acceptance and Payment	The share of benefit allocated to Contractor is only 30%. It is requested that benefit may please be shared equally and share to contractor may please be revised to 50%.	As per Amendment No:2
8.	Article 31, Extraordinary Geological Occurrences	Temporary suspension Further, for avoidance of doubt, it is clarified that the EGO and its cost shall Risk Allocation Matrix The sum total of the cost towards EGO shall have the predetermined upper ceiling upto 5% of the Contract Price.	It is requested that the predetermined upper ceiling of 5% may please be removed and contractor shall be compensated for both time and cost on actual basis.	As per RFP.

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9.	Schedule B, Annexure 1 Development of the Project	<p>The construction of the main and the egress tunnel to include -----</p> <p>-During winter season, for a period of four months, construction works from the western portal and from construction access shafts No land 2 may not be feasible due to closure of the National Highway NH-1. However construction from the eastern portal will be possible round the year.</p>	<p>Huge inventory would have to be maintained in order to work during winters at Eastern Portal. Maintaining inventory of items such as explosives for 4 to 5 months will not be feasible to the contractor due to limited storage permit, logistic issues and extra financial burden. It is requested that authority may please maintain stock of material materials such as cement, steel , diesel and explosive required during winter and supply these materials to contractor during winter.</p>	<p>The Contractor has to make his own arrangement in this regard.</p>
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10.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	Adverse Climatic Conditions including heavy rains Constrained Access to Site	Risk Allocated to Employer is Nil. The heavy rains and floods such as observed during 2014 in Srinagar can disrupt all the supplies to the project and hamper the work. It is requested that this risk may please be allocated to the Employer and Contractor shall be compensated for both time and cost.	As per RFP (R1).
11.	Annexure to Article 21 Annexure -1, Risk Allocation & Matrix between the parties	Political & Social Risks	Provision of EOT has been only been made for these risks. It is requested that contractor may please be compensated for actual cost on this ground.	As per RFP (R1).

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12.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	Underground Excavations: Occurrence of sudden loose fall/Chimney formation due to geological reason beyond the control of contractor >=5 m deep from the Design crown level. Extraordinary Geological Occurrences (EGO)	It is requested that cost sharing by Contractor on this ground may please be kept at Nil and contractor may please be compensated for actual cost incurred,	As per RFP (R1).
13.	Annexure to Article 21 Annexure -1, Risk Allocation & Matrix between the parties	Squeezing ground conditions substantially adverse	Provision of EOT has been only been made for these risks. It is requested that contractor may please be compensated for actual cost on this ground.	As per RFP (R1).

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14.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	Ingress of water higher than 4000 liters per minute within 100 m from the tunnel face Occurrences of hot water springs beyond limit of 50 degrees centigrade	Provision of EOT has been only been made for these risks. It is requested that contractor may please be compensated for actual cost on this ground.	As per RFP (R1).
15.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	Occurrence of Rock busting ground conditions hindering normal tunneling activities	It is requested that this event may please be considered as EGO and contractor may please be compensated for both time and cost	As per RFP (R1).

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16.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	General Hazard, Opposition by the land rehabilitees	Provision of EOT has been given for the delays on this ground. It is requested that contractor may please be compensated for actual cost also.	As per RFP (R1).
17.	Annexure to Article 21 Annexure - 1, Risk Allocation & Matrix between the parties	General Hazard, Non availability of explosives in time due to security reasons	Contractor cannot keep stock provision to cater shortage of explosive supply due to limit on storage quantity of explosives. it is requested that the contractor may please be compensated for both time and cost.	As per RFP (R1).

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18.	Annexure to Article 21 Annexure - I, Risk Allocation & Matrix between the parties	General Hazard, Damage to third parties due to construction of Project Highway road provided the damage is not due to fault of Contractor	It is requested that the contractor may please be compensated for both time and cost.	As per RFP (R1).
19.		Water Logging of tunnels & Shafts during winter	Dewatering of tunnels & shafts will not be feasible during winter season. The tunnel stretches below shafts and shaft may get waterlogged during the winter months. This will require additional time and cost for dewatering of shafts upon resumption of work after winter season. This risk may please be added to the Risk matrix and provision of EOT and actual cost compensation may please be kept against this risk	As per RFP (R1).

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