

**National Highways & Infrastructure Development Corporation Limited**  
**(Ministry of Road Transport & Highways, Government of India)**

**Second Minutes of Meeting of Technical Evaluation Committee (TEC) to evaluate technical bids for “Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh”.**

**Date:** 18.08.2020 (11:00AM)

**Venue:** NHIDCL, New Delhi

Member Secretary of the committee apprised that based on the recommendation of Technical Evaluation Committee (TEC) in the meeting held on 10.08.2020 and after approval of the Competent Authority, all the Bidders vide this office letter dated 10.08.2020 were asked to furnish their clarifications upto 14.08.2020. The clarifications were received from all three bidders before the given deadline.

2. Technical Bids were further evaluated by Technical Evaluation Committee (TEC) on 18.08.2020. TEC discussed and deliberated on the Technical evaluation and the replies given by all three bidders in response to the clarification sought. The reply of all the three bidders are acceptable to the Technical Evaluation Committee and the comments of TEC thereon are enclosed at Annexure-A. Also the committee arrived at a decision that all 03 bidders meet the eligibility criteria for technical qualification as detailed below:

**Cost Put to tender: Rs. 4429.83 Cr (excluding GST)**

S No.	Applicant/ Bidder Name ↓	Eligibility Criteria ⇒	Threshold Technical Capacity (TTC) as per the RFP (Rs in Cr)	Net Worth as per the RFP (Rs in Cr)	Minimum Average Annual Turnover (AAT) for the last 5 Financial Years (Rs in Cr)	Minimum required Bid Capacity (BC) (Rs in Cr)
		Requirement for sole or Total JV	Rs. 8859.65 Cr	Rs 221.49 Cr	Rs. 885.97 Cr	>Rs 4429.83 Cr
		In case of JV: for LM For OM	5315.80 Cr 1771.93 Cr	132.89 Cr 44.30 Cr	531.58 Cr 177.19 Cr	2657.89 Cr 885.97 Cr
1.	M/s L&T Construction		29270.79	52140.48	72542.61	870319
2.	M/s Megha Engineering & Infrastructure Ltd		13906.77	11473.64	13739.34	221188.39
3.	M/s IRCON International Limited-APCO Infratech Pvt. Ltd. (JV)	<b>Total=</b>	<b>25514.27</b>	<b>5081.26</b>	<b>6375.09</b>	<b>94120.05</b>
		LM-18186.85	LM-4160.37	LM-4375.47	LM-58349.08	
		OM-7327.42	OM-920.89	OM-1999.62	OM-35770.97	

**Similar work experience [Ref: Clause 2.2.2.2 (iii)]**

S No.	Applicant/ Bidder Name	Name of the project	Tunnel Specification				Completed Cost of the Tunnel	Remark
			Shape	Diameter (m)	Finished C/s Area (sqm)	Length (km)	(Rs in Cr)	
1.	M/s L&T Construction	1200MW Punatsangchhu HEP, Bhutan	Circular	11	95.03	1.427	2733.90	Qualifying the criteria as per Clause 2.2.2.2 (iii) (a) & (b)
			Circular	11	95.03	1.296		
			Oval shaped with two side hopper	27x18	342.17	1.32		
			Total				4.043	
		330 MW Shrinagar HEP, Uttarakhand, India	Circular	9.8	75.43	1.178	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)
			Circular	9.8	75.43	1.310		
			Total				2.488	
		2000MW Subansiri HEP, Assam & Arunachal Pradesh, India	Horse Shoe	9.5	74.84	4.200	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)
		Aggregate length of tunnel					10.731	
2.	M/s Megha Engineering & Infrastructure Ltd	Dr. B.R. Ambedkar Pranahitha Chevella Sujala Sravanthi Lift Irrigation Scheme, Link-II, Package-8	D-Shape (Main twin-tube Tunnel)	10	90.50	2.11	2652.13	Qualifying the criteria as per Clause 2.2.2.2 (iii) (a) & (b)
			D-Shape (Adit Tunnel)	7.50	50.91	0.65		
			D-Shape (Access Tunnel)	8	57.92	0.10		
			D-Shape (Approach Tunnel)	9	73.30	0.11		
			D-Shape (Ventilation Tunnel)	8	57.92	0.06		
			D-Shape (Emergency vacating Tunnel)	8	57.92	0.62		
			D-Shape (Adits-A,B, & CTunnel)	8	57.92	0.27		
			D-Shape (Connecting Tunnel)	10.5	99.78	0.15		
			Total				4.07	

		PRANAHITA-CHEVELLA LIFT IRRIGATION SCHEME LINK-IV-PACKAGE-11	D-Shape (Main Tunnel)	9.50	81.68	1.67	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)		
			D-Shape (Adit Tunnel)	8.00	57.92	0.26				
			Total			1.93				
		PRANAHITA-CHEVELLA LIFT IRRIGATION SCHEME LINK-IV-PACKAGE-12	D-Shape (Main Adit Tunnel)	9.00	73.31	4.65	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)		
			D-Shape (Adit Tunnel)	8.00	57.92	0.65	-			
			Total			5.30				
		Dr.B.R. Ambedkar-Pranahith-Chevella Sujala Sravanthiu-Link-II- Package-7	D-Shape (Main Tunnel)	10.00	90.50	4.88	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)		
			D-Shape (Adit Tunnel)	8.00	57.92	0.44	-			
			Total			5.32				
		Aggregate length of tunnel					16.62			
		3.	M/s IRCON International Limited- APCO Infratech Pvt. Ltd. (JV)							
		M/s IRCON	Pir Panjal railway Tunnel	Modified Horse Shoe	8.43	56.86	11.216	1431.10	Qualifying the criteria as per Clause 2.2.2.2 (iii) (a) & (b)	
				Total			11.216			
		M/s APCO	Z-Morh Tunnel	D-Shape (Main tunnel)	12 (unlined)	120	1.922	-	Qualifying the criteria as per Clause 2.2.2.2 (iii) (b)	
				D-Shape (Ventilation tunnel)	10 (unlined)	80	0.440	-		
Total				2.362						
Aggregate length of tunnel					13.58					

  
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3. Member Secretary also apprised the committee that a Technical Presentation on the subject work was held on 14.08.2020 under the Chairmanship of Secretary, RTH wherein the 3 (three) bidders i.e. M/s IRCON-APCO (JV), M/s Larsen & Toubro and M/s Megha Engineering & Infrastructure Limited demonstrated their Technical Capacity through a Power Point Presentation complying with the requirements mentioned in Annexure-X of Appendix-IA of RFP. All the 3 bidders demonstrated their Technical Capacity comprehensively which was found satisfactory by the committee headed by Secretary, RTH.

4. After due deliberations TEC agreed and recommended the opening of financial proposals of all 03 (three) bidders as follows after obtaining approval from the Competent Authority:

- (i) M/s L&T Construction
- (ii) M/s Megha Engineering & Infrastructure Ltd
- (iii) M/s IRCON International Limited- APCO Infratech Pvt. Ltd. (JV)

Meeting ended with vote of thanks to the Chair.

  
Sh. Bhaskar Mallick  
Manager (Fin.)  
(Member)

  
Sh. A.K. Jha  
GM (Tech.)  
(Member)

  
Sh. B. Shivprasad  
GM (Tech.)  
(Member Secretary)

  
Sh. Sanjeev Malik  
Executive Director-III  
(Chairman)