

Tender ID: 2025_NHIDC_843756_1

दिनांक: 18.02.2025

विषय: Consultancy Services as Independent Engineer during Operation and Maintenance of Z-Morh tunnel including approaches on Srinagar Sonamarg section connecting National Highway no. 1 in the UT of J&K on DBFOT annuity basis.

Amendment No. 2

Sl. No	Reference/Clause no./ Annexure	Existing Provision	Modified Provision (To be read as)
1.	NIT& RFP (Everywhere as applicable, except at Clause 1.1 of Section-6 of RFP)	Consultancy Services as Independent Engineer during Operation and Maintenance of Z-Morh tunnel including approaches on Srinagar Sonamarg section connecting National Highway no. 1 in the UT of J&K on DBFOT annuity basis	Consultancy Services as Independent Engineer during Operation and Maintenance of Sonamarg Tunnel including approaches on Srinagar Sonamarg section connecting National Highway no. 1 in the UT of J&K on DBFOT annuity basis
2.	Para 2 of NIT	RFP is invited from eligible Consultants for engaging Independent Engineer on the basis of International Competitive Bidding. The selection of Independent Engineer would be on QCBS Basis with 70:30 weightage for Technical and Financial scores respectively	RFP is invited from eligible Consultants for engaging Independent Engineer on the basis of International Competitive Bidding. The selection of Independent Engineer would be on QCBS Basis with 80:20 weightage for Technical and Financial scores respectively
3.	Table 1 of Clause 1 of Section 1 of RFP	Project Length: 11.98 Km	Project Length: 11.98 Km (including 6.412 Km single tube bi-directional tunnel)
4.	Sub clause A) of Clause 18 of Section 1 of RFP	Eligibility criteria for sole applicant firm	Table modified as per Annexure-1
5.	Section 1: Information to consultants, Clause No. 18 A) Eligibility criteria for sole applicant firm, Subclause i. of Clause 10 of Datasheet, Note 3 under Appendix EC and Point no. 3 under Note Clause 3.6 of Appendix EC	** Similar Category of project means : 1: Tunnel project having twin tube (including tunnel(s) for roads/Railway/Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter (each tube) or 2lane highway tunnel for which RFP is invited. For this tunnel project having twin tube (including tunnel(s) for roads/Railway /Metro rail/irrigation/ hydro-electric etc.) having at least 5 meter diameter (each tube) or 2 lane highway tunnel experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5	# Similar Category of project means : (i) Tunnel project having twin tube (including tunnel(s) for roads/Railway/Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter (each tube) (ii) Experience of tunnel project having twin tube (including tunnel(s) for roads/Railway /Metro rail/irrigation/ hydro-electric etc.) having diameter more than 8 meter (each tube) will be considered with a multiplication factor of 1.5.

		meter diameter (each tube) or 4/6 lane highway tunnel also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter will be considered with a multiplication factor of 0.4.	(iii) Experience of single tube tunnel (including tunnel(s) for Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter will be considered with a multiplication factor of 0.4.
6.	Note in Sub Clause B) Eligibility Criteria for partner in case of JV of Clause 18 of Section 1 of RFP	The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm's experience would get full credit if it was the sole firm in the respective assignment. Experience weightage for firms joining Lead partner JV partner shall be considered in the same proportion as payment has been received *** by the firm towards consultancy work in the project.	The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm's experience would get full credit if it was the sole firm in the respective assignment. Experience weightage for firms joining Lead partner JV partner shall be considered in the same proportion as payment has been received *** by the firm towards consultancy work in the project. To establish this, the bidder needs to submit a document certifying the share from the Authority /Statutory Auditor.
7.	Clause 1 of Appendix-EC of RFP	Evaluation Criteria for Assessment of experience of the firm	Table modified as per Annexure-2
8.	Clause 3.1 of Appendix EC of RFP	Team Leader cum Senior Tunnel Expert	Clause modified as per Annexure-3
9.	Sub clause 2(ii) of Clause 3.2 of Appendix EC of RFP	<u>Resident cum Highway Engineer</u> Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on O&M works (similar configuration (2/4/6 laning*) and above). < 5 years -0 5 years -16 Add 1 marks extra for each additional year of experience subject to maximum 4 (four) marks.	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on O&M works (similar configuration (2/4/6 laning**) and above). < 5 years -0 5 years -16 Add 1 marks extra for each additional year of experience subject to maximum 4 (four) marks.
10.	Sub clause ii) of 2 of Clause 3.5 of Appendix EC of RFP	<u>Senior Pavement Specialist</u> Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6	Experience in Similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration

		laning**) and above) < 5 years -0 5 years -16 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.		(2/4/6 laning**) and above) < 5 years -0 5 years -16 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	
11.	Clause 3.6 of Appendix EC of RFP	Senior Geologist		Clause modified as per Annexure-4	
12.	Clause-1 (1) of Enclosure-B of TOR of RFP Essential qualifications for Team Leader cum Senior Tunnel Expert	c. Professional Experience of at least 15 years in handling major tunnelling projects e. At least 5 years' experience as Team Leader/Resident Engineer/Project Manager or similar capacity in supervision of transportation tunnel projects of length equal to or more than 4 Km		c. Professional Experience of at least 10 years in handling major tunnelling projects e. At least 5 years' experience as Team Leader/Resident Engineer/Project Manager or similar capacity in supervision of transportation tunnel projects of length equal to 25 % of similar category#	
13.	Clause-2 I of Enclosure-B of TOR of RFP Essential qualifications for Resident cum Highway Engineer	-		New sub clause e. He should have handled as Resident Engineer or similar capacity of at least one projects in Construction Supervision of transportation tunnels equal to more than 1.5 Km length.	
14.	NIT & RFP	Bid Submission Start Date	01.02.2025(1100 Hrs)	Bid Submission Start Date	05.02.2025 (1100 Hrs)
		BID Due date	08.02.2025(1500 Hrs)	Bid Due date	28.02.2025 (1500 Hrs)
		Opening of Technical BIDs at venue	10.02.2025 (1400 Hrs)	Opening of Technical Bids at venue	01.03.2025 (1500 Hrs)

(आशीष गुप्ता)

उप महाप्रबंधक (तक.)
श्रीनगर भौगोलिक प्रभाग

Annexure-1**Eligibility criteria for sole applicant firm.**

S No	Experience of the firm in last 7 years		Annual Turnover
	Preparation of DPR (NH/SH/Equivalent)	Project Supervision/IC (NH/SH/Equivalent)	
1 (a).	The firm should have minimum experience of preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel Project of aggregate length equal to the project tunnel length or more of ' Similar category# ' for which RFP is Invited.	The firm should have minimum experience of Project Supervision / Independent Engineer/ Authority's Engineer/ IC of Tunnel project of aggregate length equal to the project tunnel length or more of ' Similar category# ' for which RFP is Invited.	Annual turnover (updated average of last 3 years) of the firm from consultancy business should be equal to or more than 2% of Estimated Project Cost.
1 (b).	Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one Tunnel project of ' similar category# ' of project length equal to 30% of project tunnel length.	Firm should have minimum experience of Project Supervision / Independent Engineer/ Authority's Engineer of at least one Tunnel project of ' similar category# ' of project length equal to 1 km in O&M or DLP stage	

Evaluation Criteria for Assessment of Experience of the Firm.

S.No.	Description	Max. Marks	Reference/ Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
1	Average Annual Turnover (last 5 years) from consultancy business <Rs. 2% of TPC– 0 marks Rs. 2% of TPC - 1.5marks Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks.	2		
2	Nos. of Highway Professionals with the firm *	2		
2.1	<10	0		
2.2	10-20	1		
2.3	>20 but ≤30	1.5		
2.4	>30	2		
2A	Nos. of Tunnel Professionals with the firm **	3		
2.1	<5	0		
2.2	05–08	1		
2.3	>08 but ≤10	2		
2.4	>10	3		
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/ Traffic Management / Geology/ Environment Science or Engineering and 8 years' experience in highway/ bridge with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.				
** Tunnel professionals who possess degree in Civil Engineering / Mining Engineering or equivalent and 8 years' experience in Major tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.				
3	Experience as Independent Engineer/Authority Engineer/Construction Supervision in Number of projects having at least one tunnel of length equal to 40% of similar category # for which RFP is invited or more in last 10 years 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/ Independent Engineer for each extra project subject to maximum 2(Two) marks.	10		
4	Experience in DPR preparation for Number of Tunnel Projects of length equal to 40% of similar category # for which RFP invited) or more in last 10years. 1project–4marks, Add 0.5(Zero point five) marks extra for each additional project subject to maximum1 mark.	5		
5	In hand DPRs of Tunnel projects for MoRT&H/NHAI/NHIDCL/ Railways/ Metro projects/ PWDs/State Authorities (presently under progress)	5		
5.1	<2	0		
5.2	2-5	3		
5.3	>5	5		
6	Experience in Construction Supervision/DPR/Design Review	3		

	of Major structures having length of more than 500 meter in last 7 years. 1 project–2.0 marks Add 0.5(Zero point five) marks extra for each additional project subject to maximum 1.0 mark			
7	Experience as Independent Engineer/ Supervision Consultants on O&M project under DBFOT/OMT/O&M/ DLP of tunnel projects in last 10 years 1 project - 6 marks Add 1 (one) marks extra for each additional project subject to maximum 4 marks.	10		

Annexure-3

3.1 Team Leader cum Senior Tunnel Expert

S. No.	Description	Max. Points	Reference/ Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
1	General Qualification	25		
I)	Graduate in Civil/ Mining Engineering or equivalent	21		
II)	Post-Graduate or chartered engineer in Mining Engineering/ Geotechnical Engineering /Structural Engineering/Rock Mechanics or equivalent	04		
2	Adequacy for the Project	70		
	Total Professional Experience			
a i)	Total Highway/Tunnel Professional Experience <10 years -0 10years -16 marks Add 1 marks extra for each additional year of experience subject to maximum 4(Four)marks.	20		
a ii)	Total professional experience in handling tunnelling projects <10 years – 0 marks 10 years – 6 marks Add 1 mark extra for each additional year of experience subject to maximum 4(four)marks.	10		
b	Experience in Similar Capacity			
b i)	Experience as Team leader or in Similar Capacity in O&M of completed tunnel projects (Road/Rail/Metro) of length equal to 25% of similar category# for which RFP is invited or more <2 years – 0 marks 2 years – 5 marks Add 2.5 marks extra for each additional year of experience subject to maximum 10 marks	10		
b ii)	Experience as Team leader or in Similar Capacity in construction supervision of completed tunnel projects (Road/Rail/Metro) of length equal to 25% of similar category# for which RFP is invited or more <5 years – 0 marks 5 years – 10 marks Add 2 marks extra for each additional year of experience subject to maximum 10 marks	20		
b iii)	Experience in similar capacity in Highway/Tunnel Projects taken up under PPP 1 project - 4 marks add 3 mark extra for additional projects subject to maximum 6 (six) mark	10		
3	Employment with the Firm <1 year- 0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2marks	5		
	Total :	100		
	Age Limit		65 years on the date of submission of proposal	

Note:

1. Similar Capacity includes the following positions
 - i. On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision /IE/AE)
 - ii. On behalf of Contractor: Project Manager (Construction/Construction Supervision)
 - iii. In Government Organizations: Superintending Engineer (or equivalent) and above.
2. Tunnel projects, unless specifically mentioned, to be considered for evaluation has to be major tunnels of length equal to or more than 1.5 Km

Annexure-4

Senior Geologist:

S. No.	Description	Max. Points	Reference/ Details of projects Claimed for self-assessment	Marks self-assessed by the bidder
1	General Qualification	25		
1)	Masters in Geology /Applied Geology from recognized university.	25		
2	Adequacy for the Project	70		
	Total Professional Experience			
a i)	<<20 years – 0 20 years – 15 marks Add 1 mark extra for each additional year of experience subject to maximum 5(five) marks.	20		
A ii)	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro) using NATM technology < 5 years – 0 5 years – 12 marks Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three)marks.	15		
b	Experience in Similar Capacity			
b i)	Experience in major Tunnel (Road/Rail/Metro) Construction works in similar capacity < 7 years – 0 7 years – 12 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	15		
b ii)	Experience in similar capacity in project preparation/DPR involving of major tunnel projects (Road/Rail/Metro) (Min1 year experience in a project) <2 projects – 0 2 projects -7 marks Add 1.5marks extra for each additional projects subject to maximum 3 (three) marks.	10		
b iii)	Experience in similar capacity in road/rail/metro tunnel construction/ construction supervision with minimum length equal to 25% of similar category# < 2 projects – 0 2 project – 7 marks Add 1.5 markd extra for each additional year of experience subject to maximum 3 (three)marks.	10		
3	Employment with the Firm <1 year- 0 1 year – 3 marks Add 0.5 mark extra for each additional year of experience subject to maximum 2marks	5		

Total :	100	
Age Limit		65 years on the date of submission of proposal

Note:

1. Similar Capacity includes the following positions: -

i. on the behalf of Consultant/ Contractor: Senior Geologist.

ii. In Govt. Organizations: Executive Engineer (or equivalent) and above

2. Tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation.
