

GOVERNMENT OF HIMACHAL PRADESH

HIMACHAL PRADESH STATE ROADS TRANSFORMATION PROGRAM (HPSRTP)

Request for Expression of Interest

Tender reference no.: IN-HPRIDC -425860-CS-QCBS for "Consultancy Services for detailed feasibility and detailed engineering design of 221 km state road network".

CORRIGENDUM-IV


Sl. No.	REoI Section / Clause	Existing Clause/ Reference	To Be Read As
1.	Request for Expression of Interest (REoI) issued dated January 29, 2025 and subsequent revisions vide Corrigendum-I & II	Request for Expression of Interest (REoI) has been revised and is available at the following websites/ <u>URL:-</u> http://himachalservices.nic.in/hpridc/ .	
5.	Qualifications and experience of <u>Senior Highway Engineer cum Team Leader</u>, Staff Qualification and Experience of Key and sub-key personnel, Appendix 3 Revised Terms of Reference, Corrigendum-II	<u>Senior Highway Engineer cum Team Leader</u>	
		i) Educational Qualification	
		Essential	Graduate in Civil Engineering
		Desirable	Masters in Civil Engineering (Highways Engineering/ Transportation Engineering/Infrastructure Engineering)
		ii) Essential Experience	
		a) Total Professional Experience	Min. 15 years
b) Experience in Highway projects	<ul style="list-style-type: none"> Min. 10 years in Planning, project preparation and design of Highway projects, including 2/4/6 laning of NH/SH/ expressways/ 		
		<u>Senior Highway Engineer cum Team Leader</u>	
i) Educational Qualification			
Essential	Graduate in Civil Engineering		
Desirable	Masters in Civil Engineering (Highways Engineering/ Transportation Engineering/Infrastructure Engineering)		
ii) Essential Experience			
a) Total Professional Experience	Min. 15 years		
b) Experience in Highway projects	<ul style="list-style-type: none"> Min. 10 years in planning, project preparation, and design of highways projects including hill roads with a focus on 		

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		<p>externally aided projects.</p> <ul style="list-style-type: none"> • Have handled at least two highway DPR projects of clients like MoRT&H/NHAI/PWD as Team Leader. • For hill roads, respective hill roads experience is required. Experience in hill road shall be preferred. • Planning, Project Preparation and Design of 50 km of hill roads (intermediate/ two/four lane) as Highway Engineer or Team Leader. • 5 years as 'Highway Engineer' in major DPR/ Construction Supervision projects. • Experience in projects funded by World Bank/ADB/AIIB/NDB or any other external aid agency in DPR preparation for upgradation on SHs/MDRs. • Thorough experience on design, procurement and management of major highway projects is essential especially on projects funded by World Bank/ADB/AIIB/NDB etc. Knowledge of international "best practices" and modern highway construction technology is important. • The candidate must have proven 	<p>international best practices in tunnels, long-span bridges, and viaducts.</p> <ul style="list-style-type: none"> • Must have worked on at least two DPR projects for highways involving tunnels, long-span bridges, or viaducts. • Must have experience in handling multidisciplinary teams across multiple countries and working with global infrastructure firms on hill road projects. • Planning, Project Preparation and Design of 50 km of hill road (intermediate/ two/four lane) as Highway Engineer or Team Leader. • 5 years as 'Highway Engineer' in major DPR/ Construction Supervision projects. • Experience in projects funded by World Bank/ADB/AIIB/NDB or any other external aid agency in DPR preparation for upgradation on NHs/SHs/MDRs. <p>c) Experience in similar capacity (Either as Team Leader</p> <ul style="list-style-type: none"> • Proven track record as Team Leader or similar leadership role in feasibility studies of two / Four/ Six Laning

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			record as Team Leader for preparation of DPR of a large project or as project manager for several projects concurrently.	or in Similar capacity)	works, DPR preparation of two / Four/ Six Laning works of major highway projects (NHs/ SHs/ MDRs/ Expressways) for minimum aggregate length of 100 km. • Must have worked in projects of 2-Lane or larger highway development in hilly terrain, incorporating tunnels and long-span viaducts, preferably in projects where modern tunnelling and bridge engineering solutions were implemented.																																		
		c) Experience in similar capacity (Either as Team Leader or in Similar capacity)	In Feasibility Study of two / Four/Six Laning works and DPR/ Construction Supervision of Two/Four/six laning of major highway projects (NH/SH/Expressways)/ feasibility study cum detailed project report of two/ four laning projects of minimum aggregate length of 100 km. For hill roads, respective hill roads experience is required.																																				
3.	Qualifications and experience of Senior Bridge/ Structural Engineer, Staff Qualification and Experience of Key and sub-key personnel, Appendix 3 Revised Terms of Reference, Corrigendum-II	<table border="1"> <tr> <td data-bbox="584 794 869 858">i)</td> <td data-bbox="869 794 1317 858">Educational Qualification</td> <td data-bbox="1317 794 2024 858"></td> </tr> <tr> <td data-bbox="584 858 869 922"></td> <td data-bbox="869 858 1317 922">Essential</td> <td data-bbox="1317 858 2024 922">Graduate in Civil Engineering or equivalent</td> </tr> <tr> <td data-bbox="584 922 869 986"></td> <td data-bbox="869 922 1317 986">Desirable</td> <td data-bbox="1317 922 2024 986">Masters in Bridge Engineering / Structural Engineering</td> </tr> <tr> <td data-bbox="584 986 869 1050">ii)</td> <td data-bbox="869 986 1317 1050">Essential Experience</td> <td data-bbox="1317 986 2024 1050"></td> </tr> <tr> <td data-bbox="584 1050 869 1145"></td> <td data-bbox="869 1050 1317 1145">a) Total Professional Experience</td> <td data-bbox="1317 1050 2024 1145">Min. 15 years</td> </tr> <tr> <td data-bbox="584 1145 869 1382"></td> <td data-bbox="869 1145 1317 1382">b) Experience in Bridge projects</td> <td data-bbox="1317 1145 2024 1382"> <ul style="list-style-type: none"> • Min. 10 years in project preparation, design and construction of bridges and structures in bridge projects. • 5 years as 'Bridge/ Structural Engineer' in major DPR/ Construction Supervision </td> </tr> </table>	i)	Educational Qualification			Essential	Graduate in Civil Engineering or equivalent		Desirable	Masters in Bridge Engineering / Structural Engineering	ii)	Essential Experience			a) Total Professional Experience	Min. 15 years		b) Experience in Bridge projects	<ul style="list-style-type: none"> • Min. 10 years in project preparation, design and construction of bridges and structures in bridge projects. • 5 years as 'Bridge/ Structural Engineer' in major DPR/ Construction Supervision 	<table border="1"> <tr> <td data-bbox="1317 794 1599 858">i)</td> <td data-bbox="1599 794 2024 858">Educational Qualification</td> <td data-bbox="2024 794 2024 858"></td> </tr> <tr> <td data-bbox="1317 858 1599 922"></td> <td data-bbox="1599 858 2024 922">Essential</td> <td data-bbox="2024 858 2024 922">Graduate in Civil Engineering or equivalent</td> </tr> <tr> <td data-bbox="1317 922 1599 986"></td> <td data-bbox="1599 922 2024 986">Desirable</td> <td data-bbox="2024 922 2024 986">Masters in Bridge Engineering / Structural Engineering</td> </tr> <tr> <td data-bbox="1317 986 1599 1050">ii)</td> <td data-bbox="1599 986 2024 1050">Essential Experience</td> <td data-bbox="2024 986 2024 1050"></td> </tr> <tr> <td data-bbox="1317 1050 1599 1145"></td> <td data-bbox="1599 1050 2024 1145">a) Total Professional Experience</td> <td data-bbox="2024 1050 2024 1145">Min. 15 years</td> </tr> <tr> <td data-bbox="1317 1145 1599 1382"></td> <td data-bbox="1599 1145 2024 1382">b) Experience in Bridge projects</td> <td data-bbox="2024 1145 2024 1382"> <ul style="list-style-type: none"> • Min. 10 years in project preparation, design and construction of bridges and structures in bridge projects. • 5 years as 'Bridge/ Structural Engineer' in major DPR/ Construction Supervision </td> </tr> </table>	i)	Educational Qualification			Essential	Graduate in Civil Engineering or equivalent		Desirable	Masters in Bridge Engineering / Structural Engineering	ii)	Essential Experience			a) Total Professional Experience	Min. 15 years		b) Experience in Bridge projects	<ul style="list-style-type: none"> • Min. 10 years in project preparation, design and construction of bridges and structures in bridge projects. • 5 years as 'Bridge/ Structural Engineer' in major DPR/ Construction Supervision
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			<p>projects.</p> <ul style="list-style-type: none"> • Knowledge of various internationally accepted design codes & methodologies and familiarity with international 'best practices' is essential. • The candidate must have capability to design bridges using most economical sections with various alternative materials and structural arrangements. • Experience in designing and implementing bridge rehabilitation is required. • The candidate must have the experience of planning and monitoring geotechnical and hydraulic investigations for the bridges and interpreting the findings thereof. • Good working experience & knowledge of bridge design software like STAAD Pro / MIDAS. 		<p>projects.</p> <ul style="list-style-type: none"> • Must have experience in working across multiple countries with global infrastructure firms on hill road projects. • Knowledge of various internationally accepted design codes & methodologies and familiarity with international 'best practices' is essential. • The candidate must have capability to design bridges using most economical sections with various alternative materials and structural arrangements. • Experience in designing and implementing bridge rehabilitation is required. • The candidate must have the experience of planning and monitoring geotechnical and hydraulic investigations for the bridges and interpreting the findings thereof. • Good working experience & knowledge of bridge design software like STAAD Pro / MIDAS.
		c) Experience in similar capacity	Bridge Engineer in highway design consultancy projects (2/4/6 lane NH/SH/Expressways/externally aided projects) involving design of minimum two major bridges (length more than 200 m)	c) Experience in similar capacity	<ul style="list-style-type: none"> • Bridge Engineer in highway design consultancy projects (2/4/6 lane NH/ SH /Expressways / externally aided projects) involving design of minimum two

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				<p>major bridges (length more than 200 m)</p> <ul style="list-style-type: none"> • Must have experience in the design of least one innovative bridge or viaduct of at least one single clear span of 70m or more in challenging environments such as deep gorges, rivers or urban settlements, utilizing advance structural techniques.


 Director (Projects),
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