

SUMMARY SHEET (TECHNICAL EVALUATION)

Sr No.	Name of Firm	Experience of firm	Experience of firm in use of new technology	Team Leader (12)			Resident Engineer (06)			Bridge/ Structural Engineer (06)			SQME (06)			Road Safety Expert (04)			Senior Geotechnical Engineer (06)			Total
				Name	Marks	Rationalise Marks	Name	Marks	Rationalise Marks	Name	Marks	Rationalise Marks	Name	Marks	Rationalise Marks	Name	Marks	Rationalise Marks	Name	Marks	Rationalise Marks	
1	M/s PDC in JV with M/s APN Constructions	40	20	Nagendra Kumar	89	10.68	Aman Vishwakarma	84	5.04	Kamlesh Prasad Shah	95	3.70	Samarat Rahul	95	5.70	Arun Kumar Singla	91	3.64	Dr Manoj Verman	95	5.70	96.46
2	M/s Uppam International Corporation in JV with SA Infrastructure Consultants Pvt Ltd in Association with Warsaw Engineering Consultancy and Construction Services Pvt Ltd	40	20	P B Chakravarthi Nattala	92	11.04	Durgesh Kumar Tripathi	82	4.92	Nawab Khan	91	5.46	Rajesh Kumar	91	5.46	N Venkata Raghavan	98.50	3.94	Sindu Kumar Bagati	89	5.34	96.16
3	M/s Lions Engineering Consultants Pvt Ltd in Association with Synergy Engineers Group Pvt Ltd	40	20	Alok Kumar Srivastava	91	10.92	Manoj Kumar Singh	91	5.46	Rajesh Kumar Tiwari	91	5.46	Rakesh Kumar Sharma	91	5.46	Ajay Saxena	95.00	3.80	Salaba Ankola	87	5.22	96.32
4	M/s TASP in Association with M/s Abhisara Infrastructure Consultants Pvt Ltd	40	20	Ravendra Kumar Pandey	91	10.92	Birendra Jha	91	5.46	Satya Prakash Jha	91	5.46	Nalin Kumar	91	5.46	Suraj Kumar Pathak	95.00	3.80	Mohammad Sayeed Akber	95	5.70	96.80
5	M/s G-Eng Advisory Services in JV with Infinite Civil Solutions Pvt Ltd in association with Civil Mantra Infracon Pvt Ltd	40	20	Pankaj Bakaya	90	10.80	Alit Kumar Mishra	91	5.46	Dashrathbhai Patel	91	5.46	Togeru Nagarjuna	91	5.46	Sumit Magotra	96.00	3.84	Udhanand Bishwas	36	2.16	93.18





6	M/s Indian Technocrat Ltd in JV with M/s Ayojeza Consultants Pvt Ltd in Association with M/s BESYTECH Infrastructure Pvt Ltd	39	20	Vijay Kumar Pandey	95	11.40	Harmesh Kumar Singh	96	5.76	Asish Pal	91	5.46	Raghendra Uday Lad	91	5.46	Abhish BR	100.00	4.00	Gopal Sharma	84	5.04	96.12
7	M/s Geo Design & Research (P) Ltd	40	20	Vishnu Shankar Dubey	91	10.92	Sanjay Gang	91	5.46	Vijay Mishra	95	5.70	Rajnish Kumar Singh	91	5.46	Trivedi Jignesh Anuraj	91.00	3.64	Usman Shareef Ahmed Shareef	76	4.56	95.74
8	M/s MSV International Inc in association with M/s MPG Engineering Consultancy Pvt Ltd	40	20	Bhimrao C Shende	91	10.92	Konapala Satyarao	91	5.46	Mukesh Kumar Sutaliya	91	5.46	Kumar Neeraj	91	5.46	Vinod Sharma	95.00	3.80	Pradeep Goswami	86	5.16	96.26
9	M/s Technical Consultancy Services in JV with M/s Thoughts Consultants Jaipur Pvt Ltd in Association with M/s Design Line Consultancy Services	40	20	Dilip Chandra Jha	91	10.92	Rajnish Kumar Verma	91	5.46	Anil Kumar	91	5.46	Anirudh Kumar	91	5.46	Mohit Verma	100.00	4.00	RC Aggarwal	41	2.46	93.76
10	M/s Almondz Global Infra - Consultant Limited in Association with M/s LSI Engineering & Consultants	40	20	Ravi Bhushan Kumar	95	11.40	A Vijaya Raju	89	5.34	Satya Sundara Vara Prasad G	91	5.46	Vinay Choudhary	91	5.46	Rongali Uma Devi	96.00	3.84	Jiten Rambhai Anandani	92	5.52	97.02





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11	M/s MSPARK Futuristics & Associates in JV with M/s Data Technosys (Engineers) Pvt Ltd In association with M/s Sugam Technocrats Pvt Ltd	37.50	20	Anil Kumar Sharma	91	10.92	Anil Kumar	91	5.46	Baban Prasad Singh	91	5.46	Parikaj Chaudhary	89	5.34	Saurabh Jairath	100.00	4.00	Vishva Deepak Pandey	40	2.40	91.08
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(Shri SP Kolihey, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Finance)
HQ CE (P) Hirak

NAME OF WORK :- CONSULTANCY SERVICES FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM: 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM/113.828 TO KM: 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJNA ON EPC MODE

A.	Cost of Work	Rs. 8.24 Cr.
B	Period of Completion :	84 months
C	Last date of submission of Bid (Online)	03.02.2024
D	Validity period of Bid	120 days
E	Indicative Length	58.063 km
F	Nos of Bid received	11 Nos
G	Date of opening Technical Bid (Online):-	15.02.2024
H	Place of opening Technical Bid	HQ CE (P) Hirak

JV FIRMS			Page no
Name of Bidder		M/s Planning & Infrastructural Development Consultants Pvt Ltd with Associate Partner M/s APN Constructions & Developers Pvt Ltd	
S.No.	Reference Clause	Min. criteria for qualification	Documents
STAGE-I PROOF OF ELIGIBILITY			Responsive/ Non Responsive
1	Credentail of the firm	In the form Appendix A	Submitted
2	4.1 B (iii) of Letter of Invitation	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No. 1201240022992 Dated : 12 Jan 2024 02:37 PM
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	19.16 Crore (PIDC) + 1.12 Cr (APN) = 20.28 Cr
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/4/6** laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	451.235 Km (PIDC)
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMC/2/4/6** laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	375.955 Km (PIDC)
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similar category of twofour/six** laning/ bridge work of length equal to 40% of project length	06 Projects (Srl No. 3, 4, 5, 10, 11 & 14)
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application (b) If applicable, the Power of Attorney for Lead Member of JV (c) Copy of Memorandum of Understanding between JV partners, if applicable (d) Copy of Memorandum of Understanding with Associate, if applicable	In the name of Mr. Prakash Kumar, Managing Director, PIDC on a stamp paper of Rs. 100 Not required Not required Submitted

5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OV No. 13030/09/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 1014-1018
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to do only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate/documents in this regard shall be submitted by bidder along with the Bidding document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (PIDC) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (APN)	Responsive	Pg 14-21
		Responsive/Non-Responsive (Technical. Proposals of Consultants which are qualifying in Stage, shall be opened and evaluated further)		Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 387-388
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 389-391
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 392-403
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 404-526
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 527-534
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 535-1006
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1007-1008
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1009-1010
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1011-1013
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1014-1018
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Appendix EC Clause 1	Description	Maximum Points	Sub-Points	Points Scored	Page No.
1	1.1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.2		Less than 5.50 Cr (2% of TPC)		0		
1.1.3		5.50 Cr (2% of TPC)		1.5		
1.2		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		0.5		
1.2.1		Nos. of Highway Professionals with the firm	10			
1.2.2		<10		0		
1.2.3		10-20		8		
1.2.4		>20 but <=30		9		
1.3		>30		10		
1.3.1		Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 2446-laning** of length (40% of project length) or more in last 7 years	10			
1.3.2		1 Project				
		Add : (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks				
					10	Pg 151-206
					2	
					06 Projects (PIDC)	
					38 Nos. (PIDC)	
					19.16 Crore (PIDC) + 1.12 Cr (APN) = 20.28 Cr	Pg 136-150
					10	Pg 27-133

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	5	4	08 Projects (PIDC)	5	Pg 207-245
Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2406-laning ~or length (40% of project length) or more in last 7 years		4 1			
1 Project					
Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark					
In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10				
<2		0		10	Pg 314-358
2-5		5			
>5		10			
Experience In Construction Supervision/DPR/Design Review of Major structures having length o fmore than 500 meter in last 7years	3				
1 Project					
Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks		2 1		3	Pg 359-386
2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20				
Experience in Network Survey Vehicle (NSV) or better technology for pavement Inspection	7				
Equipment	4				
(a) Equipment on MOU with Associate or on hiring basis		4			
(b) Own Equipment		4		4	Pg 406-411
Experience	3				
1-2 projects		1			
3-5 projects		2		3	Pg 429-462
> 5 projects		3			
Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4				
Equipment	2				
(a) Equipment on MOU with Associate or on hiring basis		2			
(b) Own Equipment		2		2	Pg 412-417
Experience	2				
1-3 projects		1			
> 3 projects		2		2	Pg 463-485
Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5				
Equipment	2				
(a) Equipment on MOU with Associate or on hiring basis		2			
(b) Own Equipment		2		2	Pg 418-423
Experience	3				
1-2 projects		1			
3-5 projects		2		3	Pg 486-512
> 5 projects		3			
Experience in Retro reflectometer technology	4				
Equipment	2				
(a) Equipment on MOU with Associate or on hiring basis		2			
(b) Own Equipment		2		2	Pg 424-428
Experience					
1-2 projects		1			
3-5 projects		2		3	Pg 486-512
> 5 projects		3			
Experience in Retro reflectometer technology	4				
Equipment	2				
(a) Equipment on MOU with Associate or on hiring basis		2			
(b) Own Equipment		2		2	Pg 424-428

2.4.2	Experience	2	1	2	5 Projects (PIDC)	2	Pg 513-526
	1-3 projects						
	> 3 projects						

(i) The Consultants owning the equipment shall be required to submit proof of ownership
(ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBIU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.3.1(g) of GCC

3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel	40				
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	12			CV Enclosed (PIDC)	
		Name of Expert				Nagendra Kumar	Pg 538
		Age with proof limit		65 years as on the Date of Bid Submission		55	Pg 543
		Same CV Submitted by two or more firms				No	
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted	Pg 592

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.

3.1.1	Appendix V (General Qualification)		25				
	Graduate in Civil Engineering			21		Submitted	Pg 546
	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering			4		NA	
3.1.2	Relevant Experience & Adequacy for the Project		70				
3.1.2(a)	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway projects		10				
	< 12 years			0		22 yr 04 months (CV srl No. 1, 6 to 18, 20 to 21)	Pg 539-616
	12 years			8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks			2			
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/6laning**) and above)		15				
	< 5 years			0		18 yr 04 months (CV srl No. 7 to 18, 20 to 21)	Pg 539-616
	5 years			11			
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks			4			
	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC		5				
	1 Project			4		14 Projects (CV srl No. 7 to 18, 20 to 21)	Pg 539-616
	add 1 mark extra for additional projects subject to maximum 1(one) mark			1			
3.1.2(b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6laning**) and above)		15				
	<2 Projects			0		4 Projects (CV Srl No. 11,12,14,15)	Pg 539-616
	2 Projects			11			
	Add 2 marks for each additional project subject to maximum 4 marks.			4			

	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/C involving length 40% of project length or more of similar configuration (2/4/6**laning) and above	20	0 18 4	4 Projects (CV Srl No. 8,9,13,18)	20	Pg 539-616
3.1.2(c) 	<2 Projects 2 Projects Add 2 marks extra for each additional project subject to maximum 4(four) marks					
3.1.2(d)	Experiences as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**)and above)	5				
	1 Projects Add 1 mark extra for each additional project subject to maximum 1(one) mark		4 1	2 Projects (CV Srl No. 7, 10)	5	Pg 539-616
3.1.3	Employment With Firm <1 year 1 year Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0 3 2	Currently not employed with firm	0	Pg 539-616
	Total Team Leader cum Senior Highway Engineer Out of 100	100			89	
	Total Team Leader cum Senior Highway Engineer Out of 12	12			10.68	
3.2	Appendix EC Clause 3.2	Resident cum Highway Engineer	6	CV Enclosed (APN Constructions)		
	Name of Expert		65 years as on the Date of Bid Submission	Aman Vishwakarma		Pg 594 Pg 597
	Age with proof limit			38		
	Same CV Submitted by two or more firms			No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted		Pg 617
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.2.1	Appendix V (General Qualification	Graduate in Civil Engineering	25			
	Post Graduation In Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		21 4	Submitted NA	21	Pg 598
3.2.2	Adequacy for the Project		70			
	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects		20			
	< 12 years		0			
	12 years		8			
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks		12	18 yr (CV srl No. 1 to 6)	13	Pg 594-617
	Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (2/4/6laning*) and above)	20				
	< 5 years		0			
	5 years		15			
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5	17 yr 05 months (CV srl No. 2 to 6)	20	Pg 594-617

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3.2.3	Experience in similar capacity in handling major 24/6-laning** projects (of length 40% of project length or more of similar configuration (24/6 laning***) and above)	25			5 Projects (CV srl No. 1 to 5)	25	Pg 594-617
	< 2 Nos.		0				
	2 Nos.		19				
	Add three marks extra for each additional project subject to maximum 6 (Six) marks		6				
	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(24/6laning***)and above)	5					
	1 No.		4		5 Projects (CV srl No. 2,3,4,5 and 6)	5	Pg 594-617
	Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark		1				
	Employment with Firm	5					
	<1 year		0		Currently not employed with firm	0	Pg 594-617
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
	Total Resident cum Highway Engineer Out of 100	100				84	
	Total Resident cum Highway Engineer Out of 6	6				5.04	
3.3	Bridge/ Structural Engineer	6			CV Enclosed (PIDC)		
	Appendix EC Clause 3.3				Kamlesh Prasad Shah		Pg 620
	Name of Expert		65 years as on the Date of Bid Submission		60		Pg 623
	Age with proof limit				No		
	Same CV Submitted by two or more firms				Submitted		Pg 660
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.							
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.3.1	Appendix V (General Qualification)	25					
3.3.2	Graduate in Civil Engineering		21		Submitted	25	Pg 626-629
	Post-Graduation in Structural Engineering		4		Submitted		
	Adequacy for the Project	70					
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway/ Bridge projects	15					
	< 10 years		0		22 yr 08 months (CV srl No. 2 to 10)	15	Pg 619-660
	10 years		11				
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (24/6laning***) and above)	20					
	< 5 years		0		18 yr 07 months (CV srl No. 2, 4 to 10)	20	Pg 619-660
5 years		15					
Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5					

3.3.3	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures		20			07 Bridges (CV srl No. 2, 4, 6 to 10)	20	Pg 619-660
	≤ 2 Bridge				0			
	2 Bridge				15			
	Add 2.5 mark extra for each additional bridge subject to maximum 5 marks				5			
	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures		10					
	≤ 2 Nos.				0			
	2 Nos.				8			Pg 619-660
	≥ 3 Nos.				10			
	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching		5					
	1 Project				4			
≥ 1 Project				5				Pg 619-660
Employment with Firm		5						
< 1 year				0		Currently not employed with firm	0	Pg 594-617
1 year				3				
Add 0.5 marks for each subsequent year subject to maximum 2 marks				2				
Total Bridge/ structural Engineer Out of 100		100					95	
Total Bridge/ structural Engineer Out of 6		6					5.70	
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6			CV Enclosed (PIDC)		
		Name of Expert				Samrat Rahul		Pg 662
		Age with proof limit		65 years as on the Date of Bid Submission		54		Pg 667-669
		Same CV Submitted by two or more firms				No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.								
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.								
3.4.1	Appendix V (General Qualification)	Graduate in Civil Engineering	25		21	Submitted	25	Pg 671-677
		Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/ Rock Mechanics			4	Submitted		
3.4.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway/Bridge projects	15					
		< 10 years			0			
		10 years			11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks			4			
		Experience in similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration (24/6 laning**) and above)	25			29 yr 08 months (CV srl No. 1 to 13)	15	Pg 663-728
		< 5 years			0			
		5 years			19			
		Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6(Six) marks.			6			
		Experience in similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration (24/6 laning**) and above)	25			25 yr 07 months (CV srl No. 3 to 13)	25	Pg 663-728

		Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4½ laning**) and above)	30			0	11 Nos. (CV srl No. 3 to 13)	30	Pg 663-728
		< 2 Nos.				0			
		2 Nos.				25			
		Add 2.5 marks extra for each additional project subject to maximum 5(five) marks				5			
		Employment with Firm							
		<1 year				0			
		1 year				3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks				2			
		Total SQME Out of 100	100					0	Pg 663-728
		Total SQME Out of 6	6					95	
								5.70	
3.5	Appendix EC Clause 3.5	Road Safety Expert	4						
		Name of Expert					Arun Kumar Singla		Pg 731
		Age with proof limit	65 years as on the Date of Bid Submission				59		Pg 736
		Same CV Submitted by two or more firms					No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted		Pg 799
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.5.1	Appendix V (	General Qualification	25						
		Graduate in Civil Engineering				21			
		Post-Graduation in Traffic Transportation/ Safety Engineering or equivalent				4		21	Pg 737-738
3.5.2		Adequacy for the Project	70						
		Professional Experience in Highway Projects							
		Total Professional Experience in handling Highway/ Bridge projects	15						
		< 10 years				0			
		10 years				11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks				4		15	Pg 732-799
		Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4½laning**) and above).	15						
		< 5 years				0			
		5 years				11			
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks				4			
		Experience in similar capacity in Road Safety Audits of 2/4½- laning **Highway projects at different stages including at least one at design stage	20						
		< 2 Nos.				0			
		2 Nos.				15			
		Add 2.5 marks extra for each additional project subject to maximum 5 marks				5		20	Pg 732-799
		Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4½ laning**) and above)	10						
		< 2 Nos.				0			
		2 Nos.				8			
		Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks				2		10	Pg 732-799

Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway		5							
3.3.3	1 Project		4			20 Nos. (CV srl No.1 to 20)	5		Pg 732-799
	2 Project or more		5						
	Experience in similar capacity in field of Road Safety Management Plan		5						
	1 Project		4			20 Nos. (CV srl No.1 to 32)	5		Pg 732-799
	2 Project or more		5						
	Employment with Firm		0			Currently not employed with firm	0		Pg 732-799
	<1 year		3						
	1 year		2						
	Add 0.5 marks for each subsequent year subject to maximum 2 marks								
	Total Bridge/ structural Engineer Out of 100		100					91	
Total Bridge/ structural Engineer Out of 6		4					3.64		
3.6	Appendix EC Clause 3.6		6			CV Enclosed (PIDC)			
	Name of Expert					Dr Manoj Verman		Pg 801	
	Age with proof limit		65 years as on the Date of Bid Submission			64		Pg 811	
	Same CV Submitted by two or more firms					No			
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.									
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.6.1	Appendix V (General Qualification)		25						
3.6.2	Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university		21			Submitted	25		Pg 812-813
	Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		4			Submitted			
	Adequacy for the Project		70						
	Professional Experience in Highway Projects		15						
	Total Professional Experience								
	< 20 years		0			36 yrs 05 months (CV Srl No. 01 to 57)	15		Pg 802-1005
	20 Years		11						
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4						
	Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)		10						
	< 10 years		0			19 yrs 04 months	10		Pg 802-1005
10 years		7							
Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3							
Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)		25							
< 4 Projects									
4 Projects			0			9 Projects (CV Srl No. 13, 16, 18, 39, 42, 44, 46, 49 & 53)	25		Pg 802-1005
Add 2 marks for each additional project subject to maximum 8 (eight) marks			17						
			8						

	Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5					
	< 1 Projects			4		6 Projects (CV Srl No. 13, 16, 18, 42, 44 & 46)	5
	2 or more projects			5			
	Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15					
	< 2 Projects			0		11 Projects (CV Srl No. 10, 12, 15, 17, 38, 40, 41, 43, 45, 47 & 56)	15
	2 Projects			11			
	Add 2 marks for each additional project subject to maximum 4 (four) marks			4			
	Employment with Firm	5					
	<1 year			0		Currently not employed with firm	0
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Senior Geotechnical Engineer Out of 100	100					95
	Total Senior Geotechnical Engineer Out of 6	6					5.70
3.6.3							



(Shri SP Kolliperv, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE -LIPULEKH ROAD FROM TAWAGHAI VILLAGE TO BUDHILVILLAGE (DESIGN KM. 56.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.628 TO KM. 133.078) TOTAL DESIGN LENGTH = 58.063 KM UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJNA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hirak

Srl No.		JV FIRMS		Page no	
Name of Bidder		M/s Upham International Corporation in JV with SA Infrastructure Consultants Pvt Ltd in Association with Marsway Engineering Consultancy and Construction Services Pvt Ltd		Responsive/ Non Responsive	
S.No.	Reference Clause	PARTICULAR	Min. criteria for qualification	Documents	
STAGE - I PROOF OF ELIGIBILITY		STAGE-I PROOF OF ELIGIBILITY			
1		Credentail of the firm	In the form Appendix A	Submitted	Responsive
2	4.1 B (iii) of Letter of invitation	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No. 2912230033820 Dated : 29 Dec 2023 05:10 PM	Responsive
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	48.25 Crore (Upham) + 132.04 (SA Infrastructure) = 180.29 Cr	Responsive
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/4/8"-laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	422.76 Km (Upham) + 1191.19 Km (SA Infrastructure) = 1613.95 Km	Responsive
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision/ Independent Engineer/ Authority's Engineer/ PMC/2/4/8"-laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	174.19	364.232 Km (Upham) + 1666.98 Km (SA Infrastructure) = 2031.212 Km	Responsive
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similar category of two/four/six**laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	05 Projects (Upham) + 21 Projects (SA Infrastructure)	Responsive
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs. 100 and duly notarized (Name of Authorized Signatory)	In the name of Ms. Swati Agarwal, Deputy General Manager, Upham on a stamp paper of Rs. 100	Responsive
		(b) If applicable, the Power of Attorney for Lead Member of JV	In case of JV	Submitted	Responsive
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	In case of JV	Submitted	Responsive
		(d) Copy of Memorandum of Understanding with Associate, if applicable	In case of Associate firm	Submitted	Responsive




5	4.1 B (IV) of Letter of invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-wg dated 28th January, 2013	Submitted	Responsive	Pg 991-996
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Trade (DPIIT), Govt. of India. Certificate documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in United States of America. Certificate of incorporation enclosed. Registration from DPIIT not required. (Upham) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (SA Infrastructure) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Marsway)	Responsive	Pg 54-65
			Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Ph 587-588
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 589-593
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 594-604
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 605-713
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 714-721
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 722-982
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 983-984
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 985-988
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 989-990
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 991-996
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Description		Maximum Points	Sub-Points	Remarks	Points Scored
1	Appendix EC Clause 1		40			
1.1	1. Evaluation Criteria for Assessment of Experience of the Firm		2			
1.1.1	Average Annual Turnover (last 3 years) from consultancy business			0		
1.1.2	Less than 5.50 Cr (2% of TPC)			1.5		
1.1.3	5.50 Cr (2% of TPC)			0.5		
1.2	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					
1.2.1	Nos. of Highway Professionals with the firm		10			
1.2.2	<10			0		
1.2.3	10-20			8		
1.2.4	>20 but <=30			9		
	>30			10		
				48.25 Crore (Upham) + 132.04 (SA Infrastructure) = 180.29 Cr	2	Pg 121, 195
				55 Nos. (Upham) + 44 Nos. (SA Infrastructure) = 99 Nos.	10	Pg 74-119

1.3		Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	10				Pg 285-304, Pg 361-478
1.3.1		1 Project		8			
1.3.2		Add 1 (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (two) marks		2			
1.4		Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	5				
1.4.1		1 Project		4			
1.4.2		Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark		1			
1.5		In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10				
1.5.1		<2		0			
1.5.2		2-5		5			
1.5.3		>5		10			
1.6		Experience In Construction Supervision/DPR/Design Review of Major structures having length o fmore than 500 meter in last 7years	3				
1.6.1		1 Project		2			
1.6.2		Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks		1			
2	Appendix EC Clause 2	2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20			03 Projects (SA Infrastructure)	Pg 361-541
2.1		Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7				
2.1.1		Equipment	4				
		(a) Equipment on MOU with Associate or on hiring basis		4			
		(b) Own Equipment		4			
2.1.2		Experience	3				
		1-2 projects		1			
		3-5 projects		2			
		> 5 projects		3			
2.2		Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4				
2.2.1		Equipment	2				
		(a) Equipment on MOU with Associate or on hiring basis		2			
		(b) Own Equipment		2			
2.2.2		Experience	2				
		1-3 projects		1			
		> 3 projects		2			
						Owned by SA Infrastructure & Upham	Pg 612-620
						07 Projects (SA Infrastructure) + 04 Projects (Upham)	Pg 633-713
						Owned by SA Infrastructure	Pg 621-623
						06 Projects (SA Infrastructure) + 04 Projects (Upham)	Pg 633-713

2/2/20

2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection				5				
2.3.1	Equipment			2					
	(a) Equipment on MOU with Associate or on hiring basis			2					
	(b) Own Equipment			2					Pg 624-626
2.3.2	Experience			3					
	1-2 projects			1					
	3-5 projects			2					
	> 5 projects			3					
2.4	Experience in Retro reflectometer technology			4					Pg 633-713
2.4.1	Equipment			2					
	(a) Equipment on MOU with Associate or on hiring basis			2					
	(b) Own Equipment			2					Pg 627-628
2.4.2	Experience			2					
	1-3 projects			1					
	> 3 projects			2					Pg 633-713
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) (iii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBIU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.8.1(g) of GCC									
3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel		40					
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer		12					
	Name of Expert								Pg 724
	Age with proof limit			65 years as on the Date of Bid Submission					Pg 727
	Same CV Submitted by two or more firms								
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.									
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.1.1	Appendix V	General Qualification		25					
		Graduate in Civil Engineering		21					
		Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering		4					Pg 728-729
3.1.2		Relevant Experience & Adequacy for the Project		70					
3.1.2(a)		Professional Experience in Highway Projects							
		Total Professional Experience in handling Highway projects		10					
		< 12 years		0					
		12 years		8					
		Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks		2					
									Pg 725-771

	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/6laning") and above)	15	0	15 yr (CV srl No. 4 to 14)	15	Pg 725-771
	< 5 years		11			
	5 years		4			
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks					
	Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning") and above) on EPC	5				
	1 Project		4	10 Projects (CV srl No. 4 to 10, 12 to 14)	5	Pg 725-771
	add 1 mark extra for additional projects subject to maximum 1(one) mark		1			
3.1.2(b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6laning") and above)	15				
	<2 Projects		0	3 Projects (CV Srl No. 5 to 7)	13	Pg 725-771
	2 Projects		11			
	Add 2 marks for each additional project subject to maximum 4 marks.		4			
3.1.2(c)	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision involving length 40% of project length or more of similar configuration (2/4/6 laning) and above	20				
	<2 Projects		0	7 Projects (CV Srl No. 4 to 10, 12 to 14)	20	Pg 725-771
	2 Projects		16			
	Add 2 marks extra for each additional project subject to maximum 4(four) marks		4			
3.1.2(d)	Experiences Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning") and above)	5				
	1 Projects		4	1 Project (CV Srl No. 10)	4	Pg 725-771
	Add 1 mark extra for each additional project subject to maximum 1(one) mark		1			
3.1.3	Employment with Firm	5				
	<1 year		0	Currently not employed with firm	0	Pg 725-771
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total Team Leader cum Senior Tunnel Expert Out of 100	100			92	
	Total Team Leader cum Senior Tunnel Expert Out of 12	12			11.04	
3.2	Appendix EC Clause 3.2	6		CV Enclosed (Upham)		
	Resident cum Highway Engineer					
	Name of Expert			Durgesh Kumar Tripathi		Pg 774
	Age with proof limit	65 years as on the Date of Bid Submission		46		Pg 777
	Same CV Submitted by two or more firms			No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted		Pg 799
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					

3.2.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	21	Submitted	21	Pg 778
		Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4		NA		
3.2.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway projects	20					
		< 12 years		0				
		12 years		8				
		Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks		12				
		Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (24/6laning) and above)	20					
		< 5 years		0				
		5 years		15				
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5				
		Experience in similar capacity in handling major 24/6- laning** projects (of length 40% of project length or more of similar configuration (24/6s laning**) and above)	25					
		< 2 Nos.		0				
		2 Nos.		19				
		Add three marks extra for each additional project subject to maximum 6 (Six) marks		6				
		Experience in similar capacity of Highway Project of Construction/Construction Supervision/EC on EPC Mode (of length 40% of project length or more of similar configuration (24/6laning**) and above)	5					
		1 No.		4				
		Add 1(one) mark extra for each additional project subject to maximum 1(one) mark		1				
3.2.3		Employment with Firm	5					
		< 1 year		0				
		1 year		3				
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
		Total Resident cum Highway Engineer Out of 100	100					
		Total Resident cum Highway Engineer Out of 6	6					
3.3	Appendix EC Clause 3.3	Bridge/ Structural Engineer	6			CV Enclosed (Upham)		
		Name of Expert				Nawab Khan		Pg 801
		Age with proof limit				61		Pg 825
		Same CV Submitted by two or more firms				No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 839

Handwritten signature/initials

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.3.1	Appendix V	(General Qualification)	25	21	Submitted	21	Pg 826		
		Graduate in Civil Engineering		4	NA				
		Post-Graduation in Structural Engineering							
3.3.2		Adequacy for the Project	70						
		Professional Experience in Highway Projects							
		Total Professional Experience in handling Highway/ Bridge projects	15						
		< 10 years		0	31 yr 11 months (CV srl No. 1 to 10)	15	Pg 802-838		
		10 years		11					
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4					
		Experience in similar capacity in Design/Construction/Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6/laning") and above)	20						
		< 5 years		0	09 yr 06 months (CV srl No. 4, 5, 10)	20	Pg 802-838		
		5 years		15					
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5					
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20						
		< 2 Bridge		0	06 Bridges (CV srl No. 4, 5, 10)	20	Pg 802-838		
		2 Bridge		15					
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5					
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10						
		< 2 Nos.		0	08 Nos. (CV srl No. 4, 5, 10)	10	Pg 802-838		
		2 Nos.		8					
		>= 3 Nos.		10					
		Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5						
		1 Nos.		4	05 Nos. (CV srl No. 4, 5, 10)	5	Pg 802-838		
		> 1 Nos.		5					
3.3.3		Employment with Firm	5						
		<1 year		0	Currently not employed with firm	0	Pg 802-838		
		1 year		3					
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2					
		Total Bridge/ structural Engineer Out of 100	100			91			
		Total Bridge/ structural Engineer Out of 6	6			5.46			

3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6	CV Enclosed (SA Infrastructure)		Pg 907 Pg 911
		Name of Expert	55 years as on the Date of Bid Submission	Rajesh Kumar		
		Age with proof limit		48		
		Same CV Submitted by two or more firms		No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.4.1	Appendix V	General Qualification	25			
		Graduate in Civil Engineering	21			
		Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/ Rock Mechanics	4	Submitted		Pg 912
3.4.2		Adequacy for the Project	70	NA		
		Professional Experience in Highway Projects				
		Total Professional Experience in handling Highway/Bridge projects	15			
		< 10 years	0			
		10 years	11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks	4	21 yr 09 months (CV srl No. 1 to 11)		Pg 908-931
		Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ([similar configuration (2/4/6 laning*) and above])	25			
		< 5 years	0			
		5 years	19	21 yr 09 months (CV srl No. 1 to 11)		Pg 908-931
		Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	6			
		Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning*) and above)	30			
		< 2 Nos.	0	07 Nos. (CV srl No. 1, 3 to 6, 8, 11)		Pg 908-931
		2 Nos.	25			
		Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks	5			
3.4.3		Employment with Firm				
		< 1 year	0	Currently not employed with firm		Pg 908-931
		1 year	3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks	2			
		Total SOME Out of 100	100			
		Total SOME Out of 6	6	91		
				5.46		
3.5	Appendix EC Clause 3.5	Road Safety Expert	4	CV Enclosed (Upham)		
		Name of Expert	55 years as on the Date of Bid Submission	N Venkata Raghavan		Pg 940 Pg 944
		Age with proof limit		45		
		Same CV Submitted by two or more firms		No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Pg 982	
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.		Submitted	
3.5.1	Appendix V (General Qualification)	25	21
	Graduate in Civil Engineering		4
	Post-Graduation in Traffic/Transportation/ Safety Engineering or equivalent		
3.5.2	Adequacy for the Project	70	
	Professional Experience in Highway Projects		
	Total Professional Experience in handling Highway/ Bridge projects	15	
	< 10 years		0
	10 years		11
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4
	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).	15	
	< 5 years		0
	5 years		11
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4
	Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20	
	< 2 Nos.		0
	2 Nos.		15
	Add 2.5 marks extra for each additional project subject to maximum 5 marks		5
	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10	
	< 2 Nos.		0
	2 Nos.		9
	Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2
	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5	
	1 Project		4
	2 Project or more		5
	Experience in similar capacity in field of Road Safety Management Plan	5	
	1 Project		4
	2 Project or more		5
	Employment with Firm	5	
	< 1 year		0
	1 year		3
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2
3.5.3	Total Bridge/ structural Engineer Out of 100	100	
	Total Bridge/ structural Engineer Out of 6	4	
		15	15
		20	20
		10	10
		5	5
		5	5
		3.5	3.5
		98.50	98.50
		3.94	3.94

3.6		CV Enclosed (Marsway)			
Appendix EC Clause 3.6	Senior Geotechnical Engineer	6	Sindu Kumar Bagati		Pg 841-842 Pg 889
	Name of Expert	65 years as on the Date of Bid Submission	54		
	Age with proof limit		No		
	Same CV Submitted by two or more firms		Submitted		Pg 841-842
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.6.1	General Qualification	25	Submitted		Pg 891-893
	Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university	21			
	Post Graduation in Rock mechanical Foundation Engineering/ Tunnel Engineering	4	NA		
3.6.2	Adequacy for the Project	70			
	Professional Experience in Highway Projects	15			
	Total Professional Experience				
	< 20 years	0			Pg 843-905
	20 Years	11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks	4	30 yrs 02 months (CV Srl No. 01 to 21)		
	Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10			
	< 10 years	0			Pg 843-905
	10 years	7	26 yr 05 months (CV Srl No. 1 to 3, 5, 8, 16, 17, 19)		
	Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.	3			
	Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25			
	< 4 Projects	0			Pg 843-905
	4 Projects	17	8 Projects (CV Srl No. 1 to 3, 5, 8, 16, 17, 19)		
	Add 2 marks for each additional project subject to maximum 8 (eight) marks	8			
	Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5			
	< 1 Projects	4			Pg 843-905
	2 or more projects	5	3 Projects (CV Srl No. 8, 16, 17)		
	Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15			
	< 2 Projects	0			Pg 843-905
	2 Projects	11	03 Projects (CV Srl No. 12, 14, 19)		
	Add 2 marks for each additional project subject to maximum 4 (four) marks	4			

7/5

3.6.3	Employment with Firm	5	Currently not employed with firm	0	Pg 802-1005
	<1 year	0			
	1 year	3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks	2			
	Total Senior Geotechnical Engineer Out of 100	100		89	
	Total Senior Geotechnical Engineer Out of 6	6		5.34	



(Shri SP Kollipav, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HO CE (P) Hirak



(Shri M. Jyoti Kumar Yadav, EE (Civ))
HO CE (P) Hirak



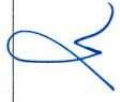
(Representative of Finance)
HO CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM: 56.935 TO KM 96.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM: 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA - PARIYOJNA ON EPC MODE

A. Cost of Work: Rs. 8.24 Cr.
 B. Period of Completion : 84 months
 C. Last date of submission of Bid (Online) 03.02.2024
 D. Validity period of Bid 120 days
 E. Indicative Length 58.063 km
 F. Nos of Bid received 11 Nos
 G. Date of opening Technical Bid (Online):- 15.02.2024
 H. Place of opening Technical Bid HQ CE (P) HIRAK

SRI No.		JV FIRMS		Page no	
		Name of Bidder		M/s Lions Engineering Consultants Pvt Ltd In Association with Synergy Engineers Group Pvt Ltd	
S.No.	Reference Clause	PARTICULAR	Min. criteria for qualification	Documents	Responsive/ Non Responsive
STAGE-I PROOF OF ELIGIBILITY					
1	Credential of the firm	In the form Appendix A			
2	4.1 B (iii) of Letter of invitation	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Submitted	Responsive
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	113.52 Cr (Lions)	Responsive
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/4/8** -laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	3614.265 Km (Lions)	Responsive
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCo/2/4/8** -laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	174.19	1540.345 Km (Lions)	Responsive
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority Engineer of at least one project of similar category of two/four/six**laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	25 Projects (Lions)	Responsive
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs. 100 and duly notarized (Name of Authorized Signatory)	In the name of Mr. Sunil Kathuria, AVP, Lions on a stamp paper of Rs. 100	Responsive
		(b) If applicable, the Power of Attorney for Lead Member of JV	In case of JV	Submitted	Responsive
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	In case of JV	Submitted	Responsive
		(d) Copy of Memorandum of Understanding with Associate, if applicable	In case of Associate firm	NA	

5	4.1 B (IV) of Letter of invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-v/g dated 28th January, 2013	Submitted	Responsive	Pg 1189-1193
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate/documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Lions) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Synergy)	Responsive	Pg 10-11, Pg 24-25
			Responsive/ Non-Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 506
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 509-513
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 515-522
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 523-834
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 838-842
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 844-1178
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1180
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1182
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1186-1187
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1189-1193
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.		Description	Maximum Points	Sub-Points	Remarks	Points Scored
1	Appendix EC Clause 1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.1		Less than 5.50 Cr (2% of TPC)		0		
1.1.2		5.50 Cr (2% of TPC)		1.5		
1.1.3		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10			
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10		
					113.52 Cr (Lions)	2
					113 Nos (Lions)	10
						Pg 56
						Pg 1196-1794

2.3.2	Experience	3	1	18 Projects (Lions)	3	Pg 667-716
	1-2 projects		2			
	3-5 projects		3			
	> 5 projects					
2.4	Experience in Retro reflectometer technology	4				
2.4.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2	Owned (Lions)	2	Pg 718-720
	(b) Own Equipment		2			
2.4.2	Experience	2				
	1-3 projects		1	16 Projects (Lions)	2	Pg 722-759
	> 3 projects		2			
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.9.1(g) of GCC						
3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel	40			
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	12	CV Enclosed (Lions)		
		Name of Expert		Alok Kumar Srivastava		Pg 844
		Age with proof limit	65 years as on the Date of Bid Submission	56		Pg 852-853
		Same CV Submitted by two or more firms		No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.1.1	Appendix V (General Qualification		25			
	Graduate in Civil Engineering		21	Submitted	21	Pg 849-851
	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering		4	NA		
3.1.2	Relevant Experience & Adequacy for the Project		70			
3.1.2(a)	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects		10			
	< 12 years		0	31 yrs (CV srl No. 1 to 18)	10	Pg 845-905
	12 years		8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2			
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (24/6laning") and above)		15			
	< 5 years		0	21 yr 08 months (CV srl No. 3 to 11 & 14 to 18)	15	Pg 845-905
	5 years		11			
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks		4			

[illegible]

[illegible]

3.3.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	Submitted	21	Pg 955-959
		Post-Graduation in Structural Engineering		4	NA		
3.3.2		Adequacy for the Project	70				
		Professional Experience in Highway Projects					
		Total Professional Experience in handling Highway/ Bridge projects	15				
		< 10 years		0			Pg 950-1008
		10 years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
		Experience in similar capacity in Design/Construction/Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20				
		< 5 years		0			
		5 years		15			Pg 950-1008
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5			
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20				
		< 2 Bridge		0			
		2 Bridge		15			Pg 950-1008
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5			
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10				
		< 2 Nos.		0			
		2 Nos.		8			Pg 950-1008
		>= 3 Nos.		10			
		Experience in similar capacity of modern bridge construction technology viz. Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5				
		1 Nos.		4			Pg 950-1008
		> 1 Nos.		5			
3.3.3		Employment with Firm	5				
		<1 year		0			
		1 year		3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
		Total Bridge/ structural Engineer Out of 100	100				
		Total Bridge/ structural Engineer Out of 6	6				
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6		CV Enclosed (Synergy)		
		Name of Expert			Rakesh Kumar Sharma		Pg 1071
		Age with proof limit	65 years as on the Date of Bid Submission		52		Pg 1075
		Same CV Submitted by two or more firms			No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 1120-1121
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.4.1	Appendix V (General Qualification)	25	21	
	Graduate in Civil Engineering		4	
	Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/Rock Mechanics	70		21
3.4.2	Adequacy for the Project			Pg 1076-1077
	Professional Experience in Highway Projects	15		
	Total Professional Experience in handling Highway/Bridge projects			
	< 10 years	0		
	10 years	11		
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks	4		
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above))	25		
	< 5 years	0		
	5 years	19		
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 5(Six) marks.	6		
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30		
	< 2 Nos.	0		
	2 Nos.	25		
	Add 2.5 marks extra for each additional project subject to maximum 5(five) marks	5		
3.4.3	Employment with Firm	5		
	< 1 year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks	2		
	Total SQME Out of 100	100		
	Total SQME Out of 6	6		
CV Enclosed (Lions)				
3.5	Road Safety Expert	4		
	Name of Expert		Ajay Saxena	Pg 1122
	Age with proof limit	65 years as on the Date of Bid Submission	52	Pg 1167
	Same CV Submitted by two or more firms		No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				
Submitted				
Pg 1177-1178				
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				

3.5.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	21	Submitted	21	Pg 1159-1165
		Post-Graduation in Traffic/Transportation/ Safety Engineering or equivalent		4		NA		
3.5.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway/ Bridge projects	15					
		< 10 years		0		24 yrs (CV srl No. 1 to 18)	15	Pg 1123-1176
		10 years		11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
		Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2x4laning**) and above).	15					
		< 5 years		0				
		5 years		11		20 yrs 02 months (CV srl No. 3, 4 to 18)	15	Pg 1123-1176
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4				
		Experience in similar capacity in Road Safety Audits of 2x4/6- laning **Highway projects at different stages including at least one at design stage	20					
		< 2 Nos.		0		05 Projects (CV srl No. 4, 5, 11, 12, 16)	20	Pg 1123-1176
		2 Nos.		15				
		Add 2.5 marks extra for each additional project subject to maximum 5 marks		5				
		Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2x4/6 laning**) and above)	10					
		< 2 Nos.		0		08 Projects (CV srl No. 6, 7, 8, 9, 10, 14, 15, 16)	10	Pg 1123-1176
		2 Nos.		8				
		Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2				
		Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5					
		1 Project		4				
		2 Project or more		5		04 Projects (CV srl No. 4, 5, 11, 12)	5	Pg 1123-1176
		Experience in similar capacity in field of Road Safety Management Plan	5					
		1 Project		4		09 Projects (CV srl No. 4, 5, 6, 7, 8, 9, 11, 13, 16)	5	Pg 1123-1176
		2 Project or more		5				
		Employment with Firm	5					
3.3.3		<1 year		0		Engaged with Lions Engineering Consultant since 22 Feb 2021	4	Pg 1123-1176
		1 year		3				
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
		Total Bridge/ structural Engineer Out of 100	100				95.00	
		Total Bridge/ structural Engineer Out of 6	4				3.80	

3.6		Appendix EC Clause 3.6		Senior Geotechnical Engineer		6		CV Enclosed (Lions)	
		Name of Expert		Saibaba Ankala		Pg 1011 Pg 1015			
		Age with proof limit		65 years as on the Date of Bid Submission		64			
		Same CV Submitted by two or more firms		No		Submitted		Pg 1069-1070	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.									
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.6.1		Appendix V (General Qualification)		25		21		Pg 1016-1017	
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university				Submitted			
3.6.2		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		70		NA			
		Adequacy for the Project							
		Professional Experience in Highway Projects							
		Total Professional Experience		15					
		< 20 years		0				Pg 1012-1068	
		20 Years		11					
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4					
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)		10					
		< 10 years		0				Pg 1012-1068	
		10 years		7					
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3					
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)		25					
		< 4 Projects		0				Pg 1012-1068	
		4 Projects		17					
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8					
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 20m vertical depth		5					
		< 1 Projects		4				Pg 1012-1068	
		2 or more projects		5					
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length		15					
		< 2 Projects		0				Pg 1012-1068	
		2 Projects		11					
		Add 2 marks for each additional project subject to maximum 4 (four) marks		4					

3.6.3	Employment with Firm				5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</
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(Shri SP Koliwey, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mahesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJANA ON EPC MODE

- A. Cost of Work Rs. 8.24 Cr.
 B. Period of Completion : 84 months
 C. Last date of submission of Bid (Online) 03.02.2024
 D. Validity period of Bid 120 days
 E. Indicative Length 58.063 km
 F. Nos of Bid received 11 Nos
 G. Date of opening Technical Bid (Online):- 15.02.2024
 H. Place of opening Technical Bid HQ CE (P) Hirak

JV FIRMS		JV FIRMS		JV FIRMS	
Sri No.		Name of Bidder		M/s TASPL in Association with M/s Abhishira Infrastructure Consultants Pvt Ltd	
PARTICULAR		Min. criteria for qualification		Documents	
STAGE- I PROOF OF ELIGIBILITY		STAGE-I PROOF OF ELIGIBILITY		Responsive/ Non Responsive	
Credential of the firm		In the form Appendix A		Submitted	
1	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415- PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)		Pg 30-514	
2	4.1 B (iii) of Letter of invitation	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No.2201240015701 Dated : 22 Jan 2024 03:16 PM		Pg 974	
3	Para 15 of Section 01 of RFP	32.56 Cr (TASPL)		Pg 56	
	Para 15 of Section 01 of RFP	1286.65 Km (TASPL)		Pg 248-302	
	Para 15 of Section 01 of RFP	174.19		Pg 132-246	
	Para 15 of Section 01 of RFP	Minimum 01 project with 23.22 Km length		Pg 132-246	
	Para 15 of Section 01 of RFP	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)		Pg 22-23	
	Clause 4.1 (B) (i) of letter of invitation	In the name of Mr. Gautam Muni Pandey, DGM, TASPL on a stamp paper of Rs. 100		Pg 22-23	
		in case of JV		Pg 26-27	
		in case of JV		Pg 26-27	
		in case of Associate firm		Pg 26-27	
		Submitted		Pg 26-27	

5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 958-962
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate/ documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (TASPL) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Abhishira)	Responsive	Pg 37
			Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 517
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 519-523
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 525-531
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 533-635
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 636-640
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 643-946
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 948
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 950-953
9	Section 4	Affidavit – Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 955-956
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 958-962
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.		Description	Maximum Points	Sub-Points	Remarks	Points Scored Page No.
1	Appendix EC Clause 1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.1		Less than 5.50 Cr (2% of TPC)		0		
1.1.2		5.50 Cr (2% of TPC)		1.5		
1.1.3		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10		32.56 Cr (TASPL)	2 Pg 70
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10	39 Nos (TASPL)	10 Pg 455-514

1.3	Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 24/6-laning**of length (40% of project length) or more in last 7 years	10				10	Pg 132-246
1.3.1	1 Project					8	
1.3.2	Add 1 (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks					2	
1.4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 24/6-laning**of length (40% of project length) or more in last 7 years	5					
1.4.1	1 Project					4	Pg 248-302
1.4.2	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark					1	
1.5	In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10					
1.5.1	<2					0	
1.5.2	2-5					5	
1.5.3	>5					10	Pg 304-403
1.6	Experience in Construction Supervision/DPR/Design Review of Major structures having length o more than 500 meter in last 7 years	3					
1.6.1	1 Project					2	
1.6.2	Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks					1	Pg 405-453
2	Appendix EC Clause 2	20					
2.1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7					
2.1.1	Equipment	4					
	(a) Equipment on MOU with Associate or on hiring basis					4	Pg 535-544
	(b) Own Equipment					4	
2.1.2	Experience	3					
	1-2 projects					1	
	3-5 projects					2	Pg 562-635
	> 5 projects					3	
2.2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4					
2.2.1	Equipment	2					
	(a) Equipment on MOU with Associate or on hiring basis					2	Pg 546-549
	(b) Own Equipment					2	
2.2.2	Experience	2					
	1-3 projects					1	
	> 3 projects					2	Pg 562-635
2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5					
2.3.1	Equipment	2					
	(a) Equipment on MOU with Associate or on hiring basis					2	
	(b) Own Equipment					2	Pg 555-560

2.3.2	Experience	3	1	10 Projects (TASPL)	3	Pg 562-635
	1-2 projects		2			
	3-5 projects		3			
	> 5 projects					
2.4	Experience In Retro reflectometer technology	4				
2.4.1	Equipment	2	2	Owned (TASPL)	2	Pg 551-553
	(a) Equipment on MOU with Associate or on hiring basis		2			
	(b) Own Equipment	2				
2.4.2	Experience		1	19 Projects (Lions)	2	Pg 562-635
	1-3 projects		2			
	> 3 projects					

(f) The Consultants owning the equipment shall be required to submit proof of ownership
(ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.9.1(g) of GCC

3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel	40		CV Enclosed (TASPL)	
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	12			
		Name of Expert			Ravendra Kumar Pandey	Pg 643
		Age with proof limit	65 years as on the Date of Bid Submission	58		Pg 673
		Same CV Submitted by two or more firms		No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 671-672

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.

3.1.1	Appendix V (General Qualification)	25	21	Submitted	21	Pg 674
	Graduate in Civil Engineering		4	NA		
	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/ Structural Engineering or equivalent specialised stream of civil engineering					
3.1.2	Relevant Experience & Adequacy for the Project	70				
3.1.2(a)	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects	10				
	< 12 years		0			
	12 years		8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2			
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration 2(a)(i) and above)	15				
	< 5 years		0			
	5 years		11			
	Add 1 mark extra for each additional year of experience subject to maximum 4(four) marks		4			
				24 yrs 02 months (CV srl No. 3 to 17)	15	Pg 644-695

		Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC	5						
3.1.2(b)		1 Project add 1 mark extra for additional projects subject to maximum 1(one) mark Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6laning**) and above) <2 Projects 2 Projects Add 2 marks for each additional project subject to maximum 4 marks. Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above <2 Projects 2 Projects Add 2 marks extra for each additional project subject to maximum 4(four) marks Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Projects Add 1 mark extra for each additional project subject to maximum 1(one) mark Employment with Firm <1 year 1 year Add 0.5 marks for each subsequent year subject to maximum 2 marks Total Team Leader cum Senior Tunnel Expert Out of 100 Total Team Leader cum Senior Tunnel Expert Out of 12	15	4 1	13 Projects (CV srl No. 3 to 11, 14 to 17)	5	Pg 644-695		
3.1.2(c)			20	0 11 4	5 Projects (CV Srl No. 2, 5, 6, 14, 15)	15	Pg 644-695		
3.1.2(d)			5	0 16 4	8 Projects (CV Srl No. 7 to 10, 12, 13, 16, 17)	20	Pg 644-695		
3.1.3			5	4 1 0 3 2	2 Projects (CV Srl No. 3, 4) Currently not employed with firm	5	Pg 644-695		
			100			91			
			12			10.92			
3.2	Appendix EC Clause 3.2	Resident cum Highway Engineer	6		CV Enclosed (TASPL)				
		Name of Expert			Birendra Jha		Pg 697		
		Age with proof limit	65 years as on the Date of Bid Submission		63		Pg 722		
		Same CV Submitted by two or more firms			No				
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted		Pg 720-721		
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.2.1	Appendix V (	General Qualification	25						
		Graduate in Civil Engineering		21	Submitted	21	Pg 723-724		
		Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4	NA				

3.2.2	Adequacy for the Project		70				
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway projects		20				
	< 12 years			0		20	Pg 697-735
	12 years			8			
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks			12			
	Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (24/46laning*) and above)		20				
	< 5 years			0		20	Pg 697-735
	5 years			15			
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			5			
	Experience in similar capacity in handling major 2/4/6- laning** projects (of length 40% of project length or more of similar configuration (24/46 laning*) and above)		25				
	< 2 Nos.			0		25	Pg 697-735
	2 Nos.			19			
	Add three marks extra for each additional project subject to maximum 6 (Six)marks			6			
	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(24/46laning*)and above)		5				
	1 No.			4		5	Pg 697-735
	Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark			1			
3.2.3	Employment with Firm		5				
	<1 year			0		0	
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Resident cum Highway Engineer Out of 100		100			91	
	Total Resident cum Highway Engineer Out of 6		6			5.46	
3.3	Appendix EC Clause 3.3	Bridge/ Structural Engineer	6				
		Name of Expert			Satya Prakash Jha		Pg 814
		Age with proof limit	65 years as on the Date of Bid Submission		51		Pg 841
		Same CV Submitted by two or more firms			No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 839-840
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						

3.3.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	21	Submitted	21	Pg 842-843
		Post-Graduation in Structural Engineering		4		NA		
3.3.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway/ Bridge projects	15					
		< 10 years		0		23 yr 01 months (CV srl No. 1 to 10)	15	Pg 815-857
		10 years		11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
		Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20					
		< 5 years		0		20 yr 05 months (CV srl No. 2 to 10)	20	Pg 815-857
		5 years		15				
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5				
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20					
		< 2 Bridge		0		15 Bridges (CV srl No. 2 to 8, 10)	20	Pg 815-857
		2 Bridge		15				
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5				
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10					
		< 2 Nos.		0		19 Nos. (CV srl No. 2 to 10)	10	Pg 815-857
		2 Nos.		8				
		>= 3 Nos.		10				
		Experience in similar capacity of modern bridge construction technology viz. Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5					
		1 Nos.		4		17 Nos. (CV srl No. 2 to 10)	5	Pg 815-857
		> 1 Nos.		5				
3.3.3		Employment with Firm	5					
		<1 year		0		Currently not employed with firm	0	
		1 year		3				
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
		Total Bridge/ structural Engineer Out of 100	100				91	
		Total Bridge/ structural Engineer Out of 6	6				5.46	
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6			CV Enclosed (TASPL)		
		Name of Expert				Nalin Kumar		Pg 859
		Age with proof limit				43		Pg 886
		Same CV Submitted by two or more firms				No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 884-885
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.4.1	Appendix V (General Qualification)	25	21	Pg 887
	Graduate in Civil Engineering		4	
	Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/Rock Mechanics			
3.4.2	Adequacy for the Project	70		
	Professional Experience in Highway Projects			
	Total Professional Experience in handling Highway/Bridge projects	15		
	< 10 years		0	Pg 859-895
	10 years		11	
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4	
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration (2/4/6 laning**) and above))	25		
	< 5 years		0	
	5 years		19	Pg 859-895
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.		6	
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30		
	< 2 Nos.		0	
	2 Nos.		25	Pg 859-895
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks		5	
3.4.3	Employment with Firm	5		
	< 1 year		0	
	1 year		3	
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2	
	Total SQME Out of 100	100		
	Total SQME Out of 6	6		
3.5	Appendix EC Clause 3.5	4		
	Road Safety Expert			
	Name of Expert			Pg 897
	Age with proof limit	65 years as on the Date of Bid Submission	39	Pg 927
	Same CV Submitted by two or more firms		No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 925-926

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.5.1	Appendix V	General Qualification	25	21	25	Pg 928-938
		Graduate in Civil Engineering		4	Submitted	
		Post-Graduation in Traffic/Transportation/ Safety Engineering or equivalent			Submitted	
3.5.2		Adequacy for the Project	70			
		Professional Experience in Highway Projects				
		Total Professional Experience in handling Highway/ Bridge projects	15			
		< 10 years		0	19 yrs (CV srl No. 1 to 10)	Pg 898-946
		10 years		11		
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4		
		Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).	15			
		< 5 years		0		
		5 years		11		
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4		
		Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20			
		< 2 Nos.		0	10 Projects (CV srl No. 1 to 10)	Pg 898-946
		2 Nos.		15		
		Add 2.5 marks extra for each additional project subject to maximum 5 marks		5		
		Experience in similar capacity in Identification and Improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10			
		< 2 Nos.		0	07 Projects (CV srl No. 3 to 7, 9, 10)	Pg 898-946
		2 Nos.		8		
		Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2		
		Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5			
		1 Project		4		
		2 Project or more		5	02 Projects (CV srl No. 8, 9)	Pg 898-946
		Experience in similar capacity in field of Road Safety Management Plan	5			
		1 Project		4		
		2 Project or more		5	07 Projects (CV srl No. 3 to 7, 9, 10)	Pg 898-946
3.3.3		Employment with Firm	5			
		<1 year		0	Currently not employed with firm	Pg 1123-1176
		1 year		3		
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2		
		Total Bridge/ structural Engineer Out of 100	100			95.00
		Total Bridge/ structural Engineer Out of 6	4			3.80



3.6	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6	CV Enclosed (Abhishira)		Pg 737 Pg 793
		Name of Expert	65 years as on the Date of Bid Submission	Mohammad Sayeed Akber		
		Age with proof limit		45		
		Same CV Submitted by two or more firms		No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 791-792
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.6.1	Appendix V	General Qualification	25			
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university	21	Submitted		Pg 794-798
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering	4	Submitted		
3.6.2		Adequacy for the Project	70			
		Professional Experience in Highway Projects				
		Total Professional Experience	15			
		< 20 years	0			
		20 Years	11			Pg 738-812
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks	4	22 yrs (CV Srl No. 01 to 20 except 15)		
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10			
		< 10 years	0			
		10 years	7	16 yrs (CV Srl No. 03 to 10, 12,13,14,20)		Pg 738-812
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.	3			
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25			
		< 4 Projects	0	15 Projects (CV Srl No. 2, 3, 5, 7, 8, 11 to 14, 16 to 20)		Pg 738-812
		4 Projects	17			
		Add 2 marks for each additional project subject to maximum 8 (eight) marks	8			
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 20m vertical depth	5			
		< 1 Projects	4			
		2 or more projects	5	2 Projects (CV Srl No. 7,19)		Pg 738-812
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15			
		< 2 Projects	0			
		2 Projects	11	07 Projects (CV Srl No. 4, 6 to 10,12,14)		Pg 738-812
		Add 2 marks for each additional project subject to maximum 4 (four) marks	4			

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3.6.3	Employment with Firm	5	0	0	Currently not employed with firm	0
	<1 year			0		
	1 year			3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2		
	Total Senior Geotechnical Engineer Out of 100	100				95
	Total Senior Geotechnical Engineer Out of 6	6				5.70

(Shri SP Koliyev, CE)
Project Hirak

(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak

(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak

(Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARYAJANA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hirak

JV FIRMS			Srl No.		Page no	
			Name of Bidder		M/s G-Eng Advisory Services in JV with Infinite Civil Solutions Pvt Ltd in association with Civil Mantra Infracon Pvt Ltd	
S.No.	Reference Clause	PARTICULAR	Min. criteria for qualification	Documents	Responsive/ Non Responsive	
STAGE-I PROOF OF ELIGIBILITY						
1		Credentail of the firm	In the form Appendix A	Submitted	Responsive	Pg 84-601
2	4.1 B (iii) of Letter of invitation	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAQ(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No.2201240015701 Dated : 22 Jan 2024 03:16 PM	Responsive	Pg 17
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	30.46 Cr (G-Eng) + 61.72 Cr (Infinite Solutions)	Responsive	Pg 90-247
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 24/6"-laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	573.08 Km (G-Eng) + 161.48 (Infinite Solutions)	Responsive	Pg 351-382
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMC/24/6"-laning/ Bridge project of aggregate length equal to 3 times or more of similar category" for which RFP is invited	174.19	288.696 Km (G-Eng) + 297.18 Km (Infinite Solutions)	Responsive	Pg 248-350
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority Engineer of at least one project of similar category of two/four/six"-laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	05 Projects (G-Eng) + 03 Projects (Infinite Solutions)	Responsive	Pg 248-350
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)	In the name of Mr. Mahipal Singh Gahlawat, Director, G-Eng on a stamp paper of Rs. 100	Responsive	Pg 2-4
		(b) If applicable, the Power of Attorney for Lead Member of JV	in case of JV	Submitted	Responsive	Pg 7-10
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	in case of JV	Submitted	Responsive	Pg 14-15
		(d) Copy of Memorandum of Understanding with Associate, if applicable	in case of Associate firm	Submitted	Responsive	Pg 14-15




5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 1303/09/2008-wg dated 28th January, 2013	Submitted	Responsive	Pg 1160-1164
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate documents in this regard shall be submitted by a bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (G-Eng) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Infinite Solutions) Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Civilmantra)	Responsive	Pg 19-82
		Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)		Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 608-609
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 611-616
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 618-626
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 627-896
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 898-902
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 904-1151
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1153
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1155-1156
9	Section 4	Affidavit – Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1158
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1160-1164
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Appendix EC Clause 1	Description	Maximum Points	Sub-Points	Points Scored	Page No.
1	1.1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.2		Less than 5.50 Cr (2% of TPC)		0		
1.1.3		5.50 Cr (2% of TPC)		1.5		
		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10			
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10		
		30.46 Cr (G-Eng) + 61.72 Cr (Infinite Solutions)			2	Pg 90-247
		32 Nos. (G-Eng) + 51 Nos. (Infinite Solutions)			10	Pg 600-606

1.3	Experience as Independent Engineer/Authority Engineer/ Construction Supervision In Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	10	8	10	Experience as Independent Engineer/Authority Engineer/ Construction Supervision In Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	10	8	10	Pg 248-350
1.3.1	1 Project		8		1 Project		8		
1.3.2	Add 1 (one) mark extra for completed assignment of Authority Engineer/independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks		2		Add 1 (one) mark extra for completed assignment of Authority Engineer/independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks		2		
1.4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	5			Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning**of length (40% of project length) or more in last 7 years	5			
1.4.1	1 Project		4		1 Project		4		
1.4.2	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark		1		Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark		1		Pg 351-382
1.5	In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10			In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10			
1.5.1	<2		0		<2		0		
1.5.2	2-5		5		2-5		5		Pg 461-552
1.5.3	>5		10		>5		10		
1.6	Experience in Construction Supervision/DPR/Design Review of Major structures having length o more than 500 meter in last 7 years	3			Experience in Construction Supervision/DPR/Design Review of Major structures having length o more than 500 meter in last 7 years	3			
1.6.1	1 Project		2		1 Project		2		Pg 553-593
1.6.2	Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks		1		Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks		1		
2	2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20			2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20			
2.1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7			Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7			
2.1.1	Equipment	4			Equipment	4			
2.1.2	(a) Equipment on MOU with Associate or on hiring basis		4		(a) Equipment on MOU with Associate or on hiring basis		4		Pg 629-638, 757-787
	(b) Own Equipment		4		(b) Own Equipment		4		
	Experience	3			Experience	3			
	1-2 projects		1		1-2 projects		1		
	3-5 projects		2		3-5 projects		2		
	> 5 projects		3		> 5 projects		3		Pg 682-754, 823-893
2.2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4			Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4			
2.2.1	Equipment	2			Equipment	2			
	(a) Equipment on MOU with Associate or on hiring basis		2		(a) Equipment on MOU with Associate or on hiring basis		2		Pg 639-644, 788-814
	(b) Own Equipment		2		(b) Own Equipment		2		
2.2.2	Experience	2			Experience	2			
	1-3 projects		1		1-3 projects		1		
	> 3 projects		2		> 3 projects		2		Pg 682-754, 823-893
2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5			Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5			
2.3.1	Equipment	2			Equipment	2			
	(a) Equipment on MOU with Associate or on hiring basis		2		(a) Equipment on MOU with Associate or on hiring basis		2		Pg 645-646
	(b) Own Equipment		2		(b) Own Equipment		2		
	Owned (G-Eng)	2			Owned (G-Eng)	2			

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2.3.2	Experience	3	1	14 Projects (G-Eng) + 08 Projects (Infinite Solutions)	3	Pg 682-754, 823-993
	1-2 projects		2			
	3-5 projects		3			
	> 5 projects					
2.4	Experience in Retro reflectometer technology	4				
2.4.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2			Pg 647-648, 815-822
	(b) Own Equipment		2			
2.4.2	Experience	2				
	1-3 projects		1			Pg 682-754, 823-993
	> 3 projects		2			
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, MBU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.3-1(g) of GCC						
3	Appendix EC Clause 3	40		CV Enclosed (G-Eng)		
3.1	Team Leader cum Senior Highway Engineer	12				
	Name of Expert			Pankaj Bakaya		Pg 905-907
	Age with proof limit		65 years as on the Date of Bid Submission	64		Pg 968
	Same CV Submitted by two or more firms			No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.1.1	Appendix V (1) General Qualification	25	21	Submitted	21	Pg 967
	Graduate in Civil Engineering			NA		
	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering		4			
3.1.2	Relevant Experience & Adequacy for the Project	70				
3.1.2(a)	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects	10				
	< 12 years		0			Pg 908-965
	12 years		8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2			
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (24/6laning** and above)	15				
	< 5 years		0			
	5 years		11			Pg 908-965
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks		4			
				35 yrs 05 months (CV srl No. 2 to 54)	10	
				8 yrs 1 month (CV srl No. 12 to 54)	14	

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3.1.2(b)	Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC	5					
	1 Project		4				
	add 1 mark extra for additional projects subject to maximum 1(one) mark		1				Pg 908-965
	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	15					
	<2 Projects		0				
3.1.2(c)	2 Projects		11				Pg 908-965
	Add 2 marks for each additional project subject to maximum 4 marks.		4				
	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/C involving length 40% of project length or more of similar configuration (2/4/6** laning) and above	20					
	<2 Projects		0				
	2 Projects		16				Pg 908-965
3.1.2(d)	Add 2 marks extra for each additional project subject to maximum 4(four) marks		4				
	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	5					
	1 Projects		4				
	Add 1 mark extra for each additional project subject to maximum 1(one) mark		1				Pg 908-965
	Employment with Firm	5					
3.1.3	<1 year		0				
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
	Total Team Leader cum Senior Tunnel Expert Out of 100	100					
	Total Team Leader cum Senior Tunnel Expert Out of 12	12					10.80
CV Enclosed (G-Eng)							
3.2	Appendix EC Clause 3.2	6					
	Resident cum Highway Engineer						
	Name of Expert						Pg 972-973
	Age with proof limit	65 years as on the Date of Bid Submission					Pg 992
	Same CV Submitted by two or more firms						
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.							
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.2.1	Appendix V (General Qualification)	25					
	Graduate in Civil Engineering		21				
	Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4				
							Pg 993

3.2.2	Adequacy for the Project		70				
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway projects		20				
	< 12 years			0		28 yrs 07 months (CV srl No. 2 to 11, 13 to 16)	Pg 974-991
	12 years			8			
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks			12			
	Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (2/4/6laning") and above)		20				
	< 5 years			0			Pg 974-991
	5 years			15		28 yrs 07 months (CV srl No. 2 to 11, 13 to 16)	
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			5			
	Experience in similar capacity in handling major 2/4/6- laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning") and above)		25				
	< 2 Nos.			0			Pg 974-991
	2 Nos.			19		13 Projects (CV srl No. 2 to 10, 12 to 15)	
	Add three marks extra for each additional project subject to maximum 6 (Six)marks			6			
	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(2/4/6laning")and above)		5				
	1 No.			4		12 Projects (CV srl No. 1 to 3, 6 to 9, 12 to 16)	Pg 974-991
	Add 1(one) mark extra for each additional project subject to maximum 1(one) mark			1			
3.2.3	Employment with Firm		5			Currently not employed with firm	
	<1 year			0			
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Resident cum Highway Engineer Out of 100		100				
	Total Resident cum Highway Engineer Out of 6		6			91	
						5.46	
3.3	Appendix EC Clause 3.3	Bridge/ Structural Engineer	6			CV Enclosed (TASPL)	
		Name of Expert				Dashrathbhai Patel	Pg 1004-1005
		Age with proof/ limit	65 years as on the Date of Bid Submission			63	Pg 1030
		Same CV Submitted by two or more firms				No	
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted	Pg 1004-1005
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						

3.3.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	Submitted	21	Pg 1031
		Post-Graduation in Structural Engineering		4	NA		
3.3.2		Adequacy for the Project	70				
		Professional Experience in Highway Projects					
		Total Professional Experience in handling Highway/ Bridge projects	15				
		< 10 years		0	37 yr 02 months (CV srl No. 1 to 3, 7 to 16, 18, 19)	15	Pg 1006 - 1050
		10 years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
		Experience in similar capacity in Design/Construction/Supervision of Bridges/ROB/Flyovers/Interchanges/any other such structures (similar configuration (2/4/8laning**) and above)	20				
		< 5 years		0	27 yrs 05 month (CV srl No. 2, 3, 7 to 12, 14 to 19)	20	Pg 1006 - 1050
		5 years		15			
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5			
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20				
		< 2 Bridge		0	36 Bridges & flyovers / ROB (CV srl No. 10 to 12, 14, 16 to 18)	20	Pg 1006 - 1050
		2 Bridge		15			
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5			
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10				
		< 2 Nos.		0	6 Nos. (CV srl No. 8, 19)	10	Pg 1006 - 1050
		2 Nos.		8			
		>= 3 Nos.		10			
		Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge Full Span Launching, Incremental Launching	5				
		1 Nos.		4	8 Nos. (CV srl No. 8, 14, 15)	5	Pg 1006 - 1050
		> 1 Nos.		5			
3.3.3		Employment with Firm	5		Currently not employed with firm	0	
		< 1 year		0			
		1 year		3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
		Total Bridge/ structural Engineer Out of 100	100			91	
		Total Bridge/ structural Engineer Out of 6	6			5.46	
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6		CV Enclosed (G-Eng)		
		Name of Expert			Togaru Nagarjuna		Pg 1052 - 1053
		Age with proof limit			36		Pg 1063
		Same CV Submitted by two or more firms			No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 1052 - 1053	
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.4.1	Appendix V (General Qualification	25	21	25	
	Graduate in Civil Engineering		4		
	Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/ Rock Mechanics				
3.4.2	Adequacy for the Project	70			
	Professional Experience in Highway Projects				
	Total Professional Experience in handling Highway/Bridge projects	15			
	< 10 years		0		
	10 years		11		
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4		
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration (2/4/6 laning**) and above)	25			
	< 5 years		0		
	5 years		19		
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.		6		
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30			
	< 2 Nos.		0		
	2 Nos.		25		
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks		5		
3.4.3	Employment with Firm	5			
	< 1 year		0		
	1 year		3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2		
	Total SQME Out of 100	100			
	Total SQME Out of 6	6			
CV Enclosed (Civil mantra)					
3.5	Appendix EC Clause 3.5	4			
	Road Safety Expert				
	Name of Expert		Sumit Magotra		Pg 1127 - 1129
	Age with proof limit	65 years as on the Date of Bid Submission	41		Pg 1144
	Same CV Submitted by two or more firms		No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					
	Submitted				Pg 1127 - 1129
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					

3.5.1	Appendix V (General Qualification)	25	21	Submitted	21	Pg 1145
	Graduate in Civil Engineering		4	NA		
	Post-Graduation in Traffic/Transportation/ Safety Engineering or equivalent	70				
3.5.2	Adequacy for the Project	15				
	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway/ Bridge projects					
	< 10 years		0	16 yrs 02 months (CV srl No. 1 to 12)	15	Pg 1130 - 1151
	10 years		11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/laning") and above).					
	< 5 years		0	11 yrs 06 months (CV srl No. 6 to 12)	15	Pg 1130 - 1151
	5 years		11			
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4			
	Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20				
	< 2 Nos.		0	08 Projects (CV srl No. 4 to 11)	20	Pg 1130 - 1151
	2 Nos.		15			
	Add 2.5 marks extra for each additional project subject to maximum 5 marks		5			
	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning") and above)	10				
	< 2 Nos.		0	12 Projects (CV srl No. 1 to 12)	10	Pg 1130 - 1151
	2 Nos.		8			
	Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2			
	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5				
	1 Project		4	12 Projects (CV srl No. 1 to 12)	5	Pg 1130 - 1151
	2 Project or more		5			
	Experience in similar capacity in field of Road Safety Management Plan	5				
	1 Project		4	12 Projects (CV srl No. 1 to 12)	5	Pg 1130 - 1151
	2 Project or more		5			
3.3.3	Employment with Firm	5				
	<1 year		0	Employed with associate partner Civilmantra	5	Pg 1130 - 1151
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total Bridge/ structural Engineer Out of 100	100			96.00	
	Total Bridge/ structural Engineer Out of 6	4			3.84	

3.6 Appendix EC Clause 3.6		Senior Geotechnical Engineer		6		CV Enclosed (G-Eng)		Pg 1072 - 1073 Pg 1122 - 1124	
		Name of Expert		65 years as on the Date of Bid Submission		Udranand Bishwas			
		Age with proof limit				63			
		Same CV Submitted by two or more firms				No			
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.									
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.6.1	Appendix V (General Qualification)	25	21			Submitted		Pg Pg 1118 - 1121	
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university							
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		70		NA			
3.6.2	Adequacy for the Project								
		Professional Experience in Highway Projects							
		Total Professional Experience		15					
		< 20 years		0					
		20 Years		11					
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4					
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)		10					
		< 10 years		0					
		10 years		7					
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3					
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)		25					
		< 4 Projects		0					
		4 Projects		17					
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8					
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth		5					
		< 1 Projects		4					
		2 or more projects		5					
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length		15					
		< 2 Projects		0					
		2 Projects		11					
		Add 2 marks for each additional project subject to maximum 4 (four) marks		4					
						0 Projects		Pg 1074 - 1117	
						0 Projects			
						0 Projects			
						0 Projects		Pg 1074 - 1117	

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3.6.3	Employment with Firm	5	Currently not employed with firm	0
	<1 year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks	2		
	Total Senior Geotechnical Engineer Out of 100	100		36
	Total Senior Geotechnical Engineer Out of 6	6		2.16



(Shri SP Koliyav, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri M Kesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Shri Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARYAJANA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hirak

Sri No.		JV FIRMS		Page no	
S.No.		Reference Clause	Min. criteria for qualification	Documents	Responsive/ Non Responsive
		PARTICULAR	Min. criteria for qualification	Documents	Responsive/ Non Responsive
STAGE - I PROOF OF ELIGIBILITY					
1	Credentail of the firm	Submitted			
2	4.1 B (iii) of Letter of invitation	Document fee:	In the form Appendix A	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No.0202240028473 Dated : 02 Feb 2024 03:17 PM	Responsive Pg 38 - 747 Pg 1
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	12.71 Cr (Indian Technocrat) + 18.35 Cr (Ayoleeza)	Responsive Pg 94 - 142, Pg 553 - 568
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report(PMC of 24/6** - laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	1124.34 Km (Indian Technocrat) + 221.25 (Ayoleeza)	Responsive Pg 211 - 243, Pg 622 - 627
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCof24/6** - laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	174.19	1589.146 Km (Indian Technocrat) + 255.69 Km (Ayoleeza)	Responsive Pg 143 - 210, Pg 569 - 621
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similarcategory of two/four/six** laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	12 Projects (Indian Technocrat) + 05 Projects (Ayoleeza)	Responsive Pg 143 - 210, Pg 569 - 621
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs. 100 and duly notarized (Name of Authorized Signatory)	In the name of Mr. Sanjeev Kulshrestha, President, Indian Technocrat on a stamp paper of Rs. 100 Letter of JV submitted	Responsive Pg 10-18
		(b) If applicable, the Power of Attorney for Lead Member of JV	In case of JV	Submitted	Responsive Pg 20
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	In case of JV	Submitted	Responsive Pg 26 - 29
		(d) Copy of Memorandum of Understanding with Associate, if applicable	In case of Associate firm	Submitted	Responsive Pg 21 - 29



5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the QV No. 13030209/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 1295 - 1300
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India Certificate/documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Indian Technocrat) Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Ayoleeza) Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (BESHTTECH)	Responsive	Pg 58 - 93, Pg 508 - 552
			Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 5 - 7
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 749 - 753
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 754 - 759
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 760 - 990
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 991 - 995
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 996 - 1288
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1289 - 1290
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1291 - 1292
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1293 - 1294
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1295 - 1300
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Description		Maximum Points	Sub- Points	Remarks	Points Scored
1	Appendix EC Clause 1		40			
1.1	1. Evaluation Criteria for Assessment of Experience of the Firm		2			
1.1.1	Average Annual Turnover (last 3 years) from consultancy business			0		
1.1.2	Less than 5.50 Cr (2% of TPC)			1.5		
1.1.3	5.50 Cr (2% of TPC)			0.5		
1.2	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		10		12.71 Cr (Indian Technocrat) + 18.35 Cr (Ayoleeza)	2
1.2.1	Nos. of Highway Professionals with the firm					
1.2.2	<10			0		
1.2.3	10-20			8		
1.2.4	>20 but <=30			9		
	>30			10	12 Nos. (Indian Technocrat) + 16 Nos. (Ayoleeza)	9
						Pg (i) 706 (ii) 452

2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5				
2.3.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2		Owned (TTL Engineering Pvt Ltd). TTL Engineering Pvt Ltd to act as associate partner for technology provider	Pg 903 - 911
2.3.2	(b) Own Equipment	3				
	Experience					
	1-2 projects		1			
	3-5 projects		2			
	> 5 projects		3		12 Projects (Ayoleeza) + 04 Projects (TTL Engineering)	Pg 912 - 969
2.4	Experience in Retro reflectometer technology	4				
2.4.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2		Owned (Ayoleeza)	Pg 971
2.4.2	(b) Own Equipment	2				
	Experience					
	1-3 projects		1			
	> 3 projects		2		11 Projects (Indian Technocrat) + 06 Projects (TTL Engineering)	Pg 972 - 990
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.3-1(g) of GCC						
3	Appendix EC Clause 3	40				
3.1	Appendix EC Clause 3.1	12			CV Enclosed (Indian Technocrat)	
	Team Leader cum Senior Highway Engineer					Pg 998
	Name of Expert				Vijay Kumar Pandey	Pg 998
	Age with proof limit	65 years as on the Date of Bid Submission			54	
	Same CV Submitted by two or more firms				No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.1.1	Appendix V (General Qualification)	25				
	Graduate in Civil Engineering		21		Submitted	Pg 1022 - 1029
	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/ Structural Engineering or equivalent specialised stream of civil engineering		4		Submitted	
3.1.2	Relevant Experience & Adequacy for the Project	70				
3.1.2(a)	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects	10				
	< 12 years		0			
	12 years		8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2			
			25 yrs 08 months			
			(CV srl No. 1 to 17 except Srl No. 15)			
			10			Pg 1001 - 1053

	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/6laning**)(and above)	15			15 yrs 08 months (CV srl No. 3 to 11, 16&17)	15	Pg 1001 - 1053
	< 5 years			0			
	5 years			11			
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks			4			
	Experience as Team Leader of similar capacity in Highway Development Projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC	5					
	1 Project			4	07 Projects (CV srl No. 5,6,8,9,11,16,17)	5	Pg 1001 - 1053
	add 1 mark extra for additional projects subject to maximum 1(one) mark			1			
3.1.2(b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6laning**) and above)	15					
	<2 Projects			0			
	2 Projects			11	04 Projects (CV Srl No. 5,6,8,9)	15	Pg 1001 - 1053
	Add 2 marks for each additional project subject to maximum 4 marks.			4			
3.1.2(c)	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6 laning) and above	20					
	<2 Projects			0			
	2 Projects			16	05 Projects (CV Srl No. 3,10,11,16,17)	20	Pg 1001 - 1053
	Add 2 marks extra for each additional project subject to maximum 4(four) marks			4			
3.1.2(d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	5					
	1 Projects			4	2 Projects (CV Srl No. 4, 7)	5	Pg 1001 - 1053
	Add 1 mark extra for each additional project subject to maximum 1(one) mark			1			
3.1.3	Employment with Firm	5			Currently not employed with firm	0	
	<1 year			0			
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Team Leader cum Senior Highway Engineer Out of 100	100				95	
	Total Team Leader cum Senior Highway Engineer Out of 12	12				11.40	
3.2	Appendix EC Clause 3.2	6			CV Enclosed (Ayoleeza)		
	Resident cum Highway Engineer						Pg 1055
	Name of Expert				Harmesh Kumar Singh		Pg 1073
	Age with proof limit	65 years as on the Date of Bid Submission			60		
	Same CV Submitted by two or more firms				No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 1056
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						

3.2.1	Appendix V 2.1 (C1.13.1)	General Qualification	25	21	Submitted	21	Pg 1074 - 1075
		Graduate in Civil Engineering		4	NA		
		Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering					
3.2.2		Adequacy for the Project	70				
		Professional Experience in Highway Projects					
		Total Professional Experience in handling Highway projects	20				
		< 12 years		0	32 yrs (CV srl No. 1 to 7, 10, 12)	20	Pg 1057 - 1082
		12 years		8			
		Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks		12			
		Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (24/46laning") and above)	20				
		< 5 years		0	24 yrs 01 months (CV srl No. 3 to 10,12)	20	Pg 1057 - 1082
		5 years		15			
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5			
		Experience in similar capacity in handling major 24/46. laning" projects (of length 40% of project length or more of similar configuration (24/46 laning") and above)	25				
		< 2 Nos.		0	09 Projects (CV srl No. 2 to 7, 10, 12)	25	Pg 1057 - 1082
		2 Nos.		19			
		Add three marks extra for each additional project subject to maximum 6 (Six)marks		6			
		Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(24/46laning")and above)	5				
		1 No.		4	07 Projects (CV srl No. 4 to 10)	5	Pg 1057 - 1082
		Add (one) mark extra for each additional project subject to maximum (one) mark		1			
3.2.3		Employment with Firm	5				
		<1 year		0	Employed with firm since 01 Jun 2013	5	Pg 1057 - 1082
		1 year		3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
		Total Resident cum Highway Engineer Out of 100	100			96	
		Total Resident cum Highway Engineer Out of 6	6			5.76	
3.3	Appendix EC Clause 3.3	Bridge/ Structural Engineer	6		CV Enclosed (Indian Technocrats)		
		Name of Expert			Asish Pal		Pg 1084
		Age with proof limit		65 years as on the Date of Bid Submission	57		Pg 1084
		Same CV Submitted by two or more firms			No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 1085 - 1086
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.3.1	Appendix V (General Qualification	25	21	Submitted		Pg 1123 - 1124
	Graduate in Civil Engineering		4	NA		
3.3.2	Post-Graduation in Structural Engineering	70				
	Adequacy for the Project					
	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway/ Bridge projects	15				
	< 10 years		0	21 yr 01 month (CV srl No. 2 to 5, 12, 13, 15, 17, 19, 21, 23)		Pg 1087 - 1148
	10 years		11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20				
	< 5 years		0	14 yrs 05 months (CV srl No. 5, 12, 13, 15, 17, 19, 21, 23)		Pg 1087 - 1148
	5 years		15			
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5			
	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20				
	< 2 Bridge		0	24 Bridges & flyovers / ROB (CV srl No. 4 to 8, 10 to 18)		Pg 1087 - 1148
	2 Bridge		15			
	Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5			
	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10				
	< 2 Nos.		0	8 Nos. (CV srl No. 5, 10, 11,13,14,17)		Pg 1087 - 1148
	2 Nos.		8			
	>= 3 Nos.		10			
	Experience in similar capacity of modern bridge construction technology viz. Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5				
	1 Nos.		4	9 Nos. (CV srl No. 7, 11, 12, 14, 15, 17, 18)		Pg 1006 - 1050
	> 1 Nos.		5			
3.3.3	Employment with Firm	5		Currently not employed with firm		0
	<1 year		0			
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total Bridge/ structural Engineer Out of 100	100				91
	Total Bridge/ structural Engineer Out of 6	6				5.46



3.5 Appendix EC Clause 3.5		Road Safety Expert		4		CV Enclosed (Indian Technocrat)		
		Name of Expert		Abhilash BR		Pg 1237		
		Age with proof limit		65 years as on the Date of Bid Submission		Pg 1237		
		Same CV Submitted by two or more firms		No		1268-1269		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						Submitted Pg 1238 - 1239		
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.								
3.5.1	Appendix V (General Qualification)	25		21		Pg 1270 - 1272		
Graduate in Civil Engineering				4				
Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent		70						
3.5.2	Adequacy for the Project							
Professional Experience in Highway Projects		15						
Total Professional Experience in handling Highway/ Bridge projects				0		14 yrs 08 months (CV srl No. 1 to 23)		
< 10 years				11				
10 years				4				
Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks								
Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).		15						
< 5 years				0		13 yrs 06 months (CV srl No. 4 to 23)		
5 years				11				
Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks				4				
Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage		20						
< 2 Nos.				0		07 Projects (CV srl No. 4,5,6,8,13,14,18 to 23)		
2 Nos.				15				
Add 2.5 marks extra for each additional project subject to maximum 5 marks				5				
Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)		10						
< 2 Nos.				0		17 Projects (CV srl No. 4, 7, 9 to 23)		
2 Nos.				8				
Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks				2				
Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway		5						
1 Project				4				
2 Project or more				5		5 Pg 1240 - 1288		
Experience in similar capacity in field of Road Safety Management Plan		5						
1 Project				4				
2 Project or more				5		5 Pg 1240 - 1288		

3.3.3	Employment with Firm		5	0	Employed with Indian Technocrats since Oct 2017	5	Pg 1240 - 1288
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Bridge/ structural Engineer Out of 100		100			100.00	
	Total Bridge/ structural Engineer Out of 6		4			4.00	
3.5	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6		CV Enclosed (Ayoleeza)		
	Name of Expert				Gopal Sharma		Pg 1150
	Age with proof limit		65 years as on the Date of Bid Submission		51		Pg 1162
	Same CV Submitted by two or more firms				No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.							
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.6.1	Appendix V	General Qualification	25	21			Pg 1155 - 1161
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university			Submitted	21	
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		4	NA		
3.6.2		Adequacy for the Project	70				
		Professional Experience In Highway Projects					
		Total Professional Experience	15				
		< 20 years		0	27 yrs 07 months (CV Srl No. 01 to 12)	15	Pg 1151 - 1203
		20 Years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10				
		< 10 years		0	24 yrs 05 months (CV Srl No. 3, 5, 7, 9 to 12)	10	Pg 1151 - 1203
		10 years		7			
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3			
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25				
		< 4 Projects		0	7 Projects (CV Srl No. 3, 5, 7, 9 to 12)	23	Pg 1151 - 1203
		4 Projects		17			
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8			
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5				
		< 1 Projects					
		2 or more projects		4		0	Pg 1151 - 1203

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著

(Shri SP Kollipety, CE)
Project Hirak

(Shri AK Gupta, SE (Civ))
HQ CE (P) HIRAK

(Shri Mukesh Kumar
HQ CE/CP) HIRAK

(Shri Mukesh Kumar Yadav, EE (Civ))
H.O. CE (P) HIRAK

(Representative of Finance)
HQ CE (P) / Rak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOUNA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hirak

JV FIRMS			Page no			
M/s Geo Design & Research (P) Ltd		Responsive/ Non Responsive				
Documents						
STAGE-I PROOF OF ELIGIBILITY						
STAGE-I PROOF OF ELIGIBILITY			STAGE-I PROOF OF ELIGIBILITY			
PARTICULAR			Min. criteria for qualification			
Srl No.			Name of Bidder			
Reference Clause			Min. criteria for qualification			
STAGE-I PROOF OF ELIGIBILITY			STAGE-I PROOF OF ELIGIBILITY			
Credentail of the firm			In the form Appendix A			
1						
2	4.1 B (iii) of Letter of invitation	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Submitted	Responsive	Pg 12 - 703
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	55.59 Cr	Responsive	Pg 68 - 105
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 24/6**..laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	253.85 Km	Responsive	Pg 523 - 596
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCof24/6**..laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	174.19	629.13 Km	Responsive	Pg 383 - 466
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similarcategory of two/four/six**laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	11 Projects	Responsive	Pg 383 - 466
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)	In the name of Mr. Tarun Modi, Authorized Representative, Geo Designs and Research (P) Ltd on a stamp paper of Rs. 300	Responsive	Pg 9 - 10
		(b) If applicable, the Power of Attorney for Lead Member of JV	In case of JV	NA		
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	In case of JV	NA		
		(d) Copy of Memorandum of Understanding with Associate, if applicable	In case of Associate firm	NA		



5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-v-9 dated 28th January, 2013	Submitted	Responsive	Pg 1273 - 1277
6	1.12	Registration with DPIIT	Any bidder from a country which shares border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required.	Responsive	Pg 13 - 66
			Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 706
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 708 - 710
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 712 - 717
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 718 - 914
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 916 - 917
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 918 - 1263
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1265
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1267 - 1268
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1270 - 1271
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1273 - 1277
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.		Description	Maximum Points	Sub- Points	Points Scored	Page No.
1	Appendix EC Clause 1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.1		Less than 5.50 Cr (2% of TPC)		0		
1.1.2		5.50 Cr (2% of TPC)		1.5		
1.1.3		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10			
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10		
1.3		Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 2446-laning** of length (40% of project length) or more in last 7 years	10			
1.3.1		1 Project				
1.3.2		Add 1 (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks		8		
				2		
		11 Projects			10	Pg 383 - 466

1.4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning*of length (40% of project length) or more in last 7 years	5				
1.4.1	1 Project		4		4 Projects	Pg 523 - 596
1.4.2	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark		1			
1.5	In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10				
1.5.1	<2		0		10	Pg 598 - 632
1.5.2	2-5		5			
1.5.3	>5		10			
1.6	Experience In Construction Supervision/DPR/Design Review of Major structures having length o fmore than 500 meter in last 7years	3				
1.6.1	1 Project		2		21 Projects	Pg 634 - 699
1.6.2	Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks		1			
2	2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20				
2.1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7				
2.1.1	Equipment	4				
	(a) Equipment on MOU with Associate or on hiring basis		4		Owned	Pg 721 - 730
	(b) Own Equipment		4			
2.1.2	Experience	3				
	1-2 projects		1			
	3-5 projects		2		6 Projects	Pg 732 - 749
	> 5 projects		3			
2.2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4				
2.2.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2		Owned	Pg 752 - 761
	(b) Own Equipment		2			
2.2.2	Experience	2				
	1-3 projects		1			
	> 3 projects		2		25 Projects	Pg 763 - 806
2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5				
2.3.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis		2		Owned	Pg 809 - 819
	(b) Own Equipment		2			
2.3.2	Experience	3				
	1-2 projects		1			
	3-5 projects		2		14 Projects	Pg 821 - 890
	> 5 projects		3			

2.4	Experience in Retro reflectometer technology									
2.4.1	Equipment	4	2							
	(a) Equipment on MOU with Associate or on hiring basis		2						Owned	Pg 893 - 896
	(b) Own Equipment		2							
2.4.2	Experience	2								
	1-3 projects		1							
	> 3 projects		2						8 Projects	Pg 898 - 914
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.3.1(g) of GCC										
3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel								
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	40	12					CV Enclosed	
		Name of Expert							Vishnu Shankar Dubey	Pg 920
		Age with proof limit	65 years as on the Date of Bid Submission						54	Pg 926
		Same CV Submitted by two or more firms							No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.										
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.										
3.1.1	Appendix V (General Qualification)	Graduate in Civil Engineering	25	21					Submitted	Pg 927 - 928
		Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/ Structural Engineering or equivalent specialised stream of civil engineering		4						
3.1.2		Relevant Experience & Adequacy for the Project	70							
3.1.2(a)		Professional Experience in Highway Projects								
		Total Professional Experience in handling Highway projects	10							
		< 12 years		0					31 yrs 02 months	Pg 922 - 983
		12 years		8					(CV srl No. 1 to 18 except Srl No. 02)	
		Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2						
		Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration [2/4/6laning**] and above)	15							
		< 5 years		0					26 yrs 02 months	Pg 922 - 983
		5 years		11					(CV srl No. 3 to 18)	
		Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks		4						
		Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration [2/4/6 laning**] and above) on EPC	5							
		1 Project		4					11 Projects	
		Add 1 mark extra for additional projects subject to maximum 1(one) mark		1					(5, 6, 8 to 13, 16 to 18)	Pg 922 - 983

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3.4.2	Adequacy for the Project		70				
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway/Bridge projects		15				
	< 10 years			0		15	Pg 1132 - 1148
	10 years			11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks			4			
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above))		25				
	< 5 years			0			
	5 years			19		25	Pg 1132 - 1148
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.			6			
	Experience in similar capacity in handling Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)		30				
	< 2 Nos.			0			
	2 Nos.			25		30	Pg 1132 - 1148
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks			5			
3.4.3	Employment with Firm		5				
	< 1 year			0			
	1 year			3		0	
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total SQME Out of 100		100			91	
	Total SQME Out of 6		6			5.46	
3.5	Appendix EC Clause 3.5	Road Safety Expert	4			CV Enclosed	
		Name of Expert				Trivedi Jignesh Amrutlal	Pg 1150
		Age with proof limit	65 years as on the Date of Bid Submission			55	Pg 1158
		Same CV Submitted by two or more firms				No	
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted	Pg 1150 - 1151
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.5.1	Appendix V	General Qualification	25				
		Graduate in Civil Engineering		21			
		Post-Graduation in Traffic/Transportation/ Safety Engineering or equivalent		4		Submitted	Pg 1159
3.5.2		Adequacy for the Project	70			NA	
		Professional Experience in Highway Projects					
		Total Professional Experience in handling Highway/ Bridge projects	15				
		< 10 years		0			
		10 years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4		29 yrs 09 months (CV srl No. 1 to 35)	Pg 1152 - 1263

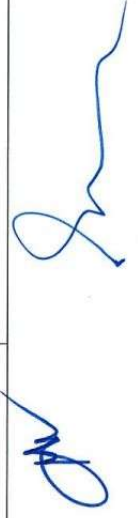
Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).		15			25 yrs 02 months (CV srl No.1 to 4, 17, 18, 31, 32, 34, 35)	15	Pg 1152 - 1263
< 5 years			0				
5 years			11				
Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			4				
Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage		20					
< 2 Nos.			0		14 Projects	20	Pg 1152 - 1263
2 Nos.			15		(CV srl No. 2, 5, 16 to 18, 22, 23, 26, 28, 30, 31, 32, 34, 35)		
Add 2.5 marks extra for each additional project subject to maximum 5 marks			5				
Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)		10					
< 2 Nos.			0		14 Projects	10	Pg 1152 - 1263
2 Nos.			8		(CV srl No. 2, 5, 16 to 18, 22, 23, 26, 28, 30, 31, 32, 34, 35)		
Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks			2				
Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway		5					
1 Project			4		14 Projects	5	Pg 1152 - 1263
2 Project or more			5		(CV srl No. 2, 5, 16 to 18, 22, 23, 26, 28, 30, 31, 32, 34, 35)		
Experience in similar capacity in field of Road Safety Management Plan		5			06 Projects (CV srl No. 18, 31 to 35)	5	Pg 1152 - 1263
1 Project			4				
2 Project or more			5				
Employment with Firm		5			Currently not employed with firm	0	Pg 1240 - 1288
<1 year			0				
1 year			3				
Add 0.5 marks for each subsequent year subject to maximum 2 marks			2				
Total Bridge/ structural Engineer Out of 100		100				91.00	
Total Bridge/ structural Engineer Out of 6		4				3.64	
CV Enclosed							
3.6	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6		Usman Shareef Ahmed Shareef		Pg 1062 Pg 1068
		Name of Expert	65 years as on the Date of Bid Submission		50		
		Age with proof limit			No		
		Same CV Submitted by two or more firms			Submitted		Pg 1062 - 1063
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.							
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.6.1	Appendix V	General Qualification	25		Submitted	21	Pg 1069 - 1072
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university					
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering	4		NA		

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 56.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJNA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 Km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hrak

Srl No.			JV FIRMS			Page no
Name of Bidder			M/s MSV International Inc in association with M/s MPG Engineering Consultancy Pvt Ltd			Responsive/ Non Responsive
PARTICULAR			Documents			
STAGE-I PROOF OF ELIGIBILITY			STAGE-I PROOF OF ELIGIBILITY			
	Credentail of the firm	In the form Appendix A	Submitted			Responsive
1						Pg 16 - 614
2	4.1 B (iii) of Letter of invitation	Document fee: Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref No.3101240005338 Dated : 31 Jan 2024 10:58 AM			Responsive Pg 1622
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business > 5.50 Crore	138.45 Cr			Responsive Pg 69 - 138
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/4/6** -laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	1944.215 Km			Responsive Pg 297 - 392
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCof2/4/6** -laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	2833.733 Km			Responsive Pg 139 - 296
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similarcategory of two/four/six**laning/ bridge work of length equal to 40% of project length	28 Projects			Responsive Pg 139 - 296
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application (b) If applicable, the Power of Attorney for Lead Member of JV (c) Copy of Memorandum of Understanding between JV partners, if applicable (d) Copy of Memorandum of Understanding with Associate, if applicable	In the name of Mr. Pushkar Malik, Managing Director, MSV International Inc. after paying stamp duty of Rs. 1000 NA NA Submitted			Responsive Pg 2 - 5 Pg 11 - 12



5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 1332 - 1336
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India Certificate documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (MSV International & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (MPG Engineering)	Responsive	Pg 35, 57
		Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)			Responsive	
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 14 - 15
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 617 - 620
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 622 - 634
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 636 - 769
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 771 - 775
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 779 - 1319
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1321 - 1322
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1324 - 1328
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1330
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1332 - 1336
STAGE II- TECHNICAL EVALUATION (MARKING)						
S. No.	Appendix EC Clause 1	Description	Maximum Points	Sub-Points	Points Scored	Page No.
1	1.1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.2		Less than 5.50 Cr (2% of TPC)		0		
1.1.3		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		1.5		
1.2		Nos. of Highway Professionals with the firm	10	0.5		
1.2.1		<10				
1.2.2		10-20		0		
1.2.3		>20 but <=30		8		
1.2.4		>30		9		
					2	Pg 69 - 138
					10	Pg 605 - 614

2.3.2	Experience	3	1	3	Pg 694 - 769
	1-2 projects		2		
	3-5 projects		3		
	> 5 projects				
2.4	Experience in Retro reflectometer technology	4		14 Projects	
2.4.1	Equipment	2			
	(a) Equipment on MOU with Associate or on hiring basis		2		
	(b) Own Equipment		2	Owned	Pg 677 - 683
2.4.2	Experience	2			
	1-3 projects		1		
	> 3 projects		2	17 Projects	Pg 694 - 769

(f) The Consultants owning the equipment shall be required to submit proof of ownership
(ii) (iv) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.9.1(g) of GOC

3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel	40		
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	12	CV Enclosed (MSV International Inc.)	
		Name of Expert		Bhimrao C Shende	Pg 779
		Age with proof limit	65 years as on the Date of Bid Submission	62	Pg 785 - 787
		Same CV Submitted by two or more firms		No	
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted	Pg 860 - 861

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.

3.1.1	Appendix V	General Qualification	25		
		Graduate in Civil Engineering	21	Submitted	Pg 788 - 789
		Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4		
3.1.2		Relevant Experience & Adequacy for the Project	70		
3.1.2(a)		Professional Experience in Highway Projects			
		Total Professional Experience in handling Highway projects	10		
		< 12 years	0		
		12 years	8		
		Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks	2		
		Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/8laning**)) and above	15		
		< 5 years	0		
		5 years	11		
		Add 1 mark extra for each additional year of experience subject to maximum 4(four) marks	4		
				14 yrs 10 months (CV srl No. 4, 8, 9, 10, 12 to 17)	Pg 780 - 859
				14 yrs 10 months (CV srl No. 4, 8, 9, 10, 12 to 17)	Pg 780 - 859

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3.3.1	Appendix V (General Qualification)	25	21	21	Submitted	21	Pg 984
	Graduate in Civil Engineering		4		NA		
3.3.2	Post-Graduation in Structural Engineering	70					
	Adequacy for the Project						
	Professional Experience in Highway Projects	15					
	Total Professional Experience in Handling Highway Bridge projects						
	< 10 years		0		14 yr 03 months (CV srl No. 1 to 7)	15	Pg 978 - 1009
	10 years		11				
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
	Experience in similar capacity in Design/Construction/Supervision of Bridges/ROBFI/over/interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20					
	< 5 years		0		11 yr 07 months (CV srl No. 2, 3, 4, 5, 7)	20	Pg 978 - 1009
	5 years		15				
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5				
	Experience in similar capacity in supervision of Major Highway Bridges/ROBFI/over/ Interchanges/ any other structures	20					
	< 2 Bridge		0		18 Bridge (CV srl No. 2, 3, 4, 5, 7)	20	Pg 978 - 1009
	2 Bridge		15				
	Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5				
	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROBFI/over/ Interchanges/ any other structures	10					
	< 2 Nos.		0		10 Bridge (CV srl No. 2, 3, 4, 5, 7)	10	Pg 978 - 1009
	2 Nos.		8				
	>= 3 Nos.		10				
	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5					
	1 Nos.		4		06 Bridge (CV srl No. 2, 3, 4, 5, 7)	5	Pg 978 - 1009
	> 1 Nos.		5				
3.3.3	Employment with Firm	5					
	<1 year		0		Currently not employed with firm	0	
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
	Total Bridge/ structural Engineer Out of 100	100				91	
	Total Bridge/ structural Engineer Out of 6	6				5.46	
3.4	Appendix EC Clause 3.4	6			CV Enclosed (MSV International Inc.)		
	Senior Quality cum Material Expert				Kumar Neeraj		Pg 1012
	Name of Expert				56		Pg 1016
	Age with proof limit			65 years as on the Date of Bid Submission			
	Same CV Submitted by two or more firms				No		

[Signature]

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 1063 - 1064
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.4.1	Appendix V (General Qualification)	25	21	
	Graduate in Civil Engineering		4	Pg 1017 - 1022
	Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/Rock Mechanics	70		
3.4.2	Adequacy for the Project			
	Professional Experience in Highway Projects	15		
	Total Professional Experience in handling Highway/Bridge projects			
	< 10 years		0	Pg 1013 - 1062
	10 years		11	
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4	
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects (similar configuration (2/4/6 laning**) and above)	25		
	< 5 years		0	
	5 years		19	
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.		6	
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30		
	< 2 Nos.		0	
	2 Nos.		25	
	Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks		5	
3.4.3	Employment with Firm	5		
	< 1 year		0	
	1 year		3	
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2	
	Total SQME Out of 100	100		
	Total SQME Out of 6	6		
3.5	Appendix EC Clause 3.5	4		
	Road Safety Expert			
	Name of Expert			Pg 1065
	Age with proof limit	65 years as on the Date of Bid Submission	64	Pg 1078 - 1079
	Same CV Submitted by two or more firms		No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 1318 - 1319
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				

3.5.1	Appendix V	General Qualification	25	21	Submitted	25	Pg 1080 - 1085	
		Graduate in Civil Engineering		4	Submitted			
		Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent						
		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway/ Bridge projects	15					
		< 10 years		0		36 yrs 05 months (CV srl No. 1 to 58)	Pg 1066 - 1317	
		10 years		11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
		Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).	15					
		< 5 years		0	09 yrs (CV srl No.27 to 42, 46 to 48, 53, 58)	15	Pg 1066 - 1317	
		5 years		11				
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4				
		Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20					
		< 2 Nos.		0				
		2 Nos.		15				
		Add 2.5 marks extra for each additional project subject to maximum 5 marks		5		25 Projects (CV srl No. 27 to 42, 46 to 53, 58)	20	Pg 1066 - 1317
		Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10					
		< 2 Nos.		0				
		2 Nos.		8		25 Projects (CV srl No. 14 to 58)	10	Pg 1066 - 1317
		Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2				
		Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5					
		1 Project		4				
		2 Project or more		5				
		Experience in similar capacity in field of Road Safety Management Plan	5					
		1 Project		4				
		2 Project or more		5		25 Projects (CV srl No. 14 to 58)	5	Pg 1066 - 1317
		Employment with Firm	5					
		<1 year		0		Currently not employed with firm	0	
		1 year		3				
3.5.3		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
		Total Bridge/ structural Engineer Out of 100	100				95.00	
		Total Bridge/ structural Engineer Out of 6	4				3.80	



3.6	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6	CV Enclosed (MSV International Inc.)		
		Name of Expert		Pradeep Goswami		
		Age with proof limit	65 years as on the Date of Bid Submission	51		
		Same CV Submitted by two or more firms		No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.6.1	Appendix V	General Qualification	25			
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university		21		
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		4		
3.6.2		Adequacy for the Project	70		Submitted	Pg 914 - 915
		Professional Experience in Highway Projects			NA	
		Total Professional Experience	15			
		< 20 years		0		
		20 Years		11		
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4		
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10			
		< 10 years		0		
		10 years		7		
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3		
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25			
		< 4 Projects		0		
		4 Projects		17		
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8		
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5			
		< 1 Projects		4		
		2 or more projects		5		
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15			
		< 2 Projects		0		
		2 Projects		11		
		Add 2 marks for each additional project subject to maximum 4 (four) marks		4		
					10 Projects (CV Srl No. 3, 5, 6, 8, 9, 11 to 15)	Pg 909 - 974
					19 yrs 01 months (CV Srl No. 3, 5, 6, 8, 9, 11 to 15)	Pg 909 - 974
					23 yrs 05 months (CV Srl No. 02 to 15)	Pg 909 - 974
					15	
					0	
					6 Project (CV Srl No. 7 to 12)	Pg 909 - 974
					15	

3.6.3

Employment with Firm		5	Currently not employed with firm		0
<1 year		0			
1 year		3			
Add 0.5 marks for each subsequent year subject to maximum 2 marks					
Total Senior Geotechnical Engineer Out of 100		100			86
Total Senior Geotechnical Engineer Out of 6		6			5.16



(Shri SP Kollipav, CE)
Project Hirak



(Shri AX Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 56.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) TOTAL DESIGN LENGTH = 56.063 KM UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJANA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
56.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hrak

JV FIRMS			JV FIRMS		Page no
			M/s Technical Consultancy Services in JV with M/s Thoughts Consultants Jaipur Pvt Ltd in Association with M/s Design Line Consultancy Services	Responsive/ Non Responsive	
S.No.	Reference Clause	PARTICULAR	Name of Bidder	Min. criteria for qualification	
STAGE-I PROOF OF ELIGIBILITY					
1	Credentail of the firm			In the form Appendix A	
2	4.1 B (iii) of Letter of invitation	Document fee:		Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Pg 47 - 307
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business		> 5.50 Crore	Pg 55 - 185
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/4/6". laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited		116.126	Pg 203 - 280
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCof2/4/6"- laning/ Bridge project of aggregate length equal to 3 times or more of similar category" for which RFP is invited		174.19	Pg 191 - 202
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority Engineer or at least one project of similar category of two/four/six" laning/ bridge work of length equal to 40% of project length		Minimum 01 project with 23.22 Km length	Pg 191 - 202
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application		On a stamp paper of Rs. 100 and duly notarized (Name of Authorized Signatory)	Pg 22 - 23
		(b) If applicable, the Power of Attorney for Lead Member of JV		in case of JV	
		(c) Copy of Memorandum of Understanding between JV partners, if applicable		in case of JV	Pg 7 - 8
		(d) Copy of Memorandum of Understanding with Associate, if applicable		in case of Associate firm	Pg 7 - 8



5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 1332 - 1336
6	1.12	Registration with DPIIT	Any bidder from a country which shares border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Internal Trade (DPIIT), Govt. of India. Certificate documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Technical Consultancy) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (Thoughts Consultancy)	Responsive	Pg 14, 40
			Responsive/ Not Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)	Responsive		
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 309
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 311 - 312
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 314 - 325
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 327 - 371
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 373
6	Section 4	Curriculum Vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 375 - 902
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 904
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 906 - 907
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 909 - 910
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 912 - 916
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.		Description	Maximum Points	Sub. Points	Points Scored	Page No.
1	Appendix EC Clause 1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.1		Less than 5.50 Cr (2% of TPC)		0		
1.1.2		5.50 Cr (2% of TPC)		1.5		
1.1.3		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10			
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10		
1.3		Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 2446-laning--of length (40% of project length) or more in last 7 years	10			
1.3.1		1 Project				
1.3.2		Add 1 (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks				
		01 Project (Technical Consultancy) + 03 Projects (M/s Thoughts Consultant)			10	Pg 191 - 202

1.4
1.4.1
1.4.2
1.5
1.5.1
1.5.2
1.5.3
1.6
1.6.1
1.6.2
2
2.1
2.1.1
2.1.2
2.2
2.2.1
2.2.2
2.3
2.3.1
2.3.2

Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 246-laning** of length (40% of project length) or more in last 7 years	5			01 Projects (Technical Consultancy) + 15 Projects (M/s Thoughts Consultant)	5	Pg 203 - 280
1 Project			4			
Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark			1			
In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10					
<2			0	08 Projects	10	Pg 282 - 292
2-5			5			
>5			10			
Experience in Construction Supervision/DPR/Design Review of Major structures having length o more than 500 meter in last 7 years	3					
1 Project			2	04 Projects	3	Pg 294 - 297
Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks			1			
2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20					
Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7					
Equipment	4					
(a) Equipment on MOU with Associate or on hiring basis			4	Owned (Technical Consultancy Services)	4	Pg 329
(b) Own Equipment			4			
Experience	3					
1-2 projects			1	19 Projects	3	Pg 341 - 371
3-5 projects			2			
> 5 projects			3			
Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4					
Equipment	2					
(a) Equipment on MOU with Associate or on hiring basis			2	Through hiring (Technical Consultancy Services)	2	Pg 331 - 333
(b) Own Equipment			2			
Experience	2					
1-3 projects			1	13 Projects	2	Pg 341 - 371
> 3 projects			2			
Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5					
Equipment	2					
(a) Equipment on MOU with Associate or on hiring basis			2	Owned (Technical Consultancy Services)	2	Pg 335
(b) Own Equipment			2			
Experience	3					
1-2 projects			1	06 Projects	3	Pg 341 - 371
3-5 projects			2			
> 5 projects			3			

2.4	Experience in Retro reflectometer technology		4				
2.4.1	Equipment		2				
	(a) Equipment on MOU with Associate or on hiring basis			2		Through hiring (Technical Consultancy Services)	Pg 337 - 340
	(b) Own Equipment			2			
2.4.2	Experience		2				
	1-3 projects			1			
	> 3 projects			2		06 Projects	Pg 341 - 371
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.9.1(g) of GCC							
3	Appendix EC Clause 3	Qualification and relevant experience of the proposed key personnel	40				
3.1	Appendix EC Clause 3.1	Team Leader cum Senior Highway Engineer	12			CV Enclosed (Technical Consultancy Services)	
		Name of Expert				Dilip Chandra Jha	Pg 377
		Age with proof limit		65 years as on the Date of Bid Submission		58	Pg 382 - 385
		Same CV Submitted by two or more firms				No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.							
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned Institution should be enclosed with the CV.							
3.1.1	Appendix V	General Qualification	25				
		Graduate in Civil Engineering		21		Submitted	Pg 386
		Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering		4			
3.1.2		Relevant Experience & Adequacy for the Project	70				
3.1.2(a)		Professional Experience in Highway Projects					
		Total Professional Experience in handling Highway projects	10				
		< 12 years		0		32 yrs 07 months (CV srl No. 1 to 16)	Pg 378 - 438
		12 years		8			
		Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks		2			
		Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (24/6laning**) and above)	15				
		< 5 years		0		26 yrs 06 Month (CV srl No. 1 to 4,6,7,9 to 12,14 to 16)	Pg 378 - 438
		5 years		11			
		Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks		4			
		Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (24/6 laning**) and above) on EPC	5				
		1 Project		4		08 Projects (CV srl No. 1, 2, 4, 6, 7, 9, 15, 16)	Pg 378 - 438
		add 1 mark extra for additional projects subject to maximum 1 (one) mark		1			

3.1.2(b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway project (of length 40% of project length or more of similar configuration (2/4/6laning** and above)	15	0	04 Projects (CV Srl No. 10, 11, 12, 14)	15	Pg 378 - 438
	<2 Projects		11			
	2 Projects		4			
	Add 2 marks for each additional project subject to maximum 4 marks					
3.1.2(c)	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6* laning) and above	20				
	<2 Projects		0	08 Projects (CV srl No. 1, 2, 4, 6, 7, 9, 15, 16)	20	Pg 378 - 438
	2 Projects		16			
	Add 2 marks extra for each additional project subject to maximum 4(four) marks		4			
3.1.2(d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning** and above)	5				
	1 Projects		4	2 Projects (CV Srl No. 3, 8)	5	Pg 378 - 438
	Add 1 mark extra for each additional project subject to maximum 1(one) mark		1			
3.1.3	Employment with Firm	5				
	<1 year		0	Currently not employed with firm	0	
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total Team Leader cum Senior Tunnel Expert Out of 100	100			91	
	Total Team Leader cum Senior Tunnel Expert Out of 12	12			10.92	
3.2	Resident cum Highway Engineer	6		CV Enclosed (Design Line Consultancy Services Pvt. Ltd.)		
	Name of Expert			Rajnish Kumar Verma		Pg 442
	Age with proof limit	65 years as on the Date of Bid Submission		62		Pg 446 - 447
	Same CV Submitted by two or more firms			No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted		Pg 480 - 481
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.2.1	Appendix V (General Qualification)	25				
	Graduate in Civil Engineering		21	Submitted	21	Pg 448 - 450
	Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4	NA		

3.2.2	Adequacy for the Project		70				
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway projects		20				
	< 12 years			0			
	12 years			8			Pg 443 - 479
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks			12			
	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works Authority Engineer/Independent Engineer Projects (similar configuration (24/6laning) and above)		20				
	< 5 years			0			
	5 years			15			Pg 443 - 479
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			5			
3.2.3	Experience in similar capacity in handling major 24/6- laning** projects (of length 40% of project length or more of similar configuration (24/6 laning**) and above)		25				
	< 2 Nos.			0			
	2 Nos.			19			Pg 443 - 479
	Add three marks extra for each additional project subject to maximum 6 (Six) marks			6			
	Experience in similar capacity of Highway Project of Construction/Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(24/6laning**)and above)		5				
	1 No.			4			
	Add 1(one) mark extra for each additional project subject to maximum 1(one) mark			1			Pg 443 - 479
	Employment with Firm		5				
	< 1 year			0			
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Resident cum Highway Engineer Out of 100		100				
	Total Resident cum Highway Engineer Out of 6		6				
3.3	Appendix EC Clause 3.3	Bridge/ Structural Engineer	6			CV Enclosed (Technical Consultancy Services)	
		Name of Expert				Anil Kumar	Pg 483
		Age with proof limit		65 years as on the Date of Bid Submission		62	Pg 489
		Same CV Submitted by two or more firms				No	
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted	Pg 540 - 541
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						

3.3.1	Appendix V (General Qualification)	25	21	21	Submitted	21	Pg 490 - 492
	Graduate in Civil Engineering				NA		
3.3.2	Post-Graduation in Structural Engineering	70	4				
	Adequacy for the Project						
	Professional Experience in Highway Projects	15					
	Total Professional Experience in handling Highway/ Bridge projects						
	< 10 years		0		32 yr 03 months (CV srl No. 1 to 16)	15	Pg 484 - 539
	10 years		11				
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (24/6laning**) and above)	20					
	< 5 years		0		25 yr 08 months (CV srl No. 3, 4, 6, 8 to 14)	20	Pg 484 - 539
	5 years		15				
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5				
	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures	20					
	< 2 Bridge		0		27 Nos.	20	Pg 484 - 539
	2 Bridge		15		(CV srl No. 2, 3, 4, 5,8,9 to 14)		
	Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5				
	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures	10					
	< 2 Nos.		0		15 Bridge (CV srl No. 2, 4, 5,8,9,10,11,13)	10	Pg 484 - 539
	2 Nos.		8				
	>= 3 Nos.		10				
	Experience in similar capacity of modern bridge construction technology viz.,Precast Segmental, Balanced Cantilever Construction, Extra doped Bridge,Full Span Launching,Incremental Launching	5					
3.3.3	1 Nos.		4		7 Bridge (CV srl No. 4,5,6,9,11 to 13)	5	Pg 484 - 539
	> 1 Nos.		5				
	Employment with Firm	5					
	<1 year		0		Currently not employed with firm	0	
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
	Total Bridge/ structural Engineer Out of 100	100				91	
	Total Bridge/ structural Engineer Out of 6	6				5.46	
3.4	Appendix EC Clause 3.4	6			CV Enclosed (Design Line Consultancy Services Pvt. Ltd.)		
	Senior Quality cum Material Expert				Anirudh Kumar		Pg 715
	Name of Expert				36		Pg 718
	Age with proof limit			65 years as on the Date of Bid Submission	No		
	Same CV Submitted by two or more firms						

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 739 - 740
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.4.1	Appendix V (General Qualification)	25	21	21	Submitted	Pg 719
	Graduate in Civil Engineering		4		NA	
3.4.2	Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/ Rock Mechanics	70				
	Adequacy for the Project					
	Professional Experience in Highway Projects	15				
	Total Professional Experience in handling Highway/Bridge projects					
	< 10 years		0		15 yr 02 month (CV srl No. 1 to 8)	Pg 716 - 738
	10 years		11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning*) and above))	25				
	< 5 years		0		15 yr 02 month (CV srl No. 1 to 8)	Pg 716 - 738
	5 years		19			
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6(Six) marks.		6			
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning*) and above)	30				
	< 2 Nos.		0		07 Projects (CV srl No. 1 to 8 except 7)	Pg 716 - 738
	2 Nos.		25			
	Add 2.5 marks extra for each additional project subject to maximum 5(five) marks		5			
3.4.3	Employment with Firm	5				
	<1 year		0		Currently not employed with firm	
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total SOME Out of 100	100				
	Total SOME Out of 6	6				
3.5	Appendix EC Clause 3.5	4			CV Enclosed (Technical Consultancy Services)	
	Road Safety Expert				Mohit Verma	Pg 742
	Name of Expert				46	Pg 755
	Age with proof limit		65 years as on the Date of Bid Submission		No	
	Same CV Submitted by two or more firms				Submitted	Pg 901 - 902
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						

3.5.1	Appendix V (General Qualification)	25	21	Submitted	25	Pg 756 - 759
	Graduate in Civil Engineering		4	Submitted		
3.5.2	Post-Graduation in Traffic Transportation/ Safety Engineering or equivalent	70				
	Adequacy for the Project					
	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway/ Bridge projects	15				
	< 10 years		0			Pg 743 - 900
	10 years		11			
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).	15				
	< 5 years		0			
	5 years		11			Pg 743 - 900
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4			
	Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20				
	< 2 Nos.		0			
	2 Nos.		15			Pg 743 - 900
	Add 2.5 marks extra for each additional project subject to maximum 5 marks		5			
	Experience in similar capacity in Identification and Improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10				
	< 2 Nos.		0			Pg 743 - 900
	2 Nos.		8			
	Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2			
	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5				
	1 Project		4			Pg 743 - 900
	2 Project or more		5			
	Experience in similar capacity in field of Road Safety Management Plan	5				
	1 Project		4			Pg 743 - 900
	2 Project or more		5			
3.3.3	Employment with Firm	5				
	<1 year		0			
	1 year		3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
	Total Bridge/ structural Engineer Out of 100	100				100.00
	Total Bridge/ structural Engineer Out of 6	4				4.00

3.5	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6				CV Enclosed (Technical Consultancy Services)	
		Name of Expert					RC Aggarwal	Pg 543
		Age with proof limit		55 years as on the Date of Bid Submission			64 yr 07 months	Pg 553
		Same CV Submitted by two or more firms					No	
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debared for a period of two years for all projects of MORT&H.					Submitted	Pg 712 - 713
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.5.1	Appendix V	General Qualification	25					
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university		21			Submitted	Pg 554
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		4			NA	
3.5.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience	15					
		< 20 years		0				
		20 Years		11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10					
		< 10 years		0				
		10 years		7				
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3				
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25					
		< 4 Projects		0				
		4 Projects		17				
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8				
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5					
		< 1 Projects		4				
		2 or more projects		5				
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15					
		< 2 Projects		0				
		2 Projects		11				
		Add 2 marks for each additional project subject to maximum 4 (four) marks		4				
							01 Project (CV Sri No. 66)	Pg 544 - 711

3.6.3	Employment with Firm	5							
	<1 year			0					
	1 year			3					
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2					
	Total Senior Geotechnical Engineer Out of 100			100					
	Total Senior Geotechnical Engineer Out of 6			6					
								41	
								2.46	



(Shri SP Koliyev, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Finance)
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 58.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJANA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
B. Period of Completion : 84 months
C. Last date of submission of Bid (Online) 03.02.2024
D. Validity period of Bid 120 days
E. Indicative Length 58.063 km
F. Nos of Bid received 11 Nos
G. Date of opening Technical Bid (Online):- 15.02.2024
H. Place of opening Technical Bid HQ CE (P) Hirak

JV FIRMS		Sri No.		M/s Almondz Global Infra - Consultant Limited in Association with M/s LSI Engineering & Consultants		Page no	
		Name of Bidder					
S.No.	Reference Clause	PARTICULAR	Min. criteria for qualification	Documents	Responsive/ Non Responsive		
STAGE- I PROOF OF ELIGIBILITY							
1		Credentail of the firm	In the form Appendix A	Submitted	Responsive	Pg 27 - 665	
2	4.1 B (iii) of Letter of invitation	Document fee:	Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No. 0202240039733 Dated : 02 Feb 2024 05:39 PM	Responsive	Pg 6 - 7	
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	31.79 Cr (M/s Almondz)	Responsive	Pg 40 - 282	
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report(PMC of 2/4/6** -laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	986.775 Km (M/s Almondz)	Responsive	Pg 337 - 511	
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMCof2/4/6** -laning/ Bridge project of aggregate length equal to 3 times or more of similar category** for which RFP is invited	174.19	258.32 Km (M/s Almondz)	Responsive	Pg 283 - 336	
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similarcategory of two/four/six** laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	05 Projects (M/s Almondz)	Responsive	Pg 283 - 336	
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)	In the name of Mr. Sudhakar Singh, Whole Time Director, M/s Almondz Global Infra-Consultant Limited after paying stamp duty of Rs. 100	Responsive	Pg 9 - 11	
		(b) If applicable, the Power of Attorney for Lead Member of JV	In case of JV	NA			
		(c) Copy of Memorandum of Understanding between JV partners, if applicable	In case of JV	NA			
		(d) Copy of Memorandum of Understanding with Associate, if applicable	In case of Associate firm	Submitted	Responsive	Pg 13 - 15	

5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030/09/2008-vig dated 28th January, 2013	Submitted	Responsive	Pg 982 - 988
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India. Certificate/documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (M/s Almondz) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (M/s LSI Engineering & Consultants)	Responsive	Pg 21 - 26, 32 - 37
		Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)			Responsive	
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 04
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 663 - 665
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 667 - 678
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 680 - 806
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 808 - 811
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 813 - 972
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 974
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 976 - 977
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 979
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 982 - 988
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Appendix EC Clause 1	Description	Maximum Points	Sub-Points	Points Scored	Page No.
1	1.1	1. Evaluation Criteria for Assessment of Experience of the Firm	40			
1.1		Average Annual Turnover (last 3 years) from consultancy business	2			
1.1.1		Less than 5.50 Cr (2% of TPC)		0		
1.1.2		5.50 Cr (2% of TPC)		1.5		
1.1.3		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		0.5		
1.2		Nos. of Highway Professionals with the firm	10			
1.2.1		<10		0		
1.2.2		10-20		8		
1.2.3		>20 but <=30		9		
1.2.4		>30		10		
		31.79 Cr (M/s Almondz)			2	Pg 40 - 282
		38 Nos. (M/s Almondz)			10	Pg 661

2.3.2	Experience	3	1	09 Projects (M/s Almondz) + 02 Projects (M/s LSI)	3	Pg 720 - 780, Pg 803 - 806
	1-2 projects		2			
	3-5 projects		3			
2.4	Experience in Retro reflectometer technology	4				
2.4.1	Equipment	2	2	Owned (M/s Almondz)	2	Pg 783 - 790
	(a) Equipment on MOU with Associate or on hiring basis		2			
	(b) Own Equipment	2				
2.4.2	Experience	2	1	02 Projects (M/s Almondz) + 02 Projects (M/s LSI)	2	Pg 782 - 796, Pg 803 - 806
	1-3 projects		2			
	> 3 projects					
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBIU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.9-1(g) of GCC						
3	Appendix EC Clause 3	40		CV Enclosed (M/s Almondz)		
3.1	Appendix EC Clause 3.1	12				Pg 813 Pg 823
	Team Leader cum Senior Highway Engineer			Ravi Bhushan Kumar		
	Name of Expert			82		
	Age with proof limit	65 years as on the Date of Did Submission		No		
	Same CV Submitted by two or more firms			Submitted		Pg 837 - 838
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.						
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.1.1	Appendix V (General Qualification)	25	21	Submitted	25	Pg 821 - 822
	Graduate in Civil Engineering		4	Submitted		
	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/ Structural Engineering or equivalent specialised stream of civil engineering					
3.1.2	Relevant Experience & Adequacy for the Project	70				
3.1.2(a)	Professional Experience in Highway Projects					
	Total Professional Experience in handling Highway projects	10	0	28 yrs 02 months (CV srl No. 1 to 16)	10	Pg 814 - 838
	< 12 years		8			
	12 years		2			
	Add 1mark extra for each additional year of experience subject to maximum 2(two) marks					
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration [2/4/6/laning**]and above)	15				
	< 5 years		0			
	5 years		11	24 yrs (CV srl No. 3 to 16)	15	Pg 814 - 838
	Add 1 marks extra for each additional year of experience subject to maximum 4(four) marks		4			

	Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC	5					
3.1.2(b)	1 Project add 1 mark extra for additional projects subject to maximum 1 (one) mark Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6laning**) and above) 2 Projects Add 2 marks for each additional project subject to maximum 4 marks. Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above 2 Projects Add 2 marks extra for each additional project subject to maximum 4(four) marks Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Projects Add 1 mark extra for each additional project subject to maximum 1(one) mark Employment with Firm <1 year 1 year Add 0.5 marks for each subsequent year subject to maximum 2 marks Total Team Leader cum Senior Highway Engineer Out of 100 Total Team Leader cum Senior Highway Engineer Out of 12	15	4 1	13 Projects (CV srl No. 3 to 16 except 15)	5	Pg 814 - 838	
3.1.2(c)		20	0 11 4	04 Projects (CV Srl No. 4, 5, 7, 8)	15	Pg 814 - 838	
3.1.2(d)		5	0 16 4	07 Projects (CV Srl No. 3, 9 to 11, 13, 14, 16)	20	Pg 814 - 838	
3.1.3		5	4 1	03 Projects (CV Srl No. 2, 6, 12)	5	Pg 814 - 838	
		100	0 3 2	Currently not employed with firm	0		
		12			95		
					11.40		
3.2	Appendix EC Clause 3.2	6		CV Enclosed (M/s Almondz)			
	Name of Expert			A Vijaya Raju		Pg 839	
	Age with proof limit	65 years as on the Date of Bid Submission		45		Pg 854	
	Same CV Submitted by two or more firms			No			
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted		Pg 868 - 869	
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.2.1	Appendix V (General Qualification)	25					
	Graduate in Civil Engineering		21	Submitted	21	Pg 843 - 853	
	Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4	NA			

3.2.2	Adequacy for the Project		70					
	Professional Experience in Highway Projects		20					
	Total Professional Experience in handling Highway projects							
	< 12 years			0			21 yrs 03 months (CV srl No. 1 to 10)	Pg 840 - 867
	12 years			8				
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks			12				
	Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (24/6laning) and above)		20					
	< 5 years			0			19 yrs (CV srl No. 03 to 10)	Pg 840 - 867
	5 years			15				
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			5				
	Experience in similar capacity in handling major 24/6- laning** projects (of length 40% of project length or more of similar configuration (24/6 laning**) and above)		25					
	< 2 Nos.			0			07 Projects (CV srl No. 3 to 10 except 07)	Pg 840 - 867
	2 Nos.			19				
	Add three marks extra for each additional project subject to maximum 6 (Six)marks			6				
	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode (of length 40% of project length or more of similar configuration(24/6laning**)and above)		5					
	1 No.			4			07 Projects (CV srl No. 3 to 10 except 07)	Pg 840 - 867
	Add (one) mark extra for each additional project subject to maximum (one) mark			1				
3.2.3	Employment with Firm		5					
	<1 year			0			Currently not employed with firm	
	1 year			3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2				
	Total Resident cum Highway Engineer Out of 100		100					
	Total Resident cum Highway Engineer Out of 6		6					
3.3	Bridge/ Structural Engineer		6				CV Enclosed (M/s Almondz)	
	Name of Expert						Satya Sundara Vara Prasad G	Pg 870
	Age with proof limit			65 years as on the Date of Bid Submission			39	Pg 875
	Same CV Submitted by two or more firms						No	
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MCR1&H.						Submitted	Pg 880 - 881
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							

3.3.1	Appendix V (General Qualification)	Graduate in Civil Engineering	25	21	21	Submitted	21	Pg 873 - 874
		Post-Graduation in Structural Engineering		4		NA		
3.3.2		Adequacy for the Project	70					
		Professional Experience in Highway Projects						
		Total Professional Experience in handling Highway/ Bridge projects	15					
		< 10 years		0		14 yr 09 months (CV srl No. 1 to 6)	15	Pg 871 - 889
		10 years		11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4				
		Experience in similar capacity in Design/Construction/Supervision of Bridges/ROB/Flyover/interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20					
		< 5 years		0				
		5 years		15				
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5				
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ interchanges/ any other structures	20					
		< 2 Bridge		0				
		2 Bridge		15				
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5				
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ interchanges/ any other structures	10					
		< 2 Nos.		0				
		2 Nos.		8				
		>= 3 Nos.		10				
		Experience in similar capacity of modern bridge construction technology viz. Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5					
		1 Nos.		4				
		> 1 Nos.		5				
3.3.3		Employment with Firm						
		< 1 year		0				
		1 year		3				
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
		Total Bridge/ structural Engineer Out of 100	100				91	
		Total Bridge/ structural Engineer Out of 6	6				5.46	
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	5			CV Enclosed (M/s Almondz)		
		Name of Expert				Vinay Choudhary		Pg 892
		Age with proof limit	65 years as on the Date of Bid Submission			51		Pg 899
		Same CV Submitted by two or more firms				No		

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2

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 910 - 911
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.4.1	Appendix V	(General Qualification Graduate in Civil Engineering	25	21	21	Pg 897 - 898
		Post Graduation in Geotechnical Engineering/Foundation Engineering/Soil Mechanics/ Rock Mechanics		4	NA	
3.4.2		Adequacy for the Project	70			
		Professional Experience in Highway Projects				
		Total Professional Experience in handling Highway/Bridge projects	15			Pg 893 - 909
		< 10 years		0		
		10 years		11		
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4		
		Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above))	25			
		< 5 years		0		Pg 893 - 909
		5 years		19		
		Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6(Six) marks.		6		
		Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30			
		< 2 Nos.		0		Pg 893 - 909
		2 Nos.		25		
		Add 2.5 marks extra for each additional project subject to maximum 5(five) marks		5		
3.4.3		Employment with Firm	5			
		<1 year		0		
		1 year		3		
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2		
		Total SQME Out of 100	100			
		Total SQME Out of 6	6			
3.5	Appendix EC Clause 3.5	Road Safety Expert	4			
		Name of Expert			Rongali Uma Devi	Pg 946
		Age with proof limit	65 years as on the Date of Bid Submission		43	Pg 958
		Same CV Submitted by two or more firms			No	
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 971 - 972

If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.5.1	Appendix V	(General Qualification)	25	21	25	Submitted	25	Pg 955 - 956	
		Graduate in Civil Engineering		4		Submitted			
3.5.2		Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	70						
		Adequacy for the Project							
		Professional Experience in Highway Projects							
		Total Professional Experience in handling Highway/ Bridge projects	15						
		< 10 years		0		10 yrs 03 months	11	Pg 947 - 970	
		10 years		11		(CV srl No. 2, 3, 8, 15, 28, 36, 37)			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4					
		Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above).	15						
		< 5 years		0		10 yrs 03 months	15	Pg 947 - 970	
		5 years		11		(CV srl No. 2, 3, 8, 15, 28, 36, 37)			
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		4					
		Experience in similar capacity in Road Safety Audits of 2/4/6- laning **Highway projects at different stages including at least one at design stage	20						
		< 2 Nos.		0		15 Projects	20	Pg 947 - 970	
		2 Nos.		15		(CV srl No. 15 to 21, 23, 26 to 28, 32, 34, 36, 37)			
		Add 2.5 marks extra for each additional project subject to maximum 5 marks		5					
		Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10						
		< 2 Nos.		0		28 Projects	10	Pg 947 - 970	
		2 Nos.		8		(CV srl No. 1 to 3, 8, 12, 13, 15 to 32, 34 to 37)			
		Add 2marks extra for each additional improvement of black spots subject to maximum 2 marks		2					
		Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5						
		1 Project		4		22 Projects	5	Pg 947 - 970	
		2 Project or more		5		(CV srl No. 10, 15 to 23, 25 to 32, 34 to 37)			
		Experience in similar capacity in field of Road Safety Management Plan	5						
		1 Project		4		25 Projects	5	Pg 947 - 970	
		2 Project or more		5		(CV srl No. 3, 8, 12, 13, 15 to 21, 23 to 32, 34 to 37)			
3.3.3		Employment with Firm	5						
		<1 year		0		Currently employed with firm since Nov 2016	5		
		1 year		3					
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2					
		Total Bridge/ structural Engineer Out of 100	100				96.00		
		Total Bridge/ structural Engineer Out of 6	4				3.84		

3.5	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6			CV Enclosed (Almondz)	Pg 912
		Name of Expert	65 years as on the Date of Bid Submission			Jiten Rambhai Anandani	Pg 929 - 931
		Age with proof limit				48 yrs	
		Same CV Submitted by two or more firms				No	
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Pg 944 - 945
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.6.1	Appendix V (General Qualification)	Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university	25	21			
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		4		Submitted	Pg 918 - 928
		Adequacy for the Project	70			Submitted	
		Professional Experience in Highway Projects					
		Total Professional Experience	15				
		< 20 years		0			
		20 Years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10			21 yrs (CV Srl No. 01 to 18)	Pg 913 - 943
		< 10 years		0			
		10 years		7			
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.		3		19 yrs 03 months (CV Srl No. 01 to 18 except 14, 16 and 17)	Pg 913 - 943
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25				
		< 4 Projects		0			
		4 Projects		17			
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		8		10 Projects (CV Srl No. 06 to 18 except 14, 16 and 17)	Pg 913 - 943
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5				
		< 1 Projects		4			
		2 or more projects		5		10 Projects (CV Srl No. 06 to 18 except 14, 16 and 17)	Pg 913 - 943
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15				
		< 2 Projects					
		2 Projects		0			
		Add 2 marks for each additional project subject to maximum 4 (four) marks		11		05 Project (CV Srl No. 01 to 05)	Pg 913 - 943
				4			

3.6	Appendix EC Clause 3.6	Senior Geotechnical Engineer	6	CV Enclosed (Almondz)		Pg 912
		Name of Expert	65 years as on the Date of Bid Submission	Jiten Rambhai Anandani		Pg 929 - 931
		Age with proof limit		48 yrs		
		Same CV Submitted by two or more firms		No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.		Submitted		Pg 944 - 945
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.				
3.6.1	Appendix V (General Qualification)	Graduate in Civil Engineering/ Masters in Engineering/ Geology or equivalent from a recognized university	25			
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering		Submitted	25	Pg 918 - 928
3.6.2		Adequacy for the Project	70	Submitted		
		Professional Experience in Highway Projects				
		Total Professional Experience	15			
		< 20 years				
		20 Years			12	Pg 913 - 943
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		21 yrs (CV Srl No. 01 to 18)		
		Experience in construction/ construction supervision of major tunnel projects (Road/ Rail/ Metro)	10			
		< 10 years				
		10 years		19 yrs 03 months (CV Srl No. 01 to 18 except 14, 16 and 17)	10	Pg 913 - 943
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.				
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of atleast 04 tunnel projects (road/ rail/ metro)	25			
		< 4 Projects				
		4 Projects		10 Projects	25	Pg 913 - 943
		Add 2 marks for each additional project subject to maximum 8 (eight) marks		(CV Srl No. 06 to 18 except 14, 16 and 17)		
		Experience as Geotechnical Engineer or similar capacity in construction/ construction supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth	5			
		< 1 Projects				
		2 or more projects		10 Projects	5	Pg 913 - 943
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length	15	(CV Srl No. 06 to 18 except 14, 16 and 17)		
		< 2 Projects				
		2 Projects		05 Project	15	Pg 913 - 943
		Add 2 marks for each additional project subject to maximum 4 (four) marks		(CV Srl No. 01 to 05)		

3.6.3	Employment with Firm	5	Not employed with firm	0
	<1 year	0		
	1 year	3		
	Add 0.5 marks for each subsequent year subject to maximum 2 marks	2		
	Total Senior Geotechnical Engineer Out of 100	100		92
	Total Senior Geotechnical Engineer Out of 6	6		5.52



(Shri SP Koliya, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



Representative of Finance
HQ CE (P) Hirak

Evaluation of Proof of Eligibility

Name of work :- CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF IMPROVEMENT/ CONSTRUCTION OF 2-LANE WITH HARD SHOULDER OF ASKOTE - LIPULEKH ROAD FROM TAWAGHAT VILLAGE TO BUDHI VILLAGE (DESIGN KM. 56.935 TO KM 95.748) AND FROM END OF TUNNEL PORTAL TO KALI MANDIR (DESIGN KM 113.828 TO KM. 133.078) [TOTAL DESIGN LENGTH = 58.063 KM] UNDER PROJECT HIRAK OF BRO IN THE STATE OF UTTARAKHAND UNDER BHARATMALA PARIYOJNA ON EPC MODE

- A. Cost of Work
Rs. 8.24 Cr.
- B. Period of Completion :
84 months
- C. Last date of submission of Bid (Online)
03.02.2024
- D. Validity period of Bid
120 days
- E. Indicative Length
58.063 km
- F. Nos of Bid received
11 Nos
- G. Date of opening Technical Bid (Online):-
15.02.2024
- H. Place of opening Technical Bid
HQ CE (P) Hirak

Sri No.		JV FIRMS		Page no	
S.No.		Name of Bidder	M/s MSPARK Futuristics & Associates in JV with M/s Data Technosys (Engineers) Pvt Ltd in association with M/s Sugam Technocrats Pvt Ltd	Responsive/ Non Responsive	
Reference Clause		PARTICULAR	Min. criteria for qualification	Documents	
STAGE-I PROOF OF ELIGIBILITY					
1	Credentail of the firm	In the form Appendix A	Submitted	Responsive	Pg 137 - 544
2	4.1 B (iii) of Letter of invitation	Document fee: Rs. 5,900 (Rupees Five Thousand only) in the form payable through Bharatkosh Portal only in favour of Regional Pay and Accounts Officer, New Delhi under PAO 034415-PAO(NH), New Delhi and DDO - 234442- Section Officer (W&A)	Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted . Transaction Ref.No. 2401240024597 Dated : 24 Jan 2024 02:36 PM	Responsive	Pg 35
3	Para 15 of Section 01 of RFP	Average Annual Turnover (last 3 years) from consultancy business	> 5.50 Crore	Responsive	Pg 137 - 185, Pg 477 - 522
	Para 15 of Section 01 of RFP	The firm should have minimum experience of preparation of detailed Project Report/Feasibility Study cum Preliminary Design Report/PMC of 2/46"-laning/Bridge project of aggregate length equal to 2 times or more of similar category for which RFP is invited	116.126	Responsive	Pg 262 - 288, Pg 539 - 544
	Para 15 of Section 01 of RFP	The firm should have minimum experience of Project Supervision /Independent Engineer/ Authority's Engineer/ PMC of 2/46"-laning/ Bridge project of aggregate length equal to 3 times or more of similar category* for which RFP is invited	174.19	Responsive	Pg 187 - 229, Pg 524 - 537
	Para 15 of Section 01 of RFP	Firm should also have experience of Project Supervision/ Independent Engineer/ Authority Engineer of at least one project of similar category of two/four/six"-laning/ bridge work of length equal to 40% of project length	Minimum 01 project with 23.22 Km length	Responsive	Pg 187 - 229, Pg 524 - 537
4	Clause 4.1 (B) (i) of letter of invitation	(a) Power of Attorney for signing the Application (b) If applicable, the Power of Attorney for Lead Member of JV (c) Copy of Memorandum of Understanding between JV partners, if applicable (d) Copy of Memorandum of Understanding with Associate, if applicable	On a stamp paper of Rs. 100 and duly notarized (Name of Authorized Signatory) in case of JV in case of JV in case of Associate firm	Responsive Responsive Responsive Responsive	Pg 8 - 9 Pg 17 - 18 Pg 23 - 25 Pg 26 - 27

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5	4.1 B (IV) of Letter of Invitation	Integrity pact	Bidders have to comply with the OM No. 13030709/2008-v/g dated 28th January, 2013	Submitted	Responsive	Pg 1050 - 1054
6	1.12	Registration with DPIIT	Any bidder from a country which shares land border with India will be eligible to bid only if the bidder is registered with the Competent Authority in Department of Promotion of Industry and Inland Trade (DPIIT), Govt. of India Certificate/documents in this regard shall be submitted by bidder along with the bid document.	Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (M/s MSPARK) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (M/s Data Technosys) & Bidder registered in India. Certificate of incorporation enclosed. Registration from DPIIT not required. (M/s Sugam)	Responsive	Pg 66, 87, 113-115
Responsive						
STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)						
1	Section 4	Technical proposal submission form	In form Appendix B1	Submitted	Responsive	Pg 546
2	Section 4	Site Appreciation	In form Appendix B2	Submitted	Responsive	Pg 548 - 550
3	Section 4	Approach paper on methodology for performing the assignment	In form Appendix B3	Submitted	Responsive	Pg 552 - 562
4	Section 4	Facility for field investigation and testing	In form Appendix B4	Submitted	Responsive	Pg 564 - 714
5	Section 4	Composition of the Team and Task(s) of each Team member	In form Appendix B5	Submitted	Responsive	Pg 716 - 721
6	Section 4	Curriculum vitae of proposed Professional staff	In form Appendix B6	Submitted	Responsive	Pg 723 - 1040
7	Section 4	Time schedule for deployment of Professional staff	In form Appendix B7	Submitted	Responsive	Pg 1042 - 1044
8	Section 4	Activity (works) schedule	In form Appendix B8	Submitted	Responsive	Pg 1046
9	Section 4	Affidavit - Correctness of Experience claimed by the Firms	In form Appendix B9	Submitted	Responsive	Pg 1048
10	Section 4	Integrity Pact	In form Appendix B10	Submitted	Responsive	Pg 1050 - 1054
STAGE II- TECHNICAL EVALUATION (Marking)						
S. No.	Description		Maximum Points	Sub-Points	Points Scored	Page No.
1	1. Evaluation Criteria for Assessment of Experience of the Firm		40			
1.1	Average Annual Turnover (last 3 years) from consultancy business		2			
1.1.1	Less than 5.50 Cr (2% of TPC)			0		
1.1.2	5.50 Cr (2% of TPC)			1.5		
1.1.3	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			0.5		
1.2	Nos. of Highway Professionals with the firm		10			
1.2.1	<10			0		
1.2.2	10-20			8		
1.2.3	>20 but <=30			9		
1.2.4	>30			10		
13.12 Cr (M/s MSPARK) + 11.87 Cr (M/s Data Technosys)					2	Pg 137 - 185, Pg 477 - 522
34 Nos. (M/s MSPARK)					10	Pg 335 - 474

[Signature]

1.3	Experience as Independent Engineer/Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning~of length (40% of project length) or more in last 7 years	10			10	Pg 187 - 229, Pg 524 - 537
1.3.1	1 Project			8		
1.3.2	Add 1 (one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks			2		
1.4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning~of length (40% of project length) or more in last 7 years	5				
1.4.1	1 Project			4		
1.4.2	Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark			1		
1.5	In hand DPRs of Highway/ Bridge/ Tunnel Projects (presently underprogress)	10				
1.5.1	<2			0		
1.5.2	2-5			5		
1.5.3	>5			10		
1.6	Experience in Construction Supervision/DPR/Design Review of Major structures having length o more than 500 meter in last 7 years	3				
1.6.1	1 Project			2		
1.6.2	Add 0.5 (Zero point five)marks extra for each additional project subject to maximum 1.0 marks			1		
2	2. Evaluation Criteria for assessment of experience in use of technology for road inspection	20				
2.1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7				
2.1.1	Equipment	4				
	(a) Equipment on MOU with Associate or on hiring basis			4		
	(b) Own Equipment			4		Pg 577 - 580
2.1.2	Experience	3				
	1-2 projects			1		
	3-5 projects			2		
	> 5 projects			3		Pg 582 - 627
2.2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4				
2.2.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis			2		
	(b) Own Equipment			2		Pg 630
2.2.2	Experience	2				
	1-3 projects			1		
	> 3 projects			2		
2.3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5				
2.3.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis			2		
	(b) Own Equipment			2		Pg 661 - 669
	MoU with Associate (M/s Sugam)					

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2.3.2	Experience	3	10 Projects	3	Pg 671 - 687
	1-2 projects	1			
	3-5 projects	2			
	> 5 projects	3			
2.4	Experience in Retro reflectometer technology	4			
2.4.1	Equipment	2			
	(a) Equipment on MOU with Associate or on hiring basis	2			
	(b) Own Equipment	2			
2.4.2	Experience	2	Owned (M/s MSPARK)	2	Pg 690
	1-3 projects	1			
	> 3 projects	2	07 Projects	2	Pg 692 - 714
(i) The Consultants owning the equipment shall be required to submit proof of ownership (ii) The experience of the associate firms in use of technology shall also be counted in the evaluation. The experience of firm or associate firm in NSV or equivalent technology, FWD or equivalent technology, MBU or equivalent technology and Retro reflectometer or equivalent technology shall be supported by experience certificate. The experience of a firm/ associate firm for a private EPC Contractor / contractor (client) shall be considered on self-certification along with the client certificate. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of invitation) read with Clause 2.9.1(g) of GOC					
3	Appendix EC Clause 3	40			
3.1	Team Leader cum Senior Highway Engineer	12	CV Enclosed (M/s MSPARK)		
	Name of Expert		Anil Kumar Sharma		Pg 724
	Age with proof limit	65 years as on the Date of Bid Submission	62		Pg 730
	Same CV Submitted by two or more firms		No		
An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					
If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.					
3.1.1	Appendix V (General Qualification)	25			
	Graduate in Civil Engineering	21	Submitted		Pg 731
	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	NA		
3.1.2	Relevant Experience & Adequacy for the Project	70			
3.1.2(a)	Professional Experience in Highway Projects				
	Total Professional Experience in handling Highway projects	10			
	< 12 years	0			
	12 years	8			
	Add 1 mark extra for each additional year of experience subject to maximum 2(two) marks	2	32 yrs 07 months (CV sri No. 01 to 17)	10	Pg 725 - 780
	Experience as Team Leader or similar capacity in Highway Development Projects (similar configuration (2/4/6laning**and above)	15			
	< 5 years	0			
	5 years	11	24 yrs 07 months (CV sri No. 02, 05 to 17)	15	Pg 725 - 780
	Add 1 mark extra for each additional year of experience subject to maximum 4(four) marks	4			

	Experience as Team Leader of similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC	5					
3.1.2(b)	1 Project add 1 mark extra for additional projects subject to maximum 1 (one) mark		4			13 Projects (CV srl No. 02, 05 to 12, 14 to 17)	5 Pg 725 - 780
	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	15	1				
	<2 Projects		0			04 Projects (CV Srl No. 10, 11, 14, 15)	15 Pg 725 - 780
3.1.2(c)	2 Projects Add 2 marks for each additional project subject to maximum 4 marks.		11				
	Experience in position of Team Leader/ Project Manager or similar capacity in Construction Supervision/FC involving length 40% of project length or more of similar configuration (2/4/6 laning) and above	20	4				
	<2 Projects		0			08 Projects (CV Srl No. 02, 05 to 08, 12, 13, 16)	20 Pg 725 - 780
3.1.2(d)	2 Projects Add 2 marks extra for each additional project subject to maximum 4 (four) marks		16				
	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	5	4				
	1 Projects		4			02 Projects (CV Srl No. 9 and 17)	5 Pg 725 - 780
3.1.3	Add 1 mark extra for each additional project subject to maximum 1 (one) mark		1				
	Employment with Firm	5				Currently not employed with firm	0
	<1 year		0				
	1 year		3				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2				
	Total Team Leader cum Senior Highway Engineer Out of 100	100					91
	Total Team Leader cum Senior Highway Engineer Out of 12	12					10.92
3.2	Appendix EC Clause 3.2	6				CV Enclosed (M/s MSPARK)	
	Name of Expert					Anil Kumar	Pg 784
	Age with proof limit					60	Pg 789 - 790
	Same CV Submitted by two or more firms					No	
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted	Pg 824 - 825
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.						
3.2.1	Appendix V	25				Submitted	21 Pg 791
	General Qualification					NA	
	Graduate in Civil Engineering		21				
	Post Graduation in Transportation/ Highway Engineering/ Structural Engineering/ Geotechnical Engineering		4				

3.2.2	Adequacy for the Project		70	70			
	Professional Experience in Highway Projects						
	Total Professional Experience in handling Highway projects		20	20			
	< 12 years			0			Pg 785 - 823
	12 years			8			
	Add 1 mark extra for each additional year of experience subject to maximum 12 (twelve) marks			12			
	Experience as Resident Engineer/Project Director/ Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Authority Engineer/Independent Engineer Projects (similar configuration (2/4/6laning*) and above)		20				
	< 5 years			0			
	5 years			15			Pg 785 - 823
	Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks			5			
	Experience in similar capacity in handling major 2/4/6- laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)		25				
	< 2 Nos.			0			
	2 Nos.			19			Pg 785 - 823
	Add three marks extra for each additional project subject to maximum 6 (Six)marks			6			
	Experience in similar capacity of Highway Project of Construction/Construction Supervision/C on EPC Mode (of length 40% of project length or more of similar configuration(2/4/6laning**)and above)		5				
	1 No.			4			
	Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark			1			Pg 785 - 823
3.2.3	Employment with Firm		5				
	<1 year			0			
	1 year			3			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			2			
	Total Resident cum Highway Engineer Out of 100		100				
	Total Resident cum Highway Engineer Out of 6		6				5.46
3.3	Bridge/ Structural Engineer		6				
	Appendix EC Clause 3.3						
	Name of Expert				Baban Prasad Singh		Pg 827
	Age with proof limit			65 years as on the Date of Bid Submission	62		Pg 833
	Same CV Submitted by two or more firms				No		
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.				Submitted		Pg 883 - 884
	If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned Institution should be enclosed with the CV.						

3.3.1	Appendix V	General Qualification Graduate in Civil Engineering	25	21	Submitted	21	Pg 834 - 836
		Post-Graduation in Structural Engineering		4	NA		
3.3.2		Adequacy for the Project	70				
		Professional Experience in Highway Projects					
		Total Professional Experience in Handling Highway/ Bridge projects	15				
		< 10 years		0			
		10 years		11			
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4			
		Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Interchanges/any other such structures (similar configuration (2/4/6laning** and above)	20				
		< 5 years		0			
		5 years		15			
		Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks		5			
		Experience in similar capacity in supervision of Major Highway Bridges/ROB/Interchanges/ any other structures	20				
		< 2 Bridge		0			
		2 Bridge		15			
		Add 2.5 mark extra for each additional bridge subject to maximum 5 marks		5			
		Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Interchanges/ any other structures	10				
		< 2 Nos.		0			
		2 Nos.		8			
		>= 3 Nos.		10			
		Experience in similar capacity of modern bridge construction technology viz, Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching	5				
		1 Nos.		4			
		> 1 Nos.		5			
3.3.3		Employment with Firm	5				
		< 1 year		0			
		1 year		3			
		Add 0.5 marks for each subsequent year subject to maximum 2 marks		2			
		Total Bridge/ structural Engineer Out of 100	100				
		Total Bridge/ structural Engineer Out of 6	6				
						91	
						5.46	
3.4	Appendix EC Clause 3.4	Senior Quality cum Material Expert	6		CV Enclosed (M/s MSPARK)		
		Name of Expert			Pankaj Chaudhary		Pg 957
		Age with proof limit	65 years as on the Date of Bid Submission		35		Pg 961
		Same CV Submitted by two or more firms			No		

An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H. If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.									
3.4.1	Appendix V (General Qualification	25	21	Submitted	Pg 992 - 993				
	Graduate in Civil Engineering		4	NA					
3.4.2	Adequacy for the Project	70			Pg 962				
	Professional Experience in Highway Projects								
	Total Professional Experience in handling Highway/Bridge projects	15							
	< 10 years		0						
	10 years		11						
	Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks		4						
	Experience in similar capacity in Construction/Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above))	25							
	< 5 years		0						
	5 years		19						
	Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6(Six) marks.		6						
	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above)	30							
	< 2 Nos.		0						
	2 Nos.		25						
	Add 2.5 marks extra for each additional project subject to maximum 5(five) marks		5						
3.4.3	Employment with Firm	5							
	<1 year		0						
	1 year		3						
	Add 0.5 marks for each subsequent year subject to maximum 2 marks		2						
	Total SQME Out of 100	100							
	Total SQME Out of 6	6							
3.5	Appendix EC Clause 3.5	4		CV Enclosed (M/s MSPARK)					
	Road Safety Expert								
	Name of Expert		65 years as on the Date of Bid Submission	Saurabh Jairath	Pg 995				
	Age with proof limit			40	Pg 999				
	Same CV Submitted by two or more firms			No					
	An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.			Submitted	Pg 1039 - 1040				

3.6	Appendix EC Clause 3.6	Senior Geotechnical Engineer		8				CV Enclosed (MSPARK)	Pg 886 Pg 891
		Name of Expert					Vishva Deepak Pandey		
		Age with proof limit		65 years as on the Date of Bid Submission			54		
		Same CV Submitted by two or more firms					No		
		An undertaking from the key personnel must be furnished that he/she will be available for entire duration of the project assignment and will not engage himself/herself in any other assignment during the period of his/her assignment on the project. After the award of work, in case of non-availability of key personnel in spite of his/her declaration, he/she shall be debarred for a period of two years for all projects of MORT&H.					Submitted		Pg 954 - 955
		If Key personnel is from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV.							
3.6.1	Appendix V	(General Qualification		25					
		Graduate in Civil Engineering/ Masters in Engineering Geology or equivalent from a recognized university			21		Submitted	25	Pg 892 - 893
		Post Graduation in Rock mechanics/ Foundation Engineering/ Tunnel Engineering			4		Submitted		
		Adequacy for the Project		70					
		Professional Experience in Highway Projects							
		Total Professional Experience		15					
		< 20 Years			0				
		20 Years			11				
		Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks			4				
		Experience in construction/ supervision of major tunnel projects (Road/ Rail/ Metro)		10			30 yrs 07 months (CV Srl No. 01 to 25)	15	Pg 887 - 953
		< 10 years			0		-	0	Pg 887 - 953
		10 years			7				
		Add 1 (one) marks extra for each additional year of experience subject to maximum 3 (three) marks.			3				
		Experience as Geotechnical Engineer or similar capacity in construction/ supervision of atleast 04 tunnel projects (road/ rail/ metro)		25					
		< 4 Projects			0		-	0	Pg 887 - 953
		4 Projects			17				
		Add 2 marks for each additional project subject to maximum 8 (eight) marks			8				
		Experience as Geotechnical Engineer or similar capacity in construction/ supervision of major tunnel involving vertical shaft sinking of atleast 200m vertical depth		5					
		< 1 Projects			4		-	0	Pg 887 - 953
		2 or more projects			5				
		Experience as Geotechnical Engineer or similar capacity in design/ project preparation of tunnel projects (Road/ Rail/ Metro) of atleast 4 Km length		15					
		< 2 Projects			0		-	0	Pg 887 - 953
		2 Projects			11				
		Add 2 marks for each additional project subject to maximum 4 (four) marks			4				

3.6.3	Employment with Firm				5	Not employed with firm				0		
	<1 year					0						
	1 year					3						
	Add 0.5 marks for each subsequent year subject to maximum 2 marks					2						
	Total Senior Geotechnical Engineer Out of 100					100						
	Total Senior Geotechnical Engineer Out of 6					6					40	
										2.40		



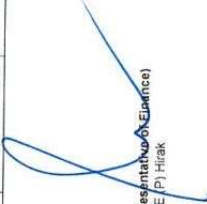
(Shri SP Koliyeve, CE)
Project Hirak



(Shri AK Gupta, SE (Civ))
HQ CE (P) Hirak



(Shri Mukesh Kumar Yadav, EE (Civ))
HQ CE (P) Hirak



(Representative of Hirak)
HQ CE (P) Hirak

Signature Not Verified

Digitally signed by HARISH CHANDRA PANDEY

Date: 2025.01.28 10:24:31 IST

Location: eProcure-EPROC