Minutes of meeting of Evaluation committee held on 22.08.2024 @1500 Hrs. for the work "Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH- 107 (Sitapur-Sonpryag-Gaurikund Section) (Total Length 17.50km including 2km of Tunnel) in the State of Uttarakhand."

Bids for the subject work were invited online by the o/o Regional officer, MoRTH, Dehradun, on 11.12.2023 as per extant norms. The consultancy work is to be executed by State PWD, Uttarakhand. The Bid due date of subject work was 01.02. 2024.Online Bid was opened by tender evaluation committee on 02.02.2024 out of 02 bidders 1 bidder is found technically responsive. The MOM of Technical evaluation is enclosed as Annexure A. The result of technical evaluation was uploaded on e-procurement portal on 05.08.2024 and the same was mailed to all bidders (Annexure B).

2. One bidder was disqualified due to overall score of the bidder was less than 75 as per Section 2 LOI clause 3.2.4 Para ii of RFP. Representation of disqualified bidder on the technical evaluation have been received. In the disqualified bid, CV of 2 key person Tunnel Design Expert and Senior Geotechnical Engineer was not evaluated due to proof of essential qualification as per TOR, Enclosure-II of RFP was not found. The representation of the bidder vide letter dated 07.08.2024 has been pursued by State PWD and O/o CE-RO. Score obtained in respect of experience of firms, Material testing, Survey equipment to be used, Qualification & experience of Key Person is tabulated as follow:

S. No	Name of bidder	Evaluation Criteria	Maximum Score	Original Score	Revised Score	Remarks
1	M/s Bernard Consultant Private Limited (Subsdiary of Bernard Gruppe) Association with M/S Aushta Consulting Engineers private Ltd.	Firm's relevant experience in last 7 years. (Maximum Marks-40)	40	38.00	38.00	i. Representation raised vide letter dated 07.08.2024. ii. In respect of Team Leader cum Senior Tunnel Design Expert" evaluation criteria of Appendix IV Clause 2.4.13 • For Para 2b(iii); In the infracon team id 2024-699-38421_5399 the experience in preparation of Team Leader cum Senior Tunnel Expert profile was perused and it was observed that experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro) of the key person is >12 years, Therefore the score may be revised to 8 marks in place of 0 mark. Therefore, the marks for TL may be revised to 10.80 instead of 9.84. iii. CV of two key persons namely Tunnel Design Expert and Senior Geotechnical Engineer was not evaluated due to essential qualification as per TOR, Enclosure II of RFP has not been found. iv. In respect of Tunnel Design Expert (Mr. Markus Tuertscher) evaluation criteria Appendix IV Clause 2.4.14 • The bidder vide its representation letter dated 07.08.2024 has submitted that "Mr. Markus Tuertscher, proposed as Tunnel Design Expert, holds a master's degree (MSc) in Civil Engineering with specialization in Geotechnics/Tunnelling, Water Engineering and Alpine Technology from University of Innsbruck, meeting the required criterion. The degree named "Dipl. Ing." in German language, "Diplom" refers to post-graduate degrees. We have attached a degree equivalency proof for your
		Material testing, Survey & investigation, equipment, and software proposed to be used (Maximum Marks-20)	20	20.00	20.00	
		Qualification and relevant experience of the proposed Key personnel (Maximum Marks-40)	40	14.00	25.42	

						reference along with translated copy of the degree". • In this regard the translated degree certificate & University website have been perused and it was found that the relevant bachelor degree required to enroll in the course is civil engineering. Therefore, score (20) against essential qualification may be considered. • Further the document submitted for Desirable qualification i.e. post-graduation degree is Diplom-Ingenieur which is as per the submission of the bidder is equivalent to Masters in civil Engineering, further the degree certificate does not indicate any specialization. This is not as per the stipulated requirement of TOR enclosure II of RFP i.e. Post-Graduation in Design/Structural engineering or equivalent. Therefore, in respect of desirable qualification zero marks may be given. • The cv of Tunnel Design Expert has been evaluated as per stipulated RFP criteria and 5.06 marks may be considered. v. In respect of Senior Geotechnical Engineer (Stefan Dietrich) evaluation criteria Appendix IV Clause 2.4.16. • The bidder vide its representation letter dated 07.08.2024 has submitted that "Mr. Stefan Dietrich, proposed as Sr. Geotechnical Engineer, holds a master's degree (MSc) in Civil Engineering with specialization in Geotechnics/Tunnelling, Water Engineering and Alpine Technology from University of Innsbruck, meeting the required criterion. The degree named "Dipl. Ing." in German language, "Diplom" refers to post-graduate degrees. We have attached a degree equivalency proof for your reference along with translated copy of the degree". • In this regard the translated degree certificate & University website have been perused and it was found that the relevant bachelor degree required to enroll in the course is civil engineering. Therefore, score (20) against essential qualification may be considered. • Further the document submitted for Desirable qualification i.e. post-graduation degree is Diplom-Ingenieur which is as per the submission of the bidder is equivalent to Masters in civil Engineering, further the degree certificate does not indicate any specialization. This is not as per the stipulated requirement of TOR enclosure II of RFP i.e. Post Graduation in Geotechnical Engineering /Foundation Engineering/Rock Mechanics/Geo science or equivalent.

						Therefore, in respect of desirable qualification zero marks may be given. • The cv of Senior Geotechnical Engineer has been evaluated as per stipulated RFP criteria and 5.40 marks may be considered.
		Total	100	72.00	83.42	Responsive

3. The revised Score was concurred by all the Committee members.

4. The meeting ended with vote of thanks to the Chair.

22/8/24			
Executive Engineer NH, PWD (Rudraprayag) (Member Secretary)	Superintending Engineer NH, PWD (Dehradun) (Member)	Chief Engineer NH,PWD (Dehradun) (Member)	Chief-Engineer-Regional officer MoRTH Dehradun (Chairman)

Comparative Statement for Evaluation of Proof of Eligibility

Name of work :-Consultancy Services forpreparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH- 107 (Sitapur-Sonpryag–GaurikundSection) in the State of Uttarakhand. (Total Length 17.50km including 2km of Tunnel) in the state of Uttarakhand

		Name of Bidder				M/s Bernard Consultant Private Limited (Subsdiary of Bernard Gruppe) Association with M/S Aushta Consulting Engineers private Ltd.		Page no	
S.No.	Reference Clause	PARTICULAR	Min. Criteria for qualification			Documents	Responsive/ Non Responsive		
STAGE- I PROOF OF ELIGIBILITY						STAGE-I PROOF OF ELIGIBILITY			
1	3.1.1 (i)	Forwarding letter for Proof of Eligiblity	In the form E1			Submitted	Responsive	Pg 3 Part-I	
2	3.1.1 (iv)	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 .	Responsive	Pg 422 of Patr-I	
3	3.1.1 (ii)	Firm's relevant experience and	As per Form-E2/T3			Submitted	Responsive	Pg 94-154 of Patr-I	
	Data Sheet Clause12.1	Prepared DPR preparation of Detailed Project Report of at least 5 meter diameter Two/four/six lane Road/ Rail/ Metro / irrigation/ hydro-electric project tunnels of aggregate length equal to the indicative (Indicative Length= 2.5.0 km of tunnel) length of the package.	In case of sole	100%	2.50	page 111,112	Responsive	Pg 94-154 of Patr-I	
			In case of JV DPR/FS projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be given.	Lead in JV 75%	1.88				
				Other partner in JV 50%	1.25				
	Data Sheet Clause12.1	Firm should have also prepared DPR for at least one project of 5 meter diameter (min.)two/four/six lane Road / Rail / Metro/irrigation / hydro-electric project tunnel of minimum 40% of the indicative length of the package (2.5km km of tunnel) OR feasibility for at least one project of 5 meter diameter (min.) Road / Rail/ Metro/ irrigation / hydro-electric project tunnel of minimum 60% of the indicative length of the package (2.5 km of tunnel). The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered unless certified by the client (Road owning authority).	In case of sole (DPR)	40%	1	page 111,112	Responsive	Pg 94-154 of Patr-I	
			In case of sole (Feasibility)	60%	1.5	page 111,112			
			In case of JV(DPR) DPR/FS/ projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be given.	Lead in JV 75%	0.75				
				Other Partner in JV 50%	0.5				
			In case of JV(Feasibility) DPR/FS/ projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be given.	Lead in JV 75%	1.13				
				Other Partner in JV 50%	0.750				

AEE, RO-MORTH

4	3.1.1 (iii) & Data Sheet Clause12.1	Annual average turnover for last 5 years of the firm should be equal to or more than Rs.5.00 Crores. (Updated to the factor as per clause 1.3.2 of LOI)	In Form T3-A of Appendix-III along with certificates duly signed by the Engineer-in-Charge, not below the rank of Executive Engineer or equivalent OR the fees received statement certified by CA can also be submitted as a certificate for ongoing works. Atabular statement as in Form E3 showing the turnover of the applicant firm(s) for the last five years beginning with the last financial year certified by the Chartered Account along with certified copies of the audit reports shall be submitted in support of the turnover			Submitted							Responsive	Pg 173-362 of Part-I	
						18-19	19-20	20-21	21-22	22-23	Avg			
			For Solo (in Rs. Cr)		5	144.92	161.55	186.49	234.95	252.17	212.74			
			In case of JV(in Rs. Cr)	Lead in JV 75%	3.75									
				Other Partner in JV 50%	2.5									
5	1.8.1 (ii) 3.1.1(vi)	Power of Attorney	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)			In the name of Mr.Mrigank Shekhar ,Director unitNo. 9 B-5 ,Ansal Tower -38 ,Nehru Place Delhi 1100169 on a stamp paper of Rs. 100							Responsive	Pg 10 of Part-I	
6	1.8.2 (ii) 3.1.1 (vii	Joint Venture	Digitally Signed Memorandum of Understanding (MOU) on a stamp paper of Rs.100, signed by all firms of the joint venture/ Association as detailed at para 1.8.2. In case of a Joint Venture, the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding(MOU) on a stamp paper of Rs.100, signed by all firms to the joint venture confirming the following therein:			Submitted letter of Association,							Responsive	Pg 406-409 of Part-I	
7		Rule 144(xi) of GFR	Self-Certification as per Form E4 In case of procurement for a value in excess of Rs. 10 Crores, the 'Class- I Local Supplier'/ 'Class-II Local Supplier', shall have to provide a Certificate from Statutory Auditor or Cost Auditor of the Company or from a practicing Cost Accountant or practicing Chartered Accountant giving the percentage of Local Content. 'Class-I Local Supplier'/ 'Class-II Local Supplier' are as defined in the ORDER No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 of Ministry of Commerce and Industry, Govt. of India and its subsequent amendments. .			Submitted							Responsive	Pg 323-325 of part -I I	
		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)														
The technical proposal should score at least 75 marks out of 100 to be considered for financial evaluation. The CV of the proposed Team Leader should score at least 75 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals and shall not be considered for opening of Financial Proposals.														
1	3.2.3(i)	Forwarding Letter for Technical Proposal		In form T1		Submitted							Responsive	Pg 2 of part-II
2	3.2.3(ii)	Details of projects for which Technical and Financial Proposals have been submitted by the Consultant with a particular Team		In form T2		Submitted							Responsive	Pg 4-5 of part-II
3	3.2.3(iii)	Firm's references - Relevant Services carried out in the last seven years as per Form- E2/T-3. This information submitted as part of Proof of Eligibility		Form E2/T3		Submitted							Responsive	Pg 1-422 of Patr-I
4	3.2.3(iv)	Site Appreciation: limited to four A4 size pages in 1.5 space and 12 font including photographs		Form T4		Submitted old site photographs.some photograph mitsmatch							Responsive	Pg11-20 of Part- II

5	3.2.3 (v)	The composition of the proposed Team and Task Assignment to individual personnel: Maximum three pages	Form-T-5		Submitted	Responsive	Pg 22-25 of Part- II	
6	3.2.3(vi)	Proposed methodology for the execution of the services illustrated with bar charts of activities, including any change proposed in the methodology of services indicated in the TOR, and procedure for quality assurance: The proposed methodology should be accompanied by the consultants initial view, key challenges they foresee and potential solutions suggested regarding: a) proposed alignment and bypass required, b) land acquisition requirements, c)access control, rehabilitation of existing road, drainage and utilities, d) adoption of superior technology along with proof : limited to six A4 size pages in 1.5 space and 12 font including photographs,	For (a) to (c) Form-T-6 and for item (d) information in Form-T-8		Submitted	Responsive	Pg 27-49 of Part-II	
7	3.2.3(vii)	Details of Material Testing lab facilities to be used for the project	Form-T-7	In-house lab facilities up to a distance of maximum 400 km from the project site would be accepted.	Submitted. .	Responsive	Pg 53-96 of Part-II	
8	3.2.3(viii)	Proposed Quality Audit Methodology including Quality Assurance Plan	Form T-8		Submitted.	Responsive	Pg 27-49 of Part-II	
8	3.2.3(ix)	Details of office equipment and software owned by the firm	Form-T9		Submitted.	Responsive	Pg 99-103 Part-II	
9	3.2.3(x)	CVs of following 4 (four) Key Personnels i) Team Leader cum Senior Tunnel Expert, ii) Tunnel Design Expert, iii) Senior Geo-Physicist & iv) Senior Geotechnical Engineer The CV of the all Key Personnels who is proposed to be engaged at any stage of the consultancy should score at least 75 % marks	Form–T-10		Submitted	Responsive	Pg 105-321 Part-II	
10	3.2.3(xii)	Certificate Lacal content	Form T-12		Submitted	Responsive	Pg 325 Part-II	
1	Data Sheet 12.2 A	**Firm's relevant experience in last 7 years for DPR work**	40			**No. Given**		**Self Evaluation**
1.1		**Specific experience of the DPR consultancy related to the assignment**	15					15
		Aggregate Length of DPR / Feasibility study of 2/4/6 lane road/rail/metro/irrigation/hyroelectric tunneling projects (diameter atleast 5m)	8					
1.1.1		More than the indicative Length(2.5 km of tunnel) of the package applied for		6	1.265+3.161+6.905=11.331	8	Pg 111,112 of Part-I	
1.1.2		More than 2 times the indicative length(2.5 km of tunnel) of the package applied for.		7				8
1.1.3		More than 3 times the indicative length(2.5 km of tunnel) of the package applied for		8				
1.2		DPR for 2/4/6 lane tunnel of Road/ Rail/ Metro / irrigation/ hydro- electric Tunnelling projects each equal to or more than 40 % of indicative length (2.5 km of tunnel) of a package applied for (or) Feasibility Study for 2/4/6 lane Road/Rail/Metro Tunnelling projects each equal to or more than 60 % of indicative length (7 km) of tunnel) of a package applied for. (Tunnel of at least 5 meter diameter only to be considered)	7				Pg 94-154 of Part-I	

1.2.2		2 projects		6	More Than Three Projects	7		7
1.2.3		≥ 3 projects		7				
2		**DPR of Bridge having length more then 200mtr**	**5**					
2.1		1 project		1	4 Projects	4	Pg 156,161,166 of Part-I	
2.2		2 projects		2				
2.3		3 projects		3				5
2.5		4 projects		4				
2.5		5 projects or more		5				
3		**Specific experience of Firm in terms of Turnover**	**5**					
3.1		Firm Average turnover of last 5 years >50 crore		5	more than 5 Cr.	5	Pg 173-362 of Part-I	5
3.2		Firm Average turnover of last 5 years 20-50 crore		4.5				
3.3		Firm Average turnover of last 5 years >5 but <20 crore		4				
4		**DPR of Special category projects (special bridges.tunnels or expressways whichever applicable).It is noted that either 4.1 or 4.2 shall be applicable,and not both**	**5**					
4.1		DPR of number of 2/4/6 lane package applied for (or feasibility study for 2/4/6 laning road/metro/rail/irrigation/hydro-electric tunnelling projects (Tunnel of at least 5 meter diameter only to be considered)						
4.1.1		1 project		1			Pg 94-154 of Part-I	
4.1.2		2 projects		2				
4.1.3		3 projects		3				
4.1.4		4 projects		4				
4.1.5		5 projects or more		5	more than 5 project	5		5
5		**Highway professionals working with firm**	**10**					
5.1		<10 nos.		0			Pg 65-66 of Part-I	
5.2		10-20 nos		8				
5.3		>20-30 nos.		9		9		
5.4		>30 nos.		10	more than 21			10
		Total	**40**			38		40
B								
B	Data Sheet 12.2 B.	**Material testing, survey & investigation, equipment and software proposed to be used**	**20**					
1		**Availability of Material Testing Facilities with persons/resources having operational skills of the equipment**	**3**					
1.1		Owned* (Available In House)		3	Sumitted	3	Pg 51 of Part-II	
1.2		Outsourced (Hire basis)		3				3

of materials to be used for construction of Highway and Tunnel Project.								
2	Data Sheet 12.2 B.1	**Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment**	**2**					
2.1		Owned* (Available In House)		2	Sumitted	2	Pg 53-97 Part-II	
2.2		Outsourced (Hire basis)		2				2
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway and Tunnel Project.								
3	Data Sheet 12.2 B.1	Availability of Office Equipment and Software with persons/resources having operational skills of the equipment	**3**					
3.1		Owned*** (Available In House)		3	Sumitted	3	Pg 99-103Part-II	
3.2		Outsourced (Hire basis)		3				3
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway and Tunnel consultancy assignment.								
4	Data Sheet 12.2 B.1	**Experience in LiDAR or better technology for topographic survey (Infrastructure sector)**	**5**					
4.1		1 project		1	Submitted more than 5 project		page 80,83,86,88,90,92 Part-II	
4.2		2 projects		2				
4.3		3 projects		3				
4.4		4 projects		4				
4.5		≥ 5 projects		5		5		5
5		**Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector)**	**4**					
4.5.1		1 project		1	Submitted more than 4 project	4	page 80,83,86,90,92 Part-II	
4.5.2		2 projects		2				
4.5.3		3 projects		3				4
4.5.4		≥ 4 projects		4				
6		**Experience in digitization of cadastral maps for land surveys**	**3**					
6.1		Area upto 100 ha		1	Submitted more than 500ha.	3	page 83,90,92 Part-II	
6.2		Area between 100-500 ha		2				3
6.3		Area > 500 ha		3				
		Total	**20**			**20**		**20**

Experience in digitization of cadastral maps for land acquisition shall be supported by experience certificate. The experience of a firm/ associate in Lidar or equivalent technology, GPR and Induction Locator or equivalent technologies and Experience in Digitization of cadastral maps for land acquisition for a private concessionaire/ contractor (client) shall be considered on self-certification along with the client certificate of Government agencies not below the rank of EE/PD/GM or eqivalant officer. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.9.1(g) ofGCC								
(i) The Consultants owning the equipment shall be required to submit proof of ownership. (ii) The experience of firm/associate 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 for a private concessionaire/ contractor (client) shall be considered on self-certification along with the client certificate of Government agencies not below the rank of EE/PD/GM or eqivalant officer. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.9.1(g) ofGCC								
	Data Sheet 12.2 C.3	Qualification and relevant experience of the proposed key personnel	40					
	Data Sheet 12.2 C.3	**Team Leader cum Senior Tunnel Expert**	12		CV Enclosed			11.70
		Name of Expert			Sh. Saibaba Ankala			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		63		Pg 154 of Part-II	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 161-162 of Part-II	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		Pg 154 of Part-II	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		No			
	2.4.13	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25					
	1(i)	Degree in Civil Engineering/Tunnel Engineering / Mining Engineering		20	Submitted	20	Pg 156 of Part-II	20
	ii	Post Graduation in Civil Engineering /Tunnel Engineering/ Mining Engineering		5	submitted	5	Pg 155 of Part-II	5
	II	Relevant Experience & Adequacy for the Project	65					
	a	**Total Professional Experience (Min. 20 years)**	**10**					

	20-25 years		8	From 1989 to ongoing	10	Pg 107-109 of Part-II	10
	>25-28 years		9				
	>28 years		10				
b	**Experience in Tunneling Works**	**40**					
	(i) Profession experience of min 12 years in handling major tunnel projects (Road/Rail/Metro)	8					
	<12 years		0	more than 15 year	8	Pg 110-151,159-163 of Part-II	
	12-14 years		6				8
	>14-15 years		7				
	>15 years		8				
	(ii) Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)	8					
	<10 years		0	more than 12 year	8	Pg 110-151,159-163 of Part-II	
	>=10 – 12 years		7				8
	>12 years		8				
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8					
	<10 years		0	8 Years	8	Pg 110-151,159-163 of Part-II Infracon sl no-7,11,14,15,16,17,18	
	>=10 – 12 years		7				8
	>12 years		8				
	(iv) Experience in DPR preparation of minimum 5 km Tunnel length	8					
	<3 projects		0	More than 3 Project .	8	Pg 110-151,159-163 of Part-II	
	3 or more projects		8				8
	(v) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	**8**					
	< 10 years		0	From 1989 more than 12 year	8	Pg 110-151,159-163 of Part-II	
	>=10 – 12 years		7				8
	> 12 years		8				

		(i) Experience as Team Leader or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	7					
		2 projects		5	More than 5 Project .	7	Pg 110-151,159-163 of Part-II	
		=3 to 5 projects		6				7
		> 5 or more projects		7				
		(ii) Experience as Team Leader or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8					
		2 projects		6	More than 5 Project .	8	Pg 110-151,159-163 of Part-II	
		=3 to 5 projects		7				8
		> 5 or more projects		8				
		Employment with Firm	10					
		<1 year		0	Not submitted	0	Pg 498 - 500 of Part-II	
		1-2 year		7.5				7.5
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks						
		Total Team Leader cum Senior Tunnel Expert Out of 100	100			90		97.5
		Total Team Leader cum Senior Tunnel Expert Out of 12 should score at least 75 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals	12			**10.80**		**11.70**
	Data Sheet 12.2 C.3	**Tunnel Design Expert**	**10**		**CV Enclosed**		Pg 206-214 of Part-II	
		Name of Expert		**Markus Tuertscher**				
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		41Years		Pg 206 of Part-II	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 204 of Part-II	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		Pg 165-166 of Part-II	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/ research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		Not Applicable			

			firms, zero marks shall be given for such CV for all the firms.		No		-	
	Appendix V (2-(C1.14))	**General Qualification** **If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.**	**25**					
I	i	Degree in Civil/ Mining Engineering		20	Submitted	20		25
	ii	Post Graduation in Design/Structural Engineering or equivalent		5		0	Desirablel qualification degree as per TOR enclosure II has not been found.	
	II	Relevant Experience & Adequacy for the Project	65	0				
	a	Total Professional Experience	10					
		<15 years		0	16.8 Years	8		
		15-20 years		8				10
		>20-25 years		9				
		> 25 years		10				
	b	Experience in Tunneling Projects	24					
		(i) Profession experience in handling major tunnel projects (Road/Rail/Metro)	8					
		< 10 years		0	15.9 Years	8	Infracon sl 1,2,3,9,10,11,12,17	
		>=10 – 12 years		6				
		> 12 -14years		7				
		> 14 years		8				8
		(ii) Experience of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8					
		< 10 years		0	6.7	0	Infracon sl 1,2,3,7,9,12	
		>=10 – 12 years		6				
		> 12 -14years		7				
		> 14 years		8				8
		(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8					
		< 10 years		0	10 Years	0	Infracon sl 10,11,17	
		>=10 – 12 years		6				
		> 12 -14years		7				
		> 14 years		8				8
	c	Experience in Similar Capacity	31	0				

(Structural)	8					
< 8 years		0	10.9 Years	4.6	As per Appentix V of Datasheet p-248, in respect of similar capacity for the instant key person the eligible post on behalf of consultant/contractor is "Tunnel Design Engineer". No work has been found under similar capacity. Further infracon project at sl no 9,10,12,17 is in next lower category. Total experience further said projects is 10.9 years. which converts to 7 marks .Further being in next lower category 2/3 marks is to be assigned. Therefore marks obtained = 7*2/3 = 4.6 .	
>=8 – 10 years		6				
> 10 -12 years		7				
> 12 years		8				8
(ii) Experience as Tunnel Design Engineer (Structural) of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8					
< 8 years		0	7.8 Years	0	Project at sl no 9 & 12,17 may be considered in next lower category.	
>=8 – 10 years		6				
> 10 -12 years		7				
> 12 years		8				8
iii) Experience as Tunnel Design Engineer (Structural) of major tunnel for preparation of DPR projects (Road/Rail/Metro)	8					
< 8 years		0	4.6 Years	0	As per Appentix V of Datasheet p-248, in respect of similar capacity for the instant key person the eligible post on behalf of consultant/contractor is "Tunnel Design Engineer". No work has been found under similar capacity. Further infracon project at sl no 10 is in next lower category. Total experience further said projects is 4.6 years.	
>=8 – 10 years		6				
> 10 -12 years		7				
> 12 years		8				8

		preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro) using NATM	7					
		<3 projects		0	1 Project	0	Project at sl no 10 in next lower category may be considered	
		>=3 -5 projects		6				
		5 or more projects		7				7
		Employment with Firm	10					
		<1 year		0	Since 20.08.2012	10		
		1-2 year		7.5				10
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks						
		Total Tunnel Design Expert out of 100	100			50.6		100
		Total Tunnel Design Expert out of 10	10			**5.06**		**10.00**
	Data Sheet 12.2 C.3	**Senior Geotechnical Engineer**	**10**		CV enclosed		page 233-234	
		Name of Expert			**Mr. Stefen Dietrich**			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		47 year		Pg 253 of Part-II	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 251 of Part-II	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		page 233-234	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		NO			
	Appendix V (2-(C1.15))	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25					
		Degree in Civil Engineering/Mining Engineering / Engineering Geology		20	Submitted	20		20

	Engineering/Rock Mechanics/Geo science or equivalent		5		0	Desirablel qualification degree as per TOR enclosure II has not been found.	5
	Relevant Experience & Adequacy for the Project	65					
	Total Professional Experience (Min. 15 years)	10					
	<15 years		0	17.8 Years	8	From 25.05.2006 to 01.02.2024	
	15-20 years		8				
	>20-25 years		9				
	> 25 years		10				10
	Experience in Tunneling Works	24					
	(i) Profession experience in handling major tunnel projects (Road/Rail/Metro)	8					
	< 10 years		0	17.8 Years	8	Infracon sl 1,2,4	
	>=10 – 12 years		6				
	> 12 -14years		7				
	> 14 years		8				8
	(ii) Experience of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8					
	< 10 years		0	2.9 Years	0	Infracon sl 5	
	>=10 – 12 years		6				
	> 12 -14years		7				
	> 14 years		8				8
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects(Road/Rail/Metro)	8					
	< 10 years		0	17.8 Years	8	Infracon sl 1,2,4	
	>=10 – 12 years		6				
	> 12 -14years		7				
	> 14 years		8				8
	Experience in Similar Capacity	31					
	(i) Professional Experience as Senior Geotechnical Engineer	8					
	< 8 years		0	0	0	No projects under similar capacity or next lower capacity	
	>=8 – 10 years		6				
	> 10 -12 years		7				
	> 12 years		8				8
	(ii) Experience as Senior Geotech. Engineer or similar capacity in major tunnel construction/ construction supervision projects (Road /Rail /Metro)	8					

				0				
		>=8 – 10 years		6	0	0	No projects under similar capacity or next lower capacity	
		> 10 -12 years		7				
		> 12 years		8				8
		(iii) Experience as Senior Geotechnical Engineer or similar capacity inpreparation of DPR or Feasibility report of major tunnel projects(Road/Rail/Metro)	8					
		< 8 years		0	0	0	No projects under similar capacity or next lower capacity	
		>=8 – 10 years		6				
		> 10 -12 years		7				
		> 12 years		8				8
		(iv) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	7					
		< 8 years		0	0	0	No projects under similar capacity or next lower capacity	
		>=8 – 10 years		6				
		> 10 -12 years		7				7
		Employment with Firm	10					
		<1 year		0	From 02.05.2006	10		
		1-2 year		7.5				10
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks						
		TOTAL Senior Geotechnical Engineer out of 100	**100**			**54**		100
		TOTAL Senior Geotechnical Engineer out of 10	**10**			**5.40**		10.00
	Data Sheet 12.2 C.3	**Senior Geophysicist**	**8**		CV enclosed		Pg 277-280 of Part-II	
		Name of Expert			**Mr. Chevva Krishnaiah**			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		64 years		Pg 312 of Part-II	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 310 of Part-II	

Pg 277- 280 of Part-II

		personnel			Submitted			
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational /research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		No			
	Appendix V (2-(C1.16))	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25					
		Graduate in Geophysics/Geo science/ Earth science or equivalent		20	Submitted Subject P.C.M	20	Pg 316of Part-II	20
		Post Graduation in Geophysics/Geo science/ Earth Scienceor equivalent		5	Submitted	5	Pg 315of Part-II	5
		Relevant Experience & Adequacy for the Project	65	0				
		Total Professional Experience	15					
		<15 years		0	More than 25 years	15	Pg 317-321 of Part-II	
		15-20 years		10				
		>20-25 years		13				
		> 25 years		15				15
		Experience in Tunneling Works	50					
		(i) Professional Experience in handling tunnel/ mineral and oil exploration projects	12					
		< 10 years		0	More than 14 years	12	Pg 277-309 of Part-II	
		>=10 – 12 years		9				
		> 12 -14years		11				
		> 14 years		12				12
		(ii) Experience of carrying out AEM Survey for tunneling/ mineral and oil exploration or any other similar work for area of more than 2.7 sq km	12					
		< 2 projects		0	Not Submitted	0		
		2 projects		9				
		3 projects		11				
		4 or more projects		12				11
		(iii) Processing, Interpreting, generating 3D resistivity model of AEM survey's raw data for tunneling/ mineral and oil exploration or any other similar work for area of more than 2.7 sq km	12					

				0				
		2 projects		9	Not Submitted	0		
		3 projects		11				
		4 or more projects		12				11
		(iv) Experience in carrying out AEM survey, processing, interpreting, generating 3D resistivity ofGeophysical survey's raw data for major tunnel work (Rail/Road/Metro)	14					
		<3 projects		0	Not Submitted	0		
		3 projects		9				
		4 projects		12				
		5 or more projects		14				0
		Employment with Firm	10					
		<1 year		0	Not Submitted	0		
		1-2 year		7.5				0
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks						
		Total Senior Geophysicist out of 100	**100**	**0**		**52**		**74**
		Total Senior Geophysicist out of 8	**8**	**0**		**4.16**		**5.92**
	Qualification and Relevant experience of the proposed key personnel		**40.00**			**25.42**		**37.62**

Summary Second stage technical evaluation

Sr. No.	Description	Points		Total Score		As per Self Evaluation of bidder
1	Firm's relevant experience in last 7 years for DPR work	40.00		38.00		40.00
2	Material testing, survey & investigation, equipment and software proposed to be used for DPR work	20.00		20.00		20.00
3	Qualification and Relevant experience of the proposed key personnel	40.00		25.42		37.62
	TOTAL	**100.00**		**83.42**		**97.62**
				Responsive		

Member Secretary
Executive Engineer
NH PWD Rudraprayag

Member
Superintending Engineer
PWD, Dehradun

Member
Chief Engineer
PWD, Dehradun

Chairman
Chief Engineer
RO, MoRTH, Dehradun

Minutes of meeting of Evaluation Committee held on 31.07.2024 @1700 Hrs. for evaluation of technical bids for the work -" Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH- 107 (Sitapur Sonpryag Gaurikund Section) in the State of Uttarakhand. (Total Length 17.50km including 2km of Tunnel) in the state of Uttarakhand on EPC mode"

The bids for the subject work were invited 2nd time online by the O/o Regional Officer, MoRTH, Dehradun, on 11.12.2023 as per extant norms. The consultancy work is to be executed by State PWD, Uttarakhand. The Bid due date of subject work was 01.02.2024.

1. 1st time bid was invited on 27.09.2023. On the first time, single bid was received which was not accepted as per Ministry circular No. NH-14019/4/2008-P&M dated 27.04.2008.(MOM dated 21.11.2023 Annexure -I)

2. The online bid was opened by Tender Evaluation Committee on 02.02.2024 @ 1500 Hrs at CE-RO, Office, Dehradun. Bids from following bidders were received in CPPP Portal & INFRACON (Annexure -II.)

Sl.No	Name of Bidder
1.	M/s Bernard Consultant Private Limited (Subsidiary of Bernard Gruppe) Association with M/S Aushta Consulting Engineers private Ltd.
2.	M/s Rites Limited in Association with Space Engineers & Consotium, Private Limited

3. Vide letter dated 10.02.2024 (Annexure III) executing agencies of MoRTH were requested to submit information regarding whether any bidder individually and/or jointly debarred/blacklisted/declared non-performer or any adverse action taken as regard to participate/bidding. In this regard no response has been received from any of the executing agencies to State PWD or in the office of CE-RO.

4. Further the bidder was requested to extend their bid validity by 120 days vide Regional office letter dated 15.05.2024 as per RFP section 2 clause 1.10. (Annexure-IV).

Sl.No	Name of Bidder	Bid Validity Status
1	M/s Bernard Consultant Private Limited (Subsdiary of Bernard Gruppe) Association with M/S Aushta Consulting Engineers private Ltd.	Extended as per RFP section 2 clause 1.10 (Annexure-IV)
2	M/s Rites Limited in Association with Space Engineers & Consotium, Private Limited	Extended as per RFP section 2 clause 1.10 (Annexure-IV)

5. Composition of evaluation committee has been modified vide this office letter dated 19.06.2024 (Annexure V). Second meeting of Evaluation Committee was held on 31.07.2024 (OM Annexure VI).

6. Clarification regarding essential qualification chronology was sought from one bidder vide letter dated 22.07.2024 (Annexure VII). RITES vide its letter dated 29.07.2024 has submitted clarification regarding the same (Annexure VIII). Accordingly, evaluation has been carried out and result thereof is detailed below:

Sl. No.	Name of bidder	Evaluation Criteria	Technical Score	Remarks
1	M/s Bernard Consultant Private Limited (Subsidiary of Bernard Gruppe)	Firm's relevant experience in last 7 years. (Maximum Marks-40)	38.00	(i) Non-Responsive as per Section 2 LOI clause 3.2.4 Para ii of RFP.

	Association with M/S Aushta Consulting Engineers private Ltd.	Material testing, Survey & investigation, equipment and software proposed to be used (Maximum Marks-20)	20.00	(ii) Key person (Tunnel Design Expert) profile was perused under unique team id 2024-699-38421_5399. It was observed that proof of essential qualification as per TOR, Enclosure-II of RFP i.e. degree in civil/mining engineering has not been found. Therefore, zero marks has been assigned to the CV as per Section 2 LOI clause 3.2.4 para ii of RFP. (iii) Key person (Senior Geotechnical Engineer) profile was perused under unique team id 2024-699-38421_5399. It was observed that proof of essential qualification as per TOR, Enclosure-II of RFP i.e. degree in civil/mining engineering/Engineering Geology has not been found. Therefore, zero marks has been assigned to the CV as per Section 2 LOI clause 3.2.4 para ii of RFP.
		Qualification and relevant experience of the proposed Key personnel (Maximum Marks-40)	14.00	
		Total (Max marks 100)	72.00	
2	M/s Rites Limited in Association with Space Engineers & Consotium, Private Limited	Firm's relevant experience in last 7 years. (Maximum Marks-40)	40.00	Responsive
		Material testing, Survey & investigation, equipment and software proposed to be used (Maximum Marks-20)	20.00	
		Qualification and relevant experience of the proposed Key personnel (Maximum Marks-40)	32.70	
		Total (Max marks 100)	92.70	

7. The detail evaluation sheet is enclosed.

8. Evaluation Committee recommended to open financial proposal of qualified bidders after 7 days from the date on which the technical score is uploaded in portal.

The meeting ended with vote of thanks to the Chair.

Executive Engineer NH,PWD Rudraprayag (Member Secretary)	Superintending Engineer NH, Garhwal (Member)	31-7-2024 Chief Engineer NH,PWD (Member)	Chief-Engineer- Regional officer MoRTH Dehradun (Chairman)

Minutes of Meeting of Evaluation Committee for opening of Technical bids for the work of ''Consultancy Services for preparation of DPR for upgradation of single lane to 2 lane and tunneling of existing alignment realignment from Chainage 68.600 to 75.00 of NH 107 Sitapur Sonprayag Gaurikund Section in the State of Uttarakhand'' at CE-RO , Office, Dehradun on 21.11.2023@1500 hrs.

The Technical bids for the above subject work were invited online by the 0/o Regional Officer, MoRTH, Dehradun, on 27.09.2023 as per extant norms. The Consultancy work is to be executed by the State PWD, Uttarakhand. The Bid due date of subject work was on 13.11.2023 and was further extended to 20.11.2023 (1500 hrs).

2. The bids were opened by the Tender Evaluation Committee on 23.11.2023 @1500hrs at CE-RO,Office, Dehradun. No bids has been received in the e-procurement portals (i.e. CPPP) & INFRACON.

3. The Evaluation Committee decided to rebid the instant Consultancy work.

The meeting ended with vote of thanks to the Chair.

(Ralceme S)
Executive Engineer,
RO, MoRTH, Dehradun
(Member Secretary)

(Ranjeet Singh)
Superintending Engineer
(NH), PWD, Dehradun
(Member)

(Dayanand)
Chief Engineer
NH PWD Uttarakhand
(Member)

(D.K.Sharma)
CE-RO, MoRTH, Dehradun
(Chairman)

Minutes of meeting of Evaluation Committee for opening of technical bids for the work "Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment- realignment from Chainage 68.600 to 75.00 of NH-107 Sitapur- Sonprayag Gaurikund Section in the State of Uttarakhand." at CE-RO, Office, Dehradun on 02.02.2024 @ 1500 hrs.

The Technical bids for above subject work were invited online by the O/o Regional Officer, MoRTH, Dehradun, on 11.12.2023 as per extant norms. The consultancy work is to be executed by the State PWD, Uttarakhand. The Bid-due date of subject work was on 01.02.2024.

2. The bids were opened by the Tender Evaluation Committee on the scheduled date and time i.e.02.02.2024 @1500 hrs at CE-RO, Office, Dehradun. Bids from the following 02 bidders were received in the CPP Portal & IWEB/COTI.

Sl. No	Name of the Bidder
1	**M/s Rites Limited in Association with Space Engineers & Consortium, Pvt. Ltd.**
2	**M/s Bernard Consultants Private Limited in Association with Aushta Consulting Engineers (India) Private Limited**

3. The Chairman of the Evaluation Committee directed EE NH PWD Rudraprayag to expedite technical evaluation of the work and submit technical evaluation within 15 days to ensure timely award of the Consultancy services.

The meeting ended with vote of thanks to the Chair.

(Ralceme S)
Executive Engineer,
RO, MoRTH, Dehradun
(Member Secretary)

(Ranjeet Singh)
Superintending Engineer,
NH, PWD, Dehradun
(Member)

(Dayanand)
Chief Engineer (NH),
PWD, Dehradun
(Member)

(D.K Sharma)
Chief Engineer-Regional Officer
MoRTH, Dehradun
(Chairman)

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Ministry of Road Transport & Highways
कार्यालय, मुख्य अभियन्ता–क्षेत्रीय अधिकारी
Office of the Chief Engineer-Regional Officer
प्रथमतल, इंस्टिट्यूशन ऑफ इंजीनियर्स (इंडिया), भवन
1st Floor, The Institution of Engineers (India) Building
निकट आई.एस.बी.टी. सहारनपुर रोड/Near ISBT, Saharanpur Road,
देहरादून, उत्तराखण्ड–248002, Dehradun, Uttarakhand- 248002
दूरभाष Phone (0135) – 2738657

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No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 **Date-10.02.2024**

Sub: - Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment- realignment from Chainage 68.600 to 75.00 of NH-107 Sitapur- Sonprayag Gaurikund Section in the State of Uttarakhand. - regarding adverse action/ debarred/blacklisted/declared non-performance of the firms/ Key Personnel.

Ref: - 2023_MoRTH_784810_1 dated: - 11.12.2023

The following 02 (Two) Firms/Applicant has submitted their credentials, technical proposal online through e-procurement portal for the above-mentioned Consultancy Services:

S.No.	Bidder Name
1	**M/s Rites Limited in Association with Space Engineers & Consortium, Pvt. Ltd.**
2	**M/s Bernard Consultants Private Limited in Association with Aushta Consulting Engineers (India) Private Limited**

2. The List of Key Personal proposed by these bidders is enclosed as Annexure-A. The CVs of these personal if required, may be obtained from the undersigned.

3. All the Wings of MoRTH/ROs/PIUs/NHAI/NHIDCL are requested to intimate:

(i) Whether any of these bidders individually and/or jointly debarred/blacklisted/declared non-performers or any adverse action taken as regard to participating/bidding.

(ii) Whether any adverse/deterrent action has been taken against any of the proposed Key Personnel.

(iii) The requisite information, if any, may be furnished within 07 days. In case of non-receipt of the same, it will be presumed that there is nothing adverse/objectionable against the aforementioned bidders and Key Personnel under consideration.

Enclose: As Above

(Ralceme S)
Executive Engineer
For Chief Engineer Cum Regional Officer

Copy to:

(i) All the Wings of MoRTH/ROs/PIUs/NHAI/NHIDCL by email.
(ii) Infracon Support, support-infracon@gov.in by email.

Annexure-A

1. **M/s Rites Limited in Association with Space Engineers & Consortium, Pvt. Ltd.**

S.No	Key Personnel	Name	Date of Birth
1	Team Leader cum Senior Tunnel Expert	Pankaj Kumar Pathak erpkpathak@gmail.com	08.10.1964
2	Tunnel Design Expert	Rishish Kumar Jha rishish_jha@yahoo.co.in	10.08.1973
3	Senior Geotechnical Engineer	Surender Madan madan_s1964@yahoo.co.in	21.06.1964
4	Senior Geophysicist	Subrata Kunar kunarsubrata@gmail.com	04.01.1961

2. **M/s Bernard Consultants Private Limited in Association with Aushta Consulting Engineers (India) Private Limited**

S.No	Key Personnel	Name	Date of Birth
1	Team Leader cum Senior Tunnel Expert	Saibaba Ankala ankalasaibaba@gmail.com	20.11.1960
2	Tunnel Design Expert	Markus Tuertscher tum.infportal@gmail.com	04.07.1983
3	Senior Geotechnical Engineer	Stefan Dietrich dis.infportal@gmail.com	08.10.1978
4	Senior Geophysicist	Dr Chevva Krishnaiah krishnac26@gmail.com	15.07.1960

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Ministry of Road Transport & Highways
कार्यालय, मुख्य अभियन्ता–क्षेत्रीय अधिकारी
Office of the Chief Engineer-Regional Officer
प्रथमतल, इंस्टियूशन ऑफ इंजीनियर्स (इंडिया), भवन
1st Floor, The Institution of Engineers (India) Building
निकट आई.एस.बी.टी, सहारनपूर रोड/Near ISBT, Saharanpur Road,
देहरादून, उत्तराखण्ड–248002 / Dehradun , Uttarakhand- 248002
दूरभाष/Phone (0135) – 2738657

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No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 **Dated 15.05.2024**

Sub:- Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment- realignment from Chainage 68.600 to 75.00 of NH-107 Sitapur-Sonprayag Gaurikund Section in the State of Uttarakhand.- **Extension of Bid Validity Reg.**

Sir,

This is in reference to tender no. 2023_MoRTH_784810_1 dated 01.02.2024 for the above cited subject.

2. Pursuant to clause 2 of LoI of the RFP, it is requested to extend your bid validity for Further 120 days.

Yours faithfully

(Sumit Rupam Sourav)
Assistant Executive Engineer
For Regional Officer MoRTH Dehradun

To,

I. M/s Bernard Consultants Private Limited in Association with Aushta Consulting Engineers (India) Private Limited. Office No 9, B-5, Ansal Tower-38, Nehru Place,New Delhi-110019 Email: mrigank.shekhar@bernard-ing.com,deepakk.kapil@aushta.com

II. M/s Rites Limited in Association with Space Engineers & Consortium, Pvt. Ltd. Rites Limited Rites Bhawan Plot No 1 Sector 29 Gurgaon Haryana PIN 122001 INDIA Email: bdcellhw@rites.com, Seclsgr77@gmail.com

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Government of India
सड़क परिवहन राजमार्ग मन्त्रालय
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कार्यालय, मुख्य अभियन्ता–क्षेत्रीय अधिकारी
Office of the Chief Engineer-Regional Officer
प्रथमतल, इंस्टियूशन ऑफ इंजीनियर्स (इंडिया), भवन
1st Floor, The Institution of Engineers (India) Building
निकट आई.एस.बी.टी, सहारनपूर रोड/Near ISBT, Saharanpur Road,
देहरादून, उत्तराखण्ड–248002 / Dehradun , Uttarakhand- 248002
दूरभाष / Phone (0135) – 2738657

BHARATMALA
ROAD TO PROSPERITY

LiFE
Lifestyle for Environment
Ministry of Road Transport & Highways

F.No. RO/UK/Annual Plan/2023-24/Rudraprayag/01

Dated 19.06.2024

OFFICE MEMORANDUM

Sub- Evaluation of Technical bids received for the work "Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment- realignment from Chainage 68.600 to 75.00 of NH-107 Sitapur- Sonprayag Gaurikund Section in the State of Uttarakhand."- reg.

Ref: OM No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 dated 02.02.2024

This is in reference to tender invited vide NIT No. **RO/UK/Annual Plan/2023-24/Rudraprayag/01** dated 11.12.2023 (tender no. 2023_MoRTH_784810_1) for the above cited subject. The revised composition of evaluation Committee for the Subject work is as follows:

Sl. No	Composition of Committee	Role
1	The Chief Engineer-Regional officer, MoRTH, Dehradun	Chairman
2	The Chief Engineer (NH), PWD, Uttarakhand	Member
3	The Superintending Engineer, (NH), Circle, PWD, Dehradun, Uttarakhand	Member
5	The Executive Engineer, NH Division, PWD, Rudraprayag, Uttarakhand	Member Secretary

2. In this regard, 2nd Meeting of Evaluation Committee for evaluation of technical bids (having tender no. 2023_MoRTH_784810_1) for the subject work has been scheduled to be held on 20/06/2024 at 03:00 PM at O/o CE-RO, MoRTH, Dehradun.

(Sumit Rupam Sourav)
Assistant Executive Engineer
For Chief Engineer- Regional Officer

To,

1. The Chief Engineer (NH), PWD, Yamuna Colony, Dehradun. (Email: cenhddn@gmail.com)
2. The Superintending Engineer National Highway Circle, PWD, Dehradun, Uttarakhand. (Email: senh10pwd@gmail.com).
3. The Executive Engineer, NH Division, PWD, Rudraprayag, Uttarakhand. (E-mail: eenhrprayag@gmail.com).

सत्यमेव जयते
भारत सरकार
Government of India
सड़क परिवहन राजमार्ग मन्त्रालय
Ministry of Road Transport & Highways
कार्यालय, मुख्य अभियन्ता–क्षेत्रीय अधिकारी
Office of the Chief Engineer-Regional Officer
प्रथमतल, इंस्टिट्यूशन ऑफ इंजीनियर्स (इंडिया), भवन
1st Floor, The Institution of Engineers (India) Building
निकट आई.एस.बी.टी, सहारनपूर रोड/Near ISBT, Saharanpur Road,
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Ministry of Road Transport & Highways

F.No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 **Dated 31.07.2024**

OFFICE MEMORANDUM

Sub- Evaluation of Technical bids received for the work "Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment- realignment from Chainage 68.600 to 75.00 of NH-107 Sitapur- Sonprayag Gaurikund Section in the State of Uttarakhand."- reg.

Ref: OM No. Minutes of meeting dated 02.02.2024

This is in reference to tender invited vide NIT No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 dated 11.12.2023 (tender no. 2023_MoRTH_784810_1) for the above cited subject.

2. In this regard, 2nd Meeting of Evaluation Committee for evaluation of technical bids (having tender no. 2023_MoRTH_784810_1) for the subject work has been scheduled to be held on 31/07/2024 at 05:00 PM at O/o CE-RO, MoRTH, Dehradun.

(Sumit Rupam Sourav)
Assistant Executive Engineer
For Chief Engineer- Regional Officer

To,

1. The Chief Engineer (NH), PWD, Yamuna Colony, Dehradun. (Email: cenhddn@gmail.com)
2. The Superintending Engineer National Highway Circle, PWD, Dehradun, Uttarakhand. (Email: senh10pwd@gmail.com).
3. The Executive Engineer, NH Division, PWD, Rudraprayag, Uttarakhand. (E-mail: eenhrprayag@gmail.com).

भारत सरकार
Government of India
सड़क परिवहन राजमार्ग मन्त्रालय
Ministry of Road Transport & Highways
कार्यालय, मुख्य अभियन्ता–क्षेत्रीय अधिकारी
Office of the Chief Engineer-Regional Officer
प्रथमतल, इंस्टिट्यूशन ऑफ इंजीनियर्स (इंडिया), भवन
1st Floor, The Institution of Engineers (India) Building
निकट आई एस बी टी, सहारनपुर रोड/Near ISBT, Saharanpur Road,
देहरादून, उत्तराखण्ड–248002 / Dehradun, Uttarakhand- 248002
दूरभाष / Phone (0135) – 2738657

BHARATMALA
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Lifestyle for Environment
Ministry of Road Transport & Highways

Date: 22.07.2024

To

RITES LIMITED Association with Space Engineers
& Consortium Pvt. Ltd.
Shikhar, Plot No 1 Sector 29
Gurugram-122001
(Email: bdcellhw@rites.com, info@rites.com, info@seclindia,com)

Sub: Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH- 107 (Sitapur-Sonpryag-Gaurikund Section) in the State of Uttarakhand. (Total Length 17.50km including 2km of Tunnel) in the state of Uttarakhand-Clarification **reg.**

Sir,

This is in reference to tender id- 2023_MoRTH_784810_1 vide which bid for the subject work has been invited. In this regard vide infracon unique team id 2024-699-493_7156 the profile of Subrata Kunar, Senior Geophysicist was perused and it was found that as per submitted certificate year on which essential qualification of graduation degree (B.Sc. passing) obtained is 1987 from Ranchi University. Further, year on which the preferential qualification (M.Tech passing) degree obtained is 1985 from IIT KGP.

2. Further, the document submitted in respect of essential qualification degree is non legible, hence the year of graduation couldn't be ascertained.

3. In view of above, it is requested to kindly submit the clear copy of graduation certificate along with the justification regarding chronology of obtaining the respective degrees.

Yours faithfully

(Sumit Rupam Sourav)
Assistant Executive Engineer
For Chief Engineer Cum Regional Officer

राइट्स लिमिटेड
(भारत सरकार का प्रतिष्ठान)
RITES LIMITED
(Schedule 'A' Enterprise of Govt. of India)

Ref No: RITES/UI/CED/MoRTH/Sonprayag/2024/02
Date: 15-May-24

Chief Engineer-Regional Officer
Ministry of Road Transport & Highways
1st Floor, The Institution of Engineers (India) Building
Near ISBT, Saharanpur Road, Dehradun, Uttarakhand
Email ID: ro.ddn-morth@gov.in & romorthddn@gmail.com

Sub: Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH-107 (Sitapur- Sonprayag-Gaurikund Section) in the State of Uttarakhand."

Ref:

i) Tender Ref. No: RO/UK/Annual Plan/2023-24/Rudraprayag/01 & Tender Id: 2023_MoRTH_784810_1
ii) RITES Bid Submission: Bid id 2954338.
iii) MoRTH Letter no: RO/UK/Annual Plan/2023-24/Rudraprayag/01, Dated 15.05.2024.

Reg: Extension of bid validity - Reg.

Dear Sir,

This is with respect to the letter mentioned at ref (iii) above. In this connection RITES is extending the bid validity by another 120 days i.e., upto 01-09-2024.

Thanking you.

Yours Faithfully

राइट्स लिमिटेड/RITES LIMITED
राइट्स भवन
RITES Bhawan
प्लाट सं.-1/Plot No.1
सैक्टर-29/Sector-29
गुरुग्राम-122001/GURGAON-122001

(RS Dhull)
General Manager
RITES Limited

BERNARD
GRUPPE

No. / Staff:	017 / AhmNi
Project-No.:	PBC80164
Date:	15.05.2024
Letter No.	PBC80027_LET_Bid_Validity_20240515

BERNARD Consultants Pvt. Ltd. • Office 9, B-5, Ansal Tower-38 • 110019 Delhi, India

To,
Chief Engineer Regional Officer
Ministry of Road Transport & Highways
1st Floor, The Institution of Engineers (India)
Building Near ISBT, Saharanpur Road ,
Dehradun, Uttarakhand

Subject: **Consultancy Services for preparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/realignment from Chainage 68.600 to 75.00 of NH-107 (Sitapur Sonprayag–Gaurikund Section) in the State of Uttarakhand.** Regarding Extension of Bid Validity.

Ref: RFP/NIT No. RO/UK/Annual Plan/2023-24/Rudraprayag/01 dated 11.12.2023

Dear Sir,

This is in regard to your E-Mail Dated: 15th May 2024 for extension of bid validity for the subject project 'Submission of the Extension of Bid Validity'. As desired, M/s Bernard Consultants Pvt. Ltd. in Association with M/s Aushta Consulting Engineers (India) Pvt. Ltd. hereby extend the validity of our bids for the above subject assignment for a further period of 120 days i.e. upto 01.06.2024. All other terms and conditions will remain unchanged.

Yours Sincerely

BERNARD Consultants Pvt. Ltd. BERNARD GRUPPE New Delhi

Mr. Mrigank Shekhar
Director
Bernard Consultants Pvt. Ltd.

Comparative statement : Evaluation of Proof of Eligibility

Name of work :-Consultancy Services forpreparation of DPR for upgradation of single lane to 2-lane and tunneling of existing alignment/ realignment from Chainage 68.600 to 75.00 of NH- 107 (Sitapur-Sonpryag–GaurikundSection) in the State of Uttarakhand. (Total Length 17.50km including 2km of Tunnel) in the state of Uttarakhand

		Name of Bidder				M/s Bernard Consultant Private Limited (Subsdiary of Bernard Gruppe) Association with M/S Aushta Consulting Engineers private Ltd.				M/s Rites Limited in Association with Space Engineers & Consotium, Private Limited			
S.No.	Reference Clause	PARTICULAR	Min. Criteria for qualification			Documents	Responsive/ Non	Page no		Documents	Responsive/ Non	Page no	
STAGE- I PROOF OF ELIGIBILITY						STAGE-I PROOF OF ELIGIBILITY				STAGE-I PROOF OF ELIGIBILITY			
1	3.1.1 (i)	Forwarding letter for Proof of Eligiblity	In the form E1			Submitted	Responsive	Pg 3 Part-I		Submitted	Responsive	Pg 331	
2	3.1.1 (iv)	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 .	Responsive	Pg 422 of Patr-I		Receipt of receiving of 5900 Rs in BHARATKOSH portal is submitted .	Responsive	Pg 46	
3	3.1.1 (ii)	Firm's relevant experience and performance for the last 7 years	As per Form-E2/T3			Submitted	Responsive	Pg 94-154 of Patr-I		Submitted	Responsive	Pg 334-360	
	Data Sheet Clause12 .1	Prepared DPR preparation of Detailed Project Report of at least 5 meter diameter Two/four/six lane Road/ Rail/ Metro / irrigation/ hydro- electric project tunnels of aggregate length equal to the indicative (Indicative Length= 2.5.0 km of tunnel) length of the package.	In case of sole	100%	2.50	page 111,112	Responsive	Pg 94-154 of Patr-I		page 338,342-343,347,351-352,356 (Infracon sl no 4,18,38)	Responsive	Pg 334-360	
			In case of JV DPR/FS projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be	Lead in JV 75%	1.88								
				Other partner in JV 50%	1.25								
	Data Sheet Clause12 .1	Firm should have also prepared DPR for at least one project of 5 meter diameter (min.)two/four/six lane Road / Rail / Metro/irrigation / hydro-electric project tunnel of minimum 40% of the indicative length of the package (2.5km km of tunnel) OR feasibility for at least one project of 5 meter diameter (min.) Road / Rail/ Metro/ irrigation / hydro-electric project tunnel of minimum 60% of the indicative length of the package (2.5 km of tunnel). The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered unless	In case of sole (DPR)	40%	1	page 111,112	Responsive	Pg 94-154 of Patr-I		page 338,342-343,347,351-352,356	Responsive	Pg 334-360	
			In case of sole (Feasibility)	60%	1.5	page 111,112				page 338,342-343,347,351-352,356			
			In case of JV(DPR) DPR/FS/ projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be given.	Lead in JV 75%	0.75								
				Other Partner in JV 50%	0.5								
			In case of JV(Feasibility) DPR/FS/ projects as a partner in a JV, weightage shall be given as per its share in JV. If the applicant firm/member of JV have prepared the DPR/FS/ projects as an associate, 25% weightage shall be given	Lead in JV 75%	1.13								
				Other Partner in JV 50%	0.750								
4	3.1.1 (iii) & Data Sheet Clause12 .1	Annual average turnover for last 5 years of the firm should be equal to or more than Rs.5.00 Crores. (Updated to the factor as per clause 1.3.2 of LOI)	In Form Form T3-A of Appendix-III along with certificates duly signed by the Engineer-in-Charge, not below the rank of Executive Engineer or equivalent OR the fees received statement certified by CA can also be submitted as a certificate for ongoing works. Atabular statement as in Form E3 showing the turnover of the applicant firm(s) for the last five years beginning with the last financial year certified by the Chartered Account along with certified copies of the audit reports shall be submitted in support of the turnover			Submitted				Submitted			
						18-19 / 19-20 / 20-21 / 21-22 / 22-23 / Avg	Responsive	Pg 173-362 of Part-I		18-19 / 19-20 / 20-21 / 21-22 / 22-23 / Avg	Responsive	Pg 359-389	
			For Solo (in Rs. Cr)		5	144.92 / 161.55 / 186.49 / 234.95 / 252.17 / 212.74				2164.17 / 2665.05 / 1947.55 / 2661.16 / 2638.78 / 2415.32			
			In case of JV(in Rs. Cr)	Lead in JV 75%	3.75								
				Other Partner in JV 50%	2.5								
5	1.8.1 (ii) 3.1.1(vi)	Power of Attorney	On a stamp paper of Rs.100 and duly notarized (Name of Authorized Signatory)			In the name of Mr.Mrigank Shekhar ,Director unitNo. 9 B-5 ,Ansal Tower -38 ,Nehru Place Delhi 1100169 on a stamp paper of Rs. 100	Responsive	Pg 10 of Part-I		In the name of Mr.Ranvir Singh Dhull, General Manager RECD ,Rites Ltd	Responsive	Pg 7-20	

6	1.8.2 (ii)	Joint Venture	Digitally Signed Memorandum of Understanding (MOU) on a stamp paper of Rs.100, signed by all firms of the joint venture/ Association as detailed at para 1.8.2. In case of a Joint Venture, the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding(MOU) on a stamp paper of Rs.100, signed by all firms to the joint venture confirming the following therein:		Submitted letter of Association,	Responsive	Pg 406-409 of Part-I	Submitted letter of Association,	Responsive	Pg 21	
7		Rule 144(xi) of GFR	Self-Certification as per Form E4 In case of procurement for a value in excess of Rs. 10 Crores, the 'Class-I Local Supplier'/ 'Class-II Local Supplier', shall have to provide a Certificate from Statutory Auditor or Cost Auditor of the Company or from a practicing Cost Accountant or practicing Chartered Accountant giving the percentage of Local Content. 'Class-I Local Supplier'/ 'Class-II Local Supplier' are as defined in the ORDER No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 of Ministry of Commerce and Industry, Govt. of India and its subsequent amendments. .		Submitted	Responsive	Pg 323-325 of part -I I	Submitted	Responsive	Pg 936-940	
		Responsive/ Non Responsive (Technical Proposals of Consultants which are qualifying in Stage-I shall be opened and evaluated further)			Responsive			Responsive		
		STAGE II- TECHNICAL EVALUATION (RESPONSIVENESS)								
The technical proposal should score at least 75 marks out of 100 to be considered for financial evaluation. The CV of the proposed Team Leader should score at least 75 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals and shall not be considered for opening of Financial Proposals.										
1	3.2.3(i)	Forwarding Letter for Technical Proposal	In form T1		Submitted	Responsive	Pg 2 of part-II	Submitted	Responsive	Pg 392
2	3.2.3(ii)	Details of projects for which Technical and Financial Proposals have been submitted by the Consultant with a particular Team	In form T2		Submitted	Responsive	Pg 4-5 of part-II	Submitted with Different name of work	Responsive	Pg 393-394
3	3.2.3(iii)	Firm's references - Relevant Services carried out in the last seven years as per Form- E2/T-3. This information submitted as part of Proof of Eligibility	Form E2/T3		Submitted	Responsive	Pg 1-422 of Patr-I	Submitted	Responsive	Pg 301-390
4	3.2.3(iv)	Site Appreciation: limited to four A4 size pages in 1.5 space and 12 font including photographs	Form T4		Submitted old site photographs.some photograph mitsmatch	Responsive	Pg11-20 of Part-II	Submitted site photographs.mitsmatch	Responsive	Pg 433-437
5	3.2.3 (v)	The composition of the proposed Team and Task Assignment to individual personnel: Maximum three pages	Form-T-5		Submitted	Responsive	Pg 22-25 of Part-II	Submitted	Responsive	Pg 439
6	3.2.3(vi)	Proposed methodology for the execution of the services illustrated with bar charts of activities, including any change proposed in the methodology of services indicated in the TOR, and procedure for quality assurance: The proposed methodology should be accompanied by the consultants initial view, key challenges they foresee and potential solutions suggested regarding: a) proposed alignment and bypass required, b) land acquisition requirements, c)access control, rehabilitation of existing road, drainage and utilities, d) adoption of superior technology along with proof : limited to six A4 size pages in 1.5 space and 12 font including photographs,	For (a) to (c) Form-T-6 and for item (d) information in Form-T-8		Submitted	Responsive	Pg 27-49 of Part-II	Submitted	Responsive	Pg 440-446
7	3.2.3(vii)	Details of Material Testing lab facilities to be used fo	Form-T-7	In-house lab facilities up to a distance of maximum 400 km from the project site would be accepted.	Submitted. .	Responsive	Pg 53-96 of Part-II	Submitted. .	Responsive	Pg 447-483
8	3.2.3(viii)	Proposed Quality Audit Methodology including Quality Assurance Plan	Form T-8		Submitted.	Responsive	Pg 27-49 of Part-II	Submitted.	Responsive	Pg 483-604
8	3.2.3(ix)	Details of office equipment and software owned by the firm	Form-T9		Submitted.	Responsive	Pg 99-103 Part-II	Submitted.	Responsive	Pg 605-683
9	3.2.3(x)	CVs of following 4 (four) Key Personnels i) Team Leader cum Senior Tunnel Expert, ii) Tunnel Design Expert, iii) Senior Geo-Physicist & iv) Senior Geotechnical Engineer The CV of the all Key Personnels who is proposed to be engaged at any stage of the consultancy should score at least 75 % marks	Form–T-10		Submitted	Responsive	Pg 105-321 Part-II	Submitted	Responsive	Pg 685-935
10	3.2.3(xii)	Certificate Lacal content	Form T-12		Submitted	Responsive	Pg 325 Part-II	Not Submitted	Responsive	

1	Data Sheet 12.2 A	**Firm's relevant experience in last 7 years for DPR work**	40			No. Given		Self Evaluation		No. Given		Self Evaluation
1.1		**Specific experience of the DPR consultancy related to the assignment**	15					15				15
		Aggregate Length of DPR / Feasibility study of 2/4/6 lane road/rail/metro/irrigation/hyroelectric tunneling projects (diameter atleast 5m)	8									
1.1.1		More than the indicative Length(2.5 km of tunnel) of the package applied for		6			Pg 111,112 of Part-I				Pg 397,403-404,408 Infracon sl no 4,18,38,137	
1.1.2		More than 2 times the indicative length(2.5 km of tunnel) of the package applied for.		7	1.265+3.161+6.905=11.331	8		8	7.647+6.101+1.55+.32=15.627	8		8
1.1.3		More than 3 times the indicative length(2.5 km of tunnel) of the package applied for		8								
1.2		DPR for 2/4/6 lane tunnel of Road/ Rail/ Metro / irrigation/ hydro- electric Tunnelling projects each equal to or more than 40 % of indicative length (2.5 km of tunnel) of a package applied for (or) Feasibility Study for 2/4/6 lane Road/Rail/Metro Tunnelling projects each equal to or more than 60 % of indicative length (7 km) of tunnel) of a package applied for. (Tunnel of at least 5 meter diameter only to be considered)	7				Pg 94-154 of Part-I				Pg 397,403-404,408	
1.2.1		1 project		5								
1.2.2		2 projects		6	More Than Three Projects	7		7	More Than Three Projects	7		7
1.2.3		≥ 3 projects		7								
2		**DPR of Bridge having length more then 200mtr**	5									
2.1		1 project		1								
2.2		2 projects		2								
2.3		3 projects		3	4 Projects	4	Pg 156,161,166 of Part-I	5	more 5 Projects	5	Pg 421-433	5
2.5		4 projects		4								
2.5		5 projects or more		5								
3		**Specific experience of Firm in terms of Turnover**	5									
3.1		Firm Average turnover of last 5 years >50 crore		5	more than 5 Cr.	5		5	more than 50 Cr.	5		5
3.2		Firm Average turnover of last 5 years 20-50 crore		4.5								
3.3		Firm Average turnover of last 5 years >5 but <20 crore		4			Pg 173-362 of Part-I				Pg 360-390	
4		**DPR of Special category projects (special bridges.tunnels or expressways whichever applicable).It is noted that either 4.1 or 4.2 shall be applicable,and not both**	5									
4.1		DPR of number of 2/4/6 lane package applied for (or feasibility study for 2/4/6 laning road/metro/rail/irrigation/hydro-electric tunnelling projects (Tunnel of at least 5 meter diameter only to be considered)										
4.1.1		1 project		1								
4.1.2		2 projects		2			Pg 94-154 of Part-I				Pg 397-420	
4.1.3		3 projects		3								
4.1.4		4 projects		4								
4.1.5		5 projects or more		5	more than 5 project	5		5	more than 5 project	5		5
5		**Highway professionals working with firm**	10									
5.1		<10 nos.		0								
5.2		10-20 nos		8			Pg 65-66 of Part-I				Pg 133-137 ,333	
5.3		>20-30 nos.		9		9						
5.4		>30 nos.		10	more than 21			10	more than 30	10		10
		Total	40			38		40		40		40
B												
B	Data Sheet 12.2 B.	**Material testing, survey & investigation, equipment and software proposed to be used**	20									
1		**Availability of Material Testing Facilities with persons/resources having operational skills of the equipment**	3									
1.1		Owned* (Available In House)		3	Sumitted	3	Pg 51 of Part-II		Sumitted	3	Pg 448-483	
1.2		Outsourced (Hire basis)		3				3				3

* Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipment's required for testing of materials to be used for construction of Highway and Tunnel Project.												
2	Data Sheet 12.2 B.1	**Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment**	2									
2.1		Owned* (Available In House)		2	Sumitted	2	Pg 53-97 Part-II		Sumitted	2	Pg 484-551	
2.2		Outsourced (Hire basis)		2				2				2
** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway and Tunnel Project.												
3	Data Sheet 12.2 B.1	Availability of Office Equipment and Software with persons/resources having operational skills of the equipment	3									
3.1		Owned*** (Available In House)		3	Sumitted	3	Pg 99-103Part-II		Sumitted	3	Pg 606-684	
3.2		Outsourced (Hire basis)		3				3				3
*** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway and Tunnel consultancy assignment.												
4	Data Sheet 12.2 B.1	**Experience in LiDAR or better technology for topographic survey (Infrastructure sector)**	5								page 555-556,557,561, 566-567,568,571-572,581-582	
4.1		1 project		1	Submitted more than 5 project		page 80,83,86,88,90,92 Part-II		Submitted more than 5 project			
4.2		2 projects		2								
4.3		3 projects		3								
4.4		4 projects		4								
4.5		≥ 5 projects		5		5		5		5		5
5		**Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector)**	4									
4.5.1		1 project		1	Submitted more than 4 project	4	page 80,83,86,90,92 Part-II		Submitted more than 4 project	4	page 555-556,,568,571-572,581-582	
4.5.2		2 projects		2								
4.5.3		3 projects		3				4				4
4.5.4		≥ 4 projects		4								
6		**Experience in digitization of cadastral maps for land surveys**	3									
6.1		Area upto 100 ha		1	Submitted more than 500ha.	3	page 83,90,92 Part-II		Submitted more than 500ha.	3	page 555-556,569	
6.2		Area between 100-500 ha		2				3				3
6.3		Area > 500 ha		3								
Total			**20**			**20**		**20**		**20**		**20**
The experience of firm/associate in Lidar or equivalent technology, GPR and Induction Locator or equivalent technologies and Experience in digitization of cadastral maps for land acquisition shall be supported by experience certificate. The experience of a firm/ associate in Lidar or equivalent technology, GPR and Induction Locator or equivalent technologies and Experience in Digitization of cadastral maps for land acquisition for a private concessionaire/ contractor (client) shall be considered on self-certification along with the client certificate of Government agencies not below the rank of EE/PD/GM or eqivalant officer. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.9.1(g) ofGCC												
(i) The Consultants owning the equipment shall be required to submit proof of ownership. (ii) The experience of firm/associate 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 for a private concessionaire/ contractor (client) shall be considered on self-certification along with the client certificate of Government agencies not below the rank of EE/PD/GM or eqivalant officer. Any false certification shall attract provisions of Clause 1.8, Section -2 (letter of Invitation) read with Clause 2.9.1(g) ofGCC												
	Data Sheet 12.2 C.3	Qualification and relevant experience of the proposed key personnel	40									
	Data Sheet 12.2 C.3	**Team Leader cum Senior Tunnel Expert**	12		CV Enclosed			11.70	CV Enclosed			11.40

		Name of Expert			Sh. Saibaba Ankala				Sh. Pankaj Kumar Pathak			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		63		Pg 154 of Part-II		60		Pg 726	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 161-162 of Part-II		Submitted		Pg 778	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		Pg 154 of Part-II		Submitted		Pg 686-689	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA				NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		No				No			
	2.4.13	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25									
	1(i)	Degree in Civil Engineering/Tunnel Engineering / Mining Engineering		20	Submitted	20	Pg 156 of Part-II	20	Submitted	20	Pg 724	20
	ii	Post Graduation in Civil Engineering /Tunnel Engineering/ Mining Engineering		5	submitted	5	Pg 155 of Part-II	5	Not submitted	0		0
	II	Relevant Experience & Adequacy for the Project	65									
	a	**Total Professional Experience (Min. 20 years)**	**10**									
		<20 years		0	From 1989 to ongoing	10	Pg 107-109 of Part-II		From 1988 to ongoing	10	Pg 687-688	
		20-25 years		8				10				10
		>25-28 years		9								
		>28 years		10								
	b	**Experience in Tunneling Works**	**40**									
		(i) Profession experience of min 12 years in handling major tunnel projects (Road/Rail/Metro)	8									
		<12 years		0	more than 15 year	8	Pg 110-151,159-163 of Part-II		more than 15 year	8	Pg 687-688 sl. No.4,5,6,7,8, 9,10,11,12,13 ,14,15,16,18	
		12-14 years		6				8				8
		>14-15 years		7								
		>15 years		8								
		(ii) Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)	8									
		<10 years		0	more than 12 year	8	Pg 110-151,159-163 of Part-II		more than 12 year	8	Pg 687-688 sl. No.5,6,8,9,10 ,12,13	
		>=10 – 12 years		7				8				8
		>12 years		8								
		(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8									

		<10 years		0	8 Years	0	Pg 110-151,159-163 of Part-II Infracon sl no-7,11,14,15,16,17,18		11 Years	7	Pg 687-688 sl. No.7,11,14,15, 16,18	
		>=10 – 12 years		7				8				8
		>12 years		8								
		(iv) Experience in DPR preparation of minimum 5 km Tunnel length	8									
		<3 projects		0	More than 3 Project .	8	Pg 110-151,159-163 of Part-II		More than 3 Project .	8	Pg 687-688 sl. No. 14,15,16,18	
		3 or more projects		8				8				8
		(v) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	**8**								Pg 687-688 sl. No.7,10,11,14,15,16,18	
		< 10 years		0	From 1989 more than 12 year	8	Pg 110-151,159-163 of Part-II		more than 12 year	8		
		>=10 – 12 years		7				8				8
		> 12 years		8								
	c	**Experience in Similar Capacity**	**15**									
		(i) Experience as Team Leader or similar capacity in major tunnel construction/construction	7									
		2 projects		5	More than 5 Project .	7	Pg 110-151,159-163 of Part-II		0 Projects	0		
		=3 to 5 projects		6				7				7
		> 5 or more projects		7								
		(ii) Experience as Team Leader or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8									
		2 projects		6	More than 5 Project .	8	Pg 110-151,159-163 of Part-II		0 Projects	0		
		=3 to 5 projects		7				8				8
		> 5 or more projects		8								
		Employment with Firm	10									
		<1 year *		0	Not submitted	0	Pg 498 - 500 of Part-II		submitted	10		
		1-2 year		7.5				7.5				10
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks										
		Total Team Leader cum Senior Tunnel Expert Out of 100	100			82		97.5		79		95
		Total Team Leader cum Senior Tunnel Expert Out of 12 should score at least 75 % marks otherwise the entire proposal shall be considered to have failed in the evaluation of Technical Proposals	12			**9.84**		**11.70**		**9.48**		**11.40**
	Data Sheet 12.2 C.3	**Tunnel Design Expert**	**10**		**CV Enclosed**		Pg 206-214 of Part-II		**CV Enclosed**		Pg 781-784	
		Name of Expert			**Sh. Turgay Turker**				**Sh. Rishish Kumar Jha**			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		41Years		Pg 206 of Part-II		51 Years		Pg 788	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 204 of Part-II		Submitted		Pg 837	

	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		Pg 165-166 of Part-II		Submitted		Pg 781-784	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/ research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		Not Applicable				Not Applicable			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		No		-		No		-	
	Appendix V (2-(C1.14))	**General Qualification** **If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.**	**25**									
I	i	Degree in Civil/ Mining Engineering		20	Submitted	0	profile was perused under unique team id 2024-699-38421_5399. It was observed that proof of essential qualification as per TOR, Enclosure-II of RFP i.e. degree in civil/mining engineering has not been found. Therefore, zero marks has been assigned to the CV as per Section 2 LOI clause 3.2.4 para ii of RFP.	25	Submitted	20	Pg 787	25
	ii	Post Graduation in Design/Structural Engineering or equivalent		5	Submitted	0	Pg 396 of Part-II		Submitted	0	Pg 785	
	II	Relevant Experience & Adequacy for the Project	65	0								
	a	Total Professional Experience	10									
		<15 years		0	From 2006 to ongoing 18 year				From 1997 to ongoing more than 25 year	10	Pg 782-784 Sl. No. 1 to 18	
		15-20 years		8				10				10
		>20-25 years		9								
		> 25 years		10								
	b	Experience in Tunneling Projects	24									
		(i) Profession experience in handling major tunnel projects (Road/Rail/Metro)	8									
		< 10 years		0	10.4 Year				More than 14 years	8	Pg 782-784 Sl. No. 4,7,8,10,11,12,13,14,15,16,18	
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				8
		(ii) Experience of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8									
		< 10 years		0	8.8 Years				>14 years	8	Pg 782-784 Sl. No. 7(146 months),16(24 months)	
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				7
		(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8									
		< 10 years		0	4.5 Years				Time period for project at infracon sl no 8,10,12 is overlapping with project at infracon sl no 7	0		
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				8
	c	Experience in Similar Capacity	31	0								
		(i) Professional Experience as Tunnel Design Engineer (Structural)	8									
		< 8 years		0	1.4 Year				>12 years	8	Pg 782-784 Sl. No. 7(146 months),	
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8

		(ii) Experience as Tunnel Design Engineer (Structural) of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8									
		< 8 years		0	2.5 Years				>12 years	8	Pg 782-784 Sl. No. 7(146 months)	
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8
		iii) Experience as Tunnel Design Engineer (Structural) of major tunnel for preparation of DPR projects (Road/Rail/Metro)	8									
		< 8 years		0	4 Years				Time period for project at infracon sl no 8,10,12 is overlapping with project at infracon sl no 7	0		
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8
		(iv) Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro) using NATM	7									
		<3 projects		0	1 Project				Time period for project at infracon sl no 8,10,12 is overlapping with project at infracon sl no 7	0	Pg 782-784 Sl. No. 8,10,12	
		>=3 -5 projects		6								
		5 or more projects		7				7				6
		Employment with Firm	10									
		<1 year		0	more then 12 year					0		
		1-2 year		7.5				10				0
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks										
		Total Tunnel Design Expert out of 100	100			0		100		62		88
		Total Tunnel Design Expert out of 10	10			0.00		10.00		**6.20**		**8.80**
	Data Sheet 12.2 C.3	**Senior Geotechnical Engineer**	**10**		CV enclosed		page 233-234		CV enclosed		page 840-842	
		Name of Expert			**Mr. Stefen Dietrich**			**Surender Madan**				
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		47 year		Pg 253 of Part-II		60 year		Pg 843	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 251 of Part-II		Submitted		Pg 882	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		page 233-234		Submitted		page 840-842	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational/research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA				NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		NO				NO			

	Appendix V (2-(C1.15))	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25									
		Degree in Civil Engineering/Mining Engineering / Engineering Geology		20	Submitted	0	profile was perused under unique team id 2024-699-38421_5399. It was observed that proof of essential qualification as per TOR, Enclosure-II of RFP i.e. degree in civil/mining engineering/Engineering Geology has not been found. Therefore, zero marks has been assigned to the CV as per Section 2 LOI clause 3.2.4 para ii of RFP.	20	Submitted(IEI1989)	20	Pg 844	20
		Post Graduation in Geotechnical Engineering /Foundation Engineering/Rock Mechanics/Geo science or equivalent		5	Submitted	0		5	Not Submitted	0		0
		Relevant Experience & Adequacy for the Project	65									
		Total Professional Experience (Min. 15 years)	10									
		<15 years		0	From 2006 to ongoing 18 year				From 1990 to ongoing	10	page 840-842 Sl. No. 1 to 18	
		15-20 years		8								
		>20-25 years		9								
		> 25 years		10				10				10
		Experience in Tunneling Works	24									
		(i) Profession experience in handling major tunnel projects (Road/Rail/Metro)	8									
		< 10 years		0	More than 14 years				More than 14 years	8	page 840-842 Sl. No. 4,6,7,8,10,11, 12,15	
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				8
		(ii) Experience of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8									
		< 10 years		0	More than 14 years				More than 14 years	8	page 840-842 Sl. No. 4,6,7,8,10,11, 12,15	
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				8
		(iii) Experience inpreparation of DPR or Feasibility report of major tunnel projects(Road/Rail/Metro)	8									
		< 10 years		0	More than 12years				More than 14 years	8	page 840-842 Sl. No. 1,7,13,14,16, 17,18	
		>=10 – 12 years		6								
		> 12 -14years		7								
		> 14 years		8				8				8
		Experience in Similar Capacity	31									
		(i) Professional Experience as Senior Geotechnical Engineer	8									
		< 8 years		0	More than 12years				More than 12 years	8	page 840-842 Sl. No. 4,5,6,7,8,10,1 2,15	
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8
		(ii) Experience as Senior Geotech. Engineer or similar capacity in major tunnel construction/ construction supervision projects (Road /Rail /Metro)	8									
		< 8 years		0	More than 12years				More than 12 years	8	page 840-842 Sl. No. 7,8,10,11,12, 14,	
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8

		(iii) Experience as Senior Geotechnical Engineer or similar capacity inpreparation of DPR or Feasibility report of major tunnel projects(Road/Rail/Metro)	8									
		< 8 years		0	More than 12years				More than 12 Years	8	page 840-842 Sl. No. 1,7,13,14,16, 17,18	
		>=8 – 10 years		6								
		> 10 -12 years		7								
		> 12 years		8				8				8
		(iv) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	7									
		< 8 years		0	More than 12years				More than 12 years	7	page 840-842 Sl. No. 1,4,5,6,8,10,11,13,14,16,17,18	
		>=8 – 10 years		6								
		> 10 -12 years		7				7				7
		Employment with Firm	10									
		<1 year		0	more then 13 year Submitted				Submitted	10		
		1-2 year		7.5				10				10
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks										
		TOTAL Senior Geotechnical Engineer out of 100	**100**			0		100		**95**		**95**
		TOTAL Senior Geotechnical Engineer out of 10	**10**			0.00		10.00		**9.50**		**9.50**
	Data Sheet 12.2 C.3	**Senior Geophysicist**	**8**		CV enclosed		Pg 277-280 of Part-II		CV enclosed		Pg 885-888	
		Name of Expert			**Mr. Chevva Krishnaiah**				**Sh. Subrata Kumar**			
	3.2.4 (v)	Age with proof limit	65 years as on the Date of Bid Submision		64 years		Pg 312 of Part-II		63 years		Pg 891	
	3.2.4(vi)	undertaking from the key personnel	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 ontheproject. 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 310 of Part-II		Submitted		Pg 934	
	3.2.4 (ix)	Photo, contact address and phone/mobile number of key personnel			Submitted		Pg 277-280 of Part-II		Submitted		Pg 885-888	
	3.2.4 (xii)	No Objection Certificate	In case a firm is proposing key personnel from educational /research institutions, a 'No Objection Certificate' from the concerned institution should be enclosed with the CV of the proposed key personnel committinghis services for the instant project		NA				NA			
	3.2.4 (iii)	Same CV Submited by two or more firms	If same CV is submitted by two or more firms, zero marks shall be given for such CV for all the firms.		No				No			
	Appendix V (2-(C1.16))	General Qualification If does not possess the minimum (essential) educational qualification as given at enclosure-II of TOR, Zero marks shallbe assigned to such CV and such CV shall not be evaluated further.	25									

	Graduate in Geophysics/Geo science/ Earth science or equivalent		20	Submitted Subject P.C.M	20	Pg 316of Part-II	20	Submitted year 1981	20	Pg 889	20
	Post Graduation in Geophysics/Geo science/ Earth Scienceor equivalent		5	Submitted	5	Pg 315of Part-II	5	Submitted year 1985	5	Pg 890	5
	Relevant Experience & Adequacy for the Project	65	0								
	Total Professional Experience	15									
	<15 years		0	More than 25 years	15	Pg 317-321 of Part-II		More than 25 years	15	Pg 885-888 Sl. No. 1 to 26	
	15-20 years		10								
	>20-25 years		13								
	> 25 years		15				15				15
	Experience in Tunneling Works	50									
	(i) Professional Experience in handling tunnel/ mineral and oil exploration projects	12									
	< 10 years		0	More than 14 years	12	Pg 277-309 of Part-II		More than 14 years	12	Pg 885-888 Sl. No. 3 to 26	
	>=10 – 12 years		9								
	> 12 -14years		11								
	> 14 years		12				12				12
	(ii) Experience of carrying out AEM Survey for tunneling/ mineral and oil exploration or any other similar work for area of more than 2.7 sq km	12									
	< 2 projects		0	Not Submitted	0	Pg 277-309 of Part-II		4 Projects	12	Pg 885-888 pg. no. 902,921, 928 Infracon sl no 6,18,23,25	
	2 projects		9								
	3 projects		11								
	4 or more projects		12				11				12
	(iii) Processing, Interpreting, generating 3D resistivity model of AEM survey's raw data for tunneling/ mineral and oil exploration or any other similar work for area of more than 2.7 sq km	12									
	< 2 projects		0	Not Submitted	0	Pg 277-309 of Part-II		3 Projects	11	Pg 885-888 pg. no. 921, 928 Infracon sl no 18,23,25	
	2 projects		9								
	3 projects		11								
	4 or more projects		12				11				12
	(iv) Experience in carrying out AEM survey, processing, interpreting, generating 3D resistivity ofGeophysical survey's raw data for major tunnel work (Rail/Road/Metro)	14									
	<3 projects		0	Not Submitted	0			3 Projects	9	Pg 885-888 pg. no. 921, 928 Infracon sl 18,23,25	
	3 projects		9								
	4 projects		12								
	5 or more projects		14				0				14
	Employment with Firm	10									

		<1 year		0	Not Submitted	0			Sumitted	10	pg. 892	
		1-2 year		7.5				0				10
		Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks										
		Total Senior Geophysicist out of 100	100	0		52		74		94		100
		Total Senior Geophysicist out of 8	8	0		4.16		5.92		7.52		8
	Qualification and Relevant experience of the proposed key personnel		40.00			14.00		37.62		32.70		37.70

Summary Second stage technical evaluation

Sr. No.	Description	Points		Total Score		As per Self Evaluation of bidder		Total Score		As per Self Evaluation of bidder
1	Firm's relevant experience in last 7 years for DPR work	40.00		38.00		40.00		40.00		40.00
2	Material testing, survey & investigation, equipment and software proposed to be used for DPR work	20.00		20.00		20.00		20.00		20.00
3	Qualification and Relevant experience of the proposed key personnel	40.00		14.00		37.62		32.70		37.70
	TOTAL	100.00		72.00		97.62		92.70		97.70
				Not eligible as per clause 5.2 of LOI						

Member Secretary
Executive Engineer
NH PWD, Rudraprayag

Member
Superintending Engineer
PWD, Dehradun

Member
Chief Engineer
PWD, Dehradun

Chairman
Chief Engineer
RO, MoRTH Dehradun