09.09.2021

Tender Id: 2021 \_ NHIDC\_642741\_1

Sub: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of 8.5 Km. Highway Tunnel and approaches at Pir Ki Gali Pass From Km.31.100 to Km.49.300 on Mughal road connecting Shopian with Bafliaz in Poonch District road in the Union Territory of Jammu & Kashmir-reg.

## **Amendment No-II**

S.	Clause &	As per RFP	Amendments/ Modifications
N.	Description		
1.	Para 12.1 First stage evaluation – eligibility requirement. (Table-1: Minimum Eligibility Requirements )Amendment-I	Note: The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered.  If the applicant firm has / have prepared the DPR/FS projects solely on its own, 100% weightage shall be given. If the applicant firm has prepared the DPR/FS projects as a lead partner in a JV, 75% weightage shall be given. If the applicant firm have prepared the DPR projects as the other partner (not lead partner) in a JV, 25% weightage shall be given	Note: The experience of a firm in preparation of DPR for a private concessionaire/contractor shall not be considered
2.	Appendix-V DETAILED EVALUATION CRITERIA 1.1 Eligibility criteria for sole applicant firm.	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package (8.5 km). Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum length of 4 Km or feasibility study of Road/Rail/Metro tunnels of minimum length of 6 Km.	A Firm applying should have Experience of preparation of Detailed Project Report for Road/Rail/Metro tunnels of aggregate length equal to the indicative length of the package (8.5 km). Firm should have also prepared DPR for atleast one project of Road/ Rail/Metro tunnel of minimum length of 3.4 Km or feasibility study of Road/Rail/Metro tunnels of minimum length of 5.1 Km.
3.	Appendix-V DETAILED EVALUATION CRITERIA 1.2 Eligibility criteria for Lead Partner/Other Partner in case of JV.	In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. 12.1 (A) of Table-1 and the other partner shall fulfil at least 50% of eligibility requirement under Sr. No. 12.1 (A) of Table-1 or 100% of eligibility requirement under Sr. No. 12.1 (B) or 12.1 (C) of Table-1. Combinedly the JV must satisfy 100% of eligibility requirements under Sr. No. 12.1 (A) of Table-1.	In case of JV, the Lead Partner should fulfil at least 75% of eligibility requirements under Sr. No. 12.1 (A) of Table-1 and the other partner shall fulfill at least 50% of eligibility requirement under Sr. No. 12.1 (A) of Table-1 Combined the JV must satisfy 100% of eligibility requirements under Sr. No. 12.1 (A) of Table-1.



4.	Appendix-V	0. 11	Describition	May Dalata	Sub-	
	DETAILED	Sr No	Description	Max Points	Points	
	EVALUATION	1	Specific experience			
	CRITERIA		of the DPR	45		
	2. Second Stage		consultancy related	15		
	Evaluation-		to the assignment for eligibility			
	Technical	1.1	Aggregate Length of			
	Evaluation		DPR / Feasibility			
	(Para12.2 of Data		study of	8		· ·
	Sheet)		Road/Rail/Metro			
	2.1 Firm's Relevant		Tunnel projects			
	Experience	1.1.1	More than the		0	
			indicative Length of		6	
		1.1.2	the package  More than 1.5 times			
		1.1.2	the indicative length of		7	
			the package		*	
		1.1.3	More than 2 times the			
			indicative length of the		8	
			package			
		1.2	DPR for Road/Rail/Metro	Tunnel projects each 0 % of indicative tunnel		As per amendment -1
			length (or Feasibility Stu	dy each equal to or more	7	
			than 60 % of indicative tur	nnel length)		
		1.2.1	1 project		5	
		1.2.2	2 projects		6	
		1.2.3	3 projects or more		7	
		2	Specific experience of firms in terms of	5		
			turnover	5		
		2.1	Firm's Average			
			Turnover of last 5		5	
			years >= 50 crore			
		2.2	Firm Average			
			Turnover of last 5		4.5	
			years > = 20 crore but < 50 crore			
		2.3	Firm Average			
		2.3	Turnover of last 5		4	
			years < 20 crore		2	
		3	DPR for Road/ Rail/			
			Metro Tunnel projects	10		
			in Hills or at an elevation of more than 1000 m			
			of more than 1000 m			



		3.1	1 project		6	T			
		3.2	2 projects		8				
		3.3	3 or more projects		10				
		4	Carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained  OR  Directional Coring for investigating preparing record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200M of more from ground surface	10					
			1 Tunnel/Project		6				
			2 Tunnels/Project s		8				
			3 Tunnels//Projects or more		10				
5.	2.4.	2.4.1 TEA	M LEADER cum SENIO	R TUNNEL EXPERT				1 TEAM LEADER cum SENIOR TUNNEL EXPERT	
	Qualification and Competence of	S. No.	Descrip	otion	Max. Points		S. No.	Description	Max. Points
	the Key Staff for	I Gene	ral Qualification		25			General Qualification	25
	adequacy of the Assignment.	Degre i) Engin	ee in Civil Engineering/Tunr eering	nel Engineering / Mining	20		i)	Degree in Civil Engineering/Tunnel Engineering / Mining Engineering	20
	(Para 12.2 of Data	Post	Graduation in Civil Enginee eering/Mining Engineering	ring /Tunnel	5			Post Graduation in Civil Engineering /Tunnel Engineering/Mining Engineering	5
	Sheet and	-	ant Experience & Adequa	acy for the Project	70			Relevant Experience & Adequacy for the Project	65
	Enclosure II of TOR)		Professional Experience		10	1	-	Total Professional Experience	10
	IUK)	<20 y		0		1	-/	<20 years 0	
			years	8		1		20-25 years 8	
			28 years	9		11		>25-28 years 9	
		>28 y		10		1		>28 years 10	
			rience in Tunnel Projects		40	1		Experience in Tunnel Projects	40
		(i) P	rofessional experience	in handling major tunn	el 8	1	-	(i) Professional experience in handling major tunnel	
							CONTRACT	117	

	<12 years	0	
	>=12 - 14	·	
	vears	6	
	>14 - 15 years	7	
	>15years	8	
-		in major tunnel construction/construction	
		ojects (Road/Rail/Metro)	8
	<10 years	0	
	>=10 - 12		
	years	7	
	>12 years	8	
	(iii)Experience		
		projects (Road/Rail/Metro)	8
	<10 years	0	
	>=10 - 12		
	years	7	
	>12 years	8	
		in DPR preparation of minimum 5 km	
	Tunnel length		8
	< 3 projects	0	
	3 or more		
	projects	8	
	(v) Experie		8
	A Charles and a second a second and a second a second and	DDD/familility was at af	U
		preparation of DPR/feasibility report of	U
		rojects (Road/Rail/metro) using NATM	
	major tunnel p <10 years		
	major tunnel p <10 years >=10 – 12	rojects (Road/Rail/metro) using NATM 0	
	major tunnel p <10 years >=10 - 12 years	rojects (Road/Rail/metro) using NATM 0 7	
	major tunnel p <10 years >=10 - 12 years >12 years	rojects (Road/Rail/metro) using NATM  0  7  8	
:)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity	20
<b>(2)</b>	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in	
;)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision	20
;)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel projects (Road	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision /Rail/Metro)	20
;)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel projects (Road =2 projects	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision	20
;)	major tunnel p <10 years >=10 - 12 years >12 years Experience in \$ (i) Experience major tunnel projects (Road =2 projects = 3 to 5	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision //Rail/Metro)	20
5)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel projects (Road =2 projects = 3 to 5 projects	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision //Rail/Metro)  8	20
c)	major tunnel p <10 years >=10 - 12 years >12 years Experience in \$ (i) Experience major tunnel projects (Road =2 projects = 3 to 5 projects > 5 or more	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision //Rail/Metro)  8	20
c)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel projects (Road =2 projects = 3 to 5 projects > 5 or more (ii) Experience	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision //Rail/Metro)  8  9  10  as Team Leader or similar capacity in capacity in construction/construction supervision //Rail/Metro)	20
C)	major tunnel p <10 years >=10 - 12 years >12 years Experience in S (i) Experience major tunnel projects (Road =2 projects = 3 to 5 projects > 5 or more (ii) Experience	rojects (Road/Rail/metro) using NATM  0  7  8  Similar Capacity as Team Leader or similar capacity in construction/construction supervision //Rail/Metro)  8  9  10  as Team Leader or similar capacity in portion of the construction of the construc	20

	projects (Road/Rail/Metro)		
	<12 years	0	
	>=12 - 14 years	6	
	>14 – 15 years	7	
	>15years	8	
	(ii) Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)		8
	<10 years	0	
	>=10 - 12 years	7	
	>12 years	8	
	(iii)Experience in preparation of DPR or Feasibil report of major tunnel projects (Road/Rail/Metro)		8
	<10 years	0	
	>=10 – 12 years	7	
	>12 years	8	
	(iv) Experience in DPR preparation of minimum Tunnel length	5 km	8
	< 3 projects	0	
	3 or more projects	8	
	(v) Experience in construction/constr supervision/ preparation of DPR/feasibility rep major tunnel projects (Road/Rail/metro) using N	ort of	8
	<10 years	0	
	>=10 – 12 years	7	
	>12 years	8	
c)	Experience in Similar Capacity		15
	(i) Experience as Team Leader or similar car major tunnel construction/construction sup projects (Road/Rail/Metro)		7
	=2 projects	5	
	= 3 to 5 projects	6	
	> 5 or more	7	11-11-00
	(ii) Experience as Team Leader or similar capacity preparation of DPR or Feasibility report of major t projects (Road/Rail/Metro)		8
	=2 projects	6	
	= 3 to 5 projects	7	
	> 5 or more	8	



	= 3 to 5			III	Employment with Firm		10
	projects 9			1	Less than 1 Year	0	
	> 5 or more				1-2 years	7.5	
			5		Add 0.5 marks for each subsequent year subject to	)	
	III Employment with Firm Less than 1		3		maximum of 2.5 marks		
	Year 0						
	1-2 years 3				Total		100
	Add 0.5 marks for each subsequent year subject	to maximum		1			
	of 2marks						
	Total		100				
2.4.2Tunnel Design	2.4.2 Tunnel Design Expert			Tur	nnel Design Expert		
Expert	Sr. Description		Max.	S	20.0 [2]		Max. Points
•	No.		Points	No			
	I General Qualification		25		General Qualification		25
	i) Degree in Civil/ Mining Engineering		20	i			20
	ii) Post Graduation in Design/Structural Engineering	ig or		ii		g or	-
	equivalent		5	l	equivalent		5
	II Relevant Experience & Adequacy for the Pro	ject	70		Relevant Experience & Adequacy for the Pro	ect	65
	a) Total Professional Experience		10	a	7 Total Froncononal Experience		10
	<15 years	0			<15 years	0	
	15-20 years	8			15-20 years	8	
	>20 -25years	9			>20 -25years	9	
	>25years	10			>25years	10	
	b) Experience in Tunnel Projects		30	b	/ Experience in runner rejects		24
	(i) Professional Experience in handling projects (Road/Rail/Metro)	major tunne	el 10		(i) Professional Experience in handling tunnel projects (Road/Rail/Metro)	major	8
	projects (redunitaries)				<10 years	0	
	<10 years	0			>=10-12 years	6	
				1	>12 -14 years	7	
	>=10-12 years	6			>14 years	8	
					(ii) Experience of major tunnel		8
	>12 -14 years	8			construction/construction supervision project	cts	
					(Road/Rail/Metro)		
	>14 years	10	1.0		<10 years	0	
	(ii) Experience of major tunnel construction/	construction	10		>=10-12 years	6	
	supervision projects (Road/Rail/Metro)				>12 -14 years	7	
	<10 years	0			>14 years	8	
	<10 years	- 0	+		(iii) Experience in preparation of DF		8
	>=10-12 years	6			Feasibility report of major tunnel pro (Road/Rail/Metro)	ojects	

>12 -14 years	8	
>14 years	10	
(iii) Experience in preparation of DPR or F		10
report of major tunnel projects (Road/Rail/N	fletro)	-
<10 years	0	
>=10-12 years	6	
>12 -14 years	8	
>14 years	10	
c) Experience in Similar Capacity		30
(i) Professional Experience as Tunnel Design (Structural)	n Engineer	8
<8 years	0	
>=8-10 years	6	
>10 – 12 years	7	
>12 years	8	
(ii) Experience as Tunnel Design Engineer (\$ major tunnel construction/construction supprojects (Road/Rail/Metro)		
<8 years	0	
>=8 – 10 years	6	
>10-12 years	7	
>12 years	8	
(iii) Experience as Tunnel Design Engineer major tunnel for preparation of C (Road/Rail/Metro)		
<8 years	0	
>=8 – 10 years	5	
I .		_

	<10 years	0	
	>=10-12 years	6	
	>12 -14 years	7	
	>14 years	8	
:)	Experience in Similar Capacity		31
	(i) Professional Experience as Tunnel D Engineer (Structural)	esign	8
	<8 years	0	
	>=8-10 years	6	
	>10 – 12 years	7	
	>12 years	8	
	(Structural) of major t	jineer unnel ojects	8
	<8 years	0	
	>=8 – 10 years	6	
- 110	>10-12 years	7	
		_	
	>12 years8	8	
	>12 years8 (iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)	jineer f DPR	8
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of	jineer f DPR	8
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)	gineer f DPR 0 6	8
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro) <8 years	jineer f DPR	8
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro) <8 years >=8 – 10 years >10-12 years >12 years	gineer f DPR 0 6	
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro) <8 years >=8 - 10 years >10-12 years	o 6 7 8	7
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro)	o 6 7 8	
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM	o 6 7 8	
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM  < 3 projects	o 6 7 8 y vtro)	
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM  < 3 projects  >=3-5 projects	0 6 7 8 y etro)	
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM  <3 projects  >=3-5 projects  5 or more projects  Employment with Firm	0 6 7 8 y etro)	7
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM  <3 projects  >=3-5 projects  5 or more projects  Employment with Firm  Less than 1 Year	0 6 7 8 vetro) 0 6 7	7
	(iii) Experience as Tunnel Design Eng (Structural) of major tunnel for preparation of projects (Road/Rail/Metro)  <8 years  >=8 - 10 years  >10-12 years  >12 years  (iv)Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Meusing NATM  <3 projects  >=3-5 projects  5 or more projects  Employment with Firm	0 6 7 8 vetro) 0 6 7 0 0 6 7	7

•Major Tunnel Project = having length more than 1.5 km.



	T .		7 1 1		
		>12 years	7		
		(iv)Experience as Tunnel Design Engineer (St preparation of DPR/ Feasibility report of major tun (Road/Rail/Metro) using NATM	ructural) in / nel projects		
		< 3 projects	0		
		>=3-5 projects	6		
		5 or more projects	7		
		III Employment with Firm	5		
		Less than 1 Year	0		
		1-2 years	3		
		Add 0.5 marks for each subsequent year subject to	-		
		maximum of 2 marks	5 100		
		Total	533772		
-	2.4.3 Senior	Major Tunnel Project = having length more that     2.4.3 Senior Geotechnical Expert	an 1.5 km.	2.4.3Senior Geotechnical Expert	
	Geotechnical	C			
	Expert	No. Description	Max. Points	S. Description	Max. Points
	Export	I General Qualification	25	NO.	
		Degree in Civil Engineering/Mining Engineering /		I General Qualification	25
		i) Engineering Geology  Post Graduation in Geotechnical Engineering	20	i) Degree in Civil Engineering/Mining Engineering /	20
		/Foundation Engineering/Rock Mechanics/Geo		Engineering Geology	27
		ii) science or equivalent	5		
		II Relevant Experience & Adequacy for the Project	70	Post Graduation in Geotechnical Engineering /Foundation Engineering/ Rock Mechanics/Geo	5
		a)Total Professional Experience	10	ii) science or equivalent	Ü
		<15 years 0			0.5
		15-20 years 8		II Relevant Experience & Adequacy for the Project	65
		>20 -25years 9		a) Total Professional Experience	10
		>25years 10	20		
		(b) Experience in Tunnel Projects (i) Professional experience in handling maj	30	<15 years 0	
		tunnel projects (Road/Rail/Metro)	10	15-20 years 8	
		<10 years 0			
		>=10-12 years 6		>20 -25years 9	
		>12 -14 years 8		>25years 10	
		>14 years 10			04
		(ii) Experience in major tunn	200	(b) Experience in Tunnel Projects	24
		construction/construction supervision project (Road/Rail/Metro)	ts	(i) Professional experience in handling major tunnel	0
		<10 years 0		projects (Road/Rail/Metro)	8
		>=10-12 years 6			
		I La parametria de la constanta de la constant			

	>12 -14 years	8	
	>14 years	10	
	(iii)Experience in	preparation of DPR or Feasibility unnel projects (Road/Rail/Metro)	10
	<10 years	0	
	>=10-12 years	6	
	>12 -14 years	8	
	>14 years	10	
:)	Experience in Si	milar Capacity	30
	(i) Experience a or similar construction/co (Road/Rail/Metro	10	
	<8 years	0	
	>=8 - 10 years	6	
	>10-12 years	8	
	>12 years	10	
	Feasibility rep		
	(Road/Rail/Metro	0	10
_	.,		10
	<8 years	0	10
	<8 years >=8 – 10 years	0 6	10
	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre	0 6 8 10	10
	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre of major tunnel	0 6 8 10 e in construction/construction eparation of DPR/feasibility report	
	<8 years >=8 - 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre of major tunnel NATM	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using	
	<8 years >=8 - 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre of major tunnel NATM <8 years	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using	
	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ preof major tunnel NATM <8 years >=8 – 10 years	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using 0 8	
	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre of major tunnel NATM <8 years >=8 – 10 years >10-12 years <8 years Employment wit	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using 0 8 10 0	
	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ preof major tunnel NATM <8 years >=8 – 10 years >10-12 years >10-12 years <8 years Employment wit Less than 1 Year	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using 0 8 10 0	10
11	<8 years >=8 – 10 years >10-12 years >12 years8 (iv) Experience supervision/ pre of major tunnel NATM <8 years >=8 – 10 years >10-12 years >10-12 years <8 years Employment wit Less than 1	0 6 8 10 e in construction/construction paration of DPR/feasibility report projects (Road/Rail/metro) using 0 8 10 0 h Firm	10

	<10 years	0	
	>=10-12 years	6	
	>12 -14 years	7	
	>14 years	8	
	(ii) Experience in major tunnel construction /cons supervision projects (Road/Rail/Metro)	truction	8
	<10 years	0	
	>=10-12 years	6	
7.02 20.00	>12 -14 years	7	
	>14 years	8	
	(iii)Experience in preparation of DPR or Feasibility of major tunnel projects (Road/Rail/Metro)	report	8
	<10 years	0	
	>=10-12 years	6	
	>12 -14 years	7	
	>14 years	8	
c)	Experience in Similar Capacity		31
	(i) Professional Experience as Tunnel Design E (Structural)	ngineer	8
	<8 years	0	
	>=8-10 years	6	
	>10 – 12 years	7	
	>12 years	8	
	(ii) Experience as Senior Geotechnical Engir similar capacity in major tunnel cons construction supervision projects (Road/ Rail/ Me	truction/	8



subsequent year subject to		<8 years	0	
maximum of 2 marks		>=8 – 10 years	6	
Total 100		>10-12 years	7	
		>12 years	8	
		(iii) Experience as Senior Geotechnical Eng similar capacity in preparation of DPR or Feasible of major tunnel projects (Road/Rail/Metro)	gineer or ility report	8
		<8 years	0	
		>=8 – 10 years	6	
		>10-12 years	7	
		>12 years8	8	
		(iv)Experience in construction/construction sup preparation of DPR/ feasibility report of maj projects (Road/Rail/metro)using NATM	ervision / or tunnel	7
		<8 years	0	
		>=8 – 10 years	6	
		>10-12 years	7	
		<8 years	0	
	111	Employment with Firm		10
		Less than 1 Year	0	
		1-2 years	7.5	
		Add 0.5 marks for each subsequent year su maximum of 2.5 marks	bject to	
		Total		100

(B.Shiyprasad) General Manager(T)