

National Highways & Infrastructure Development Corporation Limited

Project Name: Consultancy Services for Preparation of Detailed Project Report for 2 laning of Aizawl Bypass including Tunnel (Connecting Sairang on NH-306 to NH-02) in the State of Mizoram under Bharatmala Pariyojna.

Contract Package No.: NHIDCL/Mizoram/DPR/Aizawl Bypass/2020-21

Tender ID: 2020_NHIDC_569046_1

Amendment No. 1

Sr. No.	Reference / clause no.	Existing Provision	Modified Provision (To be read as)																																										
1	Appendix - V, Clause 2.4. Qualification and Competence of the Key Staff for adequacy of the Assignment of RFP. (Page 166)	2.4.3 Senior Geotechnical Engineer <table><tr><th>S. No.</th><th>Description</th><th>Max. Marks</th></tr><tr><td>c)</td><td>Experience in Similar Capacity</td><td>31</td></tr><tr><td></td><td>(i) Professional Experience as <u>Tunnel Design Engineer (Structural)</u></td><td>8</td></tr><tr><td></td><td><8 years</td><td>0</td></tr><tr><td></td><td>>=8-10 years</td><td>6</td></tr><tr><td></td><td>>10 – 12 years</td><td>7</td></tr><tr><td></td><td>>12 years</td><td>8</td></tr></table>	S. No.	Description	Max. Marks	c)	Experience in Similar Capacity	31		(i) Professional Experience as <u>Tunnel Design Engineer (Structural)</u>	8		<8 years	0		>=8-10 years	6		>10 – 12 years	7		>12 years	8	2.4.3 Senior Geotechnical Engineer <table><tr><th>S. No.</th><th>Description</th><th>Max. Marks</th></tr><tr><td>c)</td><td>Experience in Similar Capacity</td><td>31</td></tr><tr><td></td><td>(i) Professional Experience as <u>Senior Geotechnical Engineer</u></td><td>8</td></tr><tr><td></td><td><8 years</td><td>0</td></tr><tr><td></td><td>>=8-10 years</td><td>6</td></tr><tr><td></td><td>>10 – 12 years</td><td>7</td></tr><tr><td></td><td>>12 years</td><td>8</td></tr></table>	S. No.	Description	Max. Marks	c)	Experience in Similar Capacity	31		(i) Professional Experience as <u>Senior Geotechnical Engineer</u>	8		<8 years	0		>=8-10 years	6		>10 – 12 years	7		>12 years	8
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2	Clause 5.1 (ii) of RFP. (Page 14)	The Proposal is accompanied by Bid Security of required value and of validity equal or more than the minimum required validity.	'Deleted'.																																										

2.4. Qualification and Competence of the Key Staff for adequacy of the Assignment. (Para 12.2 of Data Sheet and Enclosure II of TOR)

2.4.1 Team Leader cum Senior Tunnel Engineer

S. No.	Description	Max. Points
I	General Qualification	25
II	Relevant Experience & Adequacy for the Project	65
a)	Total Professional Experience	10
b)	Experience in Tunnel Projects	40
c)	Experience in Similar Capacity	15
	(i) Experience as Team Leader or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	7
	=2 projects	5
	= 3 to 5 projects	6
	> 5 or more	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
	= 3 to 5 projects	7
	> 5 or more	8
III	Employment with Firm	10
	Less than 1 Year	0
	1-2 years	7.5
	Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks	
	Total	100

2.4. Qualification and Competence of the Key Staff for adequacy of the Assignment. (Para 12.2 of Data Sheet and Enclosure II of TOR)

2.4.1 Team Leader cum Senior Tunnel Engineer

S. No.	Description	Max. Points
I	General Qualification	25
II	Relevant Experience & Adequacy for the Project	70
a)	Total Professional Experience	10
b)	Experience in Tunnel Projects	40
c)	Experience in Similar Capacity	20
	(i) Experience as Team Leader or similar capacity in major tunnel construction/construction supervision projects (Road/Rail/Metro)	10
	=2 projects	8
	= 3 to 5 projects	9
	> 5 or more	10
	(ii) Experience as Team Leader or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10
	=2 projects	8
	= 3 to 5 projects	9
	> 5 or more	10
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 2.0 marks	
	Total	100

2.4.2 Tunnel Design Expert				2.4.2 Tunnel Design Expert			
Sr. No.	Description	Max. Points		Sr. No.	Description	Max. Points	
I	General Qualification	25		I	General Qualification	25	
II	Relevant Experience & Adequacy for the Project	65		II	Relevant Experience & Adequacy for the Project	70	
a)	Total Professional Experience	10		a)	Total Professional Experience	10	
b)	Experience in Tunnel Projects	24		b)	Experience in Tunnel Projects	30	
	(i) Professional Experience in handling major tunnel projects (Road/Rail/Metro)	8			(i) Professional Experience in handling major tunnel projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	
	(ii) Experience of major tunnel construction/ construction supervision projects (Road/Rail/Metro)	8			(ii) Experience of major tunnel construction/ construction supervision projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8			(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	

c)	Experience in Similar Capacity	<u>31</u>
	(i) Professional Experience as Tunnel Design Engineer (Structural)	8
	(ii) Experience as Tunnel Design Engineer (Structural) of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8
	(iii) Experience as Tunnel Design Engineer (Structural) of major tunnel for preparation of DPR projects (Road/Rail/Metro)	<u>8</u>
	<8 years	0
	>=8 – 10 years	6
	>10-12 years	7
	>12 years	8
	(iv) Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro) using NATM	7
III	Employment with Firm	<u>10</u>
	Less than 1 Year	0
	1-2 years	7.5
	Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks	
	Total	100

c)	Experience in Similar Capacity	<u>30</u>
	(i) Professional Experience as Tunnel Design Engineer (Structural)	8
	(ii) Experience as Tunnel Design Engineer (Structural) of major tunnel construction/construction supervision projects (Road/Rail/Metro)	8
	(iii) Experience as Tunnel Design Engineer (Structural) of major tunnel for preparation of DPR projects (Road/Rail/Metro)	<u>7</u>
	<8 years	0
	>=8 – 10 years	5
	>10-12 years	6
	>12 years	7
	(iv) Experience as Tunnel Design Engineer (Structural) in preparation of DPR/ Feasibility report of major tunnel projects (Road/Rail/Metro) using NATM	7
III	Employment with Firm	<u>5</u>
	Less than 1 Year	0
	1-2 years	3
	Add 0.5 marks for each subsequent year subject to maximum of 2.0 marks	
	Total	100

2.4.3 Senior Geotechnical Engineer				2.4.3 Senior Geotechnical Engineer			
S. No.	Description	Max. Points		S. No.	Description	Max. Points	
I	General Qualification	25		I	General Qualification	25	
II	Relevant Experience & Adequacy for the Project	65		II	Relevant Experience & Adequacy for the Project	70	
a)	Total Professional Experience	10		a)	Total Professional Experience	10	
b)	Experience in Tunnel Projects	24		b)	Experience in Tunnel Projects	30	
	(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)	8			(i) Professional experience in handling major tunnel projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	
	(ii) Experience in major tunnel construction/ construction supervision projects (Road/Rail/Metro)	8			(ii) Experience in major tunnel construction/ construction supervision projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	
	(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8			(iii) Experience in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	10	
	<10 years	0			<10 years	0	
	>=10-12 years	6			>=10-12 years	6	
	>12 -14 years	7			>12 -14 years	8	
	>14 years	8			>14 years	10	

		Experience in Similar Capacity		31	30
c)	Experience in Similar Capacity	(i) Professional Experience as Tunnel Design Engineer (Structural)	(i) Professional Experience as Tunnel Design Engineer (Structural)	8	8
	(ii) Experience as Senior Geotechnical Engineer or similar capacity in major construction/supervision projects (Road/Rail/Metro)	(ii) Experience as Senior Geotechnical Engineer or similar capacity in major construction/supervision projects (Road/Rail/Metro)	(ii) Experience as Senior Geotechnical Engineer or similar capacity in major construction/supervision projects (Road/Rail/Metro)	8	8
	(iii) Experience as Senior Geotechnical Engineer or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	(iii) Experience as Senior Geotechnical Engineer or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	(iii) Experience as Senior Geotechnical Engineer or similar capacity in preparation of DPR or Feasibility report of major tunnel projects (Road/Rail/Metro)	8	7
	<8 years	<8 years	<8 years	0	0
	>=8 – 10 years	>=8 – 10 years	>=8 – 10 years	6	5
	>10-12 years	>10-12 years	>10-12 years	7	6
	>12 years	>12 years	>12 years	8	7
	(iv) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	(iv) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	(iv) Experience in construction/construction supervision/ preparation of DPR/feasibility report of major tunnel projects (Road/Rail/metro) using NATM	7	7
III	Employment with Firm	Employment with Firm	Employment with Firm	10	5
	Less than 1 Year	Less than 1 Year	Less than 1 Year	0	0
	1-2 years	1-2 years	1-2 years	7.5	3
	Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks	Add 0.5 marks for each subsequent year subject to maximum of 2.5 marks	Add 0.5 marks for each subsequent year subject to maximum of 2.0 marks		
	Total	Total	Total	100	100

M/S 18/20