

Name of Work: Consultancy Services for Preparation of Detailed Project Report for Construction of 2-Lane Bridge for Connectivity of Chatham Island and Bambooflat in the Union Territory region of Andaman Nicobar Islands.

Corrigendum No. 2

Sl. No.	Clause No.	Description	Existing Provision	Modified Provision																																																												
1.	Terms of Reference (ToR)	Manning Schedule	Enclosure-I, II & III of Annexure-A to Corrigendum No.1	Enclosure-I, II & III of Annexure-I of this Corrigendum No.2																																																												
2.	NIT	Clause 4 of NIT	<table><tr><th colspan="3">Existing Provision</th></tr><tr><td>Bid Document Publishing Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Bid Document Download / Start Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Clarification Start Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Clarification End Date</td><td>:</td><td>09.09.2016 (1700 hrs)</td></tr><tr><td>Pre bid meeting</td><td>:</td><td>15.09.2016 (1400 hrs)</td></tr><tr><td>Bid Submission Start Date</td><td>:</td><td>29.08.2016 (0900 hrs)</td></tr><tr><td>Bid submission End Date</td><td>:</td><td>26.10.2016 (1500 hrs)</td></tr><tr><td>Opening Date of Technical Bid</td><td>:</td><td>26.10.2016 (1530 hrs)</td></tr><tr><td>Opening Date of Financial Bid</td><td>:</td><td>To be intimated after final evaluation of Technical bids</td></tr></table>	Existing Provision			Bid Document Publishing Date	:	29.08.2016 (1000 hrs)	Bid Document Download / Start Date	:	29.08.2016 (1000 hrs)	Clarification Start Date	:	29.08.2016 (1000 hrs)	Clarification End Date	:	09.09.2016 (1700 hrs)	Pre bid meeting	:	15.09.2016 (1400 hrs)	Bid Submission Start Date	:	29.08.2016 (0900 hrs)	Bid submission End Date	:	26.10.2016 (1500 hrs)	Opening Date of Technical Bid	:	26.10.2016 (1530 hrs)	Opening Date of Financial Bid	:	To be intimated after final evaluation of Technical bids	<table><tr><th colspan="3">Modified Provision</th></tr><tr><td>Bid Document Publishing Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Bid Document Download / Start Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Clarification Start Date</td><td>:</td><td>29.08.2016 (1000 hrs)</td></tr><tr><td>Clarification End Date</td><td>:</td><td>09.09.2016 (1700 hrs)</td></tr><tr><td>Pre bid meeting</td><td>:</td><td>15.09.2016 (1400 hrs)</td></tr><tr><td>Bid Submission Start Date</td><td>:</td><td>29.08.2016 (0900 hrs)</td></tr><tr><td>Bid submission End Date</td><td>:</td><td>02.11.2016 (1500 hrs)</td></tr><tr><td>Opening Date of Technical Bid</td><td>:</td><td>02.11.2016 (1530 hrs)</td></tr><tr><td>Opening Date of Financial Bid</td><td>:</td><td>To be intimated after final evaluation of Technical bids</td></tr></table>	Modified Provision			Bid Document Publishing Date	:	29.08.2016 (1000 hrs)	Bid Document Download / Start Date	:	29.08.2016 (1000 hrs)	Clarification Start Date	:	29.08.2016 (1000 hrs)	Clarification End Date	:	09.09.2016 (1700 hrs)	Pre bid meeting	:	15.09.2016 (1400 hrs)	Bid Submission Start Date	:	29.08.2016 (0900 hrs)	Bid submission End Date	:	02.11.2016 (1500 hrs)	Opening Date of Technical Bid	:	02.11.2016 (1530 hrs)	Opening Date of Financial Bid	:	To be intimated after final evaluation of Technical bids
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Annexure-I of Corrigendum No.2

Enclosure-I

MANNING SCHEDULE

Package no. NHIDCL/Chatham-Bamboo Flat/DPR/2016

S. No.	Key Personnel	Total Time Period in Man Months (MM)
Central Team		
1	Team Leader cum Sr. Bridge Engineer	6
2	Material cum Geotechnical Expert	3
3	Environment Specialist	2
4	Traffic cum Safety Expert	2
5	Quantity Surveyor	2
6	Revenue / Survey Expert	4
7	Bridge Design Engineer	3
8	Pavement Design Expert	3
9	Contract Specialist	1
Sub Team(s) (no sub team for the project)		
9	Deleted	0
10	Deleted	0
11	Deleted	0

Note:

1. Consultants have to provide a certificate that all the key personnel as envisaged in the Contract Agreement have been actually deployed in the projects. They have to furnish the certificate at the time of submission of their bills to NHIDCL from time to time.
2. The Consultant shall appoint a Project Coordinator for effective Coordination of its services for the entire duration of the Project Assignment including pre construction activities until completion of the entire assignment.
3. The Revenue / Survey Expert shall be deployed either intermittently or continuously (depending upon the site conditions and other exigencies as per the convenience of NHIDCL) to liaise with the local authorities and complete the pre-construction activities including LA and Forest Clearances. However a period of 4 months have been projected in the manning schedule for this resource.



Enclosure-II

Qualification and Experience Requirement of Key Personnel

Team Leader cum Sr. Bridge Engineer

i)	Educational Qualification	
	Essential	Graduate in Civil Engineering or equivalent
	Desirable	Post Graduate in Civil Engineering (Highways/Bridge/Structures)
ii)	Essential Experience	
	a) Total Professional Experience	Min. 20 years
	b) Experience in Highway/Bridge projects	Min. 15 years in Planning, project preparation and design of Highway/Bridge projects, including 2/4/6 laning of NH/SH/expressways.
	c) Experience in similar capacity (Either as Team Leader or in Similar capacity)	In Feasibility / DPR/IC/ Construction Supervision of Two/Four/six laned major Bridge projects of minimum length of 200 m
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70years on the date of submission of proposal

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QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL**Material cum Geotechnical Expert**

i)	Educational Qualification	
	Essential	Graduate in Civil Engineering
	Desirable	Masters in highway engineering/ Transportation Engineering/Foundation Engineering / Soil Mechanics / Geotech Engineering or MSc in Geology
ii)	Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway projects	Minimum 10 years experience in of 2/4/6 laned Highways/Bridges projects
	c) Experience in similar capacity	Geotechnical works for major Bridge projects (2/4/6 lane NH/SH/ Expressways) of length more than 60 mtr
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70 years on the date of submission of Proposal



QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL*Environmental Specialist*

i)	Educational Qualification	
	Essential	Graduate in Civil Engineering / Environment Engineering / Masters in Environment Science
	Desirable	Post Graduate in Environmental Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 10 years
	b) Experience in Highway Projects	Min. 5 years in environment impact assessment of 2/4/6 laned highway/bridge/tunnel projects
	c) Experience in similar capacity	Environmental Specialist in at least two(2/4/6 laned) Highway/Bridge/Tunnel projects
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70 years on the date of submission of Proposal



Enclosure-II(contd.)

QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

Traffic and Safety Expert

i)	Educational Qualification	
	Essential	Graduate in Civil Engineering
	Desirable	Masters in Traffic Engineering/ Transportation Engineering/ Transport Planning
ii)	Essential Experience	
	a) Total Professional Experience	Min. 10 years
	b) Experience in Highway projects	Min. 5 years on 2/4/6 laned highway/bridge/tunnel projects
	c) Experience in similar capacity	Traffic Engineer in minimum two highway/bridge/tunnel Projects (NH/SH/Expressways) involving 2/4/6 Laning
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70 years on the date of submission of Proposal

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QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

Quantity Surveyor

i)	Educational Qualification	
	Essential	Degree in Civil Engineering
	Desirable	Masters in highway engineering/ Transportation Engineering
ii)	Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway projects	Minimum 10 years experience in design/construction supervision of 2/4/6 lane highways/bridge/tunnel projects.
	c) Experience in similar capacity	Quantity Surveyor in minimum two highway/bridge/tunnel Projects
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70 years on the date of submission of Proposal



Enclosure-II(contd.)

QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

Revenue / Survey Experts

i)	Educational Qualification	
	Essential	Graduation in any discipline
	Desirable	Post Graduation in any discipline
ii)	Experience	
	a) Total Professional Experience	Min. 20 years
	b) Experience in revenue matters	Min. 10 years of experience dealing with revenue matters.
	c) Experience in similar capacity	Min 5 year experience in Land Acquisition as Dy. Collector/ CALA retired from State Government dealing with Land Acquisition and Revenue matters.
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70 years on the date of submission of Proposal

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Enclosure-II(contd.)

QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

Bridge Design Engineer

i)	Educational Qualification	
	Essential	Graduate in Civil Engineering or equivalent
	Desirable	Masters in Bridge Engineering/ Structural Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Bridge projects	Min. 10 years in project preparation and design of bridge projects.
	c) Experience in similar capacity	Bridge Engineer in highway design consultancy projects (2/4/6 lane NH/SH/ Expressways) involving design of minimum Two major bridges (length more than 200 m)
	d) Similar Capacity position	As mentioned in the input sheet of Infracon
iii)	Age Limit	70years on the date of submission of Proposal



QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

Pavement Design Expert

i)	Educational Qualification	
	Essential Desirable	Graduate in Civil Engineering Masters in Highway/Transportation Engineering
ii)	Essential Experience	
	a) Total Professional Experience	Min. 15 years
	b) Experience in Highway projects c) Experience in Similar capacity	Min. 10 years in project preparation and design of 2/4/6 laned highway Projects Pavement Specialist in minimum two 2/4/6 laned highway projects costing atleast 100 crores each
iii)	Age Limit	70years on the date of submission of Proposal



QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL
Contract Specialist

i)	Educational Qualification	
ii)	Essential Desirable Essential Experience	Graduate in Civil Engineering Diploma/ Degree in Law
	a) Total Professional Experience	Minimum 15 years
	b) Experience in Highway projects	Minimum 10 years in 2/4/6 laned highway/bridge/tunnel projects
	c) Experience in similar capacity	Min. 5 years as Contract Specialist on Highway/Bridge/Tunnel Projects Costing over Rs. 100 Cr.
	d) Experience in Arbitration	Handled atleast two Arbitration cases pertaining to Highway/Bridge/Tunnel Projects.
iii)	Age Limit	70 years on the date of submission of Proposal



Enclosure-II(contd.)

QUALIFICATION AND EXPERIENCE REQUIREMENT OF KEY PERSONNEL

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Enclosure-II(contd.)

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Schedule for Submission of Reports and Documents

Stage No.	Activity	No. of copies	Time Period in weeks from date of Commencement
1	Inception Report		
	(i) Draft Inception Report including QAP document	3	02
	(ii) Inception Report including QAP document	3	04
2	F.S. REPORT		
	i) Draft Feasibility Study Report including option stud report	4	08
	ii) Comments of client	1	10
	iii) Final Feasibility Study Report incorporating compliance of comments of Client.	4	12
3	Preliminary Project Report including Technical Schedules for EPC/PPP projects	4	16
4	Detailed Project Report		
	i) Draft DPR	4	20
	ii) Comments of client	4	22
	iii) Final DPR	6	24
	incorporating compliance		
	of comments of Client		
5	Project clearances from concerned agencies e.g. from MOEF; Rly for approval of GAD and detail engineering drawing of ROB/RUB; Irrigation Dept., Land Acquisitions-3(a) ,3(A), 3(D)& 3G Notifications	Original letters from the concerned agencies and 5 photocopies of each. 3 copies each	26



