

AMARAVATI DEVELOPMENT CORPORATION LIMITED

CORRIGENDUM-2 DATED 25-05-2018

Name of Assignment: Appointment of Consultancy services as Authority Engineer for providing supervision of Pre-Engineering, Design Engineering and Project Management services for 6 lane Cable-stayed Iconic Bridge over river Krishna connecting AP New Capital City "Amaravati" with Pavitrasangamam in Andhra Pradesh State, India (Approximate Length: 3.2Km).

Ref. Clause No./Page No: Clause 21.1 of Section 2 Instruction to Consultants on page 59-62, Criteria, sub-criteria, and point system for the evaluation of Team CVs; and Section 7- Terms of Reference – B) Reporting Requirements and Time Schedule for Deliverables

Existing Provision in CORRIGENDUM-1				Modified Provision (To be read as)						
Sr. No.	Key Personnel Expert Position	Min. Man- Month required		During DLP	Sr. No.	Key Personnel Expert Position	Min. Man- Month In-put		Eligibility Criteria	Max. Marks
		During Detailed Engg.	During Construction				During Detailed Engg.	During Construction		
1	Team Leader cum Senior Bridge Engineer	24		N/A	1	Team Leader cum Senior Bridge Engineer	1 X 24	N/A	Educational Qualification: i) Essential - Graduate in Civil Engineering Experience: i) Minimum 20 years' professional experience ii) Should have 7years' experience of construction supervision of cable stay bridges of minimum span of 300 m and above. iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)	7
2	Sr. Resident Engineer cum Structural Design Engineer (Cable Stayed Bridge)	12 (intermittent)		N/A						
3	Structural Design Engineer (Cable stayed Bridge)	12 (intermittent)		N/A						
4	Structural Engineer - Conventional Bridge Design	12 (intermittent)		N/A						
5	Sr. Resident Engineer (Construction)	24		12 (intermittent)						
6	Sr. Bridge Engineer (Construction)	24		N/A						
7	Sr. Material Engineer / Sr. QA/QC Engineer	24		N/A						
8	Geo-Technical Expert	18		N/A						

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9	Electro Mechanical Expert	12 (intermittent)	N/A
10	Sr. Quantity Survey cum Procurement Engineer	24	N/A
11	Contract Manager	6 (intermittent)	N/A
12	Sr. Environmental Expert	18	N/A
13	Sr. Social Expert	12 (intermittent)	N/A
Support Staff:			
14	CAD Expert(2Nos)	24	N/A
15	Site Engineers (6Nos)	24	N/A
16	Office Manager (1No)	24	N/A
17	Accountant (1No)	24	N/A
18	Office Assistants (3 Nos.)	24	N/A

2	Sr. Resident Engineer cum Structural Design Engineer (Cable Stayed Bridge)	1 X 12 (intermittent)	N/A	5
3	Structural Design Engineer (Cable stayed Bridge)	DELETED	DELETED	0
4	Structural Engineer – Conventional Bridge Design	1 X 12 (intermittent)	N/A	3

Educational Qualification:
i) Essential - Graduate in Civil Engineering with more than 20 years Experience:
i) Minimum 20years professional experience including 5years' experience of design of cable stay bridges of minimum total span of 300 and above and conventional bridge of mini length of 2.0km land more over river, water body or creek.
ii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)

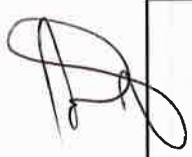
Educational Qualification:
i) Essential - Post Graduate in Structural Engineering Experience:
i) Minimum 15 years' professional experience including 5years' experience in design of long span conventional bridges (road/rail) on sea, creeks/rivers.

12

Team for Design Supervision Phase:

SNo.	Position	Eligibility Criteria
1.	Senior Resident Engineer cum Structural Design Engineer (Cable Stay Bridge)-6.0 Marks	Educational Qualification: i) Essential - Graduate in Civil Engineering with more than 20 years Experience: i) Minimum 20years experience in cable stayed bridge design ii) Should have experience of design of cable stay bridges of minimum total span of 300 and above and conventional bridge of 2.0km length over river, water body or creek. iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)
2.	Structural Design Engineer (Cable stay Bridge) – 3.0Marks	Educational Qualification: i) Essential - Graduate in Civil Engineering Experience: i) Minimum 15years experience. ii) Should have experience of design of cable stay bridges of minimum total span of 300 m and above. iii) Preferred to be on the permanent roll of firm for more than 3 years (Proof to be submitted)
5	Sr. Resident Engineer (Construction)	1 X 24 1 X 12 (intermittent) Education Qualification: I) Essential- Graduate in Civil Engineering II) Preferred-Master's degree in Civil Engineering. Experience: i) He/she should have at least 20 year's professional experience in major civil engineering construction activities including 5years experience in long span rail/road bridges and other related infrastructure projects ii) He/she should be familiar with the safety practices.
6	Sr. Bridge Engineer (Construction Planning & Scheduling)	1 X 24 N/A Graduate in Civil Engineering with Post graduation in structural Engineering. Experience: Min. 10 years in Planning, project preparation, design and construction supervision of long span bridges over sea, creek and river.
7	Sr. Material Engineer / Sr. QA/QC Engineer	1 X 24 N/A Graduate in Civil Engineering with relevant experience of 15 years in highways/bridge projects.
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3.	Structural Engineer – Conventional Bridge Design - 3Marks	Educational Qualification: i) Essential - Post Graduate in Structural Engineering Experience: i) Minimum 15 years' experience ii) Should have experience of design of long span conventional bridges (road/rail) on sea, creeks/rivers.	1 X 18	N/A	Educational Qualification: i) Essential – Post Graduate degree in relevant field Experience: Minimum 15 years' professional experience including 5years experience on long span conventional bridges (Road / Rivers) / Ports / Roads etc.,	2
4.	Geotechnical Expert-1.5 marks	Educational Qualification: i) Essential – Post Graduate degree in relevant field Experience: Minimum 15 years experience of working on long span conventional bridges (Road / Rivers) / Ports / Roads etc	1 X 12 (intermittent)	N/A	Educational Qualification: Graduate in Electrical / Mechanical Engineering. Experience: Minimum 15 years' professional experience including 5 years' experience in E&M Design of long span bridges (road/rail) on sea, creeks/ rivers	1.5
5.	Electro Mechanical Expert-1 marks	Educational Qualification: Graduate in Electrical / Mechanical Engineering. Experience: Minimum 15 years' experience of E&M Design of long span bridges (road/rail) on sea, creeks/ rivers	1 X 24	N/A	Education Qualification: Bachelor's degree in Civil Engineering with mini 6 years' experience OR Diploma in engineering with mini 10 years' experience in procurement of public works like highways and bridges. He/she should have worked as procurement expert with knowledge of FIDIC contracts on infrastructure projects	2
8	Geo-Technical Expert	Electro Mechanical Expert	1 X 18	N/A	Educational Qualification: i) Essential – Post Graduate degree in relevant field Experience: Minimum 15 years' professional experience including 5years experience on long span conventional bridges (Road / Rivers) / Ports / Roads etc.,	2
9	Sr. Quantity Survey cum Procurement Engineer	Electro Mechanical Expert	1 X 12 (intermittent)	N/A	Educational Qualification: Graduate in Electrical / Mechanical Engineering. Experience: Minimum 15 years' professional experience including 5 years' experience in E&M Design of long span bridges (road/rail) on sea, creeks/ rivers	1.5
10	Sr. Quantity Survey cum Procurement Engineer	Sr. Quantity Survey cum Procurement Engineer	1 X 24	N/A	Education Qualification: Bachelor's degree in Civil Engineering with mini 6 years' experience OR Diploma in engineering with mini 10 years' experience in procurement of public works like highways and bridges. He/she should have worked as procurement expert with knowledge of FIDIC contracts on infrastructure projects	2

6.	Environmental Expert-1.5 marks	<p>Educational Qualification:</p> <p>i) Essential –Master’s degree in Environment or should be NABET accredited under Category-A</p> <p>Experience:</p> <p>i) Minimum 15 years’ experience in relevant projects</p> <p>ii) Minimum of 10 years working experience in relevant urban infrastructure projects</p> <p>iii) Experience in preparation of EMPs, EIAs of CRZ (mangroves and creek) and well versed with guidelines and environmental clearances from the Governing bodies.</p>
7.	Social Expert-1marks	<p>Educational Qualification:</p> <p>i) Master’s degree in social science</p> <p>Experience:</p> <p>ii) minimum 15 years working experience in infrastructure sector projects</p> <p>iii) Should be well versed with social safeguard measures, conducting SIA (Social Impact Assessments) and well versed with guidelines.</p>

Team -for Construction Supervision Phase:

SL. No.	Position	Eligibility Criteria
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11	Contract Manager	1 X 6 (Intermittent)	N/A	Graduate in Engineering with Min. 15 years of professional experience including 5years experience in Contract Management & Dispute resolution.	2
12	Sr. Environmental Expert	1 X 18	N/A	<p>Educational Qualification:</p> <p>i) Essential –Master’s degree in Environment or should be NABET accredited under Category-A</p> <p>Experience:</p> <p>i) Minimum 15 years’ experience in relevant projects</p> <p>ii) Minimum of 10 years working experience in relevant urban infrastructure projects</p> <p>iii) Experience in preparation of EMPs, EIAs of CRZ (mangroves and creek) and well versed with guidelines and environmental clearances from the Governing bodies.</p>	2

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1.	<p>Team Leader cum Senior Bridge Engineer -7.0 Marks</p> <p>Educational Qualification: i) Essential - Graduate in Civil Engineering Experience: ii) Minimum 20 years' experience iii) Should have experience of construction supervision of cable stay bridges of minimum span of 300 m and above</p>	<p>Educational Qualification: i) Master's degree in social science Experience: ii) minimum 15 years working experience in infrastructure sector projects iii) Should be well versed with social safeguard measures, conducting SIA (Social Impact Assessments) and well versed with guidelines.</p>	1 X 12 (intermittent)	N/A	1.5
2.	<p>Sr. Resident Engineer- 3.0 Marks</p> <p>Education Qualification: I) Essential- Graduate in Civil Engineering II) Preferred-Master's degree in Civil Engineering. Experience: i) He/she should have at least 15 year's professional experience in major civil engineering construction activities in long span rail/road bridges and other related infrastructure projects ii) He/she should be familiar with the safety practices.</p>	<p>Educational Qualification: i) Bachelor's degree in Civil engineering with mini 5 years' experience OR Diploma in engineering with mini 10 years' experience in NHAI projects.</p>	2 X 24	N/A	
3.	<p>Sr. Bridge Engineer - 3.0 Marks</p> <p>Education Qualification: Graduate in Civil Engineering with Post graduation in structural Engineering. Experience: Min. 10 years in Planning, project preparation, design and construction supervision of long span bridges over sea, creek and river.</p>	<p>Educational Qualification: i) Bachelor's degree in Civil engineering with mini 5 years' experience OR Diploma in engineering with mini 10 years' experience in NHAI projects.</p>	6 X 24	N/A	
13	Sr. Social Expert		1 X 24	N/A	
	Support Staff:				
14	CAD Expert(2Nos)		2 X 24	N/A	
15	Site Engineers (6Nos)		6 X 24	N/A	
16	Office Manager (1No)		1 X 24	N/A	
17	Accountant (1No)		1 X 24	N/A	

18	Office Assistants (3 Nos.)	3 X 24	N/A	Fresh graduates / with mini 1 year experience in NHAI projects.
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4.	Contract Manager-2.0 Marks	Graduate in Engineering with Min. 15 years of relevant experience.
5.	Sr. Quantity Survey cum Procurement Engineer - 2.0 Marks	Education Qualification: Bachelor's degree in Civil Engineering with mini 6 years' experience OR Diploma in engineering with mini 10 years' experience in procurement of public works like highways and bridges. He/she should have worked as procurement expert with knowledge of FIDIC contracts on infrastructure projects
6.	Sr. Material Engineer / Sr. QA/QC Engineer - 3.0 Marks	Graduate in Civil Engineering with relevant experience of 15 years in highways/bridge projects.

Support Staffs:

7.	CAD Expert (3Nos)	Bachelor's degree in Civil engineering with mini 5 years' experience OR Diploma in engineering with mini 10 years' experience in relevant projects
8.	Site Engineers (3Nos)	Bachelor's degree in Civil engineering with mini 5 years' experience OR Diploma in engineering with mini 10 years' experience in relevant projects.

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9.	Office Manager	Graduate with about 5 years' experience in relevant projects.
10.	Accountant	Commerce graduate with minimum 5 years' experience in relevant projects.
11.	Office Assistants (3 Nos.)	Fresh graduates / with mini 1 year experience in relevant projects.

Team CVs -for Defect Liability Period (DLP):

SL.	Position	Eligibility Criteria
1.	Sr. Resident Engineer	<p>Education Qualification:</p> <p>I) Essential- Graduate in Civil Engineering</p> <p>II) Preferred-Master's degree in Civil Engineering.</p> <p>Experience:</p> <p>i) He/she should have at least 15 year's professional experience in major civil engineering construction activities in long span rail/road bridges and other related infrastructure projects</p> <p>ii) He/she should be familiar with the safety practices.</p>

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