

Amaravati Development Corporation Limited

20-4-15, PLOT NO: 1G, ANAND HEIGHTS, BESIDE PRABHAS COLLEGE, KEDARESWARAPET, VIJAYAWADA, AP 520003, INDIA

Expression of Interest (EoI) for Design and Construction of Iconic Bridge (6 lanes) on EPC Basis over River Krishna at Amaravati, Capital City of Andhra Pradesh

Minutes of the Pre-EoI meeting and Clarifications to Queries

Date: May 15, 2017

Minutes of the Pre-EoI meeting held at 11.00 Hrs on May 15, 2017, in the Conference Room of Amaravati Development Corporation Limited (ADCL), 20-4-15, Plot No: 1G, Anand Heights, Beside Prabhas College, Kedareswarapet, Vijayawada, Andhra Pradesh - 520003, to clarify issues and to answer questions received from the prospective applicants until the time of the meeting.

The EoI Document for Design and Construction of Iconic Bridge (6 lanes) on EPC Basis over River Krishna at Amaravati, Capital City of Andhra Pradesh was published in the ADC portal <http://ccdmco.in/tenders.html> on May 07, 2017 and Notice was published in Newspapers on May 07, 2017.

As per the Instructions to Applicants of EoI, a pre-EoI meeting was held in the conference room of ADCL at 11.00 Hrs on May 15, 2017.

The following officials of ADCL were present:

1. Dr. G.V.S. Raju, Senior Consultant (Roads and Procurement), ADCL
2. Mr. T Moses Kumar, Chief Engineer, ADCL
3. Dr.K.V.Ganesh Babu, Head (PEP), ADCL
4. Mr. Sreeram V.L.K, Senior Infrastructure Engineer, ADCL
5. Mr. Venkata Ramana Gandham, Senior Infrastructure Engineer, ADCL
6. Mr. Pavan Ankinapalli, Senior Infrastructure Planner, ADCL

The following Representatives from various firms were present in the meeting:

1. Mr. G. Koteswara Rao, Senior Engineer, NCC Ltd
2. Mr. Devananda Rao M, Manager – sales, HCC Ltd
3. Mr. Benjamin Jeyakumar, Manager – Business Development, AFCONS Infrastructure Ltd
4. Mr. Anand Desai, Senior Manager – Design, Gammon India Limited
5. Mr. A.K. Das, Manager – Projects, Gammon India Limited
6. Mr. V. Sita Rama Seshu, Senior Manager, Larsen & Toubro Limited

At the outset, Dr. G.V.S. Raju, Senior Consultant (Roads and Procurement) and Mr. T.Moses Kumar, Chief Engineer, ADCL welcomed the participants and highlighted about the

importance of the meeting. They informed the participants that certain queries had been received from some of the prospective applicants through mails, which would be clarified during the meeting. They also mentioned that the participants could raise further queries or doubts if any and to the extent possible, these queries shall be answered during the meeting itself otherwise the reply to such queries will be given after due examination. In any case, answers to all the queries raised shall be uploaded on the ADCL's web portal.

The designated representatives of the participating firms raised their queries during the pre-EOI meeting. They were also asked to give their queries in writing by end of the day. The representatives of prospective applicants were also advised to visit the website regularly to get timely updates.

All the queries received through mails and raised by participants during pre-EOI meeting have been compiled in the Table below with responses.

The pre-EOI meeting concluded at 12.30 Hrs.

The meeting ended with a vote of thanks to the Chair and the participants.

for A. Ganesh Babu

Head (PEP)

Amaravati Development Corporation Limited (ADCL)

20-4-15, Plot No: 1G, Anand Heights

Beside Prabhas College, Kedareshwarapet

Vijayawada, Andhra Pradesh – 520003

Email: ganeshbabu.adc@ap.gov.in

Clarifications

Name of the Project - Expression of Interest (EOI) for Design and Construction of Iconic Bridge (6 lanes) on EPC Basis over River Krishna at Amaravati, Capital City of Andhra Pradesh

DATE OF PRE-EOI MEETING - 15th May 2017 at 11:00 Hrs

Sr. No.	Clause description		CLARIFICATION SOUGHT	CLARIFICATION
	Subject	Clause description		
1	Entities to be evaluated for the Evaluation Criteria	For the evaluation of the technical as well as financial capability, the capability of all Joint Venture members to their share in that JV will be considered.	We request you to consider for evaluation of technical as well as financial capability, the capability of any Joint Venture member. Please Confirm.	EOI Clause prevails
2	Project Details		Please provide Project Details like completion period, O & M Period & Project Estimated Cost for this project.	These details will be provided at the RFP stage.
3	Exchange Rate to be considered for Foreign Projects		Please specify the exchange rate to be considered to work out Foreign Projects completed value.	Applicants shall use the Exchange Rate published by RBI as on the date of contract of the Projects to calculate the completed value.
4	Currency conversion sites		The currency conversion rates from ONADA/ Xe Converter are allowed. Please Confirm.	Only RBI published Exchange Rates shall be used

(Handwritten Signature)

5	Funding Agency Details		Please specify the name of Funding Agency for this Project.	Government of Andhra Pradesh/Amaravati Development Corporation Limited
6	Name of Consultants		Please specify the name of Consultant for this Project.	For conventional bridge design, Aarvee Associates were appointed and the consultant has submitted DPR.
7	EOI Bid Submission Date	EOI Bid Submission Date is 05th June 2017.	We are in discussion with some highly reputed construction companies to form a Joint Venture for a World class delivery of this Project. This process requires sufficient time to finalize Joint Venture and other formalities for submission of this EOI bid. Hence, we request you to kindly extend the date of submission of EOI by one month, i.e. up to 5 th July, 17.	EOI submission date is extended to 26th June 2017. Please also refer page 10, Clause (f) of Eligibility Criteria.
8	Technical Criteria	The Applicant shall have successfully completed at least one similar Project (Construction of Cable Stayed/Extradosed/Ti ed Arch/Suspension Road Bridge over a river/creek/water body) as a Prime Contractor costing not less than INR 600	Request you to modify the clause as "the applicant shall have successfully completed at least One project involving Highway/Bridge/Elevated Structures/Marine Structures as a prime contractor costing not less than INR 600 crore	EOI Clause prevails



		Crore at current price during last Ten Years	at current price during last Ten Years	
9	New Clause to be inserted for Length of Bridge Experience	The Applicant should have successfully completed at least one (4-lane or more than 4 lane) Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years	We request you to add the clause for requirement for construction of bridge: "the Applicant shall have successfully completed at least One Project involving bridge over a river/creek/water body as a prime contractor of length more than 2000 m during last Ten Years"	The clause shall be read as: "The Applicant should have successfully completed at least one (4-lane or more than 4 lane) Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge of a length more than 1000 m with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years"
10	Page No 12 Technical Criteria	The Applicant should have successfully completed at least one 4-lane Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years	Request you to modify the clause as "The Applicant should have successfully completed at least one Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years"	The clause shall be read as: "The Applicant should have successfully completed at least one (4-lane or more than 4 lane) Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge of a length more than 1000 m with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years"

H. Panik

			body/Running Railway Line"	
11	General		<p>Please confirm whether a bidder can propose multiple options/Concepts for each category</p> <p>Whether contractor can propose the overall width of the bridge for accommodating 6 lane traffic as per IRC guidelines accommodating pedestrian footpath. Please confirm any additional special requirements to be considered like cycle tracks etc</p>	<p>Applicants can propose as many concepts as they can for each category.</p> <p>Applicants shall follow IRC guidelines</p>
	General		<p>Please furnish HFL of the riverbed and existing ground level at both ends of the bridge</p>	<p>Lowest Bed level is 12.878 m HFL is 23.950 m (see attached image also) The information provided here is for architectural design purposes only.</p>

A. Per

Page No 6	Conceptual Design	<p>Category 1: Conventional Arrangement with Grand Entry and Exit: A conventional bridge with grand entry and exits. The Proposed Bridge on River Krishna shall act as a gateway to Amaravati. The architectural designs for the entry and exit shall reflect culture and heritage of Andhra Pradesh.</p>	<p>Please furnish the proposed ROW width at Entry and Exit locations to have better architectural scheme</p>	<p>100 m ROW for a length of 200 m approximately on both sides of bridge may be adopted for the conceptual design purpose.</p>
			<p>Please let us know the total length of the bridge and the proposed alignment between Pavitra Sangam and N10 Road. Please also provide details of L Sections showing OGL and Formation Levels</p>	<p>Approximate length of proposed bridge is 2.5 to 3.2 Km</p>
			<p>what is the minimum span lengths as envisaged by the client? Please provide span configurations considering horizontal and vertical clearance for navigational requirements</p>	<p>Minimum span length envisaged is 100 m. Inland waterways guidelines/standards to be adopted as specified for Inland Waterway No 4 Navigational clearance shall be as per standards in reference to inland waterways.</p>

A. Per...

			Kindly provide general geotechnical information of the site to understand the foundation requirements	Will be provided during RFP stage to the shortlisted Applicants
			Please provide expected traffic in waterway- navigational lanes during the life-span of the bridge and the clearance required above HFL and Nos and locations of the lanes	Will be provided during RFP stage to the shortlisted Applicants
			Please provide information regarding water levels/water depths of River Krishna at the site of the Bridge	Will be provided during RFP stage to the shortlisted Applicants
			Please extend details of availability of land for casting yard, construction depot etc	
			We gather that Hon'ble Chief Minister of Andhra Pradesh prefers the concept of double-decker bridge with a foot-bridge above the roadway bridge. Does ADCL also prefer this, please confirm	The Applicant may make assumptions whatever deem to be fit for the conceptual designs.

H. P. K.

<p>Financial Criteria under Instruction to Applicants/Qualification Criteria (Stage 1) Page 11</p>	<p>Applicant should have</p> <p>i. Achieved in preceding 5 (Five) consecutive financial years ending on 31 March 2016, average annual financial turnover of (all classes of Civil Engineering works only) not less than Rs. 1200 Crores</p> <p>ii. Net worth (NW) for each of the 3 (Three) consecutive financial years ending on 31 March 2017 should be positive. Net worth (NW) = Share Capital + Reserves and Surplus - Miscellaneous Expenditure - Revaluation Reserves, if any</p>	<p>"Exhibit 5: Financial Capability of the Applicant" format is not having provision for filling of last five financial years annual turnover & last three financial years net worth details. Please Clarify</p>																																																
<p>Exhibit 5 : Financial Capability of the Applicant. Page 29</p>	<table border="1"> <thead> <tr> <th>Name of Applicant</th> <th>Role of Applicant</th> <th>Annual Turnover (INR Crores)*</th> <th>Net worth (INR Crores)*</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Name of Applicant	Role of Applicant	Annual Turnover (INR Crores)*	Net worth (INR Crores)*																					<table border="1"> <thead> <tr> <th>Name of Applicant</th> <th>Year</th> <th>Annual Turnover (INR Crores)*</th> <th>Net worth (INR Crores)*</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Name of Applicant	Year	Annual Turnover (INR Crores)*	Net worth (INR Crores)*																				
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D. Jeyaraj

		<p>The Applicant should have successfully completed at least one 4-lane Cable Stayed/Extradosed/Tied Arch/ Suspension Road Bridge with minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years</p>	<p>Please appreciate that in India only couple of projects of Cable Stayed/Extradosed/Tied Arch/Suspension Road bridge with minimum cable stay span of 100 m bridge over a river/creek/water body has been constructed during the last financial years.</p> <p>Also as per Reference Point No.2 of Selection Process, Category 1 Conventional Bridge Design is also to be considered. Hence, we request you to kindly consider the experience of Conventional Bridge also to qualification criteria.</p> <p>Accordingly, request you to kindly modify the criteria as follows: The Applicant should have successfully completed at least one 4-lane Cable Stayed/Extradosed/Tied Arch/Conventional Bridge/ Suspension Road Bridge with</p>	
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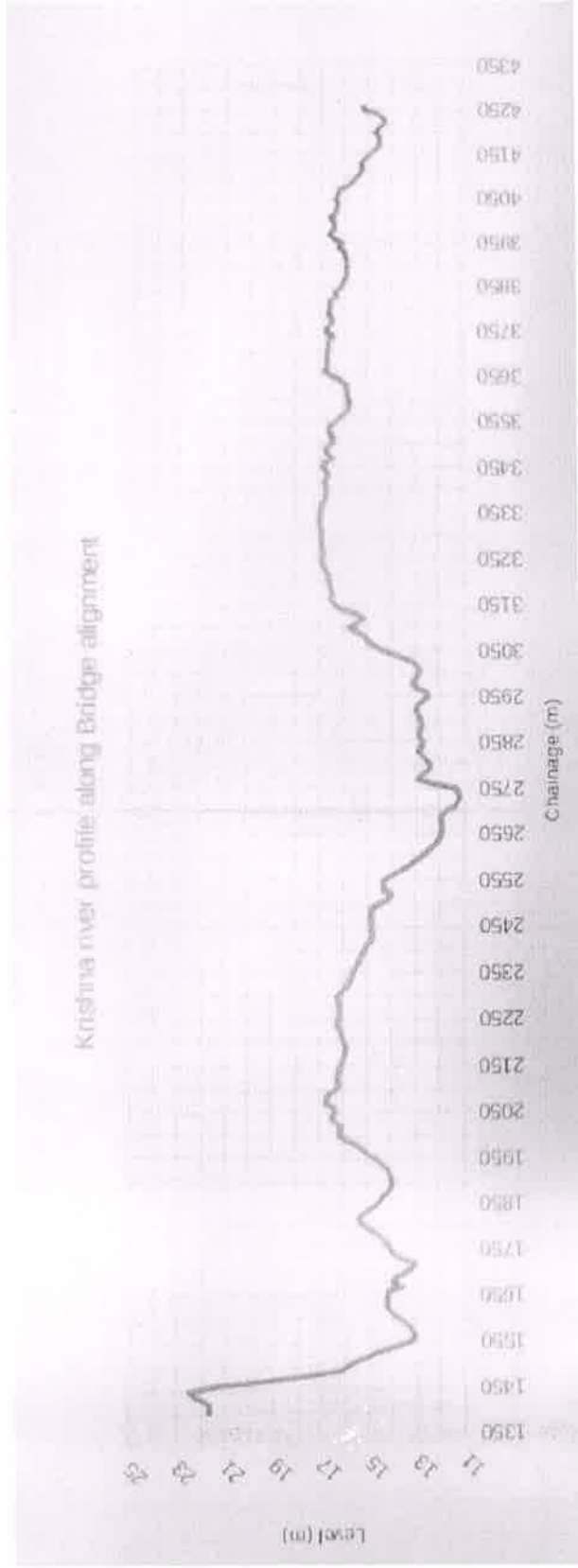
A. Per

			minimum cable stay span of 100 m Bridge over a river/creek/water body during the last Ten Financial Years	
		The Applicant shall have successfully completed at least one similar Project (Construction of Cable Stayed/Extradosed/Tied Arch/Suspension Road Bridge over a river/creek/water body) as a Prime Contractor costing not	We request you to kindly modify the eligibility criteria as follows: The Applicant shall have successfully completed at least one similar Project (Construction of Cable Stayed/Extradosed/Tied Arch/Conventional	EOI Clause prevails

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		less than INR 600 Crore at current price during last Ten Years	Bridge/Suspension Road Bridge over a river/creek/water body) as a Prime Contractor costing not less than INR 600 Crore at current price during last Ten Years	
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D. Pareek



Chainage from Pavitra sangam to Amaravati (Bund is not considered in Pavitra sangam side)

D. P. K.