



Assam Inland Water Transport Development Society

(An Autonomous Body under the Transport Department, Government of Assam)

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No.AIWTDS-270/2021/86

Dated, Guwahati, the 10th Sept'2021

Corrigendum-II

In reference to the tender notification no. AIWTDS/270/2021/50 dtd. 11/08/2021 for E-procurement of “Construction of Terminal and Riverine Infrastructure at Guwahati Gateway Ghat, Assam”, certain amendments enclosed as Annexure-A, have been incorporated in the bid document. Bidders are requested to take the note of these amendments prior to the submission of bid.

The last date for submission of bid has also been extended upto **5th October,2021 till 14:00 HRS (IST)**. The date & time of bid opening through e-procurement portal of govt. of Assam viz.www.assamtenders.gov.in is fixed on **5th October,2021 at 16:00 HRS (IST)**.

Rahul Ch. Das, ACS
Deputy State Project Director
Assam IWTD Society

Memo No.AIWTDS-270/2021/86-A

Dated, Guwahati, the 10th Sept'2021

Copy to:

- i) OSD to SPD,AIWTD Society for kind appraisal of the State Project Director, AIWTDS
- i) The Director, IWT Assam for information and publishing the Corrigendum-II in the website of DIWT www.iwtdirectorate.assam.gov.in
- ii) AIWTD Society's Website: www.aiwtdsociety.in
- iii) e-procurement portal of Govt. of Assam viz.www.assamtenders.gov.in
- iv) The Office Notice Board

Deputy State Project Director
Assam IWTD Society

CORRIGENDUM-II

“Contraction of Terminal and Riverine Infrastructure at Guwahati Gateway Ghat, Assam”

Reference Notice No.: AIWTDS-270/2021/86 Dated, 10th Sept'2021

Ref. Clause No.	As per RFB	Modifies as
Vol – I, Section – II, Clause 2, Sr. No – 4.1 (a) – General Construction Experience	Experience in construction contracts (port, waterway and bridge projects) in the role of prime contractor, JV member, for the last five years, starting 1st January,2016	Experience in construction contracts (port/ waterway/ bridge projects) in the role of prime contractor, JV member, for the last five years, starting 1 st January, 2016
Vol – I, Section – II, Clause 2, Sr. No – 4.2 (a) – Specific Construction & Contract Management Experience	<p>(i) A minimum number of similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or subcontractor between 1st January 2011 and bid submission deadline: 1 (ONE) contract within the last 10 years with a value of at least INR 95 Crs.</p> <p>(OR)</p> <p>Two (2) contracts, each of minimum value 70 crore but with total value of both contracts equal or more than 140 crore.</p> <p>The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Part 2, Employer’s requirements.</p> <p>Jetty or Harbour with RCC and Steel pile foundation in river /sea or construction of bridge in river executed under Item rate contracts shall also be considered as similar works.</p>	<p>(i) A minimum number of similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or subcontractor between 1stJanuary 2011 and bid submission deadline: 1 (ONE) contract within the last 10 years with a value of at least INR 95 Crs.</p> <p>(OR)</p> <p>Two (2) contracts, each of minimum value 70 crore but with total value of both contracts equal or more than 140 crore.</p> <p>The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Part 2, Employer’s requirements.</p> <p>Any of the following types of projects executed under Item Rate/EPC contracts shall be considered as similar works: (i) Jetty or Harbour with RCC/Steel pile foundation in river /sea. (OR)</p> <p>(ii) Construction of Bridge in River.</p>

Ref. Clause No.	As per RFB	Modifies as
	*Cost of works of previous years shall be increased by 5.24% per year based on Rupee value to bring them to 2020-21 price level.	*Cost of works of previous years shall be increased by 5.24% per year based on Rupee value to bring them to 2020-21 price level.
Vol – I, Section – II, Clause 2, Sr. No – 4.2 (b) – Specific Construction Experience	For the above and any other contracts [substantially completed and under implementation] as prime contractor/ joint venture member, between 1st January 2011 and Application submission deadline, a minimum construction experience in the following key activities successfully completed: Construction of Jetty of minimum size 60m in length in River / Sea or a Bridge of span more than 50m in Perennial River (and) Marine / Civil Works involving 1200 to 1500 mm dia steel tubular piles and minimum 1000 dia RCC piles of depth more than 40m	For the above and any other contracts [substantially completed and under implementation] as prime contractor/ joint venture member, between 1st January 2011 and Application submission deadline, a minimum construction experience in the following key activities successfully completed: (i) Construction of Jetty of minimum size 60m in length in River / Sea or a Bridge of length more than 50m in Perennial River (AND) (ii) Marine / Civil Works involving more than 1000 mm dia steel tubular piles of depth more than 40m (AND) (iii) Marine / Civil Works involving minimum 1000 dia RCC piles of depth more than 40m (or) wells/caissons (dia > 8 mtr) in perennial river.
Vol – I, Section – II, Clause 2, Sr. No – 4.2 (c) – Specific Construction Experience	c) For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum design experience in at least ONE contracts for the following key activities: Jetty or Harbour in river /sea and floating structures either Steel floating barges or Concrete floating barges	c) For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum design experience in at least ONE contracts for the following key activities: Jetty or Harbour in river /sea and floating structures either Steel floating barges or Concrete floating barges.

Ref. Clause No.	As per RFB				Modifies as			
					If Bidder engaged outside specialized design consultant for design , in such case, Bidder shall submit letter/MOU entered with the design consultant.			
Vol – II, Technical Specifications, Table of Contents, List of Enclosure	Enclosure (Provided separately) Enclosure 1 – Topography Enclosure 2 – Hydrography Enclosure 3 – Geo-technical Investigation Report				Enclosure (Provided separately) Enclosure 1 – Topography Enclosure 2 – Hydrography Enclosure 3 – Geo-technical Investigation Report Enclosure 4 – Detailed Project Report			
Vol – III, BoQ, Schedule -C, Sr. No 11 of CI 1.16	Sr. No	Item of Work	Percentage of Bid Amount		Sr. No	Item of Work	Percentage of Bid Amount	
	11	ON COMPLETION OF DEFECT LIABILITY PERIOD	1%	1%	11	ON COMPLETION OF DEFECT LIABILITY PERIOD	0.75%	0.75%

REPLIES TO PRE-BID QUERIES:

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
Page 32 / 3.1	Financial Capabilities	(i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 40 Crs for the subject contract(s) net of the Bidder's other commitments.	(i) The Bidder shall demonstrate that it has access to, <u>or has available working capital limits</u> , liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 40 Crs for the subject contract(s) net of the Bidder's other commitments.	Due to various RBI guidelines, banks are now a days reluctant to issue specific certificates for bidding purpose. Such criteria/requirements have now been removed by most other departments such as MORTH/PWD/Railway. As such, bank certificate regarding overall working capital limits or other funding sources should be allowed.	No Change.

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
				Accordingly, format on Page 68, entitled "FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CASH FLOW" may be deleted.	
Page 68	FIN 3.3	FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CASH FLOW	To be deleted	As noted above.	No Change
Page 33 / 4.1 (a)	General Construction Experience	Experience in construction contracts (port, waterway and bridge projects) in the role of prime contractor, JV member, for the last five years, starting 1st January, 2016.	Experience in construction contracts (<u>port/waterway/bridge</u> projects) in the role of prime contractor, JV member, for the last five years, starting 1st January, 2016.	To avoid confusion and for better clarity of prospective bidders, it is clarified that any of port, waterway or bridge will be considered.	Refer Corrigendum No. II



Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
Page 33 / 4.2 (a)	Specific Construction & Contract Management Experience	<p>(i) A minimum number of similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or sub-contractor between 1st January 2011 and bid submission deadline:</p> <p>1 (ONE) contract within the last 10 years with a value of at least INR 95 Crs.</p> <p>(OR)</p> <p>Two (2) contracts, each of minimum value 70 crore but with total value of both contracts equal or</p>	<p>(i) A minimum number of similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or sub-contractor between 1st January 2011 and bid submission deadline:</p> <p>1 (ONE) contract within the last 10 years with a value of at least INR 95 Crs.</p> <p>(OR)</p> <p>Two (2) contracts, each of minimum value 70 crore but with total value of both contracts equal or more than 140 Crs.</p> <p>The similarity shall be based on the physical size, complexity, methods/ technology or other</p>	<p>Since tender is on lump-sum/turnkey basis, flexibility must be given to the contractor to choose the type of foundation, i.e. caisson / well or RCC / steel pile. In case tenderer is having experience in any of the proposed construction methods in perennial rivers or sea, they should be considered.</p> <p>In mega rivers such as Brahmaputra, wells are generally preferred for better stability and protection against scour.</p>	Refer Corrigendum No. II

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		<p>more than 140 Crs.</p> <p>The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Part 2, Employer's requirements.</p> <p>Jetty or Harbour with RCC and Steel pile foundation in river/ sea or construction of bridge in river executed under item rate contracts shall also be considered as similar works.</p> <p>*Cost of works of previous years shall be increased by 5.24% per year based on Rupee</p>	<p>characteristics as described in Part 2, Employer's requirements.</p> <p><u>Any of the following types of projects shall be considered as similar works:</u></p> <p><u>(i) Jetty or Harbour with RCC and Steel pile foundation in river/ sea,</u></p> <p><u>or</u></p> <p><u>(ii) Construction of bridge in perennial river with floating caissons/wells or minimum 1200mm dia RCC/steel piles executed under EPC/item rate contracts.</u></p> <p>*Cost of works of previous years</p>		



Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		value to bring them to 2020-21 price level.	shall be increased by 5.24% per year based on Rupee value to bring them to 2020-21 price level.		
Page 34 / 4.2 (b)	Specific Construction Experience	For the above and any other contracts [substantially completed and under implementation] as prime contractor/ joint venture member, between 1st January 2011 and Application submission deadline, a minimum construction experience in the following key activities successfully completed: Construction of Jetty of minimum size 60m in length in River/ Sea or a Bridge of span more than 50m in Perennial River.	For the above and any other contracts [substantially completed and under implementation] as prime contractor/ joint venture member, between 1st January 2011 and Application submission deadline, a minimum construction experience in the following key activities successfully completed: (i) Construction of Jetty of minimum size 60m in length in River/ Sea, or a Bridge of single longest span more than 50m in Perennial River. (and)	Since tender is on lump-sum/turnkey basis, flexibility must be given to the contractor to choose the type of foundation, i.e. caisson / well or RCC / steel pile. In case tenderer is having experience in any of the proposed construction methods in perennial rivers or sea, they should be considered. In mega rivers such as Brahmaputra, wells are generally preferred for better stability and	Refer Corrigendum No. II

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		(and) Marine/ Civil Works involving 1200 to 1500mm dia steel tubular piles and minimum 1000 dia RCC piles of depth more than 40m	<u>(ii) RCC/steel tubular piles of 1200mm to 1500mm dia steel tubular, or wells/caissons (dia > 8 mtr) in perennial river having depth more than 40m</u>	protection against scour.	
Page 35 / 4.2 (c)	Specific Construction Experience	c) For the above or other contracts executed during the period stipulated in 4.2 (a) above, a minimum design experience in at least ONE contracts for the following key activities: Jetty or Harbour in river/ sea and floating structures either Steel floating barges or Concrete floating barges	c) For the above or other contracts executed during the period stipulated in 4.2 (a) above, a minimum design experience in at least ONE contracts for the any of the following key activities: <u>(i) Jetty or Harbour in river / sea</u> <u>or</u> <u>(ii) Steel / concrete floating</u>	Qualification of bidders with relevant design experience in either design of jetty or floating structures will enhance competition, while also ensuring that bidders with relevant technical experience are considered.	Refer Corrigendum No. II

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
			<u>structures or barges</u>		
Page 35 / 4.2 (d)	Bid Capacity	<p>Available Bid Capacity should be more than value of the Contract applied for Bid Capacity: The available bid capacity will be calculated as under: Assessed Available bid capacity = $(A*N*1.5-B)$</p> <p>Where, A = Maximum value of civil engineering works executed in any one year during the last five years (updated to the price level of the financial year 2020 at the rate of 5.24% per year), taking into account the completed as</p>	<p>Available Bid Capacity should be more than value of the Contract applied for Bid Capacity: The available bid capacity will be calculated as under: Assessed Available bid capacity = <u>$(A*N*2.5-B)$</u></p> <p>Where, A = Maximum value of civil engineering works executed in any one year during the last five years (updated to the price level of the financial year 2020 at the rate of 5.24% per year), taking into account the completed as well as works in progress).</p>	<p>As per the standard practice of MoRTH / NHAI / PWD, the multiplying factor in bid capacity formula may be modified as to 2.5 in place of 1.5.</p> <p>As it is impractical to obtain certification from Employer for each ongoing work, certificate of Statutory Auditor may also be permitted, as per the standard bidding documents of MoRTH / NHAI and other government departments.</p>	No Change.

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		<p>well as works in progress).</p> <p>N = Number of years prescribed for construction (excluding any maintenance/ operations period) of the works for which bids are invited (period up to 6 months to be taken as half-year and more than 6 months as one year).</p> <p>B = Value, at the current price level, of existing commitments and on-going works to be completed during the period of completion of the works for which bids are invited.</p> <p>Note: the statements in</p>	<p>N = Number of years prescribed for construction (excluding any maintenance/ operations period) of the works for which bids are invited (period up to 6 months to be taken as half-year and more than 6 months as one year).</p> <p>B = Value, at the current price level, of existing commitments and on-going works to be completed during the period of completion of the works for which bids are invited.</p> <p>Note: the statements in Section IV showing the value of existing commitments of on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the</p>		



Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		Section IV showing the value of existing commitments of on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer in charge, not below the rank of an Executive Engineer or equivalent.	Engineer in charge, not below the rank of an Executive Engineer or equivalent, <u>or by the Statutory Auditor of the Bidder.</u>		
Page 37 / Clause 3	Key Personnel	The Bidder must demonstrate that it will have suitably qualified (and in adequate numbers) minimum Key Personnel, as described in the Table below, that are required to perform the Contract. The Bidder shall provide details of the Key	Following provision to be added: <u>In case the bidder ties up with a reputed design engineering firm for the design work, they must submit an MOU to this effect along with the Bid. In such case, qualifications of the design firm's personnel will</u>	In practice, contractors generally engage outside design consultants for design of such specialised structures, and may not be having such personnel on their rolls. As such, this will ensure better participation in the bid, and also ensure that experienced design	Bidder may engage outside specialized design consultant for design over and above the Key personnel mentioned in the RFB. If Bidder engages outside specialized

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
		Personnel and such other Key Personnel that the Bidder considers appropriate, together with their academic qualifications and work experience. The Bidder shall complete the relevant Forms in Section IV, Bidding Forms.	<p><u>also be considered for Sl. 1 to 3.</u></p> <p><u>Or,</u></p> <p><u>An undertaking for deputing the key personnel as stated may be submitted by the bidder at bid stage.</u></p>	engineers are engaged for the project.	design consultant for design experience, in such case, Bidder shall submit letter/MOU from design consultant confirming their participation along with bidder.
Page 37 / Clause 4	Equipment	The Bidder must demonstrate that it has the key equipment (minimum) listed hereafter.	<p><u>To be deleted. In place following provision may be added:</u></p> <p><u>Bidder must submit an undertaking along with the bid, to deploy the key equipment as required on award of the contract.</u></p>	Since the work is of lumpsum/turnkey nature, the nature of equipment to be deployed will depend on the design scheme ultimately adopted by the Bidder. As such, an undertaking may be taken from the bidders for mobilizing relevant key equipment on award of the	Bidder to note that the minimum key equipment proposed is based on the design scheme adopted in the Tender. However, if the Bidder considers alternative design scheme, in such a case, the Bidder should submit the

Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
				contract.	minimum key equipment for execution of the alternative design scheme.
41 of 281/ 4.2.b	Specific Construction Experience	Marine / Civil Works involving 1200 to 1500 mm dia steel tubular piles and minimum 1000 dia RCC piles of depth more than 40m	We have executed 50m length, 1076mm dia tubular steel piles of 217 nos for LNG marine facilities for IOCL at Ennore Port Chennai. Considering the above, bidder requests Employer to consider the 1000mm dia and above for of tubular steel piles experience for qualification purpose.		Refer Corrigendum No. II
41 of 281/ 4.2.c	Specific Construction Experience	For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum design9 experience in at least ONE contracts for the following key	Incase of design experience for steel floating barges or concrete floating barges, bidder requests Employer to consider "specialized consultant's experience".		Refer Corrigendum No. II



Clause No.	Subject	Existing Requirement	Proposed Modification	Remarks	AIWTDS's Reply
41 of 281/4.2.c	Specific Construction Experience	<p>For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum design⁹ experience in at least ONE contracts for the following key activities:</p> <p>Jetty or Harbour in river /sea and floating structures either Steel floating barges or Concrete floating barges</p>	<p>Incase of design experience for steel floating barges or concrete floating barges, bidder requests Employer to consider "specialized consultant's experience".</p> <p>In such case, bidder shall submit letter from design consultant confirming their participation along with bidder.</p>		Refer Corrigendum No. II



Rahul Ch. Das, ACS
Deputy State Project Director
Assam IWTD Society.