

**Decisions taken during the pre bid meeting of the tender for preparation of Detailed Project Report for development of Mandovi river, Zuari river and Cumberjua canal in Goa for shipping and navigation, held on 13.8.10**

1) Pre bid meeting on the tender for the above mentioned project was held on 13.8.10 at 1500 hrs in the conference room of IWAI, Noida. Following were present in this meeting.

**IWAI**

- i) Shri S.S. Pandian, Chief Engineer
- ii) Shri S. Jayaraman, Chief Accounts Officer
- iii) Shri R.P.Khare, Director (P&C)
- iv) Shri Surendra Singh, AD
- v) Shri G. Prashanth, Sr.JHS

**Representatives of prospective bidders**

- i) Shri A.M. Mishra, DGM (Civil), RITES Ltd., Gurgaon
- ii) Dr. B. Sakthivel, Engineering Manager L&T, Chennai
- iii) Ms Ritu Khanna, Manager (Busi. Dev.), DHI (I), Water & Environment Pvt. Ltd., Delhi
- iv) Dr. Jagan Kumar Jane, Sr. Scientist, DHI (I) Water & Environment Pvt. Ltd., Delhi
- v) Dr. M.S. Bhat, HR Wallingford, Delhi
- vi) Shri K.K. Ray, Consulting Engineering Services (I) Pvt Ltd, Delhi

2) Queries on terms and conditions of tender document of IWAI were received vide letter no. MUM/31/2010-11 dt. 3.8.10 from M/s. Deloitte Touche Tohmatsu India Pvt Ltd, Mumbai, Consulting Engineering Services Pvt. Ltd, vide letter no. PB/MN/099 dt. 23.7.10 and from DHI (I) Water and Environment Pvt. Ltd vide letter no. NIL dated 13.8.10. All these queries were discussed during pre bid meeting apart from the additional issues raised by the representatives of the prospective bidders who attended the meeting. After discussion, following decisions were taken with respect of modifications in the tender document.

- (i) The date of submission of bids is extended to 1500 hrs of 15.9.10. The “Technical bids” will be opened on the same day at 1530 hrs.
- (ii) The Consultants are required to procure satellite imageries of the proposed waterways for 3 years in the last 10 years at a gap of 4-5 years. For example, satellite imaginary for the years 2000, 2005 and 2010 (or of one year before or after) may be procured for necessary study by the

consultant. Copies of the satellite imageries studied by the consultants shall be submitted to IWAI in A-4 size along with the report.

(iii) Regarding hydrographic survey of these rivers, the representatives of the consultant confirmed that the Govt of Goa shall provide detailed hydrographic survey charts carried out by them during 2000-2003 on payment basis. It was decided that Thalweg survey (longitudinal hydrographic survey along deepest part of navigation channel) shall be carried out by the consultant to verify the survey charts to be provided by Govt of Goa.

(iv) An Index map of the project area available with IWAI is enclosed.

(v) No estimate of the tentative number of man-months shall be provided by IWAI. Based on the scope of work defined in the tender document, the man-months have to be estimated by the bidders themselves.

(vi) Extension of time without Liquidated Damages (LD) for carrying out the study as per the tender document can be considered by IWAI if it is convinced that the delay is on account of IWAI.

(vii) The bid can be submitted by a single firm/company/corporation/partnership firm/consortium who may individually or jointly commit to implement the project. If the bid is by a consortium of firms, lead partner/firm should be specified and requisite information/documents should be given in respect of each consortium partner. Nature of association among partners should also be detailed out. Acceptable evidence of formation of the consortium should be furnished. A member of particular consortium cannot be a member of any other consortium bidding for this project.

(viii) The duration of the study is 12 months from the signing of agreement.

(ix) IWAI shall not make any payment for any additional work such as surveys, investigations etc. The consultants have to quote the fee for all the works required to complete the study as per the tender document.

(x) In **clause 3** (Terms of Reference), following changes are made in various sub clauses:-

a) Following sentence is added in sub clause (i) at the end.

“Conduct Thalweg survey (longitudinal hydrographic survey along deepest channel) to verify the hydrographic survey charts collected from Govt of Goa”.

b) In respect of sub-clause (vii), it is clarified that primary topographic survey mean spot levels connected with a bench mark to depict general features of the area and its Reduced Level. Further, items b, c & d of this sub clause, stand deleted.

c) In sub clause (x), sub item (a) stands deleted.

d) The following paragraph shall be added at the end of sub clause (xi).

“For preliminary engineering designs, the data about soil characteristics shall be collected from the local sources based on the structures constructed nearby. In addition, wherever required, consultant may obtain soil data through trial pits/plate load test etc and preliminary designs shall be based thereon. In case of critical structures, consultant can suggest that detailed soil investigation including borehole tests etc and detailed design may be done before actual execution of the work”.

e) Sub clause (xii) stands deleted

f) Sub clause (xiii) is modified as below:

“Study should suggest the requirement of waiting dolphins in the Cumburjua canal and give preliminary design, drawing and cost thereof”.

g) Sub clauses (xiv) and (xv) stand deleted.

h) The sub clause (xvi) is modified as below:-

“The road and rail bridges and foot bridges crossing the navigation routes shall be studied with respect to horizontal and vertical clearances and recommendation made on measures required to permit uninterrupted navigation. In this regard, IWAI (classification of inland waterways in India) Regulations 2006 shall also be studied”.

i) Following shall be added at the end of sub clause (xviii):

“Only rapid EIA/EMP study is envisaged for which one season data shall be sufficient. However, all necessary information should be given in the report to enable IWAI/Govt. of Goa to approach concerned authorities for getting environmental clearance for undertaking the works proposed in the DPR”.

(xi) In sub clause (A) (i) of **Clause 4** (Submission of Reports), the words “award of work” are replaced with the words “signing of agreement”.

(xii) In sub clause (ix) of **Clause 9** (General Conditions of Contract), the rate of service tax has been mentioned as 10.36% due to typographical error. This may be read as 10.30%.

(xiii) In sub clause (a) of **Clause 17.1** (Part A–Technical bid), “Clause 13” is to be read “Clause 14”.

(xiv) In sub clause (a) of **Clause 18** (Evaluation of Bids), the words “5 years”, are substituted with “10 years”.

(xv) In **Annexure-III** under the heading “Duration of study & time of submission” the duration has been erroneously mentioned as “18 months from the date of work order”. This should be read as “12 months from the date of signing of agreement.

3. An “Addendum” to the tender document based on above decisions is also enclosed.

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Enclosure: 1. Index map

2. Addendum to tender document

***Addendum to the tender document for preparation of Detailed Project Report for development of Mandovi river, Zuari river and Cumberjua canal in Goa for shipping and navigation (based on the decisions taken in the pre bid meeting held on 13.8.10)***

1. The date of submission of bids is extended to 1500 hrs of 15.9.10. The “Technical bids” will be opened on the same day at 1530 hrs.
2. The Consultants are required to procure satellite imageries of the proposed waterways for 3 years in the last 10 years at a gap of 4-5 years. For example, satellite imaginary for the years 2000, 2005 and 2010 (or of one year before or after) may be procured for necessary study by the consultant. Copies of the satellite imageries studied by the consultants shall be submitted to IWAI in A-4 size along with the report.
3. The Thalweg survey (longitudinal hydrographic survey along deepest part of navigation channel) shall be carried out by the consultant to verify the survey charts to be provided by Govt of Goa.
4. Extension of time without Liquidated Damages (LD) for carrying out the study as per the tender document can be considered by IWAI if it is convinced that the delay is on account of IWAI.
5. The bid can be submitted by a single firm/company/corporation/partnership firm/consortium who may individually or jointly commit to implement the project. If the bid is by a consortium of firms, lead partner/firm should be specified and requisite information/documents should be given in respect of each consortium partner. Nature of association among partners should also be detailed out. Acceptable evidence of formation of the consortium should be furnished. A member of particular consortium cannot be a member of any other consortium bidding for this project.
6. The duration of the study is 12 months from the signing of agreement.
7. In **clause 3** (Terms of Reference), following changes are made in various sub clauses:-
  - a) Following sentence is added in sub clause (i) at the end.

“Conduct Thalweg survey (longitudinal hydrographic survey along deepest channel) to verify the hydrographic survey charts collected from Govt of Goa”.

b) In respect of sub-clause (vii), it is clarified that primary topographic survey mean spot levels connected with a bench mark to depict general features of the area and its Reduced Level. Further, items b, c & d of this sub clause, stand deleted.

c) In sub clause (x), sub item (a) stands deleted.

d) The following paragraph shall be added at the end of sub clause (xi).

“For preliminary engineering designs, the data about soil characteristics shall be collected from the local sources based on the structures constructed nearby. In addition, wherever required, consultant may obtain soil data through trial pits/plate load test etc and preliminary designs shall be based thereon. In case of critical structures, consultant can suggest that detailed soil investigation including borehole tests etc and detailed design may be done before actual execution of the work”.

e) Sub clause (xii) stands deleted

f) Sub clause (xiii) is modified as below:

“Study should suggest the requirement of waiting dolphins in the Cumburjua canal and give preliminary design, drawing and cost thereof”.

g) Sub clauses (xiv) and (xv) stand deleted.

h) The sub clause (xvi) is modified as below:-

“The road and rail bridges and foot bridges crossing the navigation routes shall be studied with respect to horizontal and vertical clearances and recommendation made on measures required to permit uninterrupted navigation. In this regard, IWAI (classification of inland waterways in India) Regulations 2006 shall also be studied”.

i) Following shall be added at the end of sub clause (xviii):

“Only rapid EIA/EMP study is envisaged for which one season data shall be sufficient. However, all necessary information should be given in the report to enable IWAI/Govt. of Goa to approach concerned authorities for getting environmental clearance for undertaking the works proposed in the DPR”.

8. In sub clause (A) (i) of **Clause 4** (Submission of Reports), the words “award of work” are replaced with the words “signing of agreement”.

9. In sub clause (ix) of **Clause 9** (General Conditions of Contract), the rate of service tax may be read as 10.30% in place of 10.36%

10. In sub clause (a) of **Clause 17.1** (Part A–Technical bid), “Clause 13” is to be read “Clause 14”.

11. In sub clause (a) of **Clause 18** (Evaluation of Bids), the words “5 years”, are substituted with “10 years”.

12. In **Annexure-III** under the heading “duration of study & time of submission” the duration has been erroneously mentioned as “18 months from the date of work order”. This should be read as “12 months from the date of signing of agreement.

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