

Pre bid Queries & Clarifications Furnished

Date: 03.11.2011

Consultancy Services for the Preparation of Detailed Project Report for Improvements to Thiruvottiyur – Ponneri – Panchetti (TPP) Road, North Chennai Thermal Power Station (NCTPS) Road, and Ennore Port Road for Movement of 575MT Special Transport vehicle (STV) – in Chennai, Tamil Nadu

S No	Query Raised	Response / Clarification
1	In page no.22, in section 5.2 (C) of Data Sheet: Qualification and competence of the key staff for the assignment for Team Leader, educational qualification is mentioned that Post Graduation in Highway/Transportation Engineering. As the project needs more structural engineering input to design new structures and strengthening of existing structures, Please clarify whether the Team Leader may be a PG from discipline of Civil/structural engineering.	The Team Leader, can also be a Post Graduate in Structural Engineering and marks will be awarded in this regard.
2	In page no.23, in section 5.2 (C) of Data Sheet: Qualification and competence of the key staff for the assignment for Survey Engineer, educational qualification is mentioned that Post Graduation in Survey Engineering. No post graduation is available in Survey. Please modify the Survey Engineer's qualification as a graduate or a diploma from discipline of Civil Engineering.	Candidate with Diploma in Civil / Survey Engineering, shall also be considered. Please refer page no.23, of Appendix to Data Sheet (C) Sl.No.3. it clearly states that " If the Candidate is a Diploma in Civil / Survey Engineering, the candidate should have minimum experience of 10 years" .
3	In page no.44, in section 5 (C-3): Whether NDT tests will be conducted for the existing structures to assess their strength. These tests are not mentioned in the Appendix C3 (II). Please clarify. Also please provide the indicative quantities for boring in soil and rock in order to arrive at parity in the Financial Proposal of all bidders; otherwise there may be wide variations in the financial proposal	The NDT assessment shall be conducted for Nappalayam Bridge, and a lump sum cost for the same shall be included in the proposal in Appendix C-3 (II)-Provision for Investigations and Engineering Surveys, as a separate item. Refer S No 7 of Amendment 1 The minimum scope of Geo- Technical investigations for bridges and structures are indicated in a table in page no.50, section 6 -ToR point no. 3(viii). Adequacy of investigations and engineering surveys shall be assessed by the consultants.
4	In page no.55, in section 6 (3-xix): Whether base line status of environmental attributes will be collected. Please clarify.	Yes, The baseline study has to be conducted . Please refer page no.48, section 6 -ToR point no.3(iv)
5	In page no.56 & 57, in section 6 (3-xix (f) & xx): All the statutory payments required for approval shall be made by owner only. Consultant can not apply for approval. We can provide all necessary documents required for approval. Please clarify.	All the statutory payments required for approval shall be made by the Client. However, the consultant shall assist in getting clearance, provide all the necessary documents required for the approval and attend meetings related to all clearances. All other terms and conditions stipulated ToR shall apply.
6	In page no.54, in section 6 (3-xvii & xviii): Is the road tollable?. Project includes 6.5km length of NHAI road. Please clarify.	Not tollable. All toll related items in the TOR shall not be applicable. Also refer S No 3 of Amendment 1

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7	TL cum Senior Highway: Since there are number of structures are involved for this project. Team leader could be Senior Structural Engineer.	Refer S.no.1 above
8	Sr. Bridge Engineer. This position could be Sr. Highway Engineer.	No Change
9	Surveyor – post graduate not available. Diploma/ Graduate with Civil Engineer are enough. This could be relaxed by keeping the same marks.	Refer S.no.2 above
10	Quantity Survey Engineer – Graduate is enough. Post Graduation in Civil / Highway Engineering is not required?	No Change
11	Data to be supplied by TNRDC – please list	Feasibility reports as available with TNRDC shall be given to the Consultants.
12	Utility Mapping – Please clarify	Utility mapping is mainly required for NCTPS & Ennore Port road as per the terms stipulated in the ToR
13	What is expected from Environmental Specialist?	Environmental Specialist is required for carrying out necessary ESIA study and report preparation for getting clearances required for the project as stipulated in the ToR
14	What is expected from Transport Economist?	Transport Economist is not required. Kindly refer S no.6 above. Also Refer S No 5 & 6 of Amendment 1
15	Nodal Officer from TNRDC/ Individual Dept of Govt for coordinating and liaison between various agencies.	The Nodal officer from TNRDC shall be General Manager- Projects for coordinating between various agencies.
16	Connecting road from factory to TPP road not included in scope.	Not Required. The chainages given in the RFP holds good.
17	Page 50- Greater than 60m – 2 abutments & 1 pier is sufficient at this stage.	Refer S No.3 above
18	All payment to railways to be paid by TNRDC.	Refer S No.5 above
19	If railways insist on IIT approvals for ROB, it is to be paid by TNRDC.	Refer section 6 - ToR ,S No.3(xxi). The Consultant shall proof check their Designs and Drawings from reputed institutions like IIT, Anna University etc. The cost of this item shall also be included in the proposal
20	CRS clearance for construction related issues cannot be in consultant's scope.	Yes.

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21	Road Safety audit – please explain	Not Required. Also refer S No 2 of Amendment 1
22	Page 52- Is there any requirement of Toll Plaza?	Refer S No 6 above
23	Drainage only for TPP road or other roads too.	It shall be done for NCTPS road and Ennore Port road as per relevant IRC specification and as per the conditions stipulated in the ToR.
24	Page 53: CRZ Regulations – Not Clear	CRZ as applicable for the project shall be taken care of.
25	Any proof checking is there?	Proof Checking shall be done for structures. Also refer S no 19 above
26	Pg 54- Re-routing of utility lines (15)	Refer S No.12 above
27	Page 54 of TOR : Section 16 on Road furniture – Not clear. PI explain the scope of work.	It shall be done for NCTPS and Ennore Port Road as per the conditions stipulated in the ToR.
28	Page 54 of TOR :Section 18 on Economic and Financial analysis - Not clear. PI explain the scope of work	Refer S No.6 above. Also Refer S No 4 of Amendment 1.
29	Page 55 of TOR :Section 19 on Environmental Study- Not clear. PI explain the scope of work	Environmental studies shall be conducted for NCTPS road and Ennore port road as per the conditions stipulated in the ToR.
30	Scope of work covers right carriageway of TPP road and its service road on both sides.	The scope of work shall be as per the ToR
31	Should 4 laning of entire stretch include NCTPS & EPL roads to be considered if traffic demand for the same.	Four laning is not required.
32	Time period – 4 months: Need to be more, since many agencies are included like (a) IWA, (b) EB, (c) NHAI, (d) Railways.	No Change
33	IWA demands heavier in comparative to existing bridges on Buckingham canal and Pulicat back water. It can't be met with. How to proceed with.	Requirements of IWA shall be adhered to
34	Lot of issues will be with railways. GAD approval/ Design approval/ Construction approvals etc., - Time limit can't committed.	No Change

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35	Extend submit date by 15 days after issuing pre-bid clarifications.	The deadline for submission of proposal is extended till 16.11.2011, 15:00 hrs. All the rights and obligations of the bidders and the employer previously subject to the original deadline will be subject to the new deadline.
36	Page no. 53: Review of existing bridge conditions and adequacy: Who will be paying the cost?	Refer S No.3 above
37	Page no. 51: (TOR no. 10) -Land requirement is in the form of plan or including LA schedule	Only the land area requirement shall be provided in the form of plan. Refer to S No 3 (x) & (xxiv) of ToR
38	Page no. 51: (12) OD survey not mentioned. Axle Load Survey is required or not?	Not Required. Also refer S No. 1 & 7 of Amendment 1
39	Is Road safety audit by DPR consultant own or third party? (13)	Refer S No.21 above.
40	Payment Clause 5.5: On furnishing of Draft DPR 20% payment may be increased to 40% because most of the work shall be completed at this stage.	Refer S No. 8 of Amendment 1
41	PI include middle level Bridge design engineer to the Key staff.	No Change
42	Page 108- appendix E of TOR : Since the design is office based work, we suggest that working days to be mentioned as 5 days instead of 6 days.	No Change