**Name of Work: Construction Supervision (CSC) Consultancy Services for Chennai Peripheral Ring Road of Section II**

**REOI Notice No: 7/CPRR/ADE/2020-2021 dated: 25.08.2020**

**RFP No: 03/TNRIDC/CPRR/CSC 01 dated: 29.10.2020**

**Addendum No. 1Dated:** \_\_\_.11.2020

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Clause No. & Page No.** | **As existing** | **As amended** | **Reference to Sl. No. of Reply to queries** |
|  | **Section 2**  **E. Data Sheet**  **Cl.14.1.2**  **Pg. No. 32** | |  |  | | --- | --- | | **14.1.2** | **Estimated Key Experts’ time-input: 253 person-months.** | | |  |  | | --- | --- | | **14.1.2** | **Estimated Key Experts’ time-input: 271 person-months.** | | **Sl. No. 15 of Reply to queries** |
|  | **Section 2**  **E. Data Sheet**  **Cl.14.1.3**  **Pg. No. 32** | |  |  | | --- | --- | | **14.1.3**  (use for time-based contracts only) | **The Consultant’s Proposal must include the minimum Key Experts’ time-input of 253 person-months.**  **For the evaluation and comparison of Proposals only: if a Proposal includes less than the required minimum time-input, the missing time-input (expressed in person-month) is calculated as follows: The missing time-input is multiplied by the highest remuneration rate for a Key Expert in the Consultant’s Proposal and added to the total remuneration amount.**  **Proposals that quoted higher than the required minimum of time-input will not be adjusted**. | | |  |  | | --- | --- | | **14.1.3**  (use for time-based contracts only) | **The Consultant’s Proposal must include the minimum Key Experts’ time-input of 271 person-months.**  **For the evaluation and comparison of Proposals only: if a Proposal includes less than the required minimum time-input, the missing time-input (expressed in person-month) is calculated as follows: The missing time-input is multiplied by the highest remuneration rate for a Key Expert in the Consultant’s Proposal and added to the total remuneration amount.**  **Proposals that quoted higher than the required minimum of time-input will not be adjusted**. | | **Sl. No. 15 of Reply to queries** |
|  | **Section 2**  **E. Data Sheet**  **Cl.17.7 and 17.9**  **Pg. No. 34** | |  |  | | --- | --- | | **17.7 and 17.9** | **The Proposals must be submitted no later than:**  **Date:** 27.11.2020  **Time:** 16:00 Hrs    **The Proposal submission address is:**  The Executive Director,  Tamil Nadu Road Infrastructure Development Corporation  No.735, 4th Floor, LLA Building,  Anna Salai, Chennai-600 002.  Ph.: +91 – 44 – 28520000, 28543333  Fax: +91 – 44 – 28521717  e-mail : [ridc2005@yahoo.co.in](mailto:ridc2005@yahoo.co.in) | | |  |  | | --- | --- | | **17.7 and 17.9** | **The Proposals must be submitted no later than:**  **Date:** 14.12.2020  **Time:** 16:00 Hrs    **The Proposal submission address is:**  The Executive Director,  Tamil Nadu Road Infrastructure Development Corporation  No.735, 4th Floor, LLA Building,  Anna Salai, Chennai-600 002.  Ph.: +91 – 44 – 28520000, 28543333  Fax: +91 – 44 – 28521717  e-mail : [ridc2005@yahoo.co.in](mailto:ridc2005@yahoo.co.in) | | **Sl. No. 3 & 24 of Reply to queries** |
|  | **Section 2**  **E. Data Sheet**  **Cl.19.1**  **Pg. No. 34** | |  |  | | --- | --- | | **19.1** | **An online option of the opening of the Technical Proposals is offered:** No.  **The opening shall take place at:**  Office of the Executive Director,  Tamil Nadu Road Infrastructure Development Corporation  No.735, 4th Floor, LLA Building,  Anna Salai, Chennai-600 002.  Ph.: +91 – 44 – 28520000, 28543333  City: Chennai.  Country: India  **Date**: same as the submission deadline indicated in 17.7.  **Time:** 17:00 Hrs | | |  |  | | --- | --- | | **19.1** | **An online option of the opening of the Technical Proposals is offered:** No.  **The opening shall take place at:**  Office of the Executive Director,  Tamil Nadu Road Infrastructure Development Corporation  No.735, 4th Floor, LLA Building,  Anna Salai, Chennai-600 002.  Ph.: +91 – 44 – 28520000, 28543333  City: Chennai.  Country: India  **Date:** 14.12.2020  **Time:** 17:00 Hrs | | **Sl. No. 3 & 24 of Reply to queries** |
|  | **Section 2**  **E. Data Sheet**  **Cl.21.1**  **Pg. No. 35** | Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:  Points   |  |  |  | | --- | --- | --- | | Sl.  No | Description | Points | | (i) | Specific experience of the Consultant (as a firm) relevant to the Assignment | **10** | | (ii) | Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs)   |  |  | | --- | --- | | Proposed methodology& Work plan | 5 | | Response to TOR | 5 | | Skill balancing and overall Team Composition, | 10 | | **Total** | **20** | | **20** | | (iii) | Key Experts’ qualifications and competence for the Assignment   |  |  | | --- | --- | | Team Leader cum Senior Highway Engineer | 10 | | Resident Engineer (EPC1) Road work | 8 | | Resident Engineer (EPC2) | 8 | | Senior Structural/ Bridge Engineer | 6 | | Cost & Contracts Engineer | 6 | | Quality & Material Engineer (EPC1) | 6 | | Quality & Material Engineer (EPC 2) | 6 | | Senior Road safety engineer | 5 | | Geotechnical Engineer | 4 | | Senior ITS Specialist | 3 | | Health Expert | 3 | | **Total** | **65** |   The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:   |  |  |  | | --- | --- | --- | | Sl.No | Description | Weight | | 1 | General qualifications (general education, training, and experience): | 20% | | 2 | Adequacy for the Assignment | 70% | | 3 | Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.) | 10% | |  | **Total weight** | **100** | | **65** | | (iv) | Transfer of knowledge (training) program (relevance of approach and methodology) | **5** | |  | Total points | **100** |   *Total points for the four criteria: 100*  **The minimum technical score (St) required to pass is***:***75** | Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:  Points   |  |  |  | | --- | --- | --- | | **Sl**  **.No** | **Description** | **Points** | | (i) | Specific experience of the Consultant (as a firm) relevant to the Assignment | **10** | | (ii) | Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (TORs)   |  |  |  | | --- | --- | --- | | **Sl.No** | **Description** | **Points** | | 1. | Proposed methodology& Work plan | 5 | | 2. | Response to TOR | 5 | | 3. | Skill balancing and overall Team Composition:   |  |  |  | | --- | --- | --- | | **Sl.No** | **Description** | **Points** | | i | FORM TECH-4 (FOR FULL TECHNICAL PROPOSAL ONLY) -   |  |  | | --- | --- | | Hierarchy of Organization and Staffing Pattern | 3 | | Availability of Technical and Administrative support staff pattern | 2 | | 5 | | ii | FORM TECH-6 (FOR FTP AND STP)  Overall Team Composition:   |  |  | | --- | --- | | Identification /Naming of Sub Key Personnel’s | 3 | | Proportionate Availability ( Input Months) of Key and Sub Key Personnel | 2 | | 5 | | 10 | |  | **Total** | **20** | | **20** | | iii) | Key Experts’ qualifications and competence for the Assignment   |  |  |  | | --- | --- | --- | | SL .No | Key Personnel | Marks | |  | Team Leader cum Senior Highway Engineer | 10 | |  | Resident Engineer (EPC 01) | 8 | |  | Resident Engineer (EPC 02) | 8 | |  | Senior Structural/ Bridge Engineer | 6 | |  | Cost & Contracts Engineer | 6 | |  | Quality & Material Engineer (EPC 01) | 6 | |  | Quality & Material Engineer (EPC 02) | 6 | |  | Senior Road safety engineer | 5 | |  | Geotechnical Engineer | 4 | |  | Senior ITS Specialist | 3 | |  | Health Expert | 3 | |  | **Total** | **65** | | **65** | | The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:   |  |  |  | | --- | --- | --- | | Sl.No | Description | Weight | | 1 | General qualifications (general education, training, and experience): | 20% | | 2 | Adequacy for the Assignment | 70% | | 3 | Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.) | 10% | |  | **Total weight** | **100** | | | (iv) | Transfer of knowledge (training) program (relevance of approach and methodology) | **5** | |  | Total points | **100** |   *Total points for the four criteria: 100*  **The minimum technical score (St) required to pass is***:***75** | **Sl. No 5 of Reply to queries** |
|  | **Section 7 Terms of Reference Cl. No. 3.1 & 3.2**  **Pg. No. 80** | 1. **Team Composition & Qualification Requirements**    1. The Team Leader should have expertise of two major external aided (World Bank/ADB/JICA) Projects in Developed Countries in the capacity of Team Leader or Resident Engineer.    2. For other key experts candidates with international exposure in World Bank/ADB/JICA aided projects in developed countries shall be given additional preference during evaluation. | 1. **Team Composition & Qualification Requirements**    1. The Team Leader should have expertise of **One** major Project **in similar or equivalent contracts in terms of scope, nature and size** in the capacity of Team Leader or Resident Engineer Preferably in external aided (World Bank/ADB/JICA) Projects.    2. For other key experts candidates should have expertise of projects **in similar or equivalent contracts in terms of scope, nature and size** Preferably in external aided (World Bank/ADB/JICA) Projects. | **Sl. No. 11 of (Question 1 to 8)**  **and**  **Sl. No. 13 of (Question 1 to 2)**  **Reply to queries** |
|  | **Section 7 Terms of Reference**  **Pg. No.82** | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | | **S. No.** | **Position** | **Education Qualification** | **General Experience** | **Experience in the Sector** | **Similar capacity** | **Preferable Experience in Multi-lateral / Bi lateral Funded Projects** | **Description** | | 1. | Team Leader | B.E Civil with  Master degree in Civil Engineering or equivalent | 20 years | 15 years | 10 years | 3 years | Thorough experience in supervision and management of major highway projects is essential. Experience in design of highway, knowledge of various codes pertaining to highway design is required and should have involved in design of similar highway projects; knowledge of international ‘best practices’ and modern highway construction technology is essential. The candidate must have proven record of having worked as Team Leader for construction supervision and management of at least ONE large (50 km 2-lane or 25 km 4-lane or 20 km 6-lane or of INR.**3500 million**) highway projects. Should have experience in various contracts modes and experience in developed countries is preferable. | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | | **S. No.** | **Position** | **Education Qualification** | **General Experience** | **Experience in the Sector** | **Similar capacity** | **Preferable Experience in Multi-lateral / Bi lateral Funded Projects** | **Description** | | 1. | Team Leader | B.E Civil.  **PreferablyMaster degree in Civil Engineering or equivalent** | 20 years | 15 years | 10 years | 3 years | Thorough experience in supervision and management of major highway projects is essential. Experience in design of highway, knowledge of various codes pertaining to highway design is required and should have involved in design of similar highway projects; knowledge of international ‘best practices’ and modern highway construction technology is essential. The candidate must have proven record of having worked as Team Leader for construction supervision and management of at least ONE large (50 km 2-lane or 25 km 4-lane or 20 km 6-lane or of INR.**3500 million**) highway projects. Should have experience in various contracts modes and experience in developed countries is preferable. | | **Sl. No. 11 of (Question 1 to 8)**  **and**  **Sl. No. 13 of (Question 1 to 2)**  **Reply to queries** |
|  | **Section 7 Terms of Reference**  **Pg. No.84** | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | | **S. No.** | **Position** | **Education Qualification** | **General Experience** | **Experience in the Sector** | **Similar capacity** | **Preferable Experience in Multi-lateral / Bi lateral Funded Projects** | **Description** | | 8. | Senior ITS Specialist | B.E. Civil and Master degree in Highway / or equivalent | 15 years | 5 years | 5 years | 1 years | Thorough knowledge and experience in ITS design, Construction with knowledge of international best practices. Must have worked on similar or equivalent position on at least ONE large (50 km 2lane or 25 km 4-lane or 20 km 6-lane or of INR.2000 million) highway project. | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  |  | | **S. No.** | **Position** | **Education Qualification** | **General Experience** | **Experience in the Sector** | **Similar capacity** | **Preferable Experience in Multi-lateral / Bi lateral Funded Projects** | **Description** | | 8. | Senior ITS Specialist | B.E. Civil and  **Preferably**  **Master degree in Highway / or equivalent** | 15 years | 5 years | 5 years | 1 years | Thorough knowledge and experience in ITS design, **Road Safety Audit** Construction with knowledge of international best practices. Must have worked on similar or equivalent position on at least ONE large (50 km 2lane or 25 km 4-lane or 20 km 6-lane or of INR.2000 million) highway project. | | **Sl. No. 13 of (Question 5 to 9)**  **Reply to queries** |
|  | **Section 7 Terms of Reference**  **Cl. 3.3 of last Para**  **Pg. No. 85** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Sl. No** | **Description** | **Quantity** | **Input** | **Total Man Months** | | 1. | Team Leader / Highway Engineer | 1 | Continuous | 12 | | 2. | Field Engineer – Roads | 1 | Intermittent | 6 | | 3 | ITS Engineer O&M | 1 | Intermittent | 6 | | 4 | Quantity Surveyor | 1 | Intermittent | 6 |   **For the maintenance period of 1st year, following personnel are required as a minimum.**  **\***Preferable age limit for Team Leader is 65 years, Key-personnel is 60 years and non-key personnel is 55 years on the date of signing of agreement.  If the age of key/ non-key personnel is above the preferred age limits, it is requested to establish good health condition by producing a physical fitness certificate to do the field works.  Note: The concerned key-personnel should be available in case of any eventuality that might arise where there is a change in the schedule of construction activities as such the personnel should be re-deployed at a particular period of time where his service is necessary without cost compensation.  *The required key and non-key personnel are needed to be deployed to suit the schedule of construction activities of respective project roads included in this package. In prior consultation with the client, the Authority’s Engineer shall mobilize, schedule and deploy the personnel depending upon the site requirement within the total man-months prescribed/ agreed.* | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Sl. No** | **Description** | **Quantity** | **Input** | **Total Man Months** | |  | **Key Personnel** | | | | | 1. | **Team Leader cum Senior Highway Engineer** | 1 | Continuous | 12 | | 2. | **Senior ITS Specialist** | 1 | Intermittent | 6 | |  | **Total** | | | **18** | |  | **Sub Key Personnel** | | | | | 3. | Field Engineer – Roads | 1 | Intermittent | 6 | | 4. | Quantity Surveyor | 1 | Intermittent | 6 | |  | **Total** | | | **12** |   **For the maintenance period of 1st year, following personnel are required as a minimum.**  **\***Preferable age limit for Team Leader is 65 years, Key-personnel is 60 years and non-key personnel is 55 years on the date of signing of agreement.  **If the age of key/ non-key personnel is above the preferred age limits, it is requested to establish good health condition by producing a physical fitness certificate to do the field works on the Mobilization of concerned key personnel**.  Note: The concerned key-personnel should be available in case of any eventuality that might arise where there is a change in the schedule of construction activities as such the personnel should be re-deployed at a particular period of time where his service is necessary without cost compensation.  *The required key and non-key personnel are needed to be deployed to suit the schedule of construction activities of respective project roads included in this package. In prior consultation with the client, the Authority’s Engineer shall mobilize, schedule and deploy the personnel depending upon the site requirement within the total man-months prescribed/ agreed*. | **Sl. No. 15 of Reply to queries** |
|  | **Section 7 Terms of Reference**  **Cl. No. 5**  **Pg. No. 97** | 1. **Clients input Counterpart personnel.**    1. **Facilities**        1. Office Building: As required shall be arranged by the consultant themselves.       2. Office furniture: As required shall be arranged by the consultant themselves.       3. Quality Control Lab: As part of the scope of work, the Contractor shall construct and provide quality control lab with all testing equipment mentioned in the MORT&H and as listed in the construction contract.       4. Vehicles: Vehicles required for the key and sub-key professionals shall be arranged by the Authority’s Engineer.       5. Accommodation: Accommodation for key and sub-key professionals shall be arranged by the Authority’s Engineer.    2. **Services & Data**   Copy of Updated DPR and EPC Agreements. | 5. **Clients input Counterpart personnel.**   * 1. **Facilities**       1. Office Building: As part of the scope of the Contractor, the Contractor will construct or provide Team Leader office and Resident Engineer office at the locations mentioned in 3.3. Till the building is made ready, rented accommodation will be provided by the Contractor.      2. Office furniture: The office furniture shall be arranged by the contractor to the extent stated in the construction agreement. Other furniture required by the Authority’s Engineer s shall be arranged by themselves.      3. Quality Control Lab:­ As part of the scope of work, the Contractor shall construct and provide quality control lab with all testing equipment mentioned in the MORT&H and as listed in the construction contract..      4. Vehicles: Vehicles required for the key and sub-key professionals shall be arranged by themselves.      5. Accommodation: Accommodation for key and sub-key professionals shall be arranged by themselves.   2. **Services & Data**   Copy of Updated DPR and EPC Agreement | **Sl.No.16 and 17 of Reply to queries** |

Sd/-

**Executive Director**

**TNRIDC**