

**Atal Mission for Rejuvenation and Urban
Transformation (AMRUT)**

THRISSUR MUNICIPAL CORPORATION

Invites **Expression of Interest** for Detailed Project Report
preparation of green space and parks sector under Atal
Mission for Rejuvenation and Urban Transformation
(AMRUT) for Thrissur Municipal Corporation

Green Space and Parks

Package No.AMRUT/TCR/DW7/31242/16/Parks

**Employer: THRISSUR MUNICIPAL CORPORATION, LOCAL SELF
GOVERNMENT**

DEPARTMENT, GOVERNMENT OF KERALA

Represented by:

Secretary

Thrissur Municipal Corporation

Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

THRISSUR MUNICIPAL CORPORATION

Expression of Interest

Package No. : AMRUT/TCR/DW7/31242/16/Parks

Contract Title: Detailed project report preparation of green space and parks sector under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) for Thrissur Municipal Corporation

Date: 14/07/2017

1. The THRISSUR MUNICIPAL CORPORATION (hereinafter called “Employer”) is executing ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION (AMRUT) in the CORPORATION.

2. The employer invites expression of interest for providing the consultancy services from eligible agencies/institutions for DETAILED PROJECT REPORT PREPARATION OF GREEN SPACE AND PARKS SECTOR UNDER ATAL MISSION FOR REJUVENATION AND URBAN TRANSFORMATION (AMRUT). The details of the projects are given in Terms of Reference.

3. The last date of submission of the expression of interest will be 21.07.2017, 1 PM

4. The expression of interest will be opened on 21.07.2017, 3 PM

5. Address for submission of EoI: Secretary, Thrissur Municipal Corporation, Corporation Office, Thrissur, PIN- 680001

6. Consultancy fee should be quoted as percentage of the DPR cost. This percentage should be inclusive of all taxes.

7. The total cost of projects for which DPR to be prepared in Green Space and Park

Sector is 3.98 Crores (Three crores Ninety Eight Lakhs only).

8. Address for submission of EoI: Secretary, Thrissur Municipal Corporation, Corporation Office, Thrissur, PIN- 680001

Yours faithfully,

Sd/-

Secretary,

Thrissur Municipal Corporation

Terms of Reference

for

“DETAILED PROJECT REPORT PREPARATION CONSULTANT”

1. BRIEF DESCRIPTION OF TASK

This Terms of Reference is for providing consulting services to assist the Municipal Corporation / Council of the City / Urban Development department of the State to implement the urban development program in the city / state. This work will be carried out by a Consulting firm, henceforth referred to as ‘Detailed Project Report Preparation Consultant’ on behalf of the Municipal Corporation- Council of the City / Urban Development department of the State.

2. OBJECTIVES:

The objective of the assignment is to provide direct assistance to *Municipal Corporation / Council of the City / Urban Development department of the State* to ensure the effective coordination and implementation of the program. The consultant shall be responsible for effectively leading and taking initiative to plan, manage, design of detailed project reports. Also the consultant shall be responsible for the presentation of detailed project reports, preparation of the estimate using Delhi Schedule of Rates and MoRTH specification for getting the Technical Sanction for the prepared Detailed Project Report from the concerned authorities.

Consultancy contracts will be for the preparation of Detailed Project Reports including estimate, detailed survey, soil investigation, preparation of layout of park; list of rides according to age group, Longitudinal sections (LS) and Cross sections (CS), structural design of cross section depending on the availability of land.

3. DETAILED PROJECT REPORT PREPARATION PROCESS

- 3.1. The Consulting Firms should explore the possibility of using Public Private Partnerships (PPP), which should be the preferred execution model.
- 3.2. For project identified and approved under SAAP, Detailed Project Report (DPR) and Bid Document will be prepared. Review of infrastructure status, gap and demand assessment with reference to service level indicators will be made for the identified projects. Convergence of project component will be ensured with other sectoral and area programs in the city.
- 3.3. Field/ laboratory Investigations, surveys, formulation of technical options, design, cost estimates and solutions to resettlement & environmental issues will be made part of DPR. The finance plan including O&M strategy for the complete life cycle of the project will be an integral part of DPR.
- 3.4. Possibilities to apply smart technologies for providing better and enhanced basic services to the citizens will be explored while formulating the DPR. At draft DPR stage first stage consultations will be facilitated to engage citizens and get feedback and adopt midcourse correction, if required.
- 3.5. The DPR will identify contracting opportunities including exploring options for PPP/ Service Level Agreements or direct contracting and accordingly provide corresponding bid document. Based on the bid document States/ ULBs will procure contracting firms, according to their laws and rules.
- 3.6. The project execution by the ULBs/ State parastatal will be done in efficient way .They have to ensure cost, time and quality compliances as envisaged in contract agreement.
- 3.7. It will also be ensured for linkage between proposed infrastructure project and delivery of services. It will monitor improvement in services level indicators as indicated in the State Annual Action Plan (SAAP).

- 3.8. All the works has to be done according to the mission statement and guidelines of Atal Mission for Rejuvenation and Urban Transformation (AMRUT) as issued by MoUD.

4. SURVEY, STUDIES AND INVESTIGATIONS

- i. Consult the available documents such as city development plans /strategy plans, sanitation plans. Mobility plans etc.
- ii. Review existing status of physical Infrastructure based on above documents and other available secondary data, & identify data gap.
- iii. Review of land availability, rehabilitation - resettlement & Environmental issues for identified projects
- iv. Identify requirements of surveys, studies and investigations;
- v. Carry out all the required engineering surveys and investigations (total station/LiDAR survey, geotechnical investigation, soil survey, construction material survey, identification of underground utilities and their mapping, including sufficient off-site information to allow relationship with possibly useable off-site infrastructure to be established.
- vi. Identify key stakeholders from city/ state officials, elected representatives, concerning NGOs, eminent citizens, representatives from premium institutes of the city/ state, representatives of business organizations in consultation with the concerned Secretary of ULB

5. FEASIBILITY STUDY

- i. Review available secondary data and reports required for analysing the existing infrastructure facilities and for designing the facilities for project;
- ii. Analyse future projections & demand assessment;
- iii. Prepare conceptual plan and preliminary design including the feasibility of the infrastructure to be provided;
- iv. Assist City/ State Government in first Stage consultation with the stakeholder for each sub projects or group of Sub projects, as applicable, to discuss the conceptual plan and technical options and prepare minutes for recording and circulation;

- v. Based on above, diagnostic analysis of the technical options with respect to best practices / smart options/ priorities and consultation;
- vi. Assess land requirement and preparation of land acquisition requirements;
- vii. Prepare and submit 'Feasibility Report' to Client. The Feasibility Report should describe the various technical options with recommendation for most appropriate option;

6. DETAILED DESIGN

- i. Once the Feasibility Report is approved, prepare detailed designs in accordance with sound & established engineering practices; tender drawings and; cost estimates etc. The design shall meet the techno economic aspects for best possible solution after consideration of various available alternatives and shall sufficiently be detailed to ensure clarity and understanding by all stake holders and will be incorporated into a detailed project report to be submitted for the approval of the Client. The costs estimate shall be prepared on the basis of Schedule of Rates (DSR) of State with latest addenda and corrigenda. For Non-DSR items, if any, adopting rates on the basis of market rate by proper rate analysis carried out through market enquiry;
- ii. Identify the possibility of private / public participation in the service delivery, as feasible and applicable, and prepare contract document for such packages;
- iii. Assessment of utility shifting requirement and costs estimations; preparing document required for statutory clearances and other clearances like Railway, Forest, National Highways etc;
- iv. Assess each site's environmental aspects for detailed design of the project component. Accordingly prepare initial environmental impact examinations (IEE) as may be required;
- v. Preparation of environmental safeguard actions including impact assessments, if any, during the design stage;
- vi. Prepare environment management plan (EMP) and mitigation measures;
- vii. Preparation and implementation of resettlement plans, if any, based on the approved framework;

- viii. Prepare Detailed Project Report including technical specifications, Contract drawings, 3D drawings and PPT presentations, bills of quantities and above aspects;
- ix. Finalizing arrangement for contracting including exploring options for PPP/ Service Level Agreements / bid document;
- x. Preparation of strategy and action plan for IEC program including public participation;
- xi. Assist City/ State Government in second Stage consultation for each sub projects or group of Sub projects, as applicable, with the stakeholder to discuss the Detailed Design report and prepare minutes for recording and circulation;
- xii. Prepare consolidated bid documents, technical specifications, approved contract drawings, final bills of quantities, EMP and any other necessary information required for successful tendering and implementation of contracts. The Bid document should be in accordance with the Government of India / State Government guidelines.
- xiii. Provide necessary technical advice and assistance to the implementation team during execution of the project.
- xiv. Change in design/alignment during the execution of the project if any shall be incorporated and the revised DPR shall be prepared and submitted accordingly
- xv. Ensure that all bidding documents and contract documents contain the Environmental Management Plan (EMP) and such items are included in BOQ; also monitor the implementation of the EMP during construction and pre/post construction phases.
- xvi. In compliance with the EMP, develop a strategy to overcome the difficulties of construction/traffic management in narrow streets and also prepare detailed plans for detour of traffic during excavation for urban services. Propose and implement mechanism for coordination among all stakeholders such as traffic police, roads department, user committees etc., for smooth construction execution.
- xvii. Changes recommended by Government, council etc shall be included in the DPR.
- xviii. The final decision regarding the acceptance and rejection of the Detailed Project Report is vested with Corporation Council.

7. REPORTING REQUIREMENTS AND TIME SCHEDULE FOR DELIVERABLES

As a minimum, following are the deliverables:

- 7.1. Inception Report within 7 days time from the date of signing the contract.
- 7.2. Draft DPR (Detailed Project Report) within **20 days after the date of signing the contract** ,Draft DPR should contain engineering feasibility study, survey and investigation reports, social and environmental safeguard documents, economic and financial analysis and subproject appraisal report.
- 7.3. **Final DPR within 10 days after the approval of Draft DPR**, design reports supported by field/ lab investigations; population projections, detailed designs; costs estimates, rate analysis and take off sheets, and compliances over draft DPR observations.
- 7.4. Any other reports as required by State / ULBs.
- 7.5. All reports will be submitted to State / ULBs in agreed time frame.

8. PAYMENT SCHEDULE

- 8.1. The first instalment of 40% of the consultancy fee will be paid to the consultant after according Administrative Sanction from State High Power Steering Committee of AMRUT, for the final Detailed Project Report.
- 8.2. The second instalment of 40% of the consultancy fee will be paid to the consultant after award of work for the implementation of the project.
- 8.3. The last instalment of 20% of the consultancy fee will be paid to the consultant after completion of the project or mission closure whichever is earlier.
- 8.4. The Payment shall be made to the consultancy firm in Indian Rupees after the submission of invoices to the Mission Director, AMRUT Mission.
- 8.5. All payments made to the consultant will be liable for tax deductions as per the prevailing Income Tax Act.

Name and Cost of the Projects

Projects Approved in State Annual Action plan 2016-17

Name of Project	Rejuvenation of existing Childrens park at Ayyanthole near Civil Station and development of living harmony green belts and green strips.		
Sector :Urban Transport	Project Cost : 1.01 (Rs. In Cr)	City : Thrissur	Location : Thrissur Municipal Corporation
SAAP Year : 2016-2017			

Projects proposed in State Annual Action plan 2017-18 (Subject to approval)

Sector : Urban Transport	<u>Name of project and project cost</u> 1.Rejuvenation of Nehru park- 1.75 Cr 2.Rejuvenation of Kottappuram Padanodyanakendram- 0.50 Cr 3.Development of living harmony green belt at Panamkuttichira Pakalvedu -0.72 Cr (Rs. In Cr)	City : Thrissur	Location : Thrissur Municipal Corporation
SAAP Year : 2017-2018			

