

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

**PACKAGE I – DEVELOPMENT OF WATER SUPPLY INFRASTRUCTURE
FOR PROPOSED HOUSING PROJECT IN APIIC LAYOUT**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of Draft DPR, Final DPR and Tender Documents for ‘Package I - Development of Water Supply Infrastructure for Proposed Housing Project in APIIC Layout’.

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: APIIC Layout for “Pedalandariki Illu”, Pulivendula with in the area of Approx. 250 Acres land. However, need to be integration of the same with Water Supply Scheme of Pulivendula Municipality.

The scope of services of the consultant includes the following (but not limited to):

A. Draft DPR

The consultant is required to prepare a draft DPR for APIIC layout for the study area, suggesting a requirement for a particular facility / project as mentioned by studying and analysing the existing systems. The proposals shall be in accordance with the Infrastructure Master Plan prepared by APUIAML. The scope of services of the consultant under this section includes but not limited to the following:

- Need to work in coordination with other Infra Engineers to integrate the project; Site visits, stakeholders’ consultations with relevant departments.
- Consultants shall propose different options to client for arriving at the conclusion and for further detailing.
- Site assessment and identification of project influence area, site constraints and consultation with departments.
- Collect all required data, for the entire municipality, as indicated below shall be taken up. such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- Confirmation of existing data by doing site visits and submit the existing system & analysis. Activities such as data collection and assignment related surveys/studies need to carried out by the Consultant (except for Topo & Geotech surveys)
- Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- Review of Standards, norms and best practices for water consumption for varied uses.
- Finalisation of Water Demand based on population projections based on various methods, discussion with client and finalisation of the same.

- Broad assessment of available and proposed water supply from various sources, integration requirements and provision for water sourcing, bulk water conveyance and storage and distribution system requirements based on integrated water management and modular planning and development
- Source identification, adequacy and yield data based on available reports and also in consultation with irrigation department/ PH department/ panchayat raj Department / Rural Water Supply & Sanitation Department etc as the case may be.
- Review of adequacy of existing raw water intake/ WTP with respect to location, capacity and other factors.
- Suggesting best option for intake, discussion with departments and finalisation of the same. Identify technologies for abstraction, conveyance, water distribution and collection; Efficient and reduced energy consumption and infrastructure management etc.
- Finalisation of Design Criteria for the water supply system
- Hydraulic modelling of the proposed system by using water CAD/ water GEMs
- Pipe material comparison study
- Trade off analysis of dual plumbing versus single pipe system mechanism with respect to overall costing, life cycle benefit analysis etc
- Integrated Water Management and Conservation Practices like water harvesting, watershed management, water recycling methods etc. along with water balance system.
- Comparative studies on different types of domestic water meters and recommendation on the preferred meter.
- Planning for ICT interventions such as flow monitoring, pressure monitoring etc
- Planning for SCADA system
- Preparation of master water balance diagram for integrated water management.
- Integrated Plan shall cover designs from source to Reservoir level which includes rate analysis and cost estimates based on SOR and market rates.
- Mapping of the existing system details of Pulivendula has to be mapped with all required attributes and need to be connected with proposed system.
- Consultants have to work on the final selected option by client for detailed engineering
- Shall incorporate the comments with respect to the source, proposals for existing water supply system, zoning, reservoir capacities, locations etc.
- Identify the requirement of site investigations and finalise scope of work for the survey agency and guide the survey agency

- Update the network modelling based on comments received on Integrated Infrastructure Plan using softwares such as water CAD/ water GEMS.
- Detailed Designing of various water supply components needed MBR, ELSR, GLSR etc. as per requirement
- Finalisation of requirement of pumps and motors
- Preparation of estimates based on APSOR in force
- Interact with various vendors and obtain quotations
- Preparation of engineering drawings
- Design of Smart water management system using quality sensors, flow and pressure meters, SCADA system
- Preparation of Final DPR
- Discussion with concerned department and obtaining technical sanction

B. Final Detailed Project Report (DPR)

- i. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- ii. Preparation of Final DPR for finalised project components
- iii. Discussion with concerned department and obtain technical sanction

C. Tender Document

- a. Preparation of technical specifications for finalised project component.
- b. Preparation of tender documents and assisting APUIAML in issuance of Tender Notice

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Draft Detailed Project Report	T + 20 days
2	Final Detailed Project Report	07 days from approval of Draft DPR from Government
3	Issue of Tender Notice	15 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

V. PAYMENT TERMS:

#	Activity	Payment in Percentage Basis of the Fee for the Assignment
1	Draft Detailed Project Report	60 %
2	Final Detailed Project Report	20 %
3	Issue of Tender Notice	20 %
<i>Note</i> - All payments to the consultants shall be made on 'back-to-back' basis		

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Housing Layout Water Supply	33.65

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.

- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.
- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package I Development of Water Supply
– Infrastructure for Proposed Housing Project in APIIC Layout”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of Lumpsum Fee of

In figures: _____

In words: _____

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

**PACKAGE II – DEVELOPMENT OF STORM WATER MANAGEMENT -
INFRASTRUCTURE**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of Draft DPR, Final DPR and Tender Documents for ‘Package II - Development of Storm Water Management - Infrastructure’.

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),

4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Town including APIIC Layout for “Pedalandariki Illu”, Pulivendula with in the area of Approx. 250 Acres land. However, need to be integration of the same with Storm Water System of Pulivendula Municipality. Consultant also need to work and suggest solutions for drainage issues related to Pulivendula Town for specific Storm Water Drainage.

The scope of services of the consultant includes the following (but not limited to):

A. Draft DPR

The consultant is required to prepare a draft DPR for APIIC layout and problematic / specific areas of the Town, suggesting a requirement for a particular facility / project as mentioned by studying and analysing the existing systems. The proposals shall be in accordance with the Infrastructure Master Plan prepared by APUIAML. The scope of services of the consultant under this section includes but not limited to the following:

- a. Site visits, stakeholders’ consultations with relevant departments.
- b. Discuss and collect the available reports, data with CDMA, DTCP, CRDA etc. and any other existing data available and interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposals
- d. Collect/procure hourly rain fall data for the past 30 years from Indian Meteorological Data, toposheets from SOI and all needful data/information etc and analysis, arrive at rainfall intensity and estimate run off for the Project Area based on the landuse etc.
- e. Finalisation of design criteria considering various national and international codes and best practices
- f. Designing of catchment areas for various zones in the project areas
- g. Conditions Surveys, Planning, designing and Estimation for primary drains, secondary drains and tertiary drains from the starting point of drains till its final disposal point.
- h. Condition surveys should be with strip map of drains covering all salient points where hydraulics change.
- i. Designing of the drainage system by using storm CAD/ any other suitable software’s
- j. Preparation of detailed designs and drawings
- k. Preparation of estimates based on APSOR
- l. Collection of quotations for non SOR items for reputed vendors
- m. Incorporation of comments from client

- n. Interact with various vendors and obtain quotations
- o. Preparation of GFC drawings for finalised project components
- p. Preparation of Final DPR
- q. Discussion with concerned department and obtain technical sanction

B. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department, making Presentations and obtain technical sanction

C. Tender Document

- a. Preparation of technical specifications for finalised project component.
- b. Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Draft Detailed Project Report	T + 20 days
2	Final Detailed Project Report	07 days from approval of Draft DPR from Government
3	Issue of Tender Notice	15 days from receipt of directions from APUIAML for issuance of tender

Note – T is the start date of the Assignment

V. PAYMENT TERMS:

#	Activity	Payment in Percentage Basis of the Fee for the Assignment
1	Draft Detailed Project Report	60 %
2	Final Detailed Project Report	20 %
3	Issue of Tender Notice	20 %

Note - All payments to the consultants shall be made on ‘back-to-back’ basis

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Housing Layout – Storm water drains	69.86

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. At any stage after commencement of the assignment, APUIAML, owing to such situations where (i) APUIAML is instructed to act as per GoAP directions or (ii) externalities impact the progressing of the assignment (including acts of nature etc.), reserves right to modify the projects/components of the package (i.e., addition of a new projects/components of similar nature into the package or deletion of a projects/components from the package), on mutual consent. In such events, the payments shall be made accordingly on pro rata basis based the stage of working or completed part of the work only.

- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package II Development of Storm Water
Management – Infrastructure”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of Lumpsum Fee of

In figures: _____

In words: _____

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm's proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

**PACKAGE III – DEVELOPMENT OF SEWERAGE - INFRASTRUCTURE
FOR PROPOSED HOUSING PROJECT IN APIIC LAYOUT**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few 'Model Towns' in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project 'Development of Pulivendula as Model Town' for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of Draft DPR, Final DPR and Tender Documents for 'Package I - Development of Sewerage - Infrastructure for Proposed Housing Project in APIIC Layout'.

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
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Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
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- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: APIIC Layout for “Pedalandariki Illu”, Pulivendula with in the area of Approx. 250 Acres land. However, need to be integration of the same with Sewerage Scheme of Pulivendula Municipality.

The scope of services of the consultant includes the following (but not limited to):

A. Draft DPR

The consultant is required to prepare a draft DPR for APIIC layout for the study area, suggesting a requirement for a particular facility / project as mentioned by studying and analysing the existing systems. The proposals shall be in accordance with the Infrastructure Master Plan prepared by APUIAML. The scope of services of the consultant under this section includes but not limited to the following:

- a. Site visits, stakeholders’ consultations with relevant departments.
- b. Collect all required data (such as various Plans with departments Viz. CDMA, DTCP, CRDA IMD, PHED, Irrigation, PCB, APIIC etc. for the entire municipality) like availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Review of existing ongoing awarded work to the extent required for integration of proposed sewerage system for the housing colony
- d. Review of contour maps available and analyse the topography of the project area
- e. Finalisation of design criteria considering various national and international codes and best practices
- f. Estimation of sewage quantity based on water supply covering various demands such as domestic, commercial, recreational, industrial etc
- g. Designing of the trunk mains and sewerage system considering available right of way, soil conditions and physical barriers such as National Highway, Railway line, Canals, etc by using Sewer CAD/ Sewer GEMS or any suitable software. The Consultants will endeavour to reduce pumping and/ or lift stations to minimum.
- h. Preparation and techno economical comparison of alternative proposals for the Project (providing decentralised sewerage system as option 1 and connecting to existing 10 MLD STP as option 2) and arriving at the best option based on the fact that already 10 MLD STP is awarded for construction

- i. Review of various available sewage treatment options and their techno economic suitability for the Project, if a new STP has to be proposed.
- j. Design of Collection System, Pump, Lift, Manhole Pumping system, Sewage Treatment Plant including hydraulic and structural and preparation of layouts
- k. Identification of various structures such as NH crossing, Railway Crossings, river crossings, nallah crossings= and intimating regarding various approvals required and assist in paperwork necessary for submitting the request for concerned departments
- l. Review and work out O&M requirement for the Project and prepare appropriate plan and costing of the same
- m. Review of new technologies and ICT based solutions for better management of sewerage system
- n. Preparation of detailed AutoCAD drawings such as L-Sections, plan and profiles, typical cross sections, layouts of pumping stations, lift stations etc
- o. Preparation of detailed and abstract estimates & drawings for TS and tendering purpose using rate analysis, quotations and APSOR latest.
- p. Mapping of the existing system details of Pulivendula has to be mapped with all required attributes and need to be connected with proposed system.

B. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department, making Presentations and obtain technical sanction

C. Tender Document

- a. Preparation of technical specifications for finalised project component.
- b. Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
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		Draft DPR from Government
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V. PAYMENT TERMS:

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<i>Note - All payments to the consultants shall be made on 'back-to-back' basis</i>		

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Housing Layout - Sewerage	50.69

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.

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- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package III Development of Sewerage –
Infrastructure for Proposed Housing Project in APIIC Layout”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of Lumpsum Fee of

In figures: _____

In words: _____

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

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Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

**PACKAGE IV – UPGRADATION AND IMPROVEMENT OF
SOLID WASTE MANAGEMENT SYSTEM**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for ‘Package IV – Upgradation and Improvement of Solid Waste Management System’

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

A. Draft DPR

The consultant is required to prepare a draft DPR for the study area, suggesting integrated, sustainable and holistic improvement in all parameters of the system such as Collection and Transportation, Treat and Disposal, IEC, etc. The proposals shall be in accordance with the Infrastructure Master Plan prepared by APUIAML and in concurrence with all stakeholders (APUIAML, ULBs, etc.) The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of existing systems and practices.
- b. Collect and review of the data, for the entire municipality, such as existing contracts, Council Resolutions, DPRs and other relevant documents from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Undertake site visits and line department interactions as required for identification of ground related issues, operational and management issues and other factors that are required to be addressed for improving the system.
- d. Undertake required surveys/studies such as Quantification Surveys, Physical and Chemical characterization studies, Time and Motion studies etc. (except for Topo & Geotech surveys)
- e. Review of Standards, norms and best practices as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- f. Preparation of proposals - covering the following components (but not limited to)
 - i. Collection and Transportation (covering HHs, Commercial, BWGs, informal sector etc.)
 - ii. Establishment of transfer stations - requirement and feasibility for establishment of transfer stations (Centralized, Decentralized, Nuclear etc.)
 - iii. Establishment of wet and dry waste processing facilities
 - iv. Techno Commercial evaluation of various technologies, options for C&T and Treatment & Disposal Plans
 - v. Proposals for reclamation of existing dump sites based on requirement

- vi. Planning a scientific landfill facility and its various components duly evaluating integrating wet waste processing facilities, comparison of techniques, dry waste processing facilities such as MRF facilities
- vii. Proposals for ICT interventions and IEC activities.
- viii. Finalisation of components based on demand for each of the components in consultation with all stakeholders involved (APUIAML, ULB, etc.)
- g. Preparation of DPR for all proposals including detailed designs, cost estimates, specifications, BOQs, financial models, project structuring options etc.
- h. The estimates, BoQs shall be prepared based SOR and Non SOR items. The estimates for SOR items shall be adopted from applicable AP SSR manual. The estimates for Non SOR items shall be based on the least Market Quote (atleast 3 market quotes shall be procured and a comparative statement shall be submitted accordingly)
- i. The agency shall bring the following onto the table - Market/Vendor linkages, Products Knowledge (Machinery, infrastructure, vehicles etc.), Knowledge on Standards and Codes, Innovation, various project structuring options based on other practices in the country, facts and figures of other relevant projects in the country.
- j. Other activities as may be required to achieve the objective of developing the town as model town.
- k. Any other work as may be mutually agreed upon required for development of model town.

B. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department, making Presentations and obtain technical sanction

C. Tender Document

- a. Preparation of technical specifications for finalised projects and their components.
- b. Preparation of tender documents and Assisting APUIAML in Issuance of Tender Notice, Selection of Bidder, etc.

III. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Draft Detailed Project Report	T + 30 days
2	Final Detailed Project Report	07 days from approval of Draft DPR from Government
3	Issue of Tender Notice	15 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

IV. PAYMENT TERMS:

#	Activity	Payment in Percentage Basis of the Fee for the Assignment
1	Draft Detailed Project Report	60 %
2	Final Detailed Project Report	20 %
3	Issue of Tender Notice	20 %
<i>Note - All payments to the consultants shall be made on ‘back-to-back’ basis</i>		

IV. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Upgradation and Improvement of Solid Waste Management System	15.58

V. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.
- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Package V – Upgradation and Improvement of Solid Waste Management System”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of Lumpsum Fee of

In figures: _____

In words: _____

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm's proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

**PACKAGE V – AUDITORIUM, CINEMA CUM COMMERCIAL
COMPLEX**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few 'Model Towns' in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project 'Development of Pulivendula as Model Town' for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for 'Package V – Auditorium, Cinema cum Commercial Complex'

II. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause V.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposed facilities. Activities such as data collection and assignment related surveys/studies need to carried out by the Consultant (except for Topo & Geotech surveys)

- d. Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- e. Review of ongoing / proposed basic infrastructure facilities (water supply, sewerage etc.) such that in future the works shall not affect the proposed facilities. Otherwise, in such case, during design stage such provision for such proposals shall be incorporated.
- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of the proposed location for each facility with consultation with relevant departments.
- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
- c. Consultants have to work on the final selected option by client for detailed designs & engineering
- d. Preparation of detailed BOQs for the same based on SoR and Rate Analysis where ever required For Non SOR items, 3 quotations have to be obtained and submitted to in support of the rate considered. required for the purpose of Technical Sanction (TS). Consultants should make Presentations to concerned authorities as and when required and replying queries to Approving authority of TS and Obtaining TS.
- e. Interact with various vendors and obtain quotations
- f. Preparation of GFC drawings for finalised project components
- g. Shall prepare various 3D images and walkthroughs using widely used software for each identified project.
- h. Submission of reports as per the deliverables along with the proof checking of all the Designs, Structural designs and Estimates from Reputed Government College.
- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department and assist in getting technical sanction

D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
- b. Assist in Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

III. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
2	Draft Detailed Project Report	T + 30 days
3	Final Detailed Project Report	07 days from approval of Draft DPR from Government
4	Issue of Tender Notice	7 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

IV. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	18 %
2	Draft Detailed Project Report	56 %
3	Final Detailed Project Report	14 %
4	Issue of Tender Notice	12 %
¹ - Project Cost is defined as the Capital expenditure amount which is obtained in the		

Technical Sanction for the particular project which is generally Part – A of the Technical Sanction. Hence in this regard, till the final Project Cost is arrived at, the payments, in the interim shall be paid on the basis of the preliminary estimated project cost as per the details below in Clause 5. Once the Project Cost is arrived at after the Technical Sanction, the overall payment will be adjusted accordingly on the basis of the arrived Project Cost; further payments shall be made based on the final Project Cost.

Note

- a. All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in the Package. The payments shall be made accordingly.

V. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
a	Construction of City Centrum, Pulivendula	57.68

VI. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.

- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.
- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package V Auditorium, Cinema cum
Commercial Complex”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

PACKAGE VI – BOTANICAL GARDEN

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few 'Model Towns' in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project 'Development of Pulivendula as Model Town' for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for 'Package VI – Botanical Garden'

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies' letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposed facilities. Activities such as data collection and assignment related surveys/studies need to be carried out by the Consultant (except for Topo & Geotech surveys)
- d. Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- e. Review of ongoing / proposed basic infrastructure facilities (water supply, sewerage etc.) such that in future the works shall not affect the proposed facilities. Otherwise, in such case, during design stage such provision for such proposals shall be incorporated.
- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of the proposed location for each facility with consultation with relevant departments.
- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
- c. Consultants have to work on the final selected option by client for detailed designs & engineering
- d. Preparation of detailed BOQs for the same based on SoR and Rate Analysis where ever required For Non SOR items, 3 quotations have to be obtained and submitted to in support of the rate considered. required for the purpose of Technical Sanction (TS). Consultants should make Presentations to concerned authorities as and when required and replying queries to Approving authority of TS and Obtaining TS.
- e. Interact with various vendors and obtain quotations
- f. Preparation of GFC drawings for finalised project components
- g. Shall prepare various 3D images and walkthroughs using widely used software for each identified project.
- h. Submission of reports as per the deliverables along with the proof checking of all the Designs, Structural designs and Estimates from Reputed Government College.
- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department and assist in getting technical sanction

D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
- b. Assist in Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
2	Draft Detailed Project Report	T + 30 days
3	Final Detailed Project Report	07 days from approval of Draft DPR from Government
4	Issue of Tender Notice	7 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

V. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	18 %
2	Draft Detailed Project Report	56 %
3	Final Detailed Project Report	14 %
4	Issue of Tender Notice	12 %

¹ - Project Cost is defined as the Capital expenditure amount which is obtained in the Technical Sanction for the particular project which is generally Part – A of the Technical Sanction. Hence in this regard, till the final Project Cost is arrived at, the payments, in the interim shall be paid on the basis of the preliminary estimated project cost as per the details below in Clause 5. Once the Project Cost is arrived at after the Technical Sanction, the overall payment will be adjusted accordingly on the basis of the arrived Project Cost; further payments shall be made based on the final Project Cost.

Note

- a. All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in

the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
1	Development of Botanical Garden at Rani gari Thota	41.30

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.

- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package VI Botanical Garden”****Sir:**

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)***(Name, Title, Address, Date)******Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm's proposal***

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

PACKAGE VII – LAKE DEVELOPMENT

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for ‘Package VII – Lake Development’

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposed facilities. Activities such as data collection and assignment related surveys/studies need to be carried out by the Consultant (except for Topo & Geotech surveys)
- d. Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- e. Review of ongoing / proposed basic infrastructure facilities (water supply, sewerage etc.) such that in future the works shall not affect the proposed facilities. Otherwise, in such case, during design stage such provision for such proposals shall be incorporated.
- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of the proposed location for each facility with consultation with relevant departments.
- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
- c. Consultants have to work on the final selected option by client for detailed designs & engineering
- d. Preparation of detailed BOQs for the same based on SoR and Rate Analysis where ever required For Non SOR items, 3 quotations have to be obtained and submitted to in support of the rate considered. required for the purpose of Technical Sanction (TS). Consultants should make Presentations to concerned authorities as and when required and replying queries to Approving authority of TS and Obtaining TS.
- e. Interact with various vendors and obtain quotations
- f. Preparation of GFC drawings for finalised project components
- g. Shall prepare various 3D images and walkthroughs using widely used software for each identified project.
- h. Submission of reports as per the deliverables along with the proof checking of all the Designs, Structural designs and Estimates from Reputed Government College.
- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department and assist in getting technical sanction

D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
- b. Assist in Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
2	Draft Detailed Project Report	T + 30 days
3	Final Detailed Project Report	07 days from approval of Draft DPR from Government
4	Issue of Tender Notice	7 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

V. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	18 %
2	Draft Detailed Project Report	56 %
3	Final Detailed Project Report	14 %
4	Issue of Tender Notice	12 %

¹ - Project Cost is defined as the Capital expenditure amount which is obtained in the Technical Sanction for the particular project which is generally Part – A of the Technical Sanction. Hence in this regard, till the final Project Cost is arrived at, the payments, in the interim shall be paid on the basis of the preliminary estimated project cost as per the details below in Clause 5. Once the Project Cost is arrived at after the Technical Sanction, the overall payment will be adjusted accordingly on the basis of the arrived Project Cost; further payments shall be made based on the final Project Cost.

Note

- a. All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in

the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
a	Development of 52 acres of Ullimela lake	30.64

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.
- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful

completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL

[On the Letter head of the Firm]

Date:

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package VII Lake Development”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance

to the above format shall disqualify the firm's proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

PACKAGE VIII – SKILL DEVELOPMENT CENTRE

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for ‘Package VIII – Skill Development Centre’

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
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- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
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B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

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- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
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- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
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D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
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- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in

the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
a	Construction of Vijayamma Skill Training Academy (VISTA)	30.00

VI. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
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- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful

completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL

[On the Letter head of the Firm]

Date:

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package VIII Skill Development
Centre”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

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Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm's proposal

TERMS OF REFERENCE

**PROVISION CONSULTANCY SERVICES FOR DEVELOPMENT
OF PULIVENDULA AS MODEL TOWN**

**PACKAGE IX – WATER FRONT & URBAN DESIGN
PROJECTS**

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for ‘Package IX – Water front and Urban Design Projects’;

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

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- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
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- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of the proposed location for each facility with consultation with relevant departments.
- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
- c. Consultants have to work on the final selected option by client for detailed designs & engineering
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- e. Interact with various vendors and obtain quotations
- f. Preparation of GFC drawings for finalised project components
- g. Shall prepare various 3D images and walkthroughs using widely used software for each identified project.
- h. Submission of reports as per the deliverables along with the proof checking of all the Designs, Structural designs and Estimates from Reputed Government College.
- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department and assist in getting technical sanction

D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
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IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
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V. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	18 %
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Note

- All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in

the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Re organization of Street Vending System in Pulivendula	1.92
B	Development of Central Boulevard from YSR Junction to Sri Venkateshwara Swamy Temple	4.57
C	River Front Development, Garudala River	23.90

VII. GENERAL TERMS & CONDITIONS:

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- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon

mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.

- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package IX Water front and Urban
Design Projects”**

Sir:

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

PACKAGE X – SOCIAL INFRASTRUCTURE PROJECTS

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master Plan (IIMP), (ii) Draft DPRs, (iii) Final DPRs and (iv) Tender Documents for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP, Draft & Final DPRs and tender Documents for ‘Package X – Social Infrastructure Projects

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposed facilities. Activities such as data collection and assignment related surveys/studies need to be carried out by the Consultant (except for Topo & Geotech surveys)
- d. Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- e. Review of ongoing / proposed basic infrastructure facilities (water supply, sewerage etc.) such that in future the works shall not affect the proposed facilities. Otherwise, in such case, during design stage such provision for such proposals shall be incorporated.
- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

B. Draft Detailed Project Report (DPR)

The scope of services of the consultant under this section includes but not limited to the following:

- a. Study of the proposed location for each facility with consultation with relevant departments.
- b. Finalisation of proposals for identified projects and Design Criteria. All the architectural, engineering & structural, MEP (Mechanical, electrical and Plumbing) detailing shall be provided where ever applicable.
- c. Consultants have to work on the final selected option by client for detailed designs & engineering
- d. Preparation of detailed BOQs for the same based on SoR and Rate Analysis where ever required For Non SOR items, 3 quotations have to be obtained and submitted to in support of the rate considered. required for the purpose of Technical Sanction (TS). Consultants should make Presentations to concerned authorities as and when required and replying queries to Approving authority of TS and Obtaining TS.
- e. Interact with various vendors and obtain quotations
- f. Preparation of GFC drawings for finalised project components
- g. Shall prepare various 3D images and walkthroughs using widely used software for each identified project.
- h. Submission of reports as per the deliverables along with the proof checking of all the Designs, Structural designs and Estimates from Reputed Government College.
- i. To share all the soft and hard copies in editable formats including drawings & 3D images, SketchUp files in original formats.

C. Final Detailed Project Report (DPR)

- a. To incorporate the suggestions / changes as suggested by the client during Draft DPR
- b. Preparation of Final DPR for finalised project components
- c. Discussion with concerned department and assist in getting technical sanction

D. RFP / Tender Document

- a. Preparation of technical specifications for each of the finalised projects and its components
- b. Assist in Preparation of tender documents and assisting APUIAML in Issuance of Tender Document.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
2	Draft Detailed Project Report	T + 30 days
3	Final Detailed Project Report	07 days from approval of Draft DPR from Government
4	Issue of Tender Notice	7 days from receipt of directions from APUIAML for issuance of tender
<i>Note – T is the start date of the Assignment</i>		

V. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	18 %
2	Draft Detailed Project Report	56 %
3	Final Detailed Project Report	14 %
4	Issue of Tender Notice	12 %

¹ - Project Cost is defined as the Capital expenditure amount which is obtained in the Technical Sanction for the particular project which is generally Part – A of the Technical Sanction. Hence in this regard, till the final Project Cost is arrived at, the payments, in the interim shall be paid on the basis of the preliminary estimated project cost as per the details below in Clause 5. Once the Project Cost is arrived at after the Technical Sanction, the overall payment will be adjusted accordingly on the basis of the arrived Project Cost; further payments shall be made based on the final Project Cost.

Note

- a. All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in

the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Construction of Citizen Service Centre, Pulivendula	7.01
B	Development of Modern Slaughter House & Meat Market, Pulivendula	7.17
C	Re development of Municipal Shopping Complex and Rythu Bazar	10.69

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon

mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.

- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package X Social Infrastructure
Projects”****Sir:**

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of percentage (%) of the Project Cost

In figures: _____%

In words: _____%

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal

TERMS OF REFERENCE

**PROVISION OF CONSULTANCY SERVICES FOR
DEVELOPMENT OF PULIVENDULA AS MODEL TOWN**

PACKAGE XI – ROAD IMPROVEMENT PROJECTS

January, 2021

ANDHRA PRADESH URBAN INFRASTRUCTURE ASSET MANAGEMENT LIMITED, VIJAYAWADA

I. INTRODUCTION

GoAP envisages to develop few ‘Model Towns’ in the state; APUIAML is assisting the government in this initiative. In this regard, APUIAML has entered into an agreement with Pulivendula Area Development Agency (PADA) for the project ‘Development of Pulivendula as Model Town’ for provision of provision of End-to-End services, in phased manner. As a part of the project, in the initial phase, the milestone submissions for APUIAML are (i) Integrated Infrastructure Master (IIMP) for all identified sectors/sub projects.

In this regard, a preliminary plan and IIMP were prepared by APUIAML and was presented to the Honorable CM, GoAP; the same was approved. In this context, APUIAML desires to engage competent agencies/firms in preparation of IIMP for ‘Package XI – Road Improvement Projects

II. INSTRUCTIONS TO FIRMS

- a) The agencies can quote for one or more categories suiting their candidature and competencies.
- b) The price quote provided shall be exclusive of applicable taxes.
- c) It is to be noted that separate Work Orders shall be given for each category type. Therefore, APUIAML as per its procurement policy/discretion may choose different agencies for each category.
- d) The firms need to submit their quotes in sealed envelopes at the following address on or before 17:00 HRS, IST, 28.01.2021. The subject on the envelope should be – **Financial Proposal for provision of consultancy services for “name of the Category”** – Development of Pulivendula as Model Town, to the following address

Division Head – Smart Cities

Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4th Floor, NTR Administrative Block, PNBS, Vijayawada - 520013

- e) The financial proposal should be submitted on agencies’ letterhead duly signed by the competent authority and shall have the following contact information: (i) Contact Person Name (ii) Contact Mobile No (iii) Contact email ID (iv) Contact Address
- f) For further clarifications, the agencies may contact Mr. Santosh Kumar Alishala on 8897518289, santosh.alishala@apurban.in
- g) This document is also available on the website – www.apurban.com

III. SCOPE OF WORK & DELIVERABLES

Study Area: Pulivendula Municipality

List of Projects: The list of the projects is provided at clause VI.

A. Infrastructure Master Plan

The consultant is required to prepare a master plan suggesting a requirement for a particular facility / project as per each of the project mentioned in various packages by studying and analyzing the existing systems and suggest proposals for upliftment of the proposed facility. The proposals shall be in accordance with the concept plan of these towns. Improvements and new concepts can also be proposed based on the needs and suitability. The scope of services of the consultant under this section includes but not limited to the following:

- a. Area assessment and identification of project influence area, site constraints and consultation with relevant departments.
- b. Collect all required data such as availability of land, reports from concerned departments, data on surveys / investigations available, interact with the departments and review the proposals if proposed any.
- c. Confirmation of existing data by doing site visits and arrive at the proposed facilities. Activities such as data collection and assignment related surveys/studies need to be carried out by the Consultant (except for Topo & Geotech surveys)
- d. Interact with the department and identify various ground related problems or suggestions with respect to the existing system which can be resolved in our proposals.
- e. Review of ongoing / proposed basic infrastructure facilities (water supply, sewerage etc.) such that in future the works shall not affect the proposed facilities. Otherwise, in such case, during design stage such provision for such proposals shall be incorporated.
- f. Review of Standards, norms and best practices for the proposed facilities as per the guidelines, policies of GoAP & GoI and benchmarking of the same shall be provided.
- g. Finalisation of components based on demand for each facility based on discussion with client and finalisation of the same.
- h. Finalisation of proposals and Design Criteria along with ICT interventions if any
- i. Submission of master plan with layouts, 3D views, walk throughs etc as approved by client, block cost estimates has to be submitted.

IV. MILESTONES & TIMELINES:

#	Activity	Timelines
1	Infrastructure Master Plan	T + 10 days
<i>Note – T is the start date of the Assignment</i>		

V. PAYMENT TERMS:

#	Activity	Payment in Percentage basis of Project Cost ¹
1	Infrastructure Master Plan	100 %

¹ - Project Cost is defined as the Capital expenditure amount which is obtained in the Technical Sanction for the particular project which is generally Part – A of the Technical Sanction. Hence in this regard, till the final Project Cost is arrived at, the payments, in the interim shall be paid on the basis of the preliminary estimated project cost as per the details below in Clause 5. Once the Project Cost is arrived at after the Technical Sanction, the overall payment will be adjusted accordingly on the basis of the arrived Project Cost; further payments shall be made based on the final Project Cost.

Note

- a. All payments to the consultants shall be made on purely ‘back-to-back’ basis and no claim in this regard is acceptable in case the project payments are not received by APUIAML.
- b. The consultant can complete the milestones for individual projects/components (exclusively) or can complete the milestones collectively for all the projects/components in the Package. The payments shall be made accordingly.

VI. LIST OF PROJECTS AND PRELIMINARY ESTIMATED PROJECT COST

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
A	Ring Road	49.55
B	Main Roads (18 m & 24 m RoW)	31.11
C	Internal Roads (12 m RoW)	4.66

#	Projects/Components	Preliminary Estimated Project Cost in INR Cr (Inclusive of taxes)
D	Internal Roads (9 m & less RoW)	99.57
E	Main Roads (15 m Row)	7.15

VII. GENERAL TERMS & CONDITIONS:

- a. All reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of APUIAML. The Consultant shall, not later than upon termination or expiration of this Assignment/Contract, deliver all such documents to the APUIAML, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.
- b. Upon short notice, at all times, the consultant (along with working team) shall be available for site visits, site markings during execution, to discuss with /make presentations to APUIAML/GoAP.
- c. Each of the milestones submitted by the Consultant is to be approved by GoAP. Only after such approval/s from GoAP is/are obtained shall the work for subsequent milestones /stages be commenced. Payments shall be made accordingly.
- d. In the event, at any stage after the commencement of the assignment, if the Government directs/decides to (i) include additional project/s (with similar scope of work) and/or component/s in existing project/s (ii) exclude any of the project/s and/or its component/s from existing project/s due to any reason (including acts of nature, change in administration etc.), then in such an event, APUIAML reserves right to modify the list of projects in the package and/or modify the component/s within existing/project/s, upon mutual consent. The payments, then shall be made accordingly, adjusting the cost proportionately based on the modifications made for each milestone.
- e. All payments made to consultants / agencies will be subject to 5% retention money of the total money from the invoices of the Consultant which will be released on successful completion of the final milestone. This shall be applicable only for a minimum contract value of Rs.25 lakhs.

FORMAT FOR FINANCIAL PROPOSAL*[On the Letter head of the Firm]***Date:**

To

The Division Head (Smart Cities),
Andhra Pradesh Urban Infrastructure Asset Management Limited (APUIAML),
4thFloor, NTR Administrative Block, Pandit Nehru Bus Station,
Vijayawada-520013, Andhra Pradesh

**Sub: FINANCIAL PROPOSAL FOR PROVISION OF CONSULTANCY SERVICES
FOR “Development of Pulivendula as Model Town – Package XI Road Improvement
Projects”****Sir:**

For providing consultancy services for the subject assignment, we hereby submit the following Professional Fee quotation to the APUIAML.

We quote our proposal in terms of Lumpsum Fee of

In figures: _____

In words: _____

And this is inclusive of transport, printing and stationery and all other expenses except applicable taxes towards our Professional fee for the subject assignment to be paid as per payment schedule specified in this TOR.

We shall abide by the above quote, terms and conditions of this TOR, if APUIAML selects us as the Consultant for this particular assignment. We also understand that, in case any difference between the quoted amount in words and figures, the quote in words will be taken as final.

We agree that this offer shall remain valid for a period of one hundred and eighty (180 days) from the Proposal Due Date or such further period as may be mutually agreed upon.

Yours faithfully,

(Signature of Authorised Signatory)

(Name, Title, Address, Date)

Note: The financial proposal to be submitted strictly as per the above format. Noncompliance to the above format shall disqualify the firm’s proposal