

**Bihar Urban Infrastructure Development Corporation Ltd.,
(BUIDCO), Patna**

Name of Work:

Request for Proposal (RFP) is invited from Agencies who are specialized design consultant For Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna

Summary of Consultancy Assignment

NAME OF THE WORK	:	Request for Proposal (RFP) is invited from Agencies who are specialized design consultant For Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal , Bans ghat, Patna
EMD AMOUNT Rs.	:	20,000.00
FINANCIAL PROPOSAL DETAIL AVAILABLE ON WEBSITE		https://www.buidco.in
LAST DATE AND TIME FOR RECEIPT OF BID SUBMISSION IN HARD COPY	:	08.02.2023 Upto 15:00 HRS AT WEST BORING CANAL ROAD, RAJAPUR PUL, PATNA-1
PLACE OF OPENING OF TECHNICAL BIDS	:	09.02.2023 Upto 16:00 HRS at office of BUIDCo, West Boring Canal Road, Rajapur Pul, Patna-1
OFFICER INVITING BIDS	:	Project Director , Patliputra Anchal, BUIDCo, Patna





Bihar Urban Infrastructure Development Corporation Limited

A Government of Bihar Undertaking

NOTICE INVITATION

for

Request for Proposal (RFP) is invited from Agencies who are specialized design consultant for Planning, designing & preparation of DPR for Park near Dr. Rajendra Prasad Samadhithal, Bans ghat, Patna

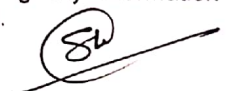
(RFP can be downloaded from website –(<http://buidco.in>))

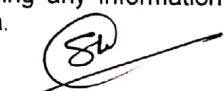
NIT.No- BUIDCO/Patliputra Anchal/22/2022-23

Date:- 11.01.2023

1. Bihar Urban Infrastructure Development Corporation Limited (BUIDCO.) invites bids from eligible experienced and reputed Firms/ContracRFPs/Agencies/Bidders registered in appropriate category in any government organisation/PSUs in India for execution of works as given below :-

of works as given below :-

Sl. No.	Name of Work	Estimated Cost	Earnest Money (in Rs)	Bid Document (in Rs.)	Time for completion
2.	Request for Proposal (RFP) is invited from Agencies who are specialized design consultant for Planning, designing & preparation of DPR for Park near Dr. Rajendra Prasad Samadhithal, Bans ghat, Patna	As Quoted by bidder (inclusive of all taxes)	20,000.00	1000.00	6 weeks
3.	Date of download bid from Buidco website	:	Date:- 19.01.2023, Time 03.00 P.M;		
4.	Place & Date of pre-bid meeting	:	Date:- 21.01.2023, Time 03.00 P.M; Office of Project Director, Patliputra Anchal, Buidco, Patna		
5.	Last date of Receiving Queries	:	Date:-27.01.2023, Time 05.00 P.M.		
6.	Last Date for Submission of tender	:	Date:- 08.02.2023, up to 03.00 P.M. In two separate envelopes clearly mentioned Technical Bid and Financial Bid		
7.	Time & Date of opening technical bids	:	Date:- 09.02.2023, up to 03.30 P.M.		
8.	Time & date of opening financial bids	:	To be communicated later on.		
9.	Periods of bids validity	:	120 Days.		
10.	Officer inviting bids	:	Project Director, Patliputra Anchal, Buidco, Patna		
11	Detailed information of the RFP can be downloaded from the website http://buidco.in .				
12	Detailed information of the RFP can be downloaded from the website http://buidco.in . The bidders shall submit bids in two separate envelopes clearly marked Technical Bid and Financial Bid with the name and address of bidders and the name of works clearly mentioned on the envelopes. Both the bids to be enclosed in a large envelop with name and address of bidders and the name of works clearly mentioned. Tender Document complete in all respects in a sealed envelope is to be submitted by Speed Post/Registered Post/Courier or by hand only at the Office of The Managing Director, Bihar Urban Infrastructure Development Corporation Limited, West Boring Canal Road, Patna - 800001, E-mail: mdbuidco@gmail.com				
13	The tenders received late/tenders without Processing Fee/Bid Security Fee/Conditional tenders/Incomplete Tenders in any respect shall be rejected. Project Director, Patliputra Anchal, Buidco, Patna, Bihar reserves the right to accept or reject any or all tenders without assigning any reason.				
14	Any bidder debarred from work or blacklisted will not be allotted the work.				
15	<p>The cost of tender document is non-refundable, and it should be in the shape of Demand Draft from any scheduled bank, payable in favor of Managing Director BUIDCo., payable at Patna. Original Bank Draft along with signed bids and EMD (in original) shall be submitted at the office of the BUIDCo West Boring Canal Road, Patna 800001. till date and time of submission of the RFP. Earnest money should be in the shape of shape of Demand Draft from any scheduled bank, payable in favor of Managing Director BUIDCo., payable at Patna. Original EMD along with signed bids shall be submitted at the office of BUIDCo West Boring Canal Road, Patna 800001, till date and time of submission of the tender. Regarding any information of the proposed work, bidder should contact office of the Project Director, Patliputra Anchal, BUIDCo, Patna. The undersigned has right to extend or cancel the Bids without declaring any reason. Other information can be obtained and downloaded from the website http://buidco.in.</p> <div> Project Director, Patliputra Anchal, BUIDCo. Patna</div>				


Project Director,
Patliputra Anchal,
BUIDCO, Patna.

#West Boring Cannal Road (Rajapul) Patna, Bihar, India, PIN -800 001



Introduction:-

BUIDCO is invites to Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhithal, Bans ghat, Patna.

Financial Proposal

FORM FIN-1: FINANCIAL PROPOSAL SUBMISSION FORM

[Location, Date]

To:

Project Director,

Patliputra Anchal,

Bihar Urban Infrastructure Development Corporation

#West Boring Canal Road (Rajapur pul), Patna -800 001

Tel:

Dear Sir /Madam:

We, the undersigned, offer to provide the consulting services for **[Insert name of Assignment]** in accordance with your RFP dated **[Insert Date]**. Our attached Financial Proposal is for the sum of **[Insert amount(s) in words and figures in Indian Rupee]**². This amount is exclusive of the GST.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal.

No fees, gratuities, rebates, gifts, commissions or other payments have been given or received in connection with this Proposal.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature **[In full and initials]**:

Name and Title of SignaRFPy: _____

Name of Firm: _____

Address: _____





² Separate Financial Offer must be submitted. Amounts must coincide with the ones indicated I in Form FIN-2
 Project Title: **Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna**

Sl no	Description of Services	Consultancy Fee (in INR)	
		In Figures	In Words
(A)	Consultancy fee for providing services for Preparation Of Detailed Project Report For Planning, designing & preparation of Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna. As per Terms of Reference (RFP) complete to the satisfaction of Client.		
	1.Quoted Price for.....		
(B)	Add GST as per prevailing rates		
(c)	Total including GST [A]+[B]		

Authorized Signature [In full and initials]: _____
 Name and Title of Signatory: _____
 Name of Firm with Company Seal: _____

FIN-3: SUMMARY OF COST

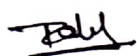
Project Title: **Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna**

The Summary of Cost shall be tabulated as under

S No	Description	Consultancy Fee in (INR)	
		In Figures	In Words
A1	Remuneration for Professional Staff		
A2	Remuneration for Sub-Professional Staff		
A3	Reports and Document Printing		
A4	Survey and Investigation Expenses		
A5	Any Other (Lump sum)		
A6	Over heads		
	Total Costs		
Note:			

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____
 Name of Firm with Company Seal: _____





Financial Proposal Standard Forms FIN-1, FIN-2, FIN-3 shall be used for the preparation of the Financial Proposal.

While quoting the financial offers, applicants shall submit their prices as per below mentioned criteria,

consultant shall have to submit its prices in a separate envelope for Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna.

1. Consultant are advised to visit the site before quoting the rates.
2. For example, "X" consultant shall have to submit its prices in separate envelope. The interested consultant are requested to submit their prices for the said work in sealed envelope to Project DirecRFP, Patliputra Anchal, BUIDCO, Patna on or before **08.02.2023 till 15 Hrs**. The Price submitted by the consultant shall be opened on the same day at 16 Hrs. The following should be indicated in the envelope;

Name of Consultant:-

Name of Work: - Selection Of Consultant For Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna.

Signature

Signature

Method of selection:

Successful firm will be selected under **Least Cost Based Selection (LCS) Method**. Envelope including the price submitted by consultants for Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna.

Price quoted by participant firms shall be compared and the lowest quoted firms will be awarded the work.

1. CONTRACT NEGOTIATIONS AND AWARD OF CONTRACT

The Consultant who is invited for contract negotiations will, as a pre-requisite for attendance at the negotiations, confirm availability of all experts named in its proposal except in the cases of absence on account of death or medical incapacity. Failure in satisfying such requirements may result in the Client proceeding to initiate the negotiation process with the next lowest bidder. Representatives conducting negotiations on behalf of the Consultant must have written authority to negotiate and conclude the Contract.

Technical Negotiations: This will include a discussion of the Technical Proposal, the proposed technical approach and methodology, work plan and schedule, and organization and personnel, and any suggestions made by the Consultant to improve the RFP. The Client and the Consultants will finalize the RFP, personnel schedule, work schedule, logistics, and reporting. These documents will then be incorporated in the Contract as "Description of Services." Special attention will be paid to clearly defining the inputs and facilities required from the Client to ensure satisfactory implementation of the assignment. The Client shall prepare minutes of negotiations which will be signed by the Client and the Consultant.

Negotiations will conclude with a review of the draft Contract. To complete negotiations the Client and the Consultant will initial the agreed Contract. If negotiations fail, the Client will invite the second lowest Consultant to negotiate a Contract.

After completing negotiations the Client shall award the Contract to the selected Consultant and notify the other Consultants who could have been invited to negotiate a Contract that they were unsuccessful.

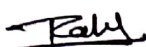
The selected Consultant is expected to commence the Assignment on the date and at the location specified in the Data Sheet.

2. DURATION OF ASSIGNMENT

*The duration of the assignment shall be **Six (6) weeks** and all activities are to be completed in this period. This will be applicable for all the sectors under this assignment.*

- ☐ Inception Phase – 2 weeks
- ☐ Feasibility Phase – 2 weeks
- ☐ Draft DPR Phase – Within 2 Weeks
- ☐ DPR Preparation Phase – within 6 Weeks

Consultant shall ensure that their Team Leader/Deputy Team Leader must meet BUIDCo office weekly and also when required for meeting/discussion in BUIDCo office. Additionally their field level staff shall be available in project towns during the survey work and investigation works and their details of presence with their contact details shall be made available in BUIDCo so that, if need be, they may be called to BUIDCo office whenever required. Field level staff may leave the project sites only after BUIDCo being satisfied with the survey details submitted.



3. PERFORMANCE SECURITY

The consultant will furnish within 7 days of the issue of Letter of Acceptance (LOA), an Account Payee Demand Draft/Unconditional Bank Guarantee (in prescribed format) in favour of "BUIDCO" payable/en-cashable at Patna, from any nationalized or scheduled commercial Bank in India having its office at Patna for an amount equivalent to 5% (five percent) of the total contract value towards Performance Security valid for a period of **six (6) months** beyond the stipulated date of completion of services. The Bank Guarantee will be released after six month and rectification of errors, if any, found during appraisal/approval of DPRs by competent authorities/Funding agency whichever is later.

4. Bid Security (Earnest Money Deposit)

The Bid Security of Rs. 20,000/- (Rupees Twenty thousand only) in favour of "Managing Director, Bihar Urban Infrastructure Development Corporation Limited" payable at Patna shall be in the form of Account Payee Demand Draft or from any of the **scheduled commercial bank or nationalized bank having its branch in Patna**. The Employer shall reject any bid not accompanied by appropriate bid security, as non-responsive.

The bid security of the successful Bidder shall be returned as promptly as possible once he has signed the Contract and furnished the required performance security.

Bid securities of the unsuccessful bidders shall be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract to successful bidder.

The bid security may be forfeited:

if a Bidder withdraws its bid during the period of bid validity.

if the Successful Bidder fails to:

Sign the Contract within required time frame;

Furnish a performance security.

Terms of Reference (RFP)

1. INTRODUCTION

The Consulting Firm will be required to have staff of suitably qualified Professionals being competent to carry out all of related duties and equipped with necessary facilities for conducting desired tests.

- (i) **After acceptance of consultants' program by client, the Consultants will be fully responsible** to mobilize the resources required to maintain the agreed schedule of work within the total person months agreed under the contract for the services. In case of any delays, which are not beyond the control of consultants, the client reserves the right to require Consultancy Firm to provide additional resources and personnel as may be required to make up the lost time, for which no additional payment shall be made.
- (ii) Whenever power point presentation or otherwise are sought for, the consultants shall make themselves available to various committees.

2. OBJECTIVES OF THE ASSIGNMENT

The primary objective of the consultancy is to undertake necessary survey from the environmental & heritage building and beautification point of Park. The consultant shall do the necessary survey to ascertain the numbers of drains which are merging into the treated effluent channel. Dr. Rajendra Prashad Samadhi Sthal is merging into the Park effluent path/road has to be notified and consultant shall include the proposal in the DPR for stopping the untreated sewage mixing into the treated effluent channel. Overall the consultant shall prepare DPR for the Park near Dr. Rajendra Prasad Samadhisthal, Bans ghat, Patna.



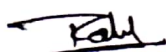
It is proposed to obtain financial assistance under different schemes of State Plan/GOI (like NMCG) or other External Funding, if available. Govt. of Bihar may also provide part financial assistance through State Plan for implementation of proposed projects. The objective of the Project proposed is to promote sustainable environment and basic urban infrastructure and sanitation facilities to the citizens and to ensure effective abatement of pollution by adopting a river basin approach for comprehensive planning and management, and to maintain minimum ecological flows in the rivers in vicinity with the aim of ensuring water quality and environmentally sustainable development. Following standards and guidelines laid by Ministry of Urban Development and Ministry of Environment & Forest, Govt. of India needs to be followed.

- CPHEEO's "Manuals". Govt. of India
- NGT Guidelines
- NMCG guidelines.
- *Guidelines for Preparation of Project Reports under National River Conservation Plan and National Ganga River Basin Authority* issued by Ministry of Ministry of Environment & Forest, Govt. of India
- *Environmental and Social Management Framework (ESMF)* issued by Ministry of Ministry of Environment & Forest, Govt. of India
- Any other Guideline issued by GOI and GOB for planning and design of project likely to be proposed for funding under AMRUT.

4. SCOPE OF WORK

The detailed scope of work of different components is as below: This component is proposed for the augmentation of existing components site to improve the system of the locality. Drain should be covered so that it can be used as road along with the existing roads. The objective of the assignment is to study, analyze, design and prepare DPR for providing an effective system for the area by undertaking a technical, financial, economic, environmental and social study, prioritized capital investment plan, detailed designs, drawings, cost estimates and bidding documents for planning and implementation of such investments.

- All the drawings shall be good for construction and with flow diagram by notch method.
- Structural loading on the drain shall be as per latest IRC /IS codes. Hydraulic design shall be based on the relevant IS codes and CPHEEO's manual and cross section shall be adequately designed.
- Adequate provision for Gym, Swing & slides, drinking water and Toilet (male & female)
- Adequate provision for cleaning the Nala both manually and mechanically and draining out surface runoff to be kept as per best available practices.
- Augmentation of pumping facilities, if required, shall be considered.
- According to NMCG, Main stem and Tributaries of Ganga Specifically to examine the contents of DPR with respect to Following attributes:
 - Population (existing) and Project Population (against the decadal growth rate);
 - Present status of sewage management in terms of population dependent on seepage management (availability of information ward or drainage zone wise or any other designated classification)
 - Need for capacity vis-à-vis gap including planning for capacity creation in single stage or in time- step modules;





- River and horticulture work flow quantity.
- The DPR proposal has been prepared considering the actual water level of river, its tendering stage etc. may be provided to support the proposal. As otherwise CPHEEO manual /SBD on Planning, designing & preparation of Detailed Project Report (DPR) for Park near Dr. Rajendra Prasad Samadhithal, Bans ghat, Patna.
- Please refer NMCG Format for Cost estimate of Project.
- Also during the discussion with NMCG following common points were mentioned for improvement of DPRs:
 - DPRs need to follow the latest guidelines of NMCG for river development works, which have already been circulated.
 - Populations projection shall be included for 2023, 2038 (intermediate year) and 2053 (ultimate year).
 - DPRs to be submitted in hard copies along with all respective drawings
 - Drawing need to indicate the orientation, flow of river Ganga, demarcation of drainage network alignment of drains, their flow direction and outfall points into river, location of interception points, area of horticulture, drinking water, pump room, power controller system, toilet, lights system and any other unforeseen items as per directed by engineer-in-charge.
 - The proposal drawing should indicate the propose schemes clearly.
 - Contour map shall be provided
 - And according to BUIDCO these point must be reflect in DPR
 - i. proposed land NOC and necessary documents are must enclosed in the DPR.
 - ii. Excising area status included in the DPR.
 - iii. Ward details and Map is available in DPR.
 - iv. River water down stream and upstream quality data must available in the DPR.
 - v. 3D view at identified Park location.

A. General Framework

- (i) Reviewing existing maps, studies, and other related documentation to obtain a better understanding of the existing site prior to the start of fieldwork.
- (ii) Undertaking detailed topographic survey of the Project area and leveling survey and preparation of base maps showing the connecting drains and their catchment areas.
- (iii) Consultant to collect data through primary investigation or secondary data collection Indicating the details of other underground services, which are in the vicinity of the area and show their distance.
- (iv) Suggesting suitable materials for construction with cost benefit analysis discussing the feasibility of using pre cast structures and providing structural designs and other design and details as appropriate

B. Stakeholder Consultation

- (i) Detailed consultations shall be conducted with various stakeholders like Government departments like ULB, PHED, UDHD, NGOs, general public, etc with specific deliberations on project proposals, to receive opinions and identification of land. The suggestions received from the consultations shall be shall be documented and reviewed and be considered in finalizing the designs.




C. Project Cost & Financial Viability

- (i) Preparation of **project cost estimate** including capital based on the above and preparation of financial analysis.
- (ii) The cost estimate shall be based on the latest schedule of rates of Government of Bihar. There shall not be any lump sum provision in the estimate for items not covered in the schedule of rates market rates shall be adopted with evidence.

D. Institutional Strengthening & Capacity Building

- (i) Recommending organizational set up for operation and maintenance of the system. Identify requirements of staff along with costs. Involve the concerned local body at all stages.

E. Implementation Plan

- (i) Prepare the project implementation schedule for execution. This will also include drawing up project budget with monthly/quarterly target; furnish network analysis such as CPM, PERT for purposes of effective project monitoring and regular reports.
- (ii) Suggesting use of modern technologies for implementation of project.

F. Environment & Social Consideration

- (i) Preparation of Environmental and Social assessment Report to prepare necessary impact assessment and Environmental Mitigation Plans and Resettlement action Plans
- (ii) Identifying specific protection arrangement for trees and other sensitive environmental components. Tree cutting requirement if any shall be clearly identified and listed with schedule of permission from regulatory authorities to facilitate cutting.

G. Approvals/ permissions

- (i) Wherever permission from a state or central government organization is required in implementation of the project, it would be endeavored to obtain the same while finalizing the DPR. However, in case same is not possible while finalizing DPR, proper proposal should be initiated from the ULB for sanction.
- (ii) Clearances/ Permission from other Ministries namely Ministry of Environment and Forest, SPBC/CPCB, NHAI and RCD, if required, shall be obtained and enclosed with the DPR.
- (iii) Whenever power point presentation or otherwise are sought for, the consultants shall make themselves available to various committees.

5. SURVEY, DATA COLLECTION AND INVESTIGATION

a) Field Survey

Planning and design of the Park of Dr. Rajendra Prasad Samadhithal, Bans ghat, Patna Scheme shall require topographical survey of the project area to be carried out and necessary base plans with spot levels and contour levels shall be prepared.

where survey details are given by BUIDCo, the project area's details should be verified at random based on the given survey drawing and additional areas, if in the town, should be surveyed and the complete details got certified by the ULB for completeness of coverage, and a layout plan to scale as specified shall be prepared indicating the existing and proposed components along with RLs.

Where basic input data on survey is not given by BUIDCo, Consultant shall carry out Topographical survey project area and prepare road plan with levels along roads/streets at suitable intervals and junctions of roads, locations such as change in gradient, road turnings, zoning areas and selection of site for head works etc in the listed ULBs under consultancy and prepare contour map.

The survey shall be guided by the following:

Establishing Temporary Benchmarks at suitable places near the Park with respect to the known GTS



benchmark or a benchmark transferred from GTS by departments like Public Works Department etc.

Landside features to be include but not limited to

- Electrical poles, telephone poles, transformers, manholes, trees, building lines, type of buildings (kutcha/semi pucca/pucca/shops/houses, no. of sectors etc.), and also building frontage, Water Supply lines, taps, bore wells, open wells, overhead tanks etc., all water bodies – lakes, streams, ponds, canals places such as temples, temple mast, mosque, church, grave yard, road width, type of road surface etc.
- Locations of existing drains clearly identifying the type (open/closed/kutcha/pucca, within or outside foot path), width and invert level of drain including the beginning and end of drain.
- Location of existing sewers (if any), manholes etc
- Railway lines with details of culverts-ventway and levels
- Details of flood marks and Flood levels available at site
- During Field Survey, the Consultant is expected to coordinate with the relevant Local Body and identify potential sites for Over Head Tanks, Sewage Pump stations, Treatment Plant, Tube Wells etc. and collect Katha/Khesra details for the chosen sites
- Carry out Block level survey at suitable intervals of the chosen sites

b) Data Collection

The consultant shall be wholly responsible for all the details of the proposal, the physical and site conditions, the execution methodology etc. All data utilized in preparation of the proposal shall be presented indicating the source of the data and also the basis of assumptions, if any. The consultant shall be responsible for all the data or designs and drawings and cost estimate given by them.

c) Soil Investigations

Soil investigation the site of Scheme and park shall be at approximately 500 m intervals and shall be used to profile the subsurface.

6. LAND REQUIREMENT

The Consultant shall obtain No Objection Certificate from Land belonging PMC before finalizing the feasibility report. BUIDCO will facilitate in obtaining the NOC from PMC Patna if required. No payment for Preparation of DPR will be entertained if NOC not obtain for elected Location.

7. OUTPUTS AND DELIVERABLES

Under this contract the Consultant's payments will be on output and deliverables based. It is very important for the consultants to note the exact outputs required and their contents. The desired outputs & deliverables under this contract are as shown in the table below.

8. REPORTS TO BE SUBMITTED BY THE CONSULTANT TO BUIDCO

All reports, documents and drawings obtained by the consultant are to be submitted by him to the client under this assignment. The analysis of data and the design proposals shall be based on the data derived from the primary surveys and investigations carried out during the period of assignment. Then sources of data and model relationships used in the reports shall be indicated with complete details for easy reference.

Since the project preparation is quite expensive and time consuming, the projects under this assignment are proposed to prepare in various stages and at the end of each stage decision shall be taken at competent level and conveyed to consultants whether to proceed for next stage. Project preparation activities will be split into four stages as brought out below.

Stage 1: Inception Report including Quality Assurance Plan;

Stage 2: Feasibility studies and Feasibility Report (FR)

Stage 3: Draft Detailed Project Report (DDPR)

Stage 4: Detailed Project Report (DPR) and Soft Excel and PDF sheet of BOQ

Time schedule in respect of all such stages has been indicated in earlier Paragraphs. Consultant shall be required to complete, to the satisfaction of the client, all the different stages of assignment within the time frame indicated in the schedule of submission pertaining to Reports and Documents for becoming eligible for payment for any part of the next stage.

The Consultant shall submit to the client the final reports and documents in **bound volumes** (and not spiral binding form) after completion of each stage of work as per the schedule and in the number of prescribed copies. Further, the reports shall also be submitted in CDs in addition to the hard copies. The soft copy shall be in original version and shall not be converted in pdf form. Consultant shall submit all other reports mentioned specifically in the RFP.

The time schedule for various submissions shall be strictly adhered to. No time-over-run in respect of these submissions will normally be permitted. Consultant is advised to go through the entire terms of reference carefully and plan his work method in such a manner that various activities followed by respective submissions as brought out are completed as stipulated. Consultant is, therefore, advised to deploy sufficient number of supporting personnel, both technical and administrative, to undertake the assignment. As far as possible, the proposal should include complete information such as number of such persons, name, position, period of engagement, etc. The Consultant is also advised to start necessary survey works/data collection from the beginning so as to gain time in respect of various other activities in that stage.

STAGE -1

Quality Assurance Plan (QAP) Document

Immediately upon the award, the Consultants shall visit the town(s) and submit four copies of the QAP document covering all aspects of field studies, investigations design and economic analysis. The quality assurance plans/procedures for different field studies, engineering surveys and investigation, design and documentation activities should be presented as separate sections like engineering surveys and investigations, material geo-technical and sub-soil investigations, hydrological investigations, economic & financial analysis, drawings and documentation; preparation, checking, approval and filing of calculations, identification and traceability of project documents etc.

Inception Report (IR)

The Inception Report shall cover the following major aspects:

- (i) Project appreciation;
- (ii) Detailed methodology to meet the requirements of the RFP finalized in consultation with BUIDCO officers; including scheduling of various sub-activities to be carried out for completion of various stages of the work; stating out clearly their approach & methodology for project preparation after due inspection of the entire project stretch and collection/ collation of necessary information;
- (iii) Task Assignment and Manning Schedule;
- (iv) Work programme;
- (v) Performa for data collection;
- (vi) Key plan and Linear Plan;
- (vii) Development plans being implemented and / or proposed for implementation in the near future by the ULB and other line agency and the possible impact of such development plans on the overall scheme for field work and design for the study;
- (viii) Draft design standards; and

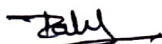
STAGE -2

Feasibility Report (FR)

The Consultant shall commence the project preparation in accordance with the prescribed guidelines. Before going for detailed feasibility studies; the Consultant shall carry out pre-feasibility studies for screening and ranking of all project alternatives and to select an appropriate alternative for carrying out detailed feasibility studies.

The Feasibility Report shall contain the following:

- (i) Executive summary
- (ii) Project Background, Introduction, Project Area and Need of the Project
- (iii) Long Term Plan to address project objectives



The Proposed Project

- a. Objectives
 - b. Project Users
 - c. Rehabilitation and De-bottlenecking of the Existing Systems
 - d. Project Description
 - e. Support Activities
 - f. Integration of the Project with the Existing and Future Systems
 - g. Agencies Involved in Project Implementation and Relevant Aspects
 - h. Establishing Feasibility may be based on Block Cost Estimates.
 - i. Implementation Schedule with detailed PERT/CPM Charts
 - j. Operation and Maintenance of the Project
- (iv) Conclusions and Recommendations

The FR should clearly address the following points

- (i) Methodology adopted for the study
- (ii) Socio-economic profile of the project areas
- (iii) Consultant need to bring out all such issues at the feasibility stage. This would particularly include but not be limited to:-
 - a. Preliminary cost comparison (capital expenses)
 - b. Feasibility of implementation of sewerage and drainage in City where fully functional water supply system is already in place.
 - c. Way forward and road map for ULBs/PHED for preparation of soft side components of park including assessment of revenue.
- (iv) Indicative design standards, methodologies and specifications
- (v) Investigations, Surveys and analysis
- (vi) Alternatives considered for coverage, zoning, sewage treatment technology, water sources considered etc.
- (vii) Detailed analysis of recommendations made in CDP and CSP and how the same are proposed to be incorporated or found not feasible.
- (viii) Preliminary land acquisition/transfer requirements
- (ix) Preliminary Cost estimates

The basic data obtained from the field studies and investigations shall be submitted as an Appendix to the FR.

FR Approval: Any comments, revisions and modifications in the FR suggested by BUIDCo shall be incorporated and submitted within 5 days of receipt of comments from BUIDCo.

STAGE: 3

Draft Detailed Project Report (DDPR)

The DDPR Submission as given below:

- Volume I – Main Report together with Economic, Financial and Environmental Reports
- Volume II – Survey, Investigations and Detailed Designs
- Volume III – Data for Materials and Works, Detailed Estimates of Quantities and Cost
- Volume IV – Drawings (In autocad and pdf)

The DPR incorporating comments of clients group shall be submitted to Ministry of Urban Development/ Ministry of Environment & Forest (MoEF), Govt. of India or any other funding agency through Urban Development and Housing Department (UDHD), GoB for approval and for consideration of funding. GoB may also consider for funding of some infrastructure under State plan. Any comments, revision and modifications suggested by Govt. of India/GoB/Funding agency through UDHD shall be incorporated and DPR shall be suitably modified. The Final DPR will be accepted only after approval of DPR from sanctioning authority. Consultant will also facilitate for getting approval of DPR.





- (i) The Proposed Project
 - a. Objectives
 - b. Project Users
 - c. Rehabilitation and De-bottlenecking of the Existing Systems
 - d. Project Description
 - e. Support Activities
 - f. Integration of the Project with the Existing and Future Systems
 - g. Agencies Involved in Project Implementation and Relevant Aspects
 - h. Establishing Feasibility may be based on Block Cost Estimates.
 - i. Implementation Schedule with detailed PERT/CPM Charts
 - j. Operation and Maintenance of the Project

(ii) Conclusions and Recommendations

The FR should clearly address the following points

- (i) Methodology adopted for the study
- (ii) Socio-economic profile of the project areas
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Table 3: Personnel Requirement

Sl no	Designation of key Experts	No's of Experts	Man Month
1	Team Leader cum Structural Engineering Expert.	1	3
2	Park /horticulture work Expert	1	3
3	Road Expert	1	1
4	Structural Engineer	1	1
5	Survey & Geotechnical	1	1
6	Social and Institutional Expert	1	2
7	Environmental Engineer-cum-EIA Expert	1	1
	SUPPORT STAFF		
(i)	Support Engineers (Civil)	1	3
(ii)	Drafting Support/CAD Opera RFP	1	1

12. PAYMENT TO THE CONSULTANTS

- The consultancy charges for performance of the services under the contract shall be paid by the client as per payment schedule given in Terms of Reference.
- The client shall pay the Consultant, the GST on prevailing rates as applicable on the consultancy charges.
- It is expected that consultant has quoted amount considering all requirements for satisfactory performance of the services included in RFP. If the consultant has not considered any component for performance of the services, no extra payment shall be made on this account.
- The Consultant will be paid consultancy fee as a percentage of the quoted price of the specific DPR as per the schedule given below :-

Table 5: Payment Terms

SNo	Description	Payment
1	On submission of Stage-I Report (Inception Report and Quality Assurance Plan) and its approval by BUIDCo	5%
2	On Submission of Stage-2 Reports (Feasibility Report) including survey and investigation reports	5%
3	On approval of Stage-2 Report (Feasibility Report) by BUIDCo	5%
4	On Submission of Stage-3 Reports (Draft DPR)	20%
5	On approval of Stage-3 Reports (Draft DPR) by BUIDCo based on comments of BUIDCo	20%
6	On Submission of State-4 (Final DPR)	20%
7	On approval of State- 4, (Final DPR) from the funding agency	25%
	Total	100%

- The above schedule of payment shall be subject to availability of fund.
- The client reserves the right to stop the consulting assignment for full or part of the assignment at any stage of its execution by the Consultant in specific cases, if required by funding agency. In the event of such discontinuation of full or part of the assignment, the Consultant shall be compensated to the extent of the work done by it.

[Signature]

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