



**KERALA FOREST DEPARTMENT
FOREST DEVELOPMENT AGENCY, THRISSUR
(SPECIAL PURPOSE VEHICLE FOR THRISSUR ZOOLOGICAL PARK)
REQUEST FOR PROPOSAL**

Request for Proposal from among Total Solution Providers for IT Implementation in Government for Establishing and Running Surveillance System in Thrissur Zoological Park with Optical Fiber Backbone of sufficient Band width for Multiple Applications on DBFOT system.

Bid Fee	Rs 7500/-+GST @18% i.e. Rs 8850/-
Bid Security Deposit (EMD)	Rs 1,00,000/- (Rupees one lakh only).
Period of Operation	03 years extendable to 05 years.
Last Date of Submission	02-03-2026 up to 5.00PM
Date of pre-bid meeting	28-02-2026 at 03.00 PM in the Office of Thrissur Zoological Park Puthur.P.O, Near Kurisumoola, Thrissur-680 014/Online participation on request.

Tender documents and tender schedule may be downloaded from thee-GP Website www.etenders.kerala.gov.in

Funded by KERALA INFRASTRUCTRE INVESTMENT FUND BOARD (KIIFB)
(A Statutory Body under Finance Department, Govt. of Kerala)

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Kerala Forest
Department Thrissur Forest
Development Agency
(Special Purpose Vehicle for Thrissur Zoological Park)
O/O The Conservator of Forests & Chief Executive Officer, Thrissur Zoological Park-
Puthur P.O, Near Kurisumoola 680014

No: PQ BID NO- SPV 58/2026 Dated 24-02-2026

REQUEST FOR PROPOSAL

The Chief Executive Officer, Thrissur Forest Development Agency, Special Purpose Vehicle for Thrissur Zoological Park Project, Puthur P.O, Puthur, 680014, for and on behalf of the Governor of Kerala invites proposals from Total Solution Providers (TSP) for IT Implementation in Government having experience in Designing and Establishing Surveillance System preferably wired through optical fibre backbone for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions through Technology Partner for establishing the system and long term maintenance having experience in establishing surveillance system for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions and having financial strength to implement the system on DBFOT mode for Designing , Establishing and Running Surveillance System for Thrissur Zoological Park with Optical Fibre Backbone of sufficient band width for multiple purpose involving live streaming, emergency response system, digital signages, free wi-fi for visitors etc. for a period of 07 (Seven) Years extendable to 10 (ten) years. The TSP should have annual turnover of Rs 75 Cr in any one of the last three years. The Technology Partner should have annual turnover of Rs 40 Cr in any one of the last three years. Both the TSP and Technology Partner should have sufficient technical manpower with them.

1	Name of Work	Establishing and Running Surveillance System for Thrissur Zoological Park with Optical Fibre Backbone of sufficient band width for multiple purpose involving live streaming, emergency response system, digital signages, free wi-fi for visitors etc.
2	Location of Work	Thrissur Zoological Park covering an area of 138.6 hectares

3	Bidding procedure	Two Cover System consisting of Pre-qualification and financial bid
6	Bid Security (EMD)	Rs 1,00,000/- (Rupees one lakh only)
7	Bid submission fee (tender fee)	Rs.7500/- (Rupees seven thousand and five hundred only)+ GST @18%, i.e, Rs 8,850/- (Rupees eight lakh eight thousand and fifty only)
8	Period of completion	07 years extendable to 10 years.
9	Classification of Bidder	Total Solution Providers (TSP) for IT Implementation in Government having experience in Designing and Establishing Surveillance System preferably wired through optical fibre backbone for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions through Technology Partner for establishing the system and long term maintenance having experience in establishing surveillance system for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions and having financial strength to implement the system on DBFOT mode. The TSP should have annual turnover of Rs 75 Cr in any one of the last three years. The Technology Partner should have annual turnover of Rs 40 Cr in any one of the last three years. Both the TSP and Technology Partner should have sufficient technical manpower with them
10	Bid submission start date	26-02-2026
11	Last date and time of bid submission	02-03-2026 up to 04.00PM
12	Pre Bid meeting –Date, time and Place	At 03.00 PM on 28-02-2026 in the Office of Thrissur Zoological Park, Puthur P.O, Near Kurisumoola, Puthur, Thrissur -680 014 /online meeting on request.
13	Date and time of opening of Technical Bid	02-03-2026 at 05.00 PM

Bid documents will be uploaded in the website of Kerala Forest department www.forest.kerala.gov.in. Bid documents will be emailed to the TSPs as per the various orders issued by Kerala Government.

The bids shall be opened on 02-03-2026 at 05.00 PM at the office of the Chief Executive Officer, SPV for Thrissur Zoological Park Project, O/O Thrissur Zoological Park, Puthur P.O, Near Kurisumoola, Puthur, Thrissur- 680014 in the presence of the Bidders / their authorized representatives who wish to attend at the above address. If the tender opening date happens to be on a holiday or non- working day due to any other valid reason, the tender opening process will be done on the next working day at same time and place. The bids submitted by the Bidders will be evaluated as per the terms and conditions set out in the bid document for pre-qualification and the price bid of only the pre-qualified Bidders shall be opened. The date and time of opening of the Price bid will be intimated by e- mail to the Bidders who are Pre-qualified after evaluation of Technical Bids.

More details can be had from the RFP or Office of the Chief Executive Officer SPV for Thrissur Zoological Park Project, O/O Thrissur Zoological Park, Puthur P.o, Near Kurisumoola, Puthur, Thrissur- 680014 during working hours.

Chief Executive Officer, SPV for Thrissur Zoological Park Project, O/O Thrissur Zoological Park, Puthur P.o, Near Kurisumoola, Puthur, Thrissur- 680014 reserves the right to accept or reject any or all tenders without assigning any reason thereof. More details about the tender can be obtained from the Telephone numbers 9447378780 (Director, Thrissur Zoological Park) /9447979176 (Assistant Conservator of Forests)

Chief Executive Officer,
SPV for Thrissur Zoological Park
Project, Kerala Forest
Department.

PART 1

INSTRUCTION TO BIDDERS

1. About Thrissur Zoological Park:

The Thrissur Zoological Park, located at Puthur in Thrissur District in the state of Kerala, India, is the first fully designed zoo in India, designed by world famous zoo designer Jon Coe. The works relating to the Park, having facilities comparable to international zoos, are almost completed. Facilities for housing all animals in the present Thrissur Zoo which is getting fully relocated to the new site and facilities for animals to be brought from other zoos in India and zoos abroad are set up over 138 hectares for forest land at Puthur in Pattikkad Forest Range. The animal houses are established in the foothills of five interconnected hillocks spreading over a circular distance of 6 kilometers.

The park will feature several different habitats, including tropical forests, grasslands and wetlands to provide a natural and authentic environment for the animals. Driven by the necessity to relocate the century old State Museum and Zoo, Thrissur, to a spacious location befitting the habitat requirements of animals in captivity, State of Kerala decided in 2012 to establish a modern Zoological Park at Puthur in Thrissur District. Jon Coe, the zoo designer has effectively made use of every element of the undulating forest terrain to create habitats for animals, terrestrial, arboreal and aquatic, both in indoor and outdoor spaces. Great Aviaries, nocturnal houses and open exhibits cover the chain of animal habitats in circular layout at the foot of forested hills over more than four kilometers. Zoo construction started in 2019, following strict environmental safeguards, is almost completed and the project is already commissioned on 28th October, 2025. Rs 331 Crore has been sanctioned from Kerala Infrastructure Investment Fund Board (KIIFB) and Rs 45 Crores through State Budget.

It is expected that around 25 lakhs visitors including students would visit the Zoological Park for entertainment and education purpose.

The present proposal is part of the ongoing activities in the Zoological park in connection with implementation of e-Governance and citizen centric service to public (G2C service) wherever possible in tune with the policy of State Government. .

2. Broad Scope of Work:

The broad scope of work is designing and establishing a surveillance system for Thrissur Zoological Park covering all animal houses, visitor access areas and all security risk areas as per the map attached to this document for the purpose of showing geographical areas and indicative surveillance system. The proposed system will have the following general components:

- 2.1. Optical Fiber cable covering the surveillance area for wired surveillance; the fiber should have sufficient band width for scaling up the activities.**
- 2.2. Towers for installing wireless access points wherever necessary.**

- 2.3. **Surveillance cameras of PTZ type or other suitable type for covering 23 animal enclosures, 15 viewing shelters, 4 major junctions, about 20 security risk areas etc. as tentatively indicated in the attached map. The Agency is required to assess the requirement in consultation with the officials of Thrissur Zoological Park.**
- 2.4. **All supporting software, controlling systems etc.**
- 2.5. **Wi-fi connectivity in zoo compound for free wi-fi access to visitors**
- 2.6. **Emergency response system including public address system and supporting services.**
- 2.7. **Setting up of value added services including digital display boards, multi-media players event advertisements, digital signages etc.**
- 2.8. **Revenue earning products like digital bill boards, both outdoor and indoor, animal live streaming portal etc and marketing of the same.**
- 2.9. **Any other service ancillary to the above services.**
3. Bidder Eligibility:
 - 3.1. The bidder should be Total Solution Providers (TSP) for IT Implementation in Government having experience in Designing and Establishing Surveillance System preferably wired through optical fiber backbone for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions through Technology Partner for establishing the system and long term maintenance having experience in establishing surveillance system for Central/State Government Departments/ Central/State Government PSUs / Central /State Government Autonomous Institutions and having financial strength to implement the system on DBFOT mode.
 - 3.2. In addition to the above eligibility, the eligibility as per pre-qualification details also will be applicable.
4. Technical Proposal:
 - 4.1. Technical proposal should be vetted by TSP. Best specifications and make of materials are to be used.
 - 4.2. The technical proposal will be approved by the Technical Committee of the Client.
 - 4.3. TSP will supervise the execution of the work in the field. Commissioning of the project will be based on the technical compliance report of the TSP.
5. Data Centre: TSP will advise the client on the best data center for storage of data and security of data. Protocol for data access also will be finalized.
6. DBFOT system:
 - 6.1. The bidder (TSP) is required to identify Technology Partner who is having relevant experience and financial capability to invest. The return from investment is through establishing revenue earning services like digital sign boards, animal live streaming portals etc. Both outdoor and indoor digital sign boards will be installed at client approved sites. Marketing of these sites for earning revenue is the responsibility of the TSP-Technology Partner.
 - 6.2. The contract period is three years extendable to five years. Six months will be required to establish the facility. Income generation should start from seventh month onwards. Income sharing should start from 7th month onwards.
 - 6.3. TSP should offer the percentage of share of income to the Client. Percentage of share of income to TSP also is to be offered.
 - 6.4. Technology partner cum investor is not permitted to participate as consortium or joint

venture.

7. Accounting of Income from the Project:

- 7.1. All income streams will be identified and the income credited to a designated account maintained jointly by the Client and TSP.
- 7.2. Advertisement income from Public Sector Units and Corporate bodies will be directly accounted. Income from monetized platforms will be part of indirect advertisement income.
- 7.3. This income will be shared on mutually agreed ration stipulated in the concession agreement to be executed jointly by the Client, TSP and Technology Partner.

8. Bidding:

- 8.1. The bid invited is pre-qualification bid with financial bid based on percentage of income sharing.

9. The Bidder, both the TSP and Technology Partner shall have valid GST Registration and PAN.

10. Cost of Bidding: The Bidder shall bear all costs associated with the preparation & submission of its bid and site visits, and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

11. Site Visit: The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering in to a concession agreement.

12. Bidding Documents:

- 12.1. The bidding documents shall consists of the following unless otherwise specified

- a. Notice Inviting Tender (NIT)
- b. Instructions to Bidders.
- c. Pre-qualification criteria
- d. Pre-qualification application
- e. Technical Proposal.
- f. Business plan
- g. Financial proposal.

- 12.2. The Bidding documents can be downloaded from the website of Kerala Forest department www.forest.kerala.gov.in. The documents are e-mailed to all TSPs as per the following Government Orders

12.2.1. G.O (Ms) No. 62/99/ITD dated 22-04-1999

12.2.2. G.O (Ms) No. 3/2000/ITD dated 22-02-2000

12.2.3. G.O (Ms) No. 13/2000/ITD dated 28-07-2000 and amended G.Os issued subsequently.

- 12.3. The Bidder is expected to examine carefully all instructions, Conditions of Contract, and Drawings in the Bid Document. Failure to comply with the requirements of Bid Document shall be at the Bidder's own risk.

13. Clarification of Bidding Documents and Pre-Bid meeting :

- 13.1. A prospective Bidder requiring any clarification of the bidding documents shall contact the office of the Tendering Authority on any working day between 10 am and 5 pm.

- 13.2. In case the clarification sought necessitates modification of the bid documents, being unavoidable, the Tender Inviting Authority may effect the required modification and publish them in the website through corrigendum in pursuance to clause 2.3 of this bid document.

- 13.3. Because of the specialized nature of this work the Tender Inviting authority will conduct a pre-bid meeting to clarify the queries raised by prospective Bidders.

13.3.1. The venue, date and time for such pre-bid meetings will be notified in the

Notice Inviting RFP.

- 13.4. The Bidder is requested as far as possible to submit any questions in writing or by e-mail, to reach the Employer not later than three days before the meeting. It may not be practicable at the meeting to answer questions received late, but questions and responses will be transmitted in accordance with the following:
- 13.5. Minutes of the meeting including the text of the questions raised and the responses given together with any responses prepared after the meeting will be published in the e-tenders portal as corrigendum.
- 13.6. Any modification of the tender documents which may become necessary as a result of the pre-bid meeting shall be made by the Tender Inviting Authority exclusively through the issue of an addendum and not through the minutes of the pre-bid meeting.
- 13.7. Non attendance at the pre-bid meeting will not be cause for disqualification of a Bidder.
- 13.8. Non attendance at the pre-bid meeting will not be cause for escape from any bid requirements whatsoever.
- 13.9. Amendment to bidding documents:
 - 13.9.1. Before the deadline for submission of bids, the Tender Inviting Authority may modify the bidding document by issuing addenda.
 - 13.9.2. Any addendum thus issued shall be a part of the bidding documents which will be published in the e-tender website. The Tender Inviting Authority will not be responsible for the prospective Bidders not viewing the website in time.
 - 13.9.3. If the addendum thus published does involves major changes in the scope of work, the Tender Inviting Authority may at his own discretion, extend the deadline for submission of bids for a suitable period to enable prospective Bidder to take reasonable time for bid preparation taking into account the addendum published.
14. Language of the Bid: All documents relating to the bid shall be in English language.
15. Preparation and submission of bid: The bid is offline bid consisting of Pre-qualification bid cover and financial proposal cover, suitably labelled over the covers, both enclosed in a common cover super scribed "Bid for Designing and Establishing Surveillance System in Thrissur Zoological Park".
 - 15.1. Documents Comprising the pre-qualification bid:
 - a. Document to prove payment of bid submission fee as detailed in the Notice Inviting RFP
 - b. Bid Security (EMD) payment details.
 - c. Duly filled pre-qualification application and accompanying forms .
 - d. Technical proposal:
 - e. Business plan.
 - 15.2. Financial proposal- comprising the quote of percentage of income from value added services offered to the Client for year 1, year 2 and year 3.
16. The currency of bid and payment shall be quoted by the Bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees only.
17. Bid Validity:
 - 17.1.1. Bids shall remain valid for the period of 90(ninety) days from the date of

opening of the Financial proposal. A bid valid for a shorter period shall be rejected by the Employer as non-responsive.

17.1.2. In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request the Bidders to extend the period of validity for a specified additional period. The request and the responses thereto shall be made in writing or by e-mail. A Bidder may refuse the request without forfeiting his bid security. A Bidder agreeing to the request will not be required or permitted to modify its bid, but will be required to extend the validity of his bid security for the period of the extension and in compliance with Clause 3.6 in all respects.

18. Bid Security:

18.1. The Bidder shall furnish, as part of his Bid, a Bid Security for an amount as detailed in the Request for Proposal. The Bid Security (EMD) is to be remitted to the bank account of the SPV, the details of which are given below:

Name of Bank	: Canara Bank, Puthur Branch
Account Number	: 3533201000081
Type of Account	: Current Account
IFS Code	: CNRB0003533

18.2. Any Bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.

18.3. The Bid Security of the unsuccessful Bidder shall become refundable as promptly as possible after finalization of the tender.

18.4. The Bid Security of the successful Bidder will be discharged when the Bidder has furnished the required Performance Guarantee and signed the agreement.

18.5. Waiving of bid security is allowed in respect of organizations, which are exempted by Government to that effect. In this case, the bidder shall produce copy of the Government order showing exemption in remittance of bid security while participating in the tender process.

18.6. The Bid Security may be forfeited:

- a. if the Bidder withdraws the Bid after Bid opening during the period of Bid validity including extended period of validity; or
- b. if any modification is effected to the tender documents or
- c. in the case of a successful bidder, if the Bidder fails within the specified time limit to:
 - (i). sign the Agreement; or
 - (ii). Furnish the required Performance Guarantee or
 - (iii). If the Bidder fails to convince the Employer about the reasonability of his unbalanced bid prices of his price bid.
- d. In such cases the work shall be rearranged at the risk and cost of the selected bidder

18.6.1. The Bid Security deposited with the Employer will not carry any interest.

19. Bid submission fee:

- 19.1. Bid submission fee (Tender Fee) as per the Notice inviting RFP shall be remitted to the bank account of the SPV given in clause 18 above.
 - 19.2. Any bid not accompanied by the Tender Fee as notified shall be rejected by the Employer as nonresponsive.
 - 19.3. Tender Fee remitted will not be refunded.
20. Alterations and additions:
- 20.1.1. The bid shall contain no alterations or additions, except those to comply with instructions issued by Employer, or as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.
 - 20.1.2. The bidder shall not attach any conditions of his own to the bid. The tender price must be based on the tender documents.
21. Signing of Bids:
- 21.1. All documents of the Bid as required shall be typed and shall be signed by the Bidder or person duly authorised to sign on behalf of the Bidder.
 - 21.2. In the event of the tender being submitted by a partnership firm it must be signed by the lead partner holding a valid power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
 - 21.3. The Bidder shall submit their bid in paper book from enclosed in covers as specified in clause 15 above.
22. Bid Opening and Evaluation
- 22.1. Bids shall be opened on the specified date & time, by the tenderinviting authority or his authorised representative in the presence of Bidders or their designated representatives who choose to attend.
 - 22.2. In the event of the specified date of bid opening being declared a holiday for the Employer, the bids will be opened at the same time on the next working day.
23. Confidentiality :
- 23.1. Information relating to the examination, clarification, evaluation, and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award has been announced in favour of the successful Bidder.
 - 23.2. Any effort by a Bidder to influence the Employer during processing of bids, evaluation, bid comparison or award decisions shall be treated as Corrupt & Fraudulent Practices, mentioned in this NIT and may result in the rejection of the Bidders' bid.
24. Clarification of Bids :
- 24.1. To assist in the examination, evaluation, and comparison of bids, and qualification of the Bidders; the Tender Inviting Authority may ask the Bidder for required clarification on the information submitted with the bid. The request for clarification and the response shall be in writing or by e-mail, but no change in the price or substance of the Bid shall be sought, offered, or permitted.
 - 24.2. Subject to clause 24.1, no Bidder shall contact the Tender Inviting Authority on any matter relating to the submitted bid from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Tender Inviting Authority, it shall do so in writing.
25. Examination of Bids, and Determination of Responsiveness:

- 25.1. During the detailed evaluation of Technical Bid, the Tender Inviting Authority will determine for each Bid,
 - a. meets the eligibility criteria as required in the RFP;
 - b. meets the qualification criteria in accordance with the provision of RFP; and
 - c. is accompanied by the required bid submission fee, bid security and the required documents and certificates.
- 25.2. A substantially responsive bid is one which conforms to all the terms, conditions, and requirements of the bidding documents, without material deviation or reservation. A material deviation or reservation is one
 - a. which affects in any substantial way the scope, quality, or performance of the Works;
 - b. which limits in any substantial way, inconsistent with the bidding documents, the Employer's rights or the Bidder's obligations under the Contract; or
 - c. whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.
- 25.3. If a Bid is not substantially responsive, it may be rejected by the Tender Inviting Authority, and may not subsequently be made responsive by correction or withdrawal of the nonconforming material deviation or reservation.
- 25.4. Non submission of legible or required documents or evidences may render the bid non-responsive.
26. Evaluation of Bids:
 - 26.1. The Technical evaluation of all the bids shall be carried out as per information furnished by Bidders. The Tender Inviting Authority will evaluate bid and finalize list of responsive Bidders.
 - 26.2. The technical bid submitted by the responsive Bidders shall be evaluated as per the pre-qualification criteria by The Tender Accepting Committee for selecting the pre-qualified Bidder.
 - 26.3. The Price Bids of the technically responsive and pre-qualified Bidders shall only be opened.
27. Negotiation on Bids :
 - 27.1. For tender evaluation purpose, the bidder who has quoted the highest percentage share of income will be considered as H1 bidder. The Tender Inviting Authority will resort to negotiation with the H1 Bidder:
28. Technical Proposal: The bidder is required to submit detailed technical proposal as per the details given in Part V.
29. Business Plan: The bidder is required to submit detailed business plan as per the details given in Part VI.
30. Award of Contract:
 - 30.1. The Tender Inviting Authority will award the Contract to the Bidder whose bid has been determined to be substantially responsive and who has offered the highest share of share of revenue to the Client.
 - 30.2. Tender Inviting Authority reserves the right to accept or reject any Bid and to cancel the Bidding process and reject all Bids at any time prior to the award of Contract,

without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Tender Inviting Authority's action.

31. Notification of Award and Signing of Agreement:

- 31.1. The Bidder, whose Bid has been accepted, shall be notified of award by the Agreement Authority prior to expiration of the Bid validity period by facsimile or e-mail confirmed by letter sent through post. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the accepted rate per unit weight of solid waste .
- 31.2. The notification of award will constitute the formation of the Contract, subject only to the furnishing of a performance Guarantee in accordance with the provisions of Clause 32 of this section, within 14 (fourteen) days of issue of letter of acceptance.
- 31.3. If the successful Bidder fails to furnish the required Performance Guarantee as detailed in clause 32 of this section and enter into contract, within the above stipulated time, further 7 days time will be allowed at the request of the bidder, for which the successful Bidder has to remit a fine equal to Rs.25,000/- (Rupees twenty five thousand only).
- 31.4. Upon the furnishing by the successful Bidder of bidder of Performance Guarantee, the Agreement Authority will promptly notify the other Bidders that their Bids have been unsuccessful and refund the Bid Security.

32. Performance Guarantee:

- 32.1. The Bidder whose tender is accepted shall be required to furnish Performance Guarantee to be submitted before executing agreement.
- 32.2. Performance Guarantee to be submitted at the award of contract should be 5 % of Contract amount and should be submitted within 07 (seven) days of receipt of LOA (Letter of Acceptance) by the successful Bidder. At least fifty percent(50%) of Performance Guarantee shall be in the form of Treasury Fixed Deposit in the name of Agreement Authority for a period not less than 28 (twenty-eight) days after the completion of contract period and balance Performance Guarantee shall be in the form of bank guarantee. Bank Guarantee is to be submitted in the format prescribed by the Employer in the bid document. Bank Guarantee shall be unconditional and it shall be from any Nationalised Bank/Scheduled Bank to be submitted before executing agreement and shall be valid till 28(twenty-eight) days after the completion of contract period.
- 32.3. Contract Price: This is a tender on DBFOT tender. The financial proposal is in the form of percentage of income offered to the Client. The monetary value of this will be tentatively fixed based on the income stream projected by the bidder in the Business Plan in Part V.
- 32.4. After the submission of Performance Guarantee and its acceptance, the Bid Security will be refunded to the successful Bidder.
- 32.5. The Performance Guarantee shall cover additionally the following guarantees to the Employer:
- 32.6. The Performance Guarantee is intended to secure the performance of the entire Contract. However, it is not construed as limiting the damages stipulated in the other clauses in the bidding documents.
- 32.7. The Agreement Authority shall be at liberty to deduct/appropriate from the Contract Performance Guarantee such sums as are due and payable by the contractor to the

Employer as may be determined in terms of the contract, and the amount appropriated from the Contract Performance Guarantee shall have to be restored by Contractor subsequently.

32.8. Failure of the successful Bidder to comply with the requirements of sub-clause 6.1 to 6.5 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security.

33. Concession Agreement: The conditions to be included in the concession agreement between the Client, a Government Entity, TSP and the Concessionaire broadly include the conditions in this RFP. Conditions within the broad framework will be worked out in detail between the parties.

34. Period of the Contract:

34.1. **The Contract is for a period of seven years extendable to 10 years. At the end of seventh year, the authorities of Client will evaluate the performance of the TSP and Technology Partner and make an offer to extend the contract for a further period of 2 years. Then the contractor will be asked to make financial bid for the 8th, 9th and 10th years and if the quote is found advantageous, the same will be accepted by Client and contract extended accordingly.**

34.2. Deliverables and Timelines

S.No	Milestone	Deliverable from SP	Timelines
1	Kick-Off meeting	Finalising the Concession Agreement	
2	Submission of Performance Bank Guarantee	Performance Bank Guarantee for 5 % of total contract value should be submitted upon receipt of awarding the contract the successful bidder within 07 working days from the date of work order	
3	Signing of the contract	The Original contract document with TZP and copy will be kept with SP	T
4	Submission of Project Plan document	Detailed Project Work Plan for customization and implementation of application & Data Migration Strategy.	T+1 weeks
5	Submission of Solution Design Document	Technical Design Document including but not limited to: Detailed net-work back bone layout. Location of wi-fi towers. Location of surveillance cameras Location of indoor display units Location of outdoor display units. Location of emergency response speakers. Master Control setting up List of technical manpower	T+2 weeks
6	Infrastructure sizing	Infrastructure Sizing, Deployment Plan, Documentation of all System Configurations. Procurement of Hardware.	T+4 weeks
7	Installation of the	Laying network back bone	T+8 weeks

	surveillance network system in the field	Installation of Camera systems Installation of Display units	
8	Trial run of the system	Installation of software, network management system, training of manpower and operating the system	T+10 weeks
10	Animal live-streaming	Starting of web-based live streaming	T+12 weeks
11	Listing of clients for value added services	Wide publicity, client meets etc.	T+14 weeks
12	Running and maintenance of the system	Monthly/ Quarterly reviews	Up to seven years

35. Corrupt or Fraudulent Practices

35.1. It is required that the Bidders observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, it is defined, for the purposes of this provision, the terms set forth below as follows:

“Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

“Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition.

“collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;

“Coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party.

35.2. The Employer will reject a proposal for evaluation, and/or award if it determines that the Bidder recommended for award has engaged in any of the corrupt or practices in competing for the contract in question and will declare the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract, if it at any time determines that the bidder has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

36. Forms and declarations

36.1. Various forms and formats for declarations to be submitted by the Bidder for Bid submission and pre-qualification detail submissions are included in the Pre-qualification application. Bidders are requested to fill in the required forms and declarations and submit the same with their bids.

PART II SPECIAL CONDITIONS OF CONTRACT

1. DBFOT Tender: This Request for Proposal (RFP) is for the design, installation and operation of Information Technology based Optical Fiber network back bone for multiple use like security surveillance, emergency response system based on Public Address devices, digital siganges, web-based live-streaming, free wi-fi to visitors etc. Income generation through direct and indirect means brings in marketing skills of the bidder to boost the income.
2. Data Centre: Data Centre is a key element of the system. TSP has to specify the Data Centre in the Technical Proposal. The Client, TSP and Technology Partner will decide finally on the specific Data Centre.
3. Master Control: The Client will provide space in the campus for setting up of Master Control. Manning of the master Control will be the responsibility of the Successful Bidder
4. Management Committee: The Client will constitute a management Committee for the System including members from Client side, TSP and Technology Partner. All site level issues will be discussed and sorted out by this Committee.
5. Running of the System: The responsibility of running and maintenance of the system will be that of the TSP and Investor. For this purpose, sufficient technical and management staff are to be deployed at site.
6. Advertisement Policy. The Committee will work out policies and strategies for selection of clients for receiving advertisements. State/Central Government Departments, State/Central PSUs and State/Central Autonomous institutions will be given preference followed by Corporate Clients having good reputation. All contents will be conservation oriented. The Committee will recommend tariff for advertisement telecast at different times during operating hours.
7. Governing law:
The governing Law of the Contract shall be Indian law.
8. Standards of conduct:
 - 8.1.The Contractor, in performing its obligations under this Contract, shall establish and maintain appropriate business standards, procedures and control, including those necessary to avoid any realor apparent impropriety or adverse impact on the interests of the Employer / SPV Official -in-charge/ Authorised Officer of SPV. The Employer / SPV Official -in-charge/ Authorised Officer of SPV will in no event reimburse the Contractor for any costs incurred for purposes inconsistent with such policies.
9. Compliance with Laws, Rules and Regulations: Contractor represents, warrants, certificates and covenants that in connection with performance under this contract that:
 - 9.1.It shall, and the Work to be provided hereunder shall, comply with all applicable Local, National, and Central Laws, rules and regulations, including but not limited to those governing building/road constructions, environmental, safety of persons and property, Employee State Insurance, workmen compensation, Provident Fund and applicable industrial/labour laws, and land development laws, rules and regulations.
 - 9.2.No services provided hereunder will be produced using forced, indentured or convict labour or using the labour of persons inviolation of the minimum working

- age law in the country where the Work are rendered;
- 9.3. It shall comply with all laws regarding improper or illegal payments, gifts or gratuities; and Contractor agrees not to pay, promise to pay or authorize the payment of any money or anything of value, directly or indirectly, to any person or entity for the purpose of illegally or improperly inducing a decision or obtaining or retaining business or any advantage in connection with this Contract;
- 9.4. It has not paid or provided and shall not pay, any gratuity for the benefit of any agent, representative or employee of the Employer other than in accordance with the Employer's applicable policies; and
- 9.5. It has not, and shall not, engage in any sharing or exchange of prices, costs or other competitive information or take any other collusive conduct with any third party supplier or Bidder in connection with the preparation or submission of any bid or proposal to the SPV Official -in-charge/ Authorised Officer of SPV or the negotiation of this Contract.
- 9.6. It will also comply with all rules and regulations of the Employer which may be in effect at the Facility site regarding employment, passes, badges, smoking, fire prevention, safety and conduct or property. On behalf of the SPV Official -in-charge/ Authorised Officer of SPV, Contractor shall request and monitor that such is observed by any Contractor, subcontractors, vendors and each of their employees.
10. Salient Features of Some Major Labour Laws (Applicable to the establishments engaged in construction work)
- 10.1. Workmen Compensation Act 1923: The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
- 10.2. Payment of Gratuity Act 1972: Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years' service or more or on death the rate of 15 days wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.
- 10.3. Employees P.F. and Miscellaneous Provision Act 1952: The Act Provides for monthly contributions by the employer plus workers @ 10% or 8.33%. The benefits payable under the Act are:
- a. Pension or family pension on retirement or death, as the case may be.
 - b. Deposit linked insurance on the death in harness of the worker.
 - c. Payment of P.F. accumulation on retirement/death etc.
- 10.4. Maternity Benefit Act 1951: The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- 10.5. Contract Labour (Regulation & Abolition) Act 1970: The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Employer by Law. The Contractor is required to take license from the designated Officer. The Act is applicable to the establishments of the Contractor for the Employer if they employ 20 or more contract labour.
- 10.6. Minimum Wages Act 1948: The Employer is supposed to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of Buildings, Roads, Bridges,

Runways etc are scheduled employments.

- 10.7. Payment of Wages Act 1936: It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.
- 10.8. Equal Remuneration Act 1979: The Act provides for payment of equal wages for work of equal nature to Male and Female workers and for not making discrimination against Female employees in the matters of transfers, training and promotions etc.
- 10.9. Payment of Bonus: Minimum bonus shall be paid as per the State Government rules prevailing during the time of work.
- 10.10. Industrial Disputes Act 1947: The Act lays down the machinery and procedure for resolution of Industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- 10.11. Industrial Employment (Standing Orders) Act 1946: It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get the same certified by the designated Authority.
- 10.12. Trade Unions Act 1926: The Act lays down the procedure for registration of trade unions of workmen and employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- 10.13. Child Labour (Prohibition & Regulation) Act 1986: The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of children in all other occupations and processes. Employment of Child Labour is prohibited in Building and Construction Industry.
- 10.14. Inter-State Migrant workmen's (Regulation of Employment & Conditions of Service) Act 1979: The Act is applicable to an establishment which employs 5 or more interstate migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in an establishment to which this Act becomes applicable, are required to be provided certain facilities such as housing, medical aid, travelling expenses from home up to the establishment and back, etc.
- 10.15. The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996: All the establishments who carry on any building or other construction work and employs 10 or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 1% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the Building or construction work and other welfare measures, such as Canteens, First-Aid facilities, Ambulance, Housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- 10.16. Factories Act 1948: The Act lays down the procedure for approval at plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 or more persons without the aid of power engaged in manufacturing process.

11. Settlement of Disputes:

In the matter of dispute arising between the TZP and the contractor regarding terms and conditions and execution thereof the matter shall be settled by the Director, TZP and in case of non-settlement of the dispute it shall be referred to the superior Competent Authority.

12. Character and Antecedents of the Outsourced staff:-

- 12.1. Verification of Character and antecedents report of the outsourced staff shall be responsibility of service provider.
 - 12.2. In case of any complaint pointed out by the TZP, the contractor shall immediately replace the particular person so deployed without further arguments.
 - 12.3. The contractor shall be responsible for any loss caused to the TZP by his employees. In case any employee of the contractor enters into dispute of any nature whatsoever, it will be the sole responsibility of the contractor concerned to contest the same. Further, the contractor shall ensure that no financial or any other legal liability comes on the TZP in this respect of any nature whatsoever for the act done by or any person engaged by him and shall keep the TZP indemnified in this respect.
13. Penalty: (a) If the contractor commits any breach of this contract he shall be liable to be fined up to an amount not exceeding $1/4^{\text{th}}$ of the monthly licence fee calculated at $1/12^{\text{th}}$ of annual premium agreed, for every act of default or negligence. On demand, the amount should be deposited within 10 days. The Director, Thrissur Zoological Park reserve the right to cancel the contract within 30 days notices period.
14. The amount of loss, penalty, compensation, licence fee, interest, etc., if not paid within a period of 15 days from the date of demand shall liable for forfeiture of security deposit/performance guarantee.
15. The contract may be terminated by the TZP by giving prior notice not less than three months. However, TZP may terminate the contract at any time without assigning any reason. The decision of the Director, Thrissur Zoological Park shall be final and binding on the service provider in this regard. Failure by the service provider to comply with any statutory requirements during the period of contracts shall result in termination of the contract and subsequent disqualification for participation in any future tender in the Thrissur Zoological Park.
16. The contractor will not be allowed to leave the contract without serving the mandatory notice of three months, failing which the performance security will be forfeited.
17. The contractor shall be solely responsible for any damage/ compensation due to injury/ death of any staff deployed while on duty.
18. TZP shall have no liability whatsoever concerning contractor's employees.
19. The intending bidder should not have been blacklisted/debarred in last three years for participation in tender proceeding by Government Ministries/ Departments/ Government organizations/ PSUs or any other Govt. department/organization. In case the intending bidder is black listed/debarred, for a specified period, in such cases

he shall be allowed to participate only after completion of blacklisted/debarred period.

20. CLAIMS : Whenever any claim for the payment of a sum of money arises under this contract against the contractor the government shall be entitled to recover such sum by the appropriating in part or whole of the said Security Deposit. In the event of the Security being insufficient, the balance shall be deducted from any sum thus due or which at any time thereafter may become due to the contractor under this or any other contract with the Government. Should this sum be not sufficient to cover the full amount recoverable the contractors shall pay to the Government on demand, the remaining due balances. In case of non-payment such of the dues are liable to be recoverable from the contractor as arrears of land revenue. In the event of the Performance Security becoming exhausted or insufficient by reasons of the same being appropriate as aforesaid in part of which the contractor shall forthwith on receipt of a requisition from the Government from time to time renew or replenish such Security as the case may be.
21. The Contractor shall not claim over the TZP whatsoever to compensation in case the zoo has been closed due to an emergency situation like pandemic, bird flu, natural calamity etc.
22. The successful bidder shall not engage sub-contractor for providing their services in collecting the solid waste in Thrissur Zoological Park.
23. The Director, TZP reserves the right to cancel the proceedings against this tender at any stage of tender without assigning any reasons whatsoever may be. All out efforts would be made by the tender opening committee to arrive at H1 bidder based on terms and conditions as stipulated in the tender. However, in case of any ambiguity in quoting rates by any bidder due to which, it would not be possible to arrive correct H1, the decision of the Director, TZP or competent authority would be final.

PART III- PREQUALIFICATION DETAILS AND EVALUATION.

1. EVALUATION PROCEDURE OF TECHNICAL BID

- 1.1. The Eligibility Criteria as mentioned in PART I, Instructions to Bidders will be evaluated by a Committee and those qualify will be considered for further evaluation.
- 1.2. Evaluation of bids shall be done based on the information furnished by the bidder. The conformity of the bids to the eligibility criteria and commercial terms and conditions shall be examined. Responsiveness of the bid shall be determined on the technical and financial capability of the bidder to execute the contract.
- 1.3. TZP may contact and verify bidder's information, references and data submitted in the bid without further information to bidders.
- 1.4. The technical bids will be evaluated by a Committee of the SPV.
- 1.5. Following are the various parameters that would be evaluated during the technical evaluation by the committee and the parameters used for scoring. Bidder must secure at least 70% marks in the technical evaluation criteria as laid out below to fully qualify and be eligible for the financial evaluation.

SI No	Criteria	Supporting document(s)	Max Mark
1.	<p>Annual Turnover: <u>TSP</u> Annual turnover for any of the last three years should be 75 Crores The annual turnover greater than Rs 75 crores– less than Rs 100 Crores – 7 Marks Greater than Rs 100 crores 10 marks</p>	<p>Audited Financial Statements/ Auditor’s certificate.</p>	10
2	<p>Annual Turnover: <u>Technology Partner</u> Annual turnover for any of the last three years should be 40 Crores The annual turnover greater than Rs 40 crores– less than Rs 75 Crores – 7 Marks Greater than Rs 75 crores 10 marks</p>	<p>Audited Financial Statements/ Auditor’s certificate.</p>	10
3.	<p>The bidder should have experience in establishing surveillance system for State/Central Government Department or State / Central PSU or State/Central Government Autonomous Institution. <u>TSP</u> 1 no. of Project completed in the last five years- 7 Marks More than one project in the last five years - 10 marks</p>	<p>Completion certificate issued by competent officer of Client Organisation Customer contact details (Name, email, mobile / Work numbers, organization details)</p>	10
4	<p>The bidder should have experience in establishing surveillance system for State/Central Government Department or State / Central PSU or State/Central Government Autonomous Institution. <u>Technology Partner</u> 1 no. of Project completed in the last five years- 7 Marks More than one project in the last five years - 10 marks</p>	<p>Completion certificate issued by competent officer of Client Organisation Customer contact details (Name, email, mobile / Work numbers, organization details)</p>	10

5	<p>Technical Team :</p> <p>The technical team should have the following man power:</p> <ol style="list-style-type: none"> 1. Project Manager: Graduate with not less than 5 years of experience. 2. Network Engineer: Graduate in Information Technology/Electronics and Communication/Computer Science or Equivalent with not less than two years of experience 3. CCTV system designer. Graduate in Information Technology/Electronics and Communication/Computer Science or Equivalent with not less than two years of experience 4. CCTV Technician. Diploma in Electronics and Communication, Electrical, Computer Science or equivalent field with not less than two years' experience in setting up CCTV Camera networking. 5. Electrician: Diploma/Certificate in electrical engineering with not less than two years' experience in networking. <p><u>TSP</u></p> <ol style="list-style-type: none"> 1. Project Manager: two years to five years experience- 1.5 marks More than five years experience- 2 marks 2. Network Engineer: two years to five years experience- 1.5 marks More than five years experience- 2 marks 3. CC TV System designer: two years to five years experience- 1.5 marks More than five years experience- 2 marks 4. CC TV Technician: two years to five years experience- 1.5 marks More than five years experience- 2 marks 5. Electrician: two years to five years experience- 1.5 marks More than five years experience- 2 marks 	Academic certificate Experience certificate	10
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6	<p>Technical Team :</p> <p>The technical team should have the following man power:</p> <ol style="list-style-type: none"> 1. Project Manager: Graduate with not less than 5 years of experience. 2. Network Engineer: Graduate in Information Technology/Electronics and Communication/Computer Science or Equivalent with not less than two years of experience 3. CCTV system designer. Graduate in Information Technology/Electronics and Communication/Computer Science or Equivalent with not less than two years of experience 4. CCTV Technician. Diploma in Electronics and Communication, Electrical, Computer Science or equivalent field with not less than two years' experience in setting up CCTV Camera networking. 5. Electrician: Diploma/Certificate in electrical engineering with not less than two years' experience in networking. <p><u>Technology Partner</u></p> <ol style="list-style-type: none"> 1. Project Manager: two years to five years experience- 1.5 marks More than five years experience- 2 marks 2. Network Engineer: two years to five years experience- 1.5 marks More than five years experience- 2 marks 3. CC TV System designer: two years to five years experience- 1.5 marks More than five years experience- 2 marks 4. CC TV Technician: two years to five years experience- 1.5 marks More than five years experience- 2 marks 5. Electrician: two years to five years experience- 1.5 marks More than five years experience- 2 marks 	Academic certificate Experience certificate	10
7	Technical Proposal	Evaluation of the Technical Proposal	20

8	Business Plan	Evaluation of the Business Plan	20
	Total		100

Bidders who are qualified in Pre-qualification cum Technical Bid /(short listed bidder) list will be published in the e-tender website

PART IV

PRE- QUALIFICATION APPLICATION

Contract No : **PQ TENDER NO- SPV /58/ 2026**

Name of Work: Designing and Establishing Optical Fiber Network backbone based Surveillance System in Thrissur Zoological Park on DBFOT mode through Total Solution Providers in IT and Technology Partner cum Investor.

To

Chief Executive Officer,
Thrissur Forest Development Agency.

Dear Sir,

Having examined the pre-qualification documents including scope of works and time frame of work execution, I / We hereby submit all the necessary information and relevant documents for prequalifying me / us for bidding for the above mentioned work.

The application is made by me on behalf of.....(
name of the firm) in the capacity of
..... duly authorized to submit the
offer.

The necessary evidence, admissible in law in respect of authority assigned to me / us on behalf of the firm for applying and for completion of the contract documents is attached herewith.

I / We understand that the Employer reserves the right to reject any applications without assigning any reason.

Name of Bidder:

(Name including titled capacity
in which application is made)

Place:

Date:

Encl:

1. Schedule duly filled in the prescribed form, declarations and agreements.
2. Evidence of authority to sign
3. Latest brochures.

SCHEDULE – A

STRUCTURE AND ORGANISATION

1. Total Solution Provider

(To be Given Separately for the Bidder/ Principal Bidder/ Lead Partner and Associate Partners of Consortium))

1. Name of Total Solution Provider:

2. Address :

3. Telephone :

4. Mobile No.

5. E-mail

6. Description of the firm :(Company/ Partnership/

Joint venture/ etc.)

7. Year of registration of the firm and register No.

(Attach a copy of the registration Certificate)

8. Nature of Business of the Firm:

9. Details of Technology Partner cum Investor

9.1. If so, Name of Associate Bidder :

9.2.Address of Associate Bidder:

8. GST registration Number (Copy to be attached)

9. PAN of the Bidder (Copy to be attached)

10. Bank Details of the Firm:

10.1. Name of the bank

10.2. Address of the Branch

10.3. Account Number

10.4. Type of Account

10.5. IFSC

11. No. of years of experience in the field of Designing and Establishing Network Back bone based Surveillance System.

12. Attach a copy of the brochure of the firm:

13. Attach and organization chart showing the structure of the Firm including names and position of Directors and key Personnel:

SCHEDULE – A

STRUCTURE AND ORGANISATION

2. Technology Partner

(To be Given Separately for the Bidder/ Principal Bidder/ Lead Partner and Associate Partners of Consortium))

1. Name of Bidder /Firm / Organisation:
2. Address :
3. Telephone :
4. Mobile No.
5. E-mail
6. Description of the firm :(Company/ Partnership/
Joint venture/ etc.)

7. Year of registration of the firm and register No.

(Attach a copy of the registration Certificate)

8. Nature of Business of the Firm:

9. GST registration Number (Copy to be attached)

10. PAN of the Bidder (Copy to be attached)

11. For the Firms registered abroad,

Name and Address of the registered office in India

12. Bank Details of the Firm:
 - a. Name of the bank
 - b. Address of the Branch
 - c. Account Number
 - d. Type of Account

e. IFSC

13. No. of years of experience in the field of Designing and
Establishing Network Back Bone Based Surveillance system

14. Attach a copy of the brochure of the firm:

15. Attach and organization chart showing the structure of the
Firm including names and position of Directors and key
Personnel:

SCHEDULE – B

1. Total Solution Provider

FINANCIAL STATEMENT OF BIDDER

1. Name of firm:
2. Capital
 - a) Authorised :
 - b) Issued and Paid up :
3. Attach audited balance sheet and profit And loss statements for the past 3 years :
4. Attach Income Tax Returns for the last three financial years.
5. Financial position (Exact amount in Rupees to be stated)
 - a) Cash :
 - b) Current assets :
 - c) Current liabilities :
 - d) Working capital :
 - e) Net worth :
6. Financial ratios:
 - a) Current ratio :Current assets to current liabilities
 - b) Acid test ratio : Cash, temporary investment held in lieu of cash and current revivable to current liabilities.
 - c) Total liabilities to new worth :

Note : Information asked against each item to be carefully filled in . Mere reference to balance sheet in reply to above point is not acceptable.

7. Annual turnover of the firm for each of the last Five years.

Year	Amount in Rs
2020-21	
2021-22	
2022-23	
2023-24	
2024-25	

8. Net profit before tax :

Year	Amount in Rs
2020-21	
2021-22	
2022-23	
2023-24	
2024-25	

9. Name and address of the Chartered Accountant firm who certifies the Annual financial statements.

10. Applicant's financial arrangements for the proposed Work (Exact amount in rupees to be mentioned) :

- a) Own Resources : Rs.
- b) Bank Credit : Rs.
- c) Others (Specify) : Rs.

11. Certificate of financial soundness from bankers of Applicants together with their full address in the following format.

BANK CERTIFICATE

This is to Certify that M/shaving its registered office at is a reputed firm / company with good financial standing. If the contract for the work, namely "Designing and Establishing Optical Fiber Network Backbone based Surveillance system in Thrissur Zoological Park" is awarded to the firm , we shall be able to provide overdraft/ credit facilities to meet their requirements to execute the above contract during the contract period subject to the availability of the limit.

Presently the company is enjoying the working capital facility of Rs Crores and Bank Guarantee limit of Rs.... Crores with us.

Facility	Limit Aailed	Amount Utilized (Immediately date of uploading Tender)	Limit Available (Immediately date of uploading Tender)
Cash Credit			
Bank Guarantee			

This is to certify that this certificate is being issued at the
request of

.....
.....
.....,

Authorized Signatory
Name of Bank

Bank Seal
Place
Date

SCHEDULE – B

2. Technology Partner

FINANCIAL STATEMENT OF BIDDER

12. Name of firm:
13. Capital
 - a) Authorised :
 - b) Issued and Paid up :
14. Attach audited balance sheet and profit And loss statements for the past 3 years :
15. Attach Income Tax Returns for the last three financial years.
16. Financial position (Exact amount in Rupees to be stated)
 - a) Cash :
 - b) Current assets :
 - c) Current liabilities :
 - d) Working capital :
 - e) Net worth :
17. Financial ratios:
 - a) Current ratio :Current assets to current liabilities
 - b) Acid test ratio : Cash, temporary investment held in lieu of cash and current revivable to current liabilities.
 - c) Total liabilities to new worth :

Note : Information asked against each item to be carefully filled in . Mere reference to balance sheet in reply to above point is not acceptable.

18. Annual turnover of the firm for each of the last Five years.

Year	Amount in Rs
2020-21	
2021-22	
2022-23	
2023-24	
2024-25	

19. Net profit before tax :

Year	Amount in Rs
2020-21	
2021-22	
2022-23	
2023-24	
2024-25	

20. Name and address of the Chartered Accountant firm who certifies the Annual financial statements.

21. Applicant's financial arrangements for the proposed Work (Exact amount in rupees to be mentioned) :

- a) Own Resources : Rs.
- b) Bank Credit : Rs.
- c) Others (Specify) : Rs.

22. Certificate of financial soundness from bankers of Applicants together with their full address in the following format.

BANK CERTIFICATE

This is to Certify that M/shaving its registered office at is a reputed firm / company with good financial standing. If the contract for the work, namely "Designing and Establishing Optical Fiber Network Backbone based Surveillance system in Thrissur Zoological Park" is awarded to the firm , we shall be able to provide overdraft/ credit facilities to meet their requirements to execute the above contract during the contract period subject to the availability of the limit.

Presently the company is enjoying the working capital facility of Rs Crores and Bank Guarantee limit of Rs.... Crores with us.

Facility	Limit Availed	Amount Utilized (Immediately date of uploading Tender)	Limit Available (Immediately date of uploading Tender)
Cash Credit			
Bank Guarantee			

This is to certify that this certificate is being issued at the
request of

.....
.....
.....,

Authorized Signatory
Name of Bank

Bank Seal
Place
Date

Schedule C

PERSONNEL

DETAILS OF PERSONNEL WITH THE BIDDER

1. Total Solution Provider

(Credentials of Technical Manpower including educational qualification, experience in the respective field to be given separately for each person)

Sl.No	Name	Designation	Qualification	Experience in Years	No of years of experience with the Bidder
Administrative Wing					
1		Head of the Firm			
2		Project Manager			
3		Finance Manger			
4		Personnel Manager			
Technical Wing					
1		Project manager			
2		Network Engineer			
3		CCTV System Designer			
4		CCTV Technician			
5		Electrician			
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

Schedule C

PERSONNEL

DETAILS OF PERSONNEL WITH THE BIDDER

2. Technology Partner

(Credentials of Technical Manpower including educational qualification, experience in the respective field to be given separately for each person)

Sl.No	Name	Designation	Qualification	Experience in Years	No of years of experience with the Bidder
Administrative Wing					
1		Head of the Firm			
2		Project Manager			
3		Finance Manger			
4		Personnel Manager			
Technical Wing					
1		Project manager			
2		Network Engineer			
3		CCTV System Designer			
4		CCTV Technician			
5		Electrician			
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

4. Affidavits/ Copies of work order should be provided, else bid is liable to rejected.
5. If necessary, separate sheet may be used to submit the information.

SCHEDULE -F
FORMS and DECLARATIONS

1. PRELIMINARY AGREEMENT FORMAT

PRELIMINARY AGREEMENT

(To be executed on stamp per Rs.200/-)

Preliminary Agreement entered into on this..... day of
..... Two thousand and..... between
The Conservator of Forests & Chief Executive Officer, Special Purpose Vehicle for Thrissur
Zoological Park Project for and on behalf of the Governor of Kerala (hereinafter called for the
Government) of the one part and
Sri.....
..... (here enter full name and address of the Bidder) hereinafter
called the Bidder of the other part for the execution of the agreement as well as for the execution
of the work

WHEREAS the Government invited tenders for the work of
.....
.....(here
enter name of the work) by Notification No..... Dated
.....in the

I/We undersigned hereby offer to construct the proposed work in strict accordance with the
contract/bid document for the consideration to be calculated in terms of the priced schedule of
quantities.

I/We undertake to complete the whole of the works as per the attached schedule from the date of
issue of intimation by you that our tender has been accepted and upon being permitted to enter site.
I/We further undertake that on failure, subject to the conditions of the contract relating to extension
of time, I/We shall pay agreed 'Liquidated Damages' for the period during which the work shall
remain incomplete.

I/We hereby deposit with you as Earnest money Rs.____ /- (Rupees_____) [carrying no
interest] by means of online payment in the e-GP web site of Kerala in favour of <tender inviting
authority> and I/We agree that this sum shall be forfeited in the event of the Employer accepting
my/our tender and I/We fail to take up the contract when called upon to do so as per clause 3.6.6
and 7 of ITB of the bid document.

I/We further agree for the deduction of 2.5% from the `Interim Payment/RA Bill' and up to a maximum of 2.5% of the contract value towards the 'Performance Security Deposit', which will be returned as per the relevant clauses in the agreement.

I/We will furnish the Performance Guarantee Bond as per the approved format, if our bid is accepted. Bid Security deposited shall be treated as security for the proper fulfilment of the same and shall execute an agreement for the work in the prescribed form. If I/We fails to do this or maintain a specified rate of progress (as specified in the Milestone details of Contract Data in the bid document), the performance guarantee(both treasury fixed deposit and irrevocable bank Guarantee) and Performance Security Deposit if any deducted from the RA Bills shall be forfeited to Government and fresh tenders shall be called for or the matter otherwise disposed off. If as a result of such measures due to the default of the Bidder to pay the requisite deposit, sign contract or take possession of the work any loss to Government due to the same will be recovered from me/us as arrears of revenue, but should it be a saving to Government. I/We shall have no claim whatever to the difference. Recoveries on this or any other account will be made from the sum that may be due to us on this or any or other subsisting contracts or under the Revenue Recovery act or otherwise the Government may decide.

I/We further agrees that, in the case of becoming the lowest Bidder in this tender and in the event of failure on part of me/us to produce any of the original documents, or submit the performance guarantee, or enter into agreement with the first part within the specified time limit, the first part may take appropriate action as provided in the bid document. Recoveries on this or any other account will be made from the sum that may be due to us on this or any or other subsisting contracts or under the Revenue Recovery act or otherwise the Government may decide.

NOW THEREFOR IN THE PRESENCE OF WITNESS it is mutually agreed as follows.

- 1) The terms and conditions for the said contract having been stipulated in the said tender document and forms to which the I/We have agreed and a copy of which is here to be appended which forms the part of this agreement, it is agreed that the terms and conditions stipulated therein shall bind the parties to this agreement except to the extent to which they are abrogated or altered by express terms and conditions herein agreed to and in which respect the express provisions herein shall supersede those of said tender form.
- 2) The I/We hereby agreed and undertake to perform and fulfill all the operations and obligations connected with the execution of the said contract work
.....
(hereinafter the name of the work) if awarded in favour of the me/us.)
- 3) If the Bidder does not come forward and to execute the original agreement after the said work is awarded and selection notice issued in his favour or commits breach of any of the conditions of the contract as stipulated in clause of the notice inviting tenders as quoted above, within the period stipulated then the Government mayrearrange the work otherwise or get it done departmentally at the risk and the cost of the Bidder and the loss so sustained by the Government can be realized from the

Bidder under the Revenue recovery Act as if arrears of land revenue as assessed quantified and fixed by an adjudicating authority consisting of the Secretary Forest, Principal Chief Conservator of Forests & Head of Forest Force or any other officer or officers authorized by Government in this behalf, taking into consideration the prevailing P.W.D rates and after giving due notice to the Bidder. The decision taken by such authority officer or officers shall be final and conclusive and shall be binding on the Bidder.

- 4) The Bidder further agrees that any amount found due to the Government under or by virtue of this agreement shall be recoverable from the Bidder from his Bid Security and his properties movable and immovable as arrears of Land Revenue under the provision of the Revenue Recovery Act for the time being in force or in any other manner as the Government may deem fit in this regard.
- 5) The Bidder further assures that it is clearly understood that the settlement of claims either by part bills or by final bills will be made only according to the availability of budget provision and allotment of funds made with the Divisional officer in charge of the work under the respective heads of account in which the work is sanctioned and arranged and also subject to the seniority of such bills. No claims for interest or for damages whatsoever shall be made for the related settlement of claims of bills.

IN WITNESS THERE OF SRIChief Conservator of Forests and Chief Executive Officer of the Special Purpose Vehicle for Thrissur Zoological Park for on behalf of the Governor of Kerala State and

.....

... the Bidder have set their hand on the day and year first above written

Signed by Sri.....(officer of the SPV for Thrissur Zoological Park Project)

In the presence of witnesses:

- 1.
- 2.

Signed and delivered by..... (Bidder) in the presence of

- 1.
- 2.

2. Format for Integrity Pact

(Certificate to be furnished by the Bidder with the tender document downloaded from e-GP Web-site)

CERTIFICATE

I/We..... undertake that the tender submitted by us is downloaded from e-GP Website (www.etenders.kereala.gov.in) and is same in content and form (verbatim), and any deviation, of detected, at any stage, would entitle the Employer to reject our bidding/ offer without assigning any reason or recourse to any penal action and would be legally binding on us.

Signature(of Bidder)

Seal.....

3. Format for Affidavit

AFFIDAVIT

(Non judicial stamp paper)

(

I/We,, Bidder/Partner/Legal Attorney/Accredited Representative of M/s.....solemnly declare that:

1. I/We are submitting Tender for the Work against Tender Notice No..... dated
2. None of the Partners of our firm is relative of employee of (Name of the Employer) who is involved with the arrangement and execution of this work.
3. All information furnished by us in respect of fulfilment of eligibility criteria and qualification information of this Tender is complete, correct and true.
4. All documents/credentials submitted along with this Tender are genuine, authentic, true and valid.
5. I/we undertake to deploy sufficient man power for execution of the work.
6. I/We hereby declare that I/We have perused in detail and examined closely the conditions of the tender and I/We agree to be bound by and comply with all such specifications and requirements.
7. If any information and document submitted is found to be false/incorrect at any time, department may cancel my/our Tender and action as deemed fit may be taken against us, including termination of contract, forfeiture of all dues including Earnest Money, revoking of Bank Guarantees and banning/delisting of our firm and all partners of the firm etc.

Signature of the Tenderer,

Seal of Notary

Dated

4.

Requisition for e-Payment

[To be attached with tender form as per G.O (P) No.06/2012/PWD dated 10/01/2012]

Certified that I am having a Savings / Current Account in <Name of Bank> at <Name of Branch> with IFSC Code _____

The Account Number is: _____

I wish to receive all payments in this account through NEFT and RTGS systems, as the case may be, for all payments relating to this work.

Name of Bidder

Place: _____

Date: _____

PART V

TECHNICAL PROPOSAL

1. The Technical Proposal should contain essentially the following parts .
 - 1.1. Optical Fiber cable covering the surveillance area for wired surveillance; the fiber should have sufficient band width for scaling up the activities.
 - 1.2. Towers for installing wireless access points wherever necessary.
 - 1.3. Surveillance cameras of PTZ type or other suitable type for covering 23 animal enclosures, 15 viewing shelters, 4 major junctions, about 20 security risk areas etc. as tentatively indicated in the attached map. The Agency is required to assess the requirement in consultation with the officials of Thrissur Zoological Park.
 - 1.4. All supporting software, controlling systems etc.
 - 1.5. Wi-fi connectivity in zoo compound for free wi-fi access to visitors
 - 1.6. Emergency response system including public address system and supporting services.
 - 1.7. Setting up of value added services including digital display boards, multi-media players event advertisements, digital signages etc.
 - 1.8. Revenue earning products like digital bill boards, both outdoor and indoor, animal live streaming portal etc and marketing of the same.
 - 1.9. Any other service ancillary to the above services.
2. The proposal should contain detailed BOQ format with proposed technical specifications and cost for analysing the investment part.
3. The bidder can prepare the technical proposal in the format as per convenience.

PART VI
BUSINESS PLAN FOR THREE YEARS

1. The Bidder is requested to prepare detailed business plan covering the income streams and expenditure streams and working profit for the evaluation of their financial bid
2. The analysis is to be done most professionally.
3. This Business plan will be the basis for the analysis of financial proposal.

PART V

Financial Bid

(To be filled in, put in separate cover , sealed and enclosed in the tender cover along with the cover of pre-qualification documents)

Name of Work: Designing and Establishing Optical Fiber Backbone based Surveillance System for Thrissur Zoological Park

Sl.No	Particulars of work	Quantity	Unit	Rate in Rs quoted by the Bidder without GST	Amount in Rs without GST
1	Percentage of Revenue from Value Added Services of the Surveillance System established in Thrissur Zoological Park offered by the Bidder				
1.1.	Year 1	LS	Percentage		
1.2	Year 2	LS	Percentage		
1.3	Year 3	LS	Percentage		
1.4	Year 4	LS	Percentage		
1.5	Year 5	LS	Percentage		
1.6	Year 6	LS	Percentage		
1.7	Year 7	LS	Percentage		

.Signature of the bidder

Name of the bidder

Date:

CCTV , PA , ETBS Layout



THRISSUR ZOOLOGICAL PARK

Wildlife Conservation & Research Centre, Puthur

DPR - STAGE 4:

ENGINEERING DRAWINGS

TENDER MODULE:

MASTER PLAN

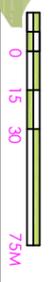
DRAWING TITLE:

LAYOUT PLAN (PHASE 1 & PHASE 2)

DRAWING NO.: DATE: REVISION:

DPR/S4/MP/01 20.06.2018

SCALE:



1:1,500 (A1), 1:3,000 (A3)

LEGEND:

- VISITOR PATH
- TRAM / SERVICE ROAD
- ANIMAL EXHIBIT
- MOAT
- VIEWING SHELTER
- KRAAL
- TRAM STATION
- COMFORT STATION
- EXISTING CONTOUR
- EXISTING ROCK
- EXISTING CANAL
- INDOOR BOX SPEAKER
- BULLET CAMERA
- ETBS + PA IN POLE - OUTDOOR
- OUTDOOR PA

CONSULTANTS:

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PROJECT BY:

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 GOVERNMENT OF KERALA
 FOREST HEADQUARTERS, VAZHUTHACAUD,
 THIRUVANANTHAPURAM - 695014
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