COMMERCE & TRANSPORT DEPARTMENT

GOVERNMENT OF ODISHA

ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) TENDER DOCUMENT FOR ESTABLISHMENT OF INSTITUTE OF DRIVING TRAINING AND RESEARCH (IDTR) AT KORAPUT, ODISHA

Particular	Project Data
Tender No.	**18837/TC** Dated:- **27/10/2026**
Estimated Project Cost	~ ₹ 15 Crore
Contract Mode	EPC
Completion	24 Months, subject to final Contract Data
EMD	**Rs. 30,00,000/-**
Tender Fee	**Rs. 11,800/- including GST.**
Bid Validity	180 Days
Defect Liability Period	24 Months / as finally approved

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RFP SCHEDULE

Name of Work		**Engineering, Procurement and Construction (EPC) Tender for Establishment of Institute of Driving Training and Research at Koraput, Odisha**
Schedule	Website for Downloading of RFP Documents	RFP is available and downloadable on **http://odishatransport.gov.in/ and https://enivida.odisha.gov.in/** All Subsequent changes to the Bidding document shall be published on the above-mentioned website.
	Downloading of RFP Documents	27/10/2026 onwards
	Pre-Bid Queries to be sent at	Bidders shall have to post their queries on as per the format (in excel) prescribed in the RFP. addl.comm.tech@gmail.com on or before **04/11/2026 by 1600 hrs.**
	Pre-Bid Meeting Date, Time & Venue	**On 06/11/2026 at 1600 hrs.** **Note: (The Pre-bid Meeting shall be conducted in virtual mode. The virtual conferencing (VC) link will be shared with prospective bidders who have submitted queries related to this RFP)** Venue: Conference Hall, Office of the Transport Commissioner 7th Floor, Rajaswa Bhawan, P.O- Chandini Chowk, Kataka, Pin: 753002 Odisha.
	Due Date of Online Submission of Bid Documents	Bids shall be submitted on or before 13/11/2026 by 1600 hrs.
	Physical Submission of Technical Bid Documents	On 16/11/2026 by 1200 hrs. At Office of the Transport Commissioner, 6th Floor, Rajaswa Bhawan, Chandini Chowk, Kataka, Odisha 753002 (No physical financial bid shall be submitted to the department only technical bid shall be submitted by the bidders)
	Technical Bid Opening Date, Time & Venue	On 16/11/2026 at 1600 hrs. At Conference Hall Office of the Transport Commissioner 7th Floor, Rajaswa Bhawan, P.O- Chandini Chowk, Kataka, Pin: 753002 Odisha.0671-2507042,
	Commercial bid Opening Date, Time & Venue	Date, Time & Venue shall be intimated separately to the shortlisted bidders.

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	Bid Validity period	180 days from the date of Due Date of Submission
RFP Fee	RFP Fee	• Non-refundable INR 10,000 /- (Rupees Ten thousand only) plus GST towards processing fee i.e. **Rs.11,800/- (Including GST@18%)** and shall be paid by way of a demand draft in favour of **"Transport Commissioner, Odisha"** payable at Kataka, issued by any Nationalized bank or Scheduled Commercial Bank in India. • (The e-Nivida Portal is showing an option of paying this fee in BG form. Bidder shall select this option and enter DD details instead of BG details and submit the DD in Original along with the original Hard copy of technical bid.)
EMD	Earnest Money Deposit	• **Rs. 30,00,000/-** (Rupees Thirty Lakhs Only) by way of a Bank guarantee or demand draft in favour of **"Transport Commissioner, Odisha"** payable at Kataka, issued by any Nationalized bank or Scheduled Commercial Bank in India. • If the EMD is submitted through a bank guarantee, it must be in the format set out in Form-Q and the minimum validity date of the bank guarantee should be 180 (one hundred eighty) days from the Proposal Due Date. In the event of any extension in the Proposal's validity, the EMD will also remain valid for such an extended period. • (The e-Nivida Portal is showing an option of paying this fee in BG form. Bidder shall select this option and enter DD details instead of BG details and submit the DD in Original along with the original Hard copy of technical bid.)
PSD	Performance Security Deposit	In the form of Bank Guarantee as detailed in Form-Q for the following amount: **5% of the Project Cost**
Special Condition for RFP Fee and EMD (Bid Security)		Bidder shall upload scanned copy of receipt for RFP Fee and EMD along with technical and commercial bids online at Website for Downloading of RFP Documents as mentioned above.
E-tender portal conditions		As mentioned on e-tendering portal

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Tender Disclaimer

The information contained in this Request for Proposal document (the “RFP”) or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Transport Commissioner, Odisha, hereinafter called “Authority” or any of its employees is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Transport Commissioner, Odisha to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in making their technical and financial offers pursuant to this RFP (the "Bid"). This RFP includes statements, which reflect various assumptions and assessments arrived at by the Transport Commissioner, Odisha in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Transport Commissioner, Odisha or its employees to consider the technical capabilities, investment objectives, financial situation and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Bidder(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. Transport Commissioner, Odisha accepts no responsibility for the accuracy or otherwise of any interpretation or opinion on law expressed herein.

Transport Commissioner, Odisha or its employees make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Bid Stage.

Transport Commissioner, Odisha also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this RFP.

Transport Commissioner, Odisha may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

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The issue of this RFP does not imply that Transport Commissioner, Odisha is bound to select a Bidder or to appoint the selected Bidder or Operator, as the case may be, for the Project and Transport Commissioner, Odisha reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

Transport Commissioner, Odisha reserves all the rights to cancel, terminate, change or modify this procurement process and/or requirements of bidding stated in the RFP, at any time without assigning any reason or providing any notice and without accepting any liability for the same.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by Transport Commissioner, Odisha or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and Transport Commissioner, Odisha shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

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SECTION 1: INTRODUCTION

1.1. Background

The State Transport Authority, Government of Odisha (hereafter referred as “Authority”) is entrusted with the responsibility of providing an efficient transportation system, control of vehicular pollution, registration of vehicles, issuance of Driving licenses, issuance of various permits, collection of road taxes under the Odisha Motor Vehicles Taxation Act 1975 and Odisha Motor Vehicles Rules, 1976. The Authority also entrusted in policy-making, co-ordination, implementation, monitoring and regulatory functions of all the Transport related aspects of Odisha. The Authority basically is responsible for enforcing the following:

- The Motor Vehicles Act, 1988
- Motor Vehicles (Amendment) Act 2019
- Central Motor Vehicles Rules 1989
- Central Motor Vehicles (First Amendment) Rules, 2020
- Odisha Motor Vehicles Taxation Act, 1975
- Odisha Motor Vehicles Taxation Rules, 1976

The Authority is regulated by the Government of Odisha in terms of policy formulation and its implementation. The Authority is administered by the State Transport Commissioner cum Chairman, STA who is the Head of the State Transport Authority. Their vision is to provide and facilitate transport-related services to the people with a thrust on speed, safety, environment-friendliness and fuel-efficiency in a transparent and citizen-friendly fashion, thus accelerating growth and development and thereby furthering the interests of the State and Nation.

The Authority invites online bids under the Single-Stage Two-Envelope (Technical & Financial) system from eligible, experienced and financially sound EPC Contractors to be executed under the MoRTH Scheme for setting up of Institutes of Driving Training & Research (IDTR).



Figure 1 – EPC delivery

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The Authority invites e-tenders from eligible contractors for Engineering, Procurement and Construction of the Institute of Driving Training and Research at **Koraput**, Odisha, including design, approvals, procurement, construction, testing, commissioning, handover and defect-liability obligations.

Item	Provision
Name of Work	EPC of IDTR at Koraput
Site/Location	Kaliaguda Mouza, Boriguma PS, Koraput **Lat: 19.148672° N, Long: 82.555921° E**
Land	**14.20 Acres**
Timeline for Completion/Contract Period	**24 Months**
EMD	**Rs. 30,00,000/-**
Tender Fee	**Rs. 11,800/- including GST.**
Bid Validity	**180 Days**
Submission	**Online e-procurement portal/e-Nivida Portal**
Evaluation	**QCBS – Technical 70% + Financial 30%**
DLP	**24 Months / as finally approved**
Performance Security/PBG	**5% of the contract value**
Language	Proposals should be submitted in English only.

1.2. INSTRUCTION TO BIDDERS

This section specifies the procedures to be followed by Bidders in the preparation and submission of their Bids. Information is also provided on the submission, opening and evaluation of bids and on the award of contracts. It is important that the Bidders carefully read and examine the RFP document.

1.3. General

1. Transport Commissioner, Odisha invites proposals (“Bids”) to **this Request for Proposal (“RFP”) for ESTABLISHMENT OF INSTITUTE OF DRIVING TRAINING AND RESEARCH (IDTR) AT KORAPUT, ODISHA** for Office of the Transport Commissioner, Odisha” as described in the Scope of work of this RFP.
2. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, bidders must form their own conclusions about the solution needed to meet the requirements. Bidders and recipients of this RFP may wish to consult their own legal advisers in relation to this RFP.
3. All information supplied by the successful bidder may be treated as contractually binding on the bidder, after successful award of the assignment is made based on this RFP.

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4. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by or on behalf of Transport Commissioner, Odisha.
5. Transport Commissioner, Odisha may cancel this RFP at any time prior to a formal written agreement being executed between parties.
6. Proposals must be received not later than time, date and venue mentioned in the Proposal Data Sheet. Proposals that are received late shall not be considered in this tender process.
7. Neither the bidder nor any of bidder's representatives shall have any claims whatsoever against Transport Commissioner, Odisha or any officials or employees arising out of or relating to this RFP or these procedures (other than those arising under a definitive service agreement with the bidder in accordance with the terms thereof).
8. All proposals and accompanying documentation of the technical proposal shall become the property of Transport Commissioner, Odisha and shall not be returned after opening of the technical proposals.
9. The Bidder shall commit to take all measures, necessary to prevent corrupt practices, unfair means, and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it.
10. The Bidders shall download the RFP document from the website as mentioned in the Proposal Data Sheet.
11. The Bidders shall pay RFP document fee as prescribed in data sheet.
12. The downloading of the RFP documents shall be carried out strictly as provided.
13. The RFP document fee is non-refundable and not exempted.

1.4. Completeness of Response

1. The bidders are advised to study all instructions, forms, terms, requirements, and other information in the RFP documents carefully. The submission of bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
2. The response to this RFP should be full and complete in all respects. Failure to furnish all information required in the RFP document or submission of a Bid not substantially responsive to the RFP document in every respect will be at the bidder's risk and may result in rejection of its Bid and forfeiture of the bid EMD.

1.5. Proposal Preparation Cost

1. The bidder shall be responsible for all costs incurred in connection with participation in the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of Bid, in providing any additional information required by Office of the Transport Commissioner, Odisha to facilitate the evaluation process, and all other related activities

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of the Bid process. The Authority shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

2. All materials submitted by the bidder shall be the absolute property of Authority and no copyright etc. shall be entertained by Authority.

1.6. Amendment of RFP Document

1. All the Corrigendum / Addendum made in the document would be published on the web portal and shall be part of RFP.
2. The Bidders are advised to visit the portal on regular basis to check for necessary updates. Authority also reserves the right to amend the RFP at any point of time during the bid process.

1.7. Bid Document Fee

The bidders are requested to pay the Bid Document Fee as defined in this RFP. The RFP document can be downloaded from the portal (http://odishatransport.gov.in/ and https://enivida.odisha.gov.in/) on registration. Bids that are not accompanied by the RFP Price or accompanied with inadequate RFP Price, shall be considered non-responsive and will be rejected.

1.8. Contacting the Transport Commissioner, Odisha

1. No Bidders/any of the consortium member shall contact the Transport Commissioner, Odisha on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
2. If a Bidder/any of the consortium member tries to directly influence the Authority or otherwise interfere in the bid submission and evaluation process and the Contract award decision, its bid may be rejected.

1.9. Right to Terminate the Bid Process

1. Transport Commissioner, Odisha may terminate the RFP process at any time and without assigning any reason. Transport Commissioner, Odisha makes no commitments, express or implied, that this process will result in a business transaction with anyone.
2. This RFP does not constitute an offer by Transport Commissioner, Odisha

1.10. Bid Rejection Criteria

Besides other conditions and terms highlighted in the RFP document, bids may be rejected under following circumstances:

1. Bids not qualifying under eligibility criteria.
2. Bids submitted without EMD or RFP/Tender fees.
3. Bids submitted through any other mode like email, fax etc. will not be considered.

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4. Bids received through any platform other than prescribed platform as mentioned in the RFP.
5. Bids which do not confirm to the unconditional validity of the bid as prescribed in the RFP.
6. If the information provided by the Bidders is found to be incorrect / misleading at any stage / time during the Tendering Process.
7. Any effort on the part of a Bidders to influence the Authority' s bid evaluation, bid comparison or contract award decisions.
8. Bids received by the Transport Commissioner, Odisha after the last date and time for receipt of bids prescribed in the data sheet.
9. Bids without signature of person (s) duly authorized on the bid.
10. Bids without power of attorney and any other document consisting of adequate proof of the ability of the signatory to bind the Bidders.
11. Technical Bid containing commercial details or any such hints/ calculations /extrapolations/ records.
12. Revelation of Prices in any form or by any reason before opening the Commercial Bid
13. Failure to furnish all information required by the RFP Document or submission of a bid not substantially responsive to the RFP Document in every respect.
14. Bidders not quoting for the complete scope of Work as indicated in the RFP documents, addendum (if any) and any subsequent information given to the Bidders.
15. Bidders not complying with the General Terms and conditions as stated in the RFP Documents.
16. The Bidders not confirming unconditional acceptance of full responsibility of providing services in accordance with the Scope of work, General Terms & Conditions and Service Level Agreements of this RFP.
17. If it is found that bidders have tendered separately under different names for the same contract, all such RFP(s) shall stand rejected and RFP deposit of each such firm/ establishment shall be forfeited. In addition, such firms/ establishments shall be liable at the discretion of the Transport Commissioner, Odisha for further penal action including blacklisting.
18. If after awarding the contract, it is found that the accepted bid violated any of the directions pertaining to the participation, the contract shall be liable for cancellation at any time during its validity in addition to penal action including blacklisting against the bidders.
    a) Price Bids that do not conform to the RFP's price bid format.
    b) The total price quoted by the Bidders does not include all statutory taxes and levies applicable.

1.11. CLARIFICATIONS TO BIDDER'S PRE-BID QUERIES

1. Pre-bid meeting on scheduled date and time will be held with the prospective Bidders for any clarifications regarding this RFB.
2. The Bidders may submit their Pre-bid queries, if any, only email to: addl.comm.tech@gmail.com before the date and time prescribed in this RFB
3. The queries must be sent in the following format in excel file: Queries in other formats except **MS- Excel file** will not be accepted or entertained.

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Company/Bidder Name: M/s…….					
Sl. No	**Page No. of the RFB**	**Relevant Section/ Form/Annexure of RFB**	**Relevant Content from RFB**	**Bidder's Query/Comment**	**Justification by the Bidder**
1					
2					
3					

1.12. Instruction to Bidders for Online Bid Submission

e-Nivida is a complete process of e-Tendering, from publishing of RFPs/tenders online, inviting online bids, evaluation and award of contract using the system. The instructions given below are meant to assist the bidders in registering on e-Nivida Portal and submitting their bid online on the portal.

More information useful for submitting online bids on the e-Nivida Portal may be obtained at: https://enivida.odisha.gov.in

1.13. Guidelines for Registration

- Bidders are required to enrol themselves on the eNivida Portal https://enivida.odisha.gov.in or click on the link "Bidder Enrolment" available on the home page by paying Registration Fees of Rs.2,500/- + Applicable GST.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify/ TCS / nCode/ eMudhra etc.), with their profile.
- Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.
- The scanned copies of all original documents should be uploaded in pdf format on e-tender portal.
- After completion of registration payment, bidders need to send their acknowledgement copy on help desk mail id odishaenivida@gmail.com for activation of the account.

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1.14. Searching for Tender Documents

- There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.
- Once the bidders have selected the tenders they are interested in, then they can pay the Tender fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

1.15. Preparation of Proposals

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the bid data sheet and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colour option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
- These documents may be directly submitted from the "My Documents" area while submitting a bid and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process. Already uploaded documents in this section will be displayed. Click "New" to upload new documents.

1.16. Submission of Bid Proposals

- Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder shall digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions as mentioned in the tender document.
- Bidder shall select the payment option as per the tender document to pay the tender fee / Tender Processing fee as applicable and enter details of the instrument.
- In case of BG bidder should prepare the BG as per the instructions specified in the tender document. The BG in original should be posted/couriered/given in person to the concerned official before the Online Opening of Financial Bid. In case of non-receipt of BG amount in original by the said time, the uploaded bid will be summarily rejected.

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- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the yellow Coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- The uploaded bid documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
- The tender summary shall be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

1.17. Clarifications on using e-Nivida Portal

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the bid data sheet.

Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

Please feel free to contact e-Nivida Helpdesk (as given below) for any query related to e-tendering.

Phone No.: 011-49606060, 9355030604, 9355030613

Mail id: odishaenivida@gmail.com

1.18. Right to Terminate Bid Process

1. Transport Commissioner, Odisha may terminate the RFP process at any time and without assigning any reason. Transport Commissioner, Odisha makes no commitments, express or implied, that this process will result in a business transaction with anyone.
2. This RFP does not constitute an offer by Transport Commissioner, Odisha. The bidder's participation in this process may result in Transport Commissioner, Odisha selecting the bidders to engage towards execution of the contract.

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1.19. Site Visits by Bidder

The Bidder at its own cost must visit and examine the proposed location during any working hour on any working day before submission of the bid. Prior intimation in this regard may be shared through email. The bidder shall submit an under taking in the regard. Site survey and preliminary layouts submitted with bid are indicative only and shall not constitute approved designs.

1.20. Scope of Work

- The Contractor shall undertake the complete Engineering, Procurement and Construction (EPC) of the Institute of Driving Training and Research (IDTR).
- The scope shall include all activities necessary for establishing a fully functional, safe, sustainable and operational IDTR, commencing from site investigation and design and extending up to construction, installation, testing, commissioning, training of operating personnel, handover and completion of the Defect Liability Period.
- The Contractor shall be responsible for coordinating all architectural, civil, structural, electrical, mechanical, plumbing, fire-fighting, ICT, training infrastructure, driving-track and other specialist works required for completion of the project. The Contractor shall also obtain or facilitate all approvals, NOCs, inspections and statutory clearances falling within its scope.
- The broad scope shall comprise, but not be limited to, the following:

1.21. Design and Engineering

- The Contractor shall undertake complete design and engineering of the IDTR campus, based on the Authorities Requirements, applicable MoRTH Scheme Guidelines, relevant IS Codes, NBC provisions, IRC requirements and other applicable statutory requirements.
- The scope shall include:

A. Site Investigation and Surveys

- Detailed topographical survey of the entire project site.
- Establishment of site benchmarks, coordinates, contours and existing levels.
- Geotechnical / sub-soil investigation for determination of soil characteristics and foundation requirements.
- Identification and mapping of existing utilities, roads, drains, electrical lines, water lines and other infrastructure.
- Assessment of site access, drainage pattern, existing vegetation and other physical constraints.
- Preparation of a detailed site inventory and site-development report.
- The reference tender specifically requires topographical survey, soil investigation, site assessment, site inventory and preparation of the necessary design inputs before execution.

B. Master Planning

- The Contractor shall prepare the overall IDTR Campus Master Plan, including zoning and functional relationships between:

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- Administrative facilities
- Academic / training facilities
- Driving laboratory
- Simulator facilities
- Workshop
- Hostel and dining facilities
- Driving training range
- Driving testing facilities, where included
- Vehicle parking and training vehicle yard
- Internal roads
- Utilities and services
- STP and water infrastructure
- Electrical substation / transformer yard
- DG and utility rooms
- Landscaping and open spaces
- Security and entrance facilities

- Alternative layouts shall be prepared wherever required and the final layout shall be developed in consultation with the Authority / CIRT / Authority's Engineer. The reference CIRT tender specifically provides for consolidation of requirements, preparation of alternative layouts and finalisation of the campus layout.

C. Detailed Engineering

- The Contractor shall prepare & submit:
  - Architectural designs and drawings
  - Structural designs and calculations
  - Foundation designs
  - Civil engineering drawings
  - MEP designs
  - Electrical designs
  - Plumbing and sanitary designs
  - Fire-fighting and fire-alarm designs
  - HVAC / ventilation designs
  - Water-supply and drainage designs
  - STP designs
  - Storm-water drainage designs
  - Rainwater-harvesting design
  - Landscape design
  - Internal road and pavement design
  - Driving-track geometric design
  - Training-track pavement design
  - ICT and networking design
  - CCTV and security-system design
  - Simulator-room design
  - Control-room design

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- Equipment layouts

D. GFC Drawings and Design Approval

- The Contractor shall prepare and submit complete Good-for-Construction (GFC) drawings, design calculations, technical specifications, schedules and shop drawings for approval before commencement of the respective works.
- No permanent work shall be executed without approved drawings where such approval is prescribed.
- The Contractor shall remain responsible for the adequacy, coordination and constructability of its design even after review / approval by the Authority or its Engineer.

E. Statutory Approvals

- The Contractor shall obtain / facilitate, as applicable:
  - Building plan approval
  - Fire recommendation & NOC
  - Electrical Inspectorate approval
  - Pollution Control Board approvals
  - Consent to Establish / Consent to Operate, where applicable
  - Factory Inspector approval, where applicable
  - Utility / electricity connection approvals
  - Water / sewerage permissions where applicable
  - Completion Certificate from State PMU
  - Other statutory approvals required for commissioning and operation
- The reference tender specifically assigns responsibility for coordination / obtaining applicable pollution-control, fire and factory approvals and other statutory approvals.

1.22. Site Development and Civil & Structural Works

- The Contractor shall execute the complete site development and construction of all buildings and associated civil infrastructure required for a functional IDTR.

A. Site Development

- The scope shall include:
  - Site clearance and preparation
  - Earthwork and grading
  - Cutting and filling
  - Level development
  - Boundary wall / fencing
  - Main entrance gate
  - Security cabin
  - Internal roads
  - Pedestrian pathways
  - Parking areas
  - Vehicle circulation

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- Vehicle yard / training vehicle parking
- Storm-water drainage
- Culverts
- Retaining walls, wherever required
- External paving
- Landscaping
- Horticulture
- Road furniture and campus signage

- The reference documents specifically include boundary works, internal roads, storm-water drainage, rainwater harvesting, parking, vehicle yards, landscaping and campus signage.

B. Administrative / Training Building

- The Administrative / Training Building shall generally accommodate:
  - Reception
  - Administrative offices
  - Staff rooms
  - Conference / meeting room
  - Training halls
  - Classrooms
  - Testing / physical-vision assessment room
  - Record room
  - Store
  - Library
  - Driving laboratory
  - Simulator room
  - Computer / IT facilities
  - Toilets and washrooms
  - Other support facilities
- The reference IDTR design provides for five classrooms, office/staff rooms, a vision/physical test room, store, driving laboratory, simulator room and library.

C. Workshop-cum-Laboratory

- The Contractor shall construct and equip the workshop facility for practical training and maintenance of training vehicles.
- The facility shall include, as applicable:
  - Vehicle maintenance bays
  - Inspection pit
  - Washing ramp
  - Vehicle parking bays
  - Workshop store
  - Engine / chassis training area
  - Cut-section model display area
  - Tool storage
  - Electrical and mechanical service provisions

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- Adequate ventilation and lighting
- Fire and safety provisions

- The reference design indicates a workshop of approximately 40 m × 12 m, with store, parking bays, washing ramp and inspection pit.

D. Hostel and Canteen

- Where included in the approved DPR, the Contractor shall construct:
  - Trainee hostel
  - Staff / instructor accommodation
  - Dormitories
  - Individual rooms
  - Common toilets
  - Recreation / TV hall
  - Dining hall
  - Kitchen
  - Canteen
  - Food storage
  - Washing / service areas
  - Associated water, sewerage and electrical services
- The reference IDTR concept provides hostel accommodation for approximately **250 trainees**, with dormitories, rooms, furniture, common toilet facilities and recreation space, along with a separate canteen and kitchen.

1.23. Driving Range and Manoeuvre Tracks

- The Contractor shall design and construct the complete Driving Training Range for systematic practical driver training for the categories of vehicles covered under the approved IDTR requirements.
- The driving range shall provide a controlled environment for trainees to practise basic driving skills, vehicle control, parking, manoeuvring, gradient driving and difficult driving situations before entering public roads.
- The scope shall include, as applicable:

A. Basic Driving Track

- Straight driving track
- Starting and stopping area
- Gear-changing practice
- Steering control
- Passing and overtaking
- Speed control
- Emergency stopping
- Following distance
- Brake-failure response practice

B. Parking Facilities

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- Parking manoeuvres shall include:
  - Parallel parking
  - Perpendicular parking
  - Angular parking
- The reference tender identifies these three parking manoeuvres and gives corresponding dimensional requirements.

C. Special Manoeuvre Tracks

- The driving range shall include, as applicable:
  - Hump road
  - Dip / causeway road
  - Three-point turn
  - Five-point turn
  - S-shaped / serpentine track
  - Figure-of-eight track
  - Reversing track / reversing box
  - H-track
  - Gradient track
  - Hill track
  - Hairpin bend
  - Lane-changing track
  - Junction / lane-discipline training area
  - Pothole track
  - Water-slush track
  - Other manoeuvres specified by the Authority / applicable requirements
- The reference documents specifically identify straight, parking, hump, dip, 3/5-point turn, S-shaped bend, 8-shaped bend, reversing box, 4/6-lane roads, speed track, hill track and gradient tracks.

D. Track Infrastructure

- The Contractor shall also provide:
  - Track pavement
  - Shoulders
  - Kerbs where required
  - Drainage
  - Cross-drainage
  - Road markings
  - Traffic signs
  - Delineators
  - Safety barriers
  - Lighting where required
  - Training signage
  - Reflective road furniture
  - Emergency access

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- Control / observation facilities

- All track geometry shall be developed considering the dimensions of the training vehicles and the approved track-layout requirements. The reference material identifies a 3.75 m lane width and other vehicle-clearance parameters.

1.24. MEP, Fire, Water, Sewerage, STP, Electrical and ICT Infrastructure

- The Contractor shall provide a complete and integrated MEP and utility infrastructure system capable of supporting the entire IDTR campus.

A. Electrical System

- The scope shall include:
  - HT/LT electrical infrastructure, as applicable
  - Transformer / substation
  - LT panels
  - Distribution boards
  - Internal wiring
  - External electrification
  - Campus / street lighting
  - Earthing
  - Lightning protection
  - DG backup (25 Kva or above)
  - UPS systems
  - Emergency power
  - Power supply to simulators and IT systems
  - Electrical supply for workshop and training facilities
  - Energy monitoring, where specified
  - Provision for Solar panels with the compliance standards and maintenance

B. Water Supply

- The Contractor shall provide:
  - Water-source connection
  - Water storage
  - Underground / overhead tanks
  - Water treatment / filtration
  - Pumping system
  - Internal water distribution
  - Drinking-water facilities
  - Hot-water provisions where required
  - Water supply to hostel, canteen, workshop and landscaping
  - Rainwater harvesting system

D. Storm-Water Drainage

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- The Contractor shall design and construct:
  - Surface drains
  - Roadside drains
  - Catch pits
  - Culverts
  - Cross-drainage structures
  - Rainwater harvesting
  - Recharge / collection arrangements
  - Outfall arrangements
- The system shall be designed considering the site levels and local rainfall conditions so as to prevent waterlogging of buildings, roads and driving tracks.

E. Fire-Fighting and Life Safety

- The scope shall include:
  - Fire-water storage
  - Fire pumps
  - Hydrant system
  - Hose reels
  - Fire extinguishers
  - Fire alarm system
  - Smoke detection
  - Emergency lighting
  - Fire signage
  - Fire-control panel
  - Emergency exits
  - Fire-safety provisions for workshop, hostel, kitchen and electrical rooms
- The Contractor shall obtain the applicable Fire NOC / approval.

F. HVAC and Ventilation

- HVAC / ventilation shall be provided for spaces requiring controlled environmental conditions, including:
  - Computer laboratories
  - Server room
  - Simulator room
  - Control room
  - IT rooms
  - Other critical equipment rooms

G. ICT and Communication

- The ICT infrastructure shall include, as applicable:
  - Structured LAN cabling
  - Server room
  - Network racks
  - Wi-Fi backbone

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- Internet connectivity infrastructure
- CCTV surveillance
- Access control
- Biometric attendance
- Public Address System
- Telephone / communication system
- Data storage
- Training-data management
- Security systems

- The reference EPC tender expressly includes CCTV, public address, structured cabling, IT networking and Wi-Fi infrastructure.

1.25. Furniture, Simulators and Training Equipment

- The Contractor shall procure, supply, install and commission all furniture, fixtures, training equipment and systems specifically included in the approved DPR / BOQ.

A. Driving Simulators

- Where included, the Contractor shall provide:
  - LMV driving simulator
  - HMV driving simulator
  - Instructor workstation
  - Training software
  - Scenario-based driving modules
  - Display / projection system
  - Data recording and assessment facilities
  - UPS / backup power
  - User training
  - OEM warranty and support
- The reference tender specifically identifies LMV and HMV simulators.

B. Workshop Training Equipment

- The workshop shall include, as applicable:
  - Engine cut-section models
  - Chassis models
  - Vehicle-system training aids
  - Demonstration equipment
  - Workshop tools
  - Vehicle maintenance equipment
  - Safety equipment

C. Furniture

- Furniture shall be provided for:
  - Classrooms
  - Smart classrooms

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- Offices
- Library
- Simulator room
- Training rooms
- Hostel
- Dining hall
- Canteen
- Control room
- Workshop office / store

D. Smart Classroom / IT Equipment

- Where specified:
  - Computers
  - Projectors / displays
  - Interactive teaching systems
  - Audio systems
  - Networking
  - Biometric attendance
  - Training-data server
  - Storage and backup systems

1.26. Testing, Commissioning, Training and Handover

- The Contractor shall not merely complete construction; it shall deliver a fully operational and tested IDTR.

A. Testing

- Testing shall cover:
  - Civil works
  - Structural works
  - Building services
  - Electrical installations
  - Plumbing
  - Water supply
  - Fire-fighting
  - HVAC
  - ICT
  - CCTV
  - Simulators
  - Driving tracks
  - Training equipment
  - Other installed systems
- Third-party / NABL-accredited testing shall be undertaken where specified by the Authority's Engineer.

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- The Report will be assessed by the Committee comprises of Authority / CIRT / Third Party Engineer (Govt. Body). formed for the Project.

B. Commissioning

- The Contractor shall:
  - Conduct individual equipment testing.
  - Conduct subsystem testing.
  - Conduct integrated system testing.
  - Verify electrical and MEP performance.
  - Test all safety systems.
  - Conduct trial operation.
  - Rectify defects / snags.
  - Demonstrate performance to the Authority / CIRT / Authority's Engineer.

C. Training of Operating Personnel

- Before handover, the Contractor shall train the Authority's nominated personnel in:
  - Operation of simulators
  - Operation of IT systems
  - CCTV and security systems
  - Electrical systems
  - Fire-fighting systems
  - Water-treatment systems
  - Workshop equipment
  - Routine maintenance
  - Preventive maintenance
  - Troubleshooting
  - System shutdown and emergency procedures

D. Documentation

- The Contractor shall submit:
  - As-built drawings comprises of the Drawings for the Automation of the Tracks as well as layout plan provided the Authority
  - Architectural drawings
  - Structural drawings
  - Electrical drawings
  - MEP drawings
  - Track drawings
  - Equipment layouts
  - Operation & Maintenance manuals
  - Equipment manuals
  - Warranty certificates
  - Test certificates
  - Calibration certificates
  - Asset register

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- Spare-parts list
- Statutory approvals
- Completion documentation

- The reference tender specifically requires submission of as-built drawings, O&M manuals, warranty/guarantee documents and training of operating staff.

E. Completion and Handover

- The Contractor shall:
  - Complete all works.
  - Complete testing and commissioning.
  - Rectify all outstanding defects.
  - Complete statutory inspections.
  - Obtain Completion / Occupancy Certificate, wherever applicable.
  - Submit the complete handover dossier.
  - Train the Authority's personnel.
  - Hand over keys, equipment, systems and documentation.
  - Obtain the Provisional Completion Certificate (PCC) / Completion Certificate.
  - Remain responsible for defects during the 12-month Defect Liability Period as specified in the Contract.

1.27. Tendering system

- The tender shall be invited through the Single-Stage Two-Envelope e-Tendering System, comprising:
  - Envelope A – Technical Bid
  - Envelope B – Financial Bid
- Both the Technical Bid and Financial Bid shall be submitted online through the designated e-Procurement Portal within the prescribed date and time.
- The Technical Bid shall be opened and evaluated first. The Financial Bids of only those bidders who are found technically qualified in accordance with the eligibility, qualification, technical and commercial requirements of this Tender Document shall subsequently be opened.
- After opening of the Technical Bids submitted through the e-Procurement Portal, the Authority shall receive and verify the hard copies of the documents submitted by the bidders, wherever required under the Tender Document.
- The hard-copy documents shall be received within the period and at the address specified in the NIT. The hard copies shall be used for verification and record purposes and shall not alter or replace the documents submitted electronically through the e-Procurement Portal.
- The Financial Bid of a bidder who fails to meet the mandatory requirements of the Technical Bid shall not be opened and shall remain electronically sealed / inaccessible through the e-Procurement system.
- The reference EPC tender similarly provides that the Technical Bid is opened first and the Financial Bid is subsequently opened only for technically qualified bidders.

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SECTION 2 – ELIGIBILITY, QUALIFICATION AND EVALUATION

2.1. ELIGIBILITY / QUALIFICATION REQUIREMENTS

a) Valid contractor registration/classification as required by the applicable Odisha Government procurement framework.
b) Minimum financial capacity and turnover as prescribed in the final NIT.
c) Minimum qualifying similar completed works as prescribed in the final NIT.
d) Valid EPF and ESI registration/compliance wherever applicable.
e) Valid PAN, GST and other statutory registrations.
f) No applicable debarment/blacklisting declaration.
g) Availability of required key technical personnel.
h) Valid MOU/Agreement with the proposed design consultant and commitment of the lead architect/design team.
i) Valid MOU with a second party having valid H.T. / L.T. license registration.
j) Submission of all documentary evidence required under the Technical Bid.

2.2. Pre-qualification Criteria

Sl. No.	Basic Requirement	Specific Requirement	Documents required
PQ1	Cost of Tender paper	An amount of Rs. **11,800/-** towards cost of tender paper should be deposited online as per instruction in the portal.	By way of a demand draft in favour of **"Transport Commissioner, Odisha"** payable at Kataka, issued by any Nationalized bank or Scheduled Commercial Bank in India.
PQ2	EMD	An amount of **Rs 30,00,000/-** towards EMD should be deposited online as per instruction in the portal.	By way of Bank Guarantee or a demand draft in favour of **"Transport Commissioner, Odisha"** payable at Kataka, issued by any Nationalized bank or Scheduled Commercial Bank in India. If the EMD is submitted through a bank guarantee, it must be in the format set out in **Form-Q** and the minimum validity date of the bank guarantee should be 180 (one hundred eighty) days from the Proposal Due Date. In the event of any extension in the Proposal's validity, the EMD will also remain valid for such an extended period.

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Sl. No.	Basic Requirement	Specific Requirement	Documents required
PQ3	Legal Entity	**The Bidder should be:** The Bidder shall be an entity legally established and operational in India for a minimum period of **five (5) years** as on the date of submission of the bid. The Bidder may be a **Company registered under the Companies Act, 1956/2013 (as amended from time to time), Limited Liability Partnership (LLP), Partnership Firm, Proprietorship Firm, or Individual/Proprietor**, as applicable under the laws of India. The period of operation shall also include continuity arising from any **change of name, merger, amalgamation, acquisition, or restructuring**, subject to submission of documentary evidence establishing such continuity.	• **For Bidder:** o Copy of Certificate of Incorporation Registration. o Proprietorship/Partnership/Private Limited Co./An attested copy of affidavit/partnership deed/articles and memorandum of association o The last three years Income Tax returns along with the copy of PAN Number of the bidder. o Copy of Registration Certificates with the GST Authorities o Contractor to be registered with CPWD / PWD of any State.
PQ4	Registration with State/Central Govt.	The Bidder should Submit the Registration Certificate with the State/ Central Govt.	Copy of Registration Certificate with State/central Govt. The proof of registration from the appropriate Authority shall be enclosed. If successful, the bidder who hasn't

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Sl. No.	Basic Requirement	Specific Requirement	Documents required
			registered under State Govt. has to register under the appropriate registering authority of the State Govt. of Odisha in appropriate class as per Office Memorandum No. 12586/W dated: 09/09/2022 of Work Department, Govt. of Odisha of eligibility before award of the work as per prevalent registration norms of the state.
PQ5	Relevant Work Experience	The Bidder should have experience in construction for Government/ Semi-Government Bodies/ Public Sector Undertakings/ Urban Local Bodies/ Development Authorities of India.	Completion Certificate duly certified by the Executive Engineer/Divisional Engineer/Project Manager i.e. by certificate issuing authority.
PQ6	EPF, ESIC Certification	The Bidder should have registration with Employee Provident Fund Organization, Government of India and ESIC.	Valid Registration / Certification.
PQ7	Labour License	The Bidder should have valid Labour license certificate from Labour Department Govt. of Odisha/ Any State Government Department in India.	Valid Labour license as on date of bid submission. If the bidder does not have a valid Labour License, they may submit an undertaking stating that, if selected, they will apply for the license with Government of Odisha within one month.
PQ8	Non-performance Declaration/ Blacklisting	A Bidder should, in the last 3 (three) years, have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or judicial authority or a	Undertaking by the authorized signatory of bidder in the stipulated format under **Form-M.**

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Sl. No.	Basic Requirement	Specific Requirement	Documents required
		judicial pronouncement or arbitration award against the Bidder, as the case may be, nor has been expelled from any project or contract by any public entity nor have had any contract terminated any public entity for breach by such Bidder.	
PQ 9	Affidavit	The bidder must submit, along with the bid, a scanned copy of an affidavit duly sworn before an Executive Magistrate/Notary Public certifying the authenticity of the bid and all supporting documents furnished therein.	An affidavit to this effect should be furnished by the bidder.
PQ 10	MOU with Electrical Contractor (HT/LT License)	The bidder must furnish a scanned copy of MOU with a second party having valid H.T. / L.T. license registration.	A MOU should be furnished by the bidder.
PQ11	MOU with Architectural & Design Consultancy Firm	The bidder must furnish a scanned copy of MOU with a second party having valid Architectural and Design consultancy firm with experience in Govt. sector.	A MOU should be furnished by the bidder.
PQ12	Site Survey	It shall be mandatory for the bidder to visit the project site,	The bidder shall conduct the site survey at its own cost and risk. A detailed Topographical Survey Report and Site

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Sl. No.	Basic Requirement	Specific Requirement	Documents required
		conduct a site survey, and thoroughly acquaint itself with the site conditions, existing infrastructure, terrain, accessibility, utilities, and all other factors that may have a bearing on the project.	Assessment Report shall be submitted along with the bid proposal. The bidder shall be deemed to have satisfied itself regarding all information necessary for preparation and submission of the bid. No claim whatsoever on account of lack of site knowledge or inadequate site investigation shall be entertained after submission of the bid. The Tender Inviting Authority shall not be liable for any costs, expenses, or losses incurred by the bidder in connection with the site visit, survey, preparation, or submission of the bid, irrespective of the outcome of the bidding process.
PQ13	Submission of proposed site-specific Master layout plan.	It is mandatory for the bidder to submit site-specific Master Layout Plan based on the site survey and project requirements.	The cost incurred towards preparation of the site-specific Master Layout Plan and BOQ shall be borne by the Bidder. The Tender Inviting Authority shall not be liable for any such costs regardless of the conduct or outcome of the selection process.
PQ 14	Covering Letter	Bid Submission Covering Letter	Bid Submission Covering Letter as per – Form- A

2.3. Technical capacity

- Qualification Evaluation shall be done as per the parameters mentioned in the table below:

Sr. No.	Parameters	Requirement	Supporting Documents
1.	**Financial Turnover:**	• Should have average annual financial turnover of minimum 7.5 crores of Civil Construction Cost during the last Three financial years.(FY 2022-23, 2023–24, FY 2024–25)	• Attested copy of the audited balance sheets and profit & loss account for the last 3 years shall be enclosed. • Certificate from CA must be furnished.

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Sr. No.	Parameters	Requirement	Supporting Documents
2.	**Financial: Net Worth**	• Bidder should have positive net worth as per the audited consolidated financial statements as on 31st March 2025.	**For Bidder:** • Certificate from the Statutory Auditor / CA clearly specifies the net worth of the firm. • Audited and Certified Balance Sheet and Profit/Loss Account as on 31st March 2025 should be enclosed.
3.	**Experience**	**"Similar works"** means construction of **Construction of IDTR/RDTC/I&C during last five (5) years or Construction of Building or Road for State or Government Authority**. • Should have experience successfully completed any of the following similar works during **last 7 years**: ○ Three similar completed works each costing not less than 06 Crores of the estimated civil cost OR ○ Two similar completed works each costing not less than 7.5 Crores of the estimated civil cost OR ○ One similar completed work costing not less than 12 Crores of the estimated civil cost.	• Provide copies of Work Orders / Completion Certificates for each project. • Work Orders & Completion Certificates to be submitted for completed projects. • Work Order + Phase Completion Certificate (for ongoing projects) from client
4.	**Bank Solvency Certificate**	The Bidder shall furnish bank solvency certificate of 50% value of the tender addressed in the name of STA Odisha**.**	• Bank Solvency Certificate to be issued by Bank

Note: In case of JV/Consortium all relevant documents of the partner companies are required to be furnished.

2.4. Technical Evaluation

- Bidders who Technically qualify shall be considered as qualified for Technical evaluations. The Authority shall consider documents submitted as part of Envelope A for Technical Evaluation.

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- This is Quality and Cost Based Selection (QCBS) for technically qualified bidders. The technically responsive bids shall be evaluated using a Quality and Cost Based Selection mechanism with 70% technical weightage and 30% financial weightage.
- The Technical Evaluation of Bidders proposals shall be based on Technical Criteria:
- The "Technical Score" shall be calculated out of 100 marks and shall be evaluated as below:

Sl.	Technical Criterion	Marks
1	Similar Completed Building / EPC Projects	10
2	Design Consultant & Integrated Design Capability	15
3	Key Technical Manpower & Deployment Plan	10
4	Design Basis Report, Construction Planning & Methodology, Work Breakdown Structure & Resource Planning	30
5	Plant, Machinery & Construction Resources	15
6	Financial Strength, Liquidity & Current Workload	10
7	Statutory Labour Compliance – EPF & ESI	10
	TOTAL	**100**
	Cut Off	**70**

2.5. DETAILED TECHNICAL MARKING

Sl. No.	Evaluation Criteria	Particulars / Evidence	Maximum Marks
1	**Similar Completed Building / EPC Projects**		**10**
		One no. completed project of value **equal/exceeding 12 Crores**	10
		Two nos. or more completed projects each equal/exceeding **7.5 Crores.**	5
		Three nos. or more completed projects each equal/exceeding **5 Crores.**	3
2	**Design Consultant & Integrated Design Capability**		**15**
		Valid MOU/Agreement with Design Consultant	3
		Lead Architect having **≥ 15 years post-qualification experience**	3
		Experience of Design Consultant in Government / PSU / Institutional Projects	3
		Structural Design Engineer available	2
		MEP / Electrical Design Engineer available	2
		Experience in project(s) of value **≥ ₹15 Crore**	2
3	**Deployment of Key Technical Manpower**		**10**
	Personnel	**Minimum Indicative Experience**	Marks
	Project Manager – Civil	Graduate + 10 years	4

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	Dy. Project Manager (Civil) / Structural Engineer	Postgraduate + 8 years	2
	Architect (Building)/Planning Engineer	Postgraduate + 5 years	2
	Electrical / MEP Engineer	Graduate + 5 years	1
	Quality Control Engineer/Site Engineer	Graduate + 2 years	1
	CVs, qualification certificates, experience certificates and deployment undertakings shall be submitted for all proposed key personnel.		
4	**DBR, Planning, Approach & Methodology**		**30**
		DBR and Project Concept	5
		Topographical Survey and Site Assessment	5
		Site Development and Master Planning	5
		Overall Planning and Preliminary Site / Project Detailing	5
		Innovation, New Technology and Use of Alternative / Innovative Materials	3
		Approach & Methodology for Timely Completion (Work Breakdown Structure)	5
		Strategy to Overcome Project Challenges	2
5	**Plant, Machinery & Resources**		**15**
		Hydraulic Excavator/JCB – 2 Nos.	2
		Tipper – 25 T Capacity OR MORE – 5 Nos.	2
		Cement Concrete Batch Mix Plant – 30 Cum/hr – 1 No.	3
		DG Set – 125 KVA or more – 1 No.	1
		Transit Mixer – 2 Nos.	2
		centring & Shuttering – 5,000 Sqm.	1
		Material Hoist – 20 m – 1 No.	2
		Static Concrete Pump – 2 Nos.	2
	Note: Owned, leased or legally hired equipment shall be accepted subject to submission of valid documentary evidence, MOU and proof of availability.		
6	**Financial Strength, Liquidity & Current Workload**		**10**
		Average Annual Turnover over 7.5 Cr. last 3 FY	4
		Net Worth exceeding **₹1.00 Crore over last 3 years**	3
		Unutilized Bank Guarantee (BG) exceeding **₹1.00 Crore**	3
7	**EPF & ESI Compliance**		**5**
		Valid EPF & ESI Registration and satisfactory recent compliance evidence, wherever applicable. ESI copy to be submitted.	5
		Total	**100**

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2.6. QCBS EVALUATION

- The Technical Bids shall first be evaluated based on the prescribed eligibility and technical evaluation criteria. Only bidders securing 70 marks or more out of 100 in the Technical Evaluation shall qualify for opening of the Financial Bid.
- Financial Bids of technically qualified bidders shall thereafter be opened. Selection shall be carried out under the Quality and Cost Based Selection (QCBS) method with a weightage of 70% for Technical Score (TS) and 30% for Financial Score (FS).
- The bidder securing the highest technical marks shall be assigned a normalized Technical Score of 100, and the Technical Scores of the other bidders shall be calculated proportionately. Similarly, the bidder quoting the lowest Financial Bid shall be assigned a Financial Score of 100, and the Financial Scores of the other bidders shall be calculated proportionately.
- The Combined Score (CS) shall be computed as follows:
  CS = (TS × 70%) + (FS × 30%)
- Bidders shall be ranked based on their Combined Scores, with the bidder obtaining the highest Combined Score being ranked H-1, followed by H-2, H-3, and so on.
- The bidder ranked H-1 shall ordinarily be declared the Successful Bidder. **However, before issuance of the Letter of Award, the H-1 bidder shall be required to match the lowest Financial Bid (L1) received amongst the technically qualified bidders.**
- **Upon acceptance of the L1 price by the H-1 bidder, the contract shall be awarded to the H-1 bidder at the matched L1 price.**
- **In the event the H-1 bidder fails or refuses to match the L1 price within the period specified by the Authority, the Authority may reject its bid and invite the next highest ranked bidder (H-2) to match the L1 price. The process may continue in the order of ranking until a bidder agrees to match the L1 price or until the Authority decides otherwise.**
- In the event of a tie in Combined Scores, the bidder securing the higher Technical Score shall be ranked higher. If the Technical Scores are also identical, the successful bidder shall be determined through a transparent lottery conducted in the presence of the concerned bidders or their authorized representatives, or in such manner as may be decided by the Transport Commissioner, Odisha.
- The decision of the Authority in respect of ranking, price matching and award of contract shall be final and binding on all bidders.

Formulae:

- Technical Score (TS) = (Bidder's Technical Marks ÷ Highest Technical Marks) × 100
- Financial Score (FS) = (Lowest Financial Bid ÷ Bidder's Financial Bid) × 100
- Combined Score (CS) = (TS × 0.70) + (FS × 0.30)
- The Bidder having the highest combined score (Technical + Financial) shall be the Successful Bidder.

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2.7. Site Understanding, Proposed Layout & Execution Methodology

The bidder shall mandatorily undertake a site visit/assessment before submission of the bid and shall submit, along with the Technical Bid, a proposed project layout, the Bidder shall mandatorily submit, along with the Technical Bid, a proposed IDTR driving track layout suitable for (40-ft trailer for IDTR) vehicles developed after simulation, duly demonstrating the required track dimensions, turning radius, lane widths, geometric parameters, gradients, manoeuvring requirements and other allied design details. The proposed design shall be prepared based on the actual site dimensions and shall demonstrate the Bidder’s technical understanding and feasibility of the proposed track layout.

A line plan of admin building, hostel building along with workshop and other criteria as mentioned in RFP is also required to be submitted.

The proposed IDTR design shall be considered as part of the technical evaluation, and non-submission of the required design and associated details shall render the bid technically non-responsive.

The proposed layout shall demonstrate the bidder's understanding of the site conditions, available area, levels, access, earthwork/cutting/filling, sub-grade, pavement, drainage and other relevant EPC requirements.

The pre-bid site assessment and proposed layout submitted with the bid are for the purpose of demonstrating the bidder's understanding of the site and formulation of its EPC price. The successful bidder shall nevertheless undertake detailed surveys, investigations and engineering required for final design and execution.

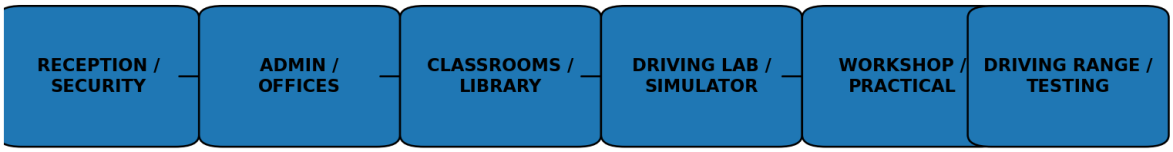
SECTION 3 – PROJECT CONCEPT AND FUNCTIONAL REQUIREMENTS

3.1. Functional objective

The IDTR is intended to provide systematic, scientific and practical driver training, develop safe driving attitudes and habits, provide simulator-based learning, teach vehicle systems and maintenance, and provide approved skill-testing infrastructure where included.

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FIGURE 3 – TRAINEE / DRIVER TRAINING FUNCTIONAL FLOW



Theory → Simulation → Vehicle Systems / Workshop → Practical Driving → Skill Testing

Figure 3 – Illustrative trainee / driver training functional flow.

3.2. Campus components

Component	Primary function
Administrative / Training Block	Reception, administration, staff, conference, training management, records and support
Classrooms / Academic Facilities	Theory instruction, smart classroom / AV-supported training
Driving Laboratory	Display of vehicle systems, cut-section models and training material
Simulator Room	Safe simulation, reaction assessment and scientific driver training
Workshop	Vehicle maintenance, inspection, washing and practical learning
Hostel	Accommodation for trainees / instructors, recreation and support
Canteen	Food preparation and dining for trainees and staff
Driving Range	Practical manoeuvre training
Utilities	Electrical, water, sewerage, STP, fire, drainage, security and ICT

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SECTION 4 – SITE DEVELOPMENT AND MASTER PLANNING

The Contractor shall undertake topographical survey, geotechnical investigation, utility mapping, site inventory, alternative layouts and final master planning. The reference tender expressly requires consolidation of requirements, preparation and finalisation of layouts, drawings, site development and utility planning.

4.1. Master planning principles

- Separate pedestrian, trainee, staff, visitor and heavy-vehicle movement wherever practical.
- Provide safe vehicle circulation from entrance to workshop, yard and driving range.
- Locate the control room to provide suitable visibility / operational access to testing areas.
- Keep high-voltage electrical infrastructure away from RFID-sensitive ADTT areas where required.
- Provide emergency vehicle access to buildings and track areas.
- Ensure storm-water drainage follows site levels and avoids waterlogging.
- Reserve space for future expansion where required.
- Use natural light, ventilation, energy-efficient systems and accessible design.

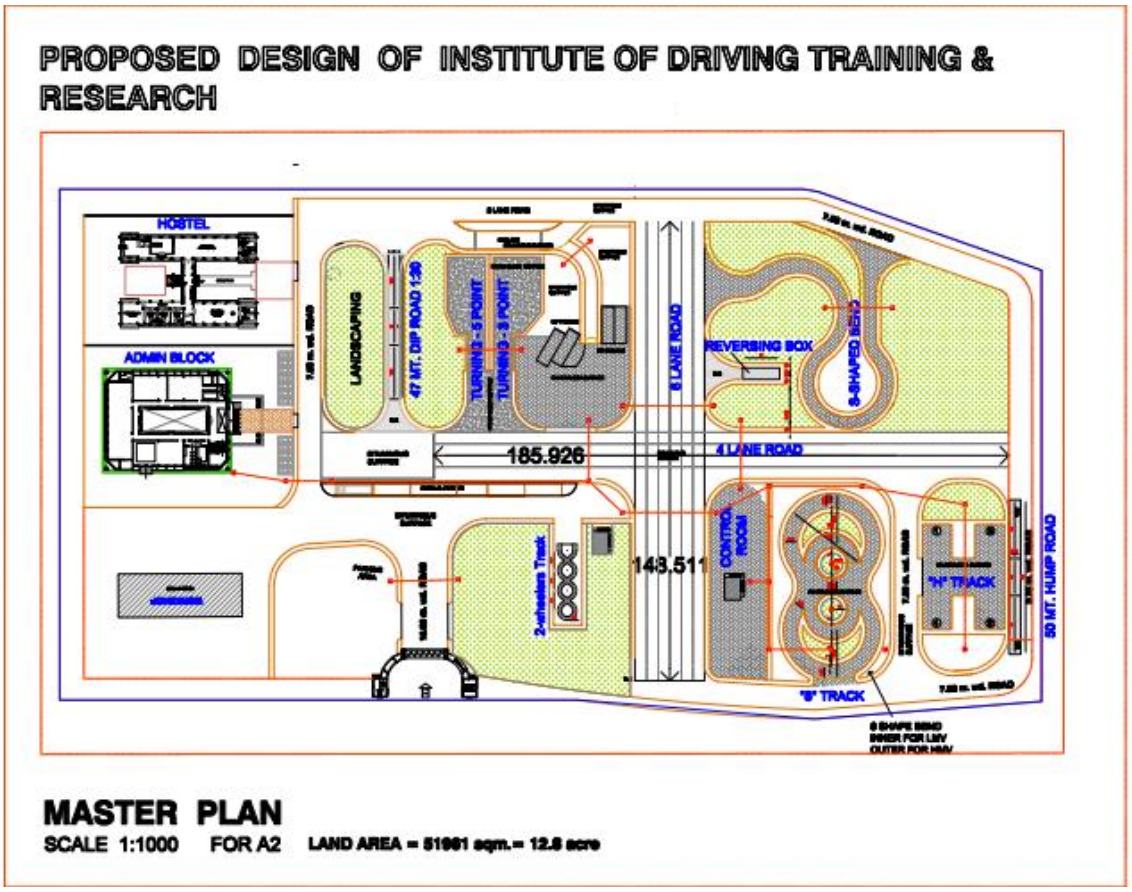


Figure 2 – Illustrative master-plan concept. Final layout shall be based on site survey and approved DPR.

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4.2. Site handover and inventory

- Authority shall provide site possession as stated in Contract Data.
- Contractor shall verify boundary, levels, utilities and existing assets before commencing permanent works.
- Debris / waste generated by the Contractor shall be removed at Contractor's cost.
- Any existing utility requiring diversion shall be identified and coordinated before execution.

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SECTION 5 – DETAILED BUILDING REQUIREMENTS

5.1. Administrative / training building

Facility	Reference requirement from uploaded tender	Tender treatment
Classrooms	5 rooms, each about 8 m × 8 m	Minimum reference; final area as approved
Office / staff rooms	3 rooms, each about 8 m × 8 m	Final requirement as approved
Vision / physical test room	About 3 m × 4 m	Provide as applicable
Store	About 3 m × 3 m	Provide as required
Driving laboratory	About 25 m × 8 m	Provide / finalise through approved design
Simulator room	Dedicated room / computer centre for simulators	Provide with HVAC, UPS and IT
Library	About 5 m × 7 m	Provide / finalise through approved design
Toilets	All buildings to have adequate toilet provisions	Accessible and gender-appropriate provision with provision for PwD

The above requirements are directly based on the detailed IDTR building brief in the reference document.

5.2. Workshop

The reference specifies a workshop shed of minimum about 40 m × 12 m, light pre-coated steel sheet roofing, approximately 6 m minimum height, store room about 4 m × 3 m, six parking bays of approximately 3 m × 12 m, washing ramp and inspection pit.

5.3. Hostel and canteen

The reference proposes hostel accommodation for about 250 candidates, with rooms of the dimension of about 5 m × 4 m and dormitories, each intended for about 25 beds, cupboards, tables and chairs, common toilets and recreation / TV hall. A separate canteen is proposed with kitchen and furniture, with an adjoining room of about 3 m × 4 m.

5.4. Architectural quality

- Durable institutional finishes.
- Barrier-free access and accessible toilets.
- Natural lighting and ventilation where feasible.
- Fire-safe circulation and emergency exits.
- Low-maintenance external finishes.
- Clear wayfinding and bilingual / statutory signage where required.

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SECTION 6 – DRIVING RANGE AND TRAINING TRACKS

Track / manoeuvre	Reference requirement / purpose
Two-lane straight	Basic starting, stopping, gear change, steering, passing, overtaking, curve handling and emergency stopping
Parking	Parallel, perpendicular and angular parking
Hump road	Approx. 50 m length; slope / clutch-balance practice
Dip road	Approx. 50 m length; water-stream / causeway driving practice
3 / 5 point turn	Restricted turning practice;
S-shaped bend	Radius about 11 m; lane width about 3.75 m
8-shaped bend – LMV	Inner radius about 5 m; outer radius about 8.75 m
8-shaped bend – HMV	Inner radius about 11 m; outer radius about 14.75 m
Reversing box	Approx. 34 m length × 3.75 m width
4 / 6 lane road	Optional, subject to land and approved scope
Speed track	Optional, up to about 1.8 km where approved
Hill / hairpin / gradients	As required by approved design; reference includes 10° and 7° gradient roads

A Driving Range is also proposed to be constructed incorporating different types of maneuvers to impart off-road driving practice so as to learn basic driving procedures and practice driving skills in various situations. The driving range and workshop facilities are to be provided for vehicles with the following dimensions and as per IS 12222-1987:

- Lane width – 3750 mm
- Turning circle diameter – 21074 mm
- Clearance circle diameter – 22000 mm
- Total length of the vehicle – 9290 mm / 15000 mm (for tractor trailer)
- Width of vehicle
  - Front – 1964 mm
  - Rear – 2500 mm

The details of roads proposed to be provided with various manoeuvres in the driving range and its purpose is as explained below:

i) Two Lane Straight

Used for fresher training to impart Basic Driving Practice i.e. starting – moving – stopping – gear changing – steering control – passing – overtaking – curve handling – driving in crawling speed – low speed – average speed – high speed – following distance – stopping distance – stopping the vehicle in case of brake failure. Width of pavement as per IRC for Two lane road without raised kerb - 7.5 m
Shoulder – 1.5 m

ii) Parking

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For practice in 3 types of parking maneuvers i.e. parking in parallel, angular and perpendicular to road. Requires simulation of parking operations in bus stations and truck terminus. The dimension of parking facilities are as follows:

Sl. No	Type of Parking	Length (m)	Width (m)	Angle (Deg)
1	Parallel	12	4	180
2	Perpendicular	4	12	90
3	Angular	4	12	60

iii) Hump Road

This road enables the driver in parking, stopping and starting operations on a sloped road i.e. to practice clutch balance point and bitting point and also cautious driving due to reduced sight distance with a gradient of 1 in 40.

Length – 50 m

1:12 at one side and 1:15 on other

Shoulder – 1.5 m

iv) Dip Road

The Dip Road educates the trainees to know the level of water stream in the causeway and the driving procedure to be adopted while driving in such water streams.

Length – 50 m

1:30 m on both sides

Shoulder – 1.5 m

v) 3 and 5 Point Turn

This is to train the drivers on difficult turning on restricted roads. The layout of the track is shown below:

Width – 35 mts

3 point – “Width -1” – 15 m

5 point – “Width -2” – 12 m

Length – 35 m

vi) S-Shaped Bend

To familiarize the trainees with difficult V Bend maneuvers without much of declaration/acceleration. The layout of the track and dimensions are given below:

Radius of S-Shaped bend -11 m

Width of the road – 4.65 m

Shoulder – 1.5 m

vii) 8-Shaped Bend

To train the drivers on left and right steering, sharp turning and negotiating round about.

The 8-Shaped Bend track is used to train the drivers on left and right steering, sharp turning and negotiating roundabouts. The end to end length and the inner diameter measurement of the track is given below:

For LMV Radius of inner circle – 5 m

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Radius of outer circle – 5+4.65 = 9.65 m
For HMV Radius of inner circle – 11 m
Radius of outer circle – 11+4.65 = 15.65 m
Width of single lane road – 4.65 m

viii) Reversing box/ H-Track
To educate drivers on proper methods of reversing and turning.
Length –34 m
Width – 3.75 m
Shoulder – 1.5 m

ix) 4 Lane Road & 6 Lane Road with a junction
In 4 & 6 lane road the trainee are educated on the system of lane changing, lane selection and lane discipline. In 4 lanes and 6 lanes the vehicles and its usage depends upon the ability of the driver to negotiate the above said points.
4 Lane:
Width of 4 lane road – 15 m (each lane is 3.75 m)
Length of 4 lane road – 155 m
Shoulder – 1.5 m
6 Lane:
Width of 2 lane road -22.5 m(each lane is 3.75 m)
Length of 2 lane road – 160 m
Shoulder – 1.5 m

x) Hill Track
A hill track to practice uphill and downhill driving. On hilly roads the vehicles going uphill have the priority right of way and the vehicles going downhill should give way so that they do not have to stop. The understanding of this principle must be taken care at the time of giving training in the Hill Track and Hair Pin bends.
Width of carriageway – 3.75 m
Shoulder – 1.5 m

xi) 10 Degree Gradient Road (optional subject to space availability)
xii) 7 Degree Gradient Road (optional subject to space availability)

The driving range is proposed to be developed incorporating different types of maneuvers to impart off-road driving practice to learn basic driving procedures and practice driving skills in various maneuvers in the driving range and its purposes are explained below.

	Road	Purpose
i)	Two lane Straight Road:	Used for fresher to impart Basic driving practice i.e. starting – moving- stopping – gear changing – steering control – passing – overtaking –curve handling – driving in – crawling speed – low speed –average speed-high sped – following distance –

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	stopping distance –stopping the vehicle in case of brake failure etc. can be practiced
ii) Parking:	Practice in 3 types of parking manoeuvres parking in parallel, angular and perpendicular to road. Simulating parking operations in bus stations and truck parks.
iii) Hump road:	Parking, stopping and starting operations on sloped road i.e. to practice clutch balance point and biting point and also cautious driving due to reduced sight distance.

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SECTION 7 – DESIGN AND ENGINEERING MANAGEMENT

7.1. Design deliverables

Stage	Deliverable	Timeline
D0	Site investigation, survey and project brief	T0 + 1 month
D1	Concept / alternative master plans	T0 + 2 months
D2	Approved master plan and architectural concept	T0 + 2.5 months
D3	Structural system and GFC architectural / structural / MEP drawings	T0 + 3.5 months
D4	Track geometric drawings and pavement details	T0 + 4 months
D5	MEP / utility concept	T0 + 8 months
D6	As-built drawings and O&M documentation	After Completion of the project

7.2. Design review process

7.2.1. Contractor submits design package with calculations and compliance statement.
7.2.2. Authority / CIRT / Authority's Engineer reviews the submission.
7.2.3. Comments are consolidated and returned to Contractor.
7.2.4. Contractor revises and resubmits.
7.2.5. Approved-for-construction status is issued.
7.2.6. Any subsequent revision shall follow document control procedures.

7.3. Design responsibility

7.3.1. Review or approval by the Authority shall not relieve the Contractor of responsibility for design adequacy, coordination, compliance and performance.

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SECTION 8 – CONSTRUCTION METHODOLOGY AND TECHNOLOGY

The Bidder shall submit a project-specific Construction Methodology and Technology Statement demonstrating its understanding of the project and proposed approach for timely, safe and quality execution of the IDTR works.

8.1. Construction sequencing

- Mobilisation and site setup
- Survey and setting out
- Earthwork / foundations
- RCC / structural frame
- Roofing and masonry
- MEP rough-ins
- Finishes
- Track formation / pavement
- External works and utilities
- Equipment installation
- Testing and commissioning
- Snag rectification and handover

Submission	Minimum content
Technology statement	Description, rationale, performance and limitations
Past application	Completed projects using same / comparable methodology
Approvals	Relevant approvals / certificates
Programme	Activity-wise implementation schedule
Resources	Plant, manpower, procurement and logistics plan
Quality plan	Inspection, testing and acceptance
Risk plan	Design, procurement, construction and commissioning risks
Site demonstration	Site visit / mock-up if required by Authority

8.2. Construction Methodology

The Contractor shall, before commencement of the Works, submit a detailed Construction Methodology and Project Execution Plan for approval of the Authority.

The methodology shall, as a minimum, cover:

a) Site mobilisation and establishment of temporary facilities;
b) Site survey, setting out and investigation;
c) Site development and earthwork;
d) Foundation and structural works;
e) Building construction and finishing works;
f) Construction of workshop, hostel, canteen and other facilities;

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g) Construction of driving range and manoeuvre tracks;
h) Electrical, plumbing, fire-fighting, STP and other MEP works;
i) External development, internal roads, drainage and landscaping;
j) Installation of furniture, simulators and training equipment, wherever included in the Scope;
k) Testing, commissioning and integrated trial operation;
l) Handover of the completed facility.

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SECTION 9 – MATERIALS, SPECIFICATIONS AND WORKMANSHIP

All works shall conform to the approved technical specifications, applicable Indian Standards, relevant CPWD / State PWD specifications, IRC requirements for road and track works, fire and electrical requirements and the approved GFC drawings.

9.1. General requirements

- Only approved materials shall be incorporated.
- Material samples / test certificates shall be submitted before bulk procurement.
- Concrete shall be design-mix concrete of approved grade.
- Reinforcement shall comply with approved grade and testing requirements.
- Waterproofing shall be tested before concealment.
- Electrical cables, switchgear and panels shall be tested before energisation.
- MEP pressure / leakage / functional tests shall be recorded.
- Track pavement shall be tested for levels, crossfall, compaction and surface finish.

9.2. Sustainable infrastructure

- Rainwater harvesting
- STP-treated water reuse
- Solar power / solar water heating where approved
- Energy-efficient lighting
- Natural light and ventilation
- Low-flow plumbing fixtures
- Landscape water management
- Waste segregation and construction waste management

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SECTION 10 – QUALITY ASSURANCE AND QUALITY CONTROL

10.1. Project Quality Plan

QA/QC document	Minimum content
Project Quality Plan	Organization, responsibilities, inspection system
Inspection & Test Plan	Hold points, witness points, acceptance criteria
Material approval register	Source, manufacturer, test certificates
Concrete quality records	Mix design, batching, cubes, slump, pour records
Earthwork records	Levels, compaction, density / test results
Track records	Subgrade, pavement layers, geometry and markings
MEP testing records	Electrical, plumbing, fire, HVAC and STP tests
NCR register	Non-conformance, corrective action and closure

10.2. Third-party testing

The reference EPC template provides for third-party quality audit / NABL-accredited laboratory testing at the Contractor's cost where required, with test results submitted along with running bills.

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SECTION 11 – GENERAL CONDITIONS OF CONTRACT (GCC)

11.1 Definitions

11.1.1 Authority

“Authority” means The State Transport Authority, Government of Odisha, having its office at Cuttack, Odisha and includes its authorised representatives, successors and permitted assigns.

11.1.2 Contractor

“Contractor” means the successful bidder whose bid has been accepted by the Authority for execution of the Engineering, Procurement and Construction (EPC) Works for the IDTR and includes its successors and permitted assigns.

11.1.3 Engineer

“Engineer” or “Engineer-in-Charge” means the person, officer or organisation appointed by the Authority for supervision, administration, inspection, certification and monitoring of the Works under the Contract.

11.1.4 Contract

“Contract” means the EPC Agreement together with the Letter of Award, General Conditions of Contract, Special Conditions of Contract, Authority's Requirements, Technical Specifications, Drawings, accepted Technical Bid, accepted Financial Bid, approved programme and all other documents forming part of the Tender and Contract.

11.1.5 Contract Price

“Contract Price” means the accepted EPC price stated in the Letter of Award and the EPC Agreement, subject to such adjustments as may be permitted under the provisions of the Contract.

11.1.6 Works

“Works” means the complete Engineering, Procurement and Construction works required for establishment of the Institute of Driving Training and Research (IDTR), including design, engineering, procurement, construction, installation, testing, commissioning and handover of all permanent and temporary works included in the Scope of Work.

11.1.7 Site

“Site” means the land and other areas made available by the Authority to the Contractor for execution of the Works and includes such additional areas as may subsequently be made available in accordance with the Contract.

11.1.8 Completion Date

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“Completion Date” means the date certified by the Engineer on which the Works have been completed in accordance with the requirements of the Contract and are ready for their intended use.

11.1.9 Defect Liability Period

“Defect Liability Period” means a period of **twenty four (24) months from the Completion Date**, during which the Contractor shall remain responsible for rectification of defects attributable to its design, workmanship, materials, equipment or execution, in accordance with the Contract.

11.2 Interpretation

The Contract Documents shall be read and construed together and shall be considered complementary to one another. Where any ambiguity, discrepancy or inconsistency is identified between two or more Contract Documents, the matter shall be referred to the Engineer for determination in accordance with the order of precedence specified in the Contract and SCC. Headings used in the Contract are for convenience only and shall not affect the interpretation of the provisions.

11.3 General Obligations of the Contractor

The Contractor shall execute and complete the Works in accordance with the Contract and shall provide all labour, materials, plant, machinery, equipment, supervision, engineering services and other resources necessary for successful completion of the Project. The Contractor shall be responsible for carrying out the design and engineering falling within its scope, obtaining approvals and permissions for which it is responsible, maintaining adequate resources at the Site and ensuring that the completed IDTR is fully functional and suitable for its intended purpose.

The Contractor shall be responsible for all incidental and associated works which are reasonably necessary for completion and successful operation of the IDTR, whether or not each such item is specifically mentioned, provided that such works are within the scope and intent of the Authority's Requirements.

11.4 Sufficiency of Contract Price

The Contractor shall be deemed to have satisfied itself regarding the Site conditions, accessibility, availability of materials, labour requirements, local conditions, construction requirements, utility arrangements and all other circumstances which may affect the execution of the Works. The accepted Contract Price shall be deemed to include all costs and obligations necessary for completion of the Works in accordance with the Contract.

11.5 Contract Documents and Order of Precedence

The Contract Documents shall be read together and shall be interpreted as complementary requirements. In the event of any discrepancy or inconsistency, the order of precedence specified in the EPC Agreement and SCC shall apply. Where the SCC does not provide a specific order of precedence, the Engineer shall determine the applicable interpretation in accordance with the nature and intent of the Contract.

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11.6 Design and Engineering

The Contractor shall be responsible for the adequacy, accuracy, coordination and completeness of all designs, drawings and engineering documents prepared by it under the Contract. The Contractor shall prepare and submit all architectural, structural, civil, electrical, mechanical, plumbing, fire-fighting, utility, driving-range, ICT and other drawings required for execution of the Works.

Any review, examination or approval of drawings or designs by the Authority or Engineer shall not relieve the Contractor of its responsibility for the correctness, adequacy, safety and performance of such designs.

11.7 Programme and Time for Completion

The Contractor shall complete the Works within the Contract Period specified in the Contract Data and shall submit a detailed project programme for approval by the Engineer and the Authority. The programme shall cover design, approvals, procurement, mobilisation, construction, installation, testing, commissioning and handover and shall identify major milestones and critical activities.

The Contractor shall regularly monitor and update the programme and shall immediately notify the Engineer and the Authority of any circumstance which may affect the progress or Completion Date of the Works.

11.8 Site Possession and Access

The Authority shall provide possession of and access to the Site in accordance with the Contract. Upon taking possession of the Site, the Contractor shall be responsible for maintaining the Site in a safe and orderly condition and shall protect existing facilities, utilities and other property within or adjoining the Site. The Contractor shall provide all temporary facilities, access arrangements and protection measures required for proper execution of the Works.

11.9 Quality Assurance and Quality Control

The Contractor shall establish and maintain a project-specific Quality Assurance and Quality Control system for the entire duration of the Contract. The Contractor shall prepare the Project Quality Plan, Inspection and Test Plans and other quality-control documents required under the Contract and shall ensure that all materials, workmanship, equipment and installations comply with the approved specifications and applicable standards.

The Engineer shall have the right to inspect and test any part of the Works at any stage of execution. Inspection, testing or approval by the Engineer shall not relieve the Contractor of its responsibility for the quality and conformity of the Works.

11.10 Materials and Workmanship

All materials incorporated into the Works shall be new of approved quality and shall conform to the requirements of the Technical Specifications, approved drawings and applicable standards.

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The Contractor shall obtain approval of materials wherever required and shall provide manufacturers' certificates, test certificates and other supporting documents as specified in the Contract.

Any material or workmanship found to be defective or not conforming to the Contract shall be removed, replaced or rectified by the Contractor at its own cost.

11.11 Inspection and Testing

The Contractor shall carry out all inspections and tests required under the Contract and shall provide all necessary facilities, labour, equipment and instruments for such testing. Where the Engineer has reasonable grounds to suspect that any part of the Works is defective or does not comply with the Contract, the Contractor shall undertake such inspection, testing or investigation as may be directed.

Where such inspection or testing establishes non-compliance or defective work, the Contractor shall bear the associated cost and shall rectify the affected work at its own cost.

11.12 Health, Safety and Environment

The Contractor shall be responsible for maintaining safe working conditions at the Site and shall comply with all applicable health, safety and environmental laws, regulations and requirements. The Contractor shall provide appropriate personal protective equipment, safety arrangements, barricading, warning signs, emergency facilities, fire protection and other measures necessary to protect its personnel, subcontractors, visitors and members of the public.

The Contractor shall take appropriate measures to minimise dust, noise, pollution, construction waste and other environmental impacts arising from execution of the Works.

11.13 Labour and Personnel

The Contractor shall deploy competent and adequately qualified personnel for execution and supervision of the Works. The Contractor shall comply with all applicable labour laws and statutory requirements relating to wages, working conditions, welfare, safety, insurance and other obligations relating to its employees and workers.

The Contractor shall remain responsible for the acts and omissions of its employees, subcontractors and other personnel engaged by it for execution of the Works.

11.14 Subcontracting

The Contractor shall not assign or subcontract the whole of the Contract. Specialised portions of the Works may be subcontracted with the prior approval of the Authority where such approval is required under the Contract. Any approved subcontracting shall not relieve the Contractor of its obligations, responsibilities or liabilities under the Contract.

11.15 Plant, Equipment and Temporary Works

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The Contractor shall provide and maintain all plant, machinery, equipment, tools and temporary works required for proper execution of the Works. All such plant and equipment shall be suitable for the intended purpose, properly maintained and operated by competent personnel.

The Contractor shall remain responsible for the safety and adequacy of all temporary works and construction equipment used by it.

11.16 Variations

The Authority may, through the Engineer, instruct changes, additions, omissions or modifications to the Works in accordance with the provisions of the Contract. Any Variation having financial or time implications shall be dealt with in accordance with the procedure prescribed in the SCC.

The Contractor shall not execute any Variation involving additional cost without obtaining the required written approval from the competent authority, except where specifically permitted under the Contract.

11.17 Payment

The Contractor shall be paid in accordance with the approved milestone payment schedule and the provisions of the Contract. Payment shall be subject to achievement and certification of the relevant milestone, compliance with quality requirements, submission of supporting documents and applicable deductions and recoveries.

The detailed payment milestones, documentation requirements, retention, advances and recovery provisions shall be specified in the SCC and Payment Terms.

11.18 Taxes and Statutory Obligations

The Contractor shall comply with all applicable laws and shall be responsible for payment of taxes, duties, royalties, labour cess, statutory fees and other liabilities arising from execution of the Contract, except those expressly identified as the responsibility of the Authority.

GST shall be dealt with in accordance with applicable law and the provisions of the Contract.

11.19 Insurance

The Contractor shall obtain and maintain all insurance policies required under the Contract and applicable law, including insurance relating to the Works, plant and materials, Contractor's equipment, third-party liability, workmen compensation and other risks specified in the SCC.

The Contractor shall submit valid insurance policies and certificates to the Authority / Engineer within the prescribed period and shall ensure that such policies remain valid throughout the required period.

11.20 Extension of Time

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The Contractor may be granted an Extension of Time where delay in completion arises from circumstances recognised under the Contract, including Authority - caused delay, approved Variations, Force Majeure or other events specified in the SCC.

The Contractor shall submit its request for Extension of Time within the period and in the manner specified in the Contract, together with details of the cause and effect of the delay.

11.21 Liquidated Damages

Where the Contractor fails to complete the Works within the stipulated Completion Period for reasons attributable to the Contractor, Liquidated Damages shall be levied in accordance with the provisions specified in the SCC.

The rate, maximum limit and procedure for recovery of Liquidated Damages shall be specified in the SCC.

11.22 Completion and Handover

The Contractor shall complete the Works, carry out all testing and commissioning, rectify outstanding defects and submit all required documentation before the Works are considered ready for handover. The Contractor shall submit as-built drawings, operation and maintenance manuals, warranties, test certificates and other documents specified in the Contract and shall provide the required training to the personnel nominated by the Authority.

The Engineer shall issue the Completion Certificate in accordance with the Contract upon satisfactory completion of the Works.

11.23 Defect Liability Period

The Defect Liability Period shall be **twenty four (24) months from the Completion Date**. During this period, the Contractor shall, at its own cost, rectify any defect attributable to its design, materials, workmanship, equipment or execution upon receipt of notice from the Engineer.

If the Contractor fails to rectify the notified defect within the period specified by the Engineer, the Authority shall have the right to arrange for its rectification and recover the associated cost from amounts due to the Contractor or in accordance with the other remedies available under the Contract.

11.24 Suspension of Works

The Engineer may instruct suspension of all or part of the Works where such suspension is considered necessary for safety, quality, design coordination, protection of the Works or any other reason permitted under the Contract. During suspension, the Contractor shall protect and preserve the Works and shall comply with the Engineer's instructions.

The Contractor's entitlement to Extension of Time or additional cost, if any, shall be determined in accordance with the Contract.

11.25 Force Majeure

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Force Majeure means an event beyond the reasonable control of the affected Party which prevents or materially affects the performance of its obligations under the Contract. The affected Party shall promptly notify the other Party and shall take all reasonable measures to minimise the effects of such event.

The entitlement to Extension of Time, additional cost or termination arising from prolonged Force Majeure shall be dealt with in accordance with the SCC.

11.26 Termination by Employer

The Authority may terminate the Contract in accordance with the provisions of the SCC if the Contractor commits a material breach of the Contract, abandons the Works, persistently fails to proceed with the Works, becomes insolvent, fails to maintain the required Performance Security or commits any other event of default specified in the Contract.

The procedure for notice, termination, taking over of the Works and settlement of accounts shall be governed by the SCC.

11.27 Termination by Contractor

The Contractor may terminate the Contract only in circumstances specifically provided under the Contract, including prolonged non-payment or other material default by the Authority, subject to the notice and procedure prescribed in the SCC.

11.28 Dispute Resolution

Any dispute arising out of or in connection with the Contract shall initially be referred to the Engineer / Employer's authorised representative for resolution. If the dispute is not resolved within the period specified in the SCC, it shall be referred for further resolution in accordance with the dispute-resolution procedure prescribed therein.

Where arbitration is applicable, the arbitration shall be conducted in accordance with the **Arbitration and Conciliation Act, 1996, as amended from time to time**.

11.29 Governing Law

The Contract shall be governed by and construed in accordance with the **laws of India**.

11.30 Confidentiality

The Contractor shall maintain confidentiality of all drawings, designs, specifications, reports, data and other information provided or generated in connection with the Project and shall not disclose such information to any third party except where necessary for execution of the Contract or with the prior written approval of the Authority.

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11.31 Records and Documents

The Contractor shall maintain complete records relating to progress, materials, testing, quality, labour, plant and equipment, drawings, payments and other matters required under the Contract. Such records shall be made available to the Authority and Engineer for inspection and verification whenever required.

11.32 Final Completion

Upon expiry of the Defect Liability Period and satisfactory rectification of all notified defects and fulfilment of the Contractor's obligations under the Contract, the Engineer shall issue the applicable Final Completion / Performance Certificate in accordance with the provisions of the SCC.

SECTION 12 – SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract shall supplement, amend or modify the provisions of the General Conditions of Contract (GCC). In the event of any conflict between the GCC and SCC, the provisions of the SCC shall prevail to the extent of such conflict.

12.1 Employer

For the purpose of this Contract, the Employer shall be **[Name of Employer / Authority]**, having its office at **[complete address]**.

The Employer shall be responsible for overall administration of the Contract and shall act through its authorised representative / Engineer-in-Charge for supervision, inspection, certification and monitoring of the Works.

12.2 Engineer / Engineer-in-Charge

The Employer shall appoint an Engineer / Engineer-in-Charge for administration and supervision of the Contract. The Engineer shall act within the authority delegated by the Employer and shall be responsible for inspection of the Works, review of submissions, certification of milestones, monitoring of progress and other functions specified in the Contract.

The Contractor shall comply with the lawful instructions issued by the Engineer in accordance with the Contract.

12.3 Contract Type

The Contract shall be an **Engineering, Procurement and Construction (EPC) Contract**.

The Contractor shall have single-point responsibility for design, engineering, procurement, construction, installation, testing, commissioning and handover of the complete IDTR, in accordance with the Employer's Requirements.

The Contract shall not be treated as a conventional item-rate / re-measurable contract, except for variations specifically instructed and approved in accordance with the Contract.

12.4 Tendering System

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The tender has been invited under the **Two-Stage Two-Envelope (Technical and Financial) System**.

The Technical Bid shall be evaluated first. The Financial Bid of only those bidders who meet the prescribed technical qualification requirements shall be opened.

12.5 Scope of EPC Works

The Contractor shall execute the complete scope specified in the Employer's Requirements, including design and engineering, site development, buildings, training facilities, workshop, hostel and canteen wherever included, driving range and manoeuvre tracks, internal roads, drainage, electrical and MEP works, water supply, sewerage, STP, fire-fighting, ICT, furniture, simulators and training equipment wherever specified, external development, testing, commissioning and handover.

The Contractor shall be responsible for all incidental works necessary to make the IDTR complete, functional and fit for its intended purpose.

12.6 Site Verification

The Contractor shall be deemed to have inspected and examined the Site and satisfied itself regarding the Site conditions, access, availability of utilities, local conditions, soil conditions, construction requirements and other circumstances affecting the execution of the Works.

Any additional investigation required for design and execution shall be carried out by the Contractor at its own cost unless otherwise specifically provided in the Contract.

12.7 Design Responsibility

The Contractor shall undertake all design and engineering falling within its scope and shall submit designs, calculations, drawings and other documents for review / approval in accordance with the Employer's Requirements.

The Contractor shall not commence construction of any major component without approved drawings and shall be fully responsible for coordination between architectural, structural, civil, electrical, MEP, fire, ICT and specialist systems.

12.8 Design Submission and Approval

The Contractor shall submit the design and engineering documents sufficiently in advance to avoid any impact on the approved construction programme.

Review or approval of any drawing or document by the Employer / Engineer shall not relieve the Contractor of responsibility for the correctness, adequacy, safety or performance of the design.

12.9 Construction Methodology

The Contractor shall submit a project-specific **Construction Methodology and Project Execution Plan** for approval before commencement of major construction activities.

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The methodology shall demonstrate the proposed sequence for site development, building construction, driving range and manoeuvre tracks, MEP works, procurement, testing, commissioning and handover.

12.10 Construction Programme

The Contractor shall submit a detailed **CPM / Bar Chart-based Project Programme** within **15 days from the Commencement Date**, unless otherwise specified by the Engineer.

The programme shall include design, approvals, procurement, mobilisation, construction, installation, testing, commissioning and handover.

The Contractor shall update the programme periodically and whenever required by the Engineer.

12.11 Time for Completion

The Time for Completion of the complete Works shall be:

24 Months from the Commencement Date i.e., from Signing of MoU

The Contractor shall plan and execute the Works so that all facilities are completed, tested, commissioned and ready for use within the stipulated period.

Stage	Milestone	Timeline for Completion of Milestone
1.	Signing of MOU	T_0
2.	Plinth + track layout	T_0 + 4 Month = T_1
3.	Ground-floor RCC/slab + road subgrade	T_1 + 6 Month
4.	RCC frame / steel structure + roofing	T_1 + 8 Month
5.	Masonry + road pavement	T_1 + 10 Month
6.	Plaster, plumbing, painting, road marking and furniture	T_1 + 15 Month
7.	Flooring + electrical works Procurement & Commissioning of Simulators Procurement & Commissioning of Equipment & Computer Accessories	T_1 + 16 Month
8.	External / utility works incl. UG/OH tanks, access roads, drainage, STP/SWD, water mains, compound wall, landscaping	T_1 + 20 Month
9.	Completion Certificate	T_1 + 21 Month

Note: Milestones shall be based on timelines mentioned in Section-07 of the RFP of designs deliverables.

12.12 Milestones

The Contractor shall achieve the major milestones specified in the approved Project Programme and Payment Schedule.

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The Employer may prescribe milestone dates for major components such as design approval, site development, building works, driving tracks, MEP works, equipment installation, testing and commissioning.

Failure to achieve a milestone shall require the Contractor to submit a recovery programme where directed by the Engineer.

12.13 Performance Security

i. Performance Bank Guarantee shall be submitted by the Successful Bidder within 15 days from the date of issuance of LoA in the format prescribed in Form Q of this RFP.
ii. Performance Bank Guarantee shall be 05% of project cost, as quoted by the Successful Bidder in its Financial Bid. It shall be in shape of Bank Guarantee from any Schedule commercial/Nationalized Bank of India in favour of Transport Commissioner, Odisha. PBG shall be valid up to the period of six months after the date of expiry of the contract period. The PBG shall be extended by the Contractor whenever required to cover its contractual obligations.
iii. No interest shall be payable on the PBG.
iv. The Performance Bank Guarantee of the Successful Bidder will be forfeited if the Successful Bidder fails to comply with the terms and conditions of this RFB and consequent contract.
v. A written notice of at least 15 days will be given to the Successful Bidder as opportunity of hearing before PBG is forfeited.

12.15 Payment

Payment shall be made against the **approved milestone payment schedule**.

The Contractor shall submit the required documents, invoices, test certificates, progress records and other supporting documents for certification by the Engineer.

No payment shall be due for a milestone unless the corresponding Works have been completed to the satisfaction of the Engineer and comply with the Contract.

The payment will be released based on the availability of funds.

12.16 Retention Money

Five percent (5%) of the gross amount of each bill shall be deducted towards Retention Money. The Retention Money shall be retained by the Employer and shall be released without interest after expiry of the Defect Liability Period, provided that the Contractor has satisfactorily fulfilled all contractual obligations and rectified all defects noticed during the Defect Liability Period.

12.17 Liquidated Damages

Where the Contractor fails to complete the Works within the stipulated Completion Period for reasons attributable to the Contractor, Liquidated Damages shall be levied at:

0.5% of the Contract Price per week of delay, subject to a maximum of 10% of the Contract Price.

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Payment of Liquidated Damages shall not relieve the Contractor from its obligation to complete the Works.

12.18 Extension of Time

The Contractor shall be entitled to Extension of Time only for delays arising from causes recognised under the Contract.

The Contractor shall submit a written request for Extension of Time, together with supporting details demonstrating the cause and effect of the delay, within **14 days of becoming aware of the event**, or within such other period approved by the Engineer.

No Extension of Time shall normally be granted for delays arising from inadequate mobilisation, poor planning, shortage of labour, plant or materials, or delays attributable to the Contractor or its subcontractors.

12.20 Taxes and GST

The Contract Price and treatment of GST shall be as specified in the Financial Bid and applicable statutory provisions.

The Contractor shall be responsible for timely compliance with GST and other applicable tax requirements and shall indemnify the Employer against consequences arising from the Contractor's failure to comply with applicable statutory obligations.

12.21 Insurance

The Contractor shall maintain all insurance required under the GCC and applicable law throughout the period specified in the Contract.

The Contractor shall submit copies of valid insurance policies to the Employer / Engineer before commencement of the relevant Works.

The minimum insurance coverage and limits shall be specified in the Contract Data.

12.22 Quality Assurance

The Contractor shall submit a **Project Quality Plan** and Inspection and Test Plans before commencement of the relevant Works.

The Contractor shall ensure that all materials, workmanship, construction methods and installed equipment comply with the Technical Specifications and approved drawings.

The Employer / Engineer may require independent or third-party testing of materials, works or equipment wherever considered necessary.

12.23 Driving Range and Manoeuvre Tracks

The driving range and manoeuvre tracks shall be constructed strictly in accordance with the approved design and layout.

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The Contractor shall ensure that all track dimensions, widths, gradients, curves, levels, pavement layers, drainage, manoeuvring areas, road markings, signs and safety arrangements comply with the Employer's Requirements.

The Contractor shall carry out appropriate testing of subgrade, pavement layers and finished surfaces before commissioning.

12.24 MEP and Utility Systems

All electrical, plumbing, fire-fighting, water supply, sewerage, STP, ICT and other utility systems shall be fully integrated with the buildings and external infrastructure.

The Contractor shall be responsible for coordination, testing, commissioning and demonstration of satisfactory operation of all such systems before handover.

12.25 Long-Lead Items

The Contractor shall identify long-lead materials and equipment immediately after commencement and incorporate their procurement into the Project Programme.

Any delay in procurement of equipment due to inadequate planning by the Contractor shall not ordinarily constitute grounds for Extension of Time.

12.26 Statutory Approvals

The Contractor shall obtain all approvals, permissions, certificates and clearances falling within its contractual responsibility.

The Employer shall provide reasonable assistance in respect of approvals that are specifically the responsibility of the Employer.

The Contractor shall maintain an approval register and monitor the status of all required approvals.

12.27 Subcontracting

Specialised works may be subcontracted with prior approval of the Employer wherever such approval is required.

The Contractor shall remain fully responsible for the performance, quality, safety and timely completion of all subcontracted Works.

12.28 Defect Liability Period

The Defect Liability Period shall be:

12 Months from the date of Completion / Provisional Completion Certificate.

During the Defect Liability Period, the Contractor shall rectify, at its own cost, defects attributable to design, workmanship, materials, equipment or execution.

12.29 Completion and Handover

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The Works shall be considered ready for completion only after all major construction works, MEP systems, driving facilities, equipment and external works have been completed and tested.

The Contractor shall submit as-built drawings, O&M manuals, warranties, test certificates and other required documents and shall provide training to personnel nominated by the Employer before handover.

12.30 Defect Rectification

Where a defect is notified during the Defect Liability Period, the Contractor shall commence corrective action within the period specified by the Engineer and shall complete rectification within the period reasonably specified considering the nature of the defect.

Where the Contractor fails to rectify the defect within the stipulated period, the Employer may undertake the rectification at the Contractor's risk and cost.

12.31 Variation

The Employer may instruct variations in accordance with the GCC.

Any variation involving additional cost or extension of time shall require approval of the Competent Authority in accordance with the applicable financial and procurement rules.

The Contractor shall not claim additional payment for work executed without proper written authorisation.

12.32 Suspension

The Engineer may instruct suspension of any part of the Works where necessary for safety, quality, design coordination, statutory compliance or other reasons permitted under the Contract.

The Contractor shall protect and preserve the suspended Works during the period of suspension.

12.33 Force Majeure

Force Majeure shall be dealt with in accordance with the GCC. The Contractor shall notify the Employer promptly upon occurrence of a Force Majeure event and shall take reasonable measures to minimise its effect on the Works.

Entitlement to Extension of Time or additional cost, if any, shall be determined in accordance with the Contract.

12.34 Termination for Contractor Default

The Employer may terminate the Contract in accordance with the GCC/SCC if the Contractor abandons the Works, persistently fails to proceed with the Works, commits a material breach, becomes insolvent, fails to maintain Performance Security or otherwise commits an event of default specified in the Contract.

The procedure for notice, termination and settlement shall be as specified in the GCC/SCC.

12.35 Termination by Contractor

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The Contractor may terminate the Contract only in circumstances specifically permitted under the GCC/SCC and after following the prescribed notice and cure procedure.

12.36 Dispute Resolution

Any dispute shall first be referred to the Engineer / Employer's authorised representative for resolution. If the dispute remains unresolved, it shall be dealt with in accordance with the dispute-resolution procedure prescribed in the GCC/SCC.

Where arbitration is applicable, it shall be conducted in accordance with the **Arbitration and Conciliation Act, 1996, as amended from time to time**.

SECTION 13 – HEALTH, SAFETY, ENVIRONMENT AND SECURITY

- Project-specific Health & Safety Plan before mobilisation.
- Mandatory PPE and induction for all personnel.
- Barricading and safe segregation of construction and operational traffic.
- Emergency response and first-aid facilities.
- Fire prevention and emergency evacuation arrangements.
- Work-at-height, lifting, excavation and electrical safety procedures.
- Daily housekeeping and debris removal.
- Dust, noise and waste management.
- Protection of public, neighbouring property and existing utilities.
- Incident reporting and corrective-action system.
- Site security and controlled movement of persons and equipment.

The reference tender additionally directs the Contractor to minimise disturbance to the functioning of the Owner / work places and to coordinate with other agencies working at site.

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SECTION 14 – PROJECT MANAGEMENT, REPORTING AND MONITORING

Report / Meeting	Frequency	Minimum content
Daily site report	Daily	Manpower, plant, work fronts, tests, issues
Weekly progress report	Weekly	Physical progress, critical activities, constraints
Monthly progress report	Monthly	Milestones, programme, finance, QA/QC, safety, risks
Design coordination meeting	As required	Drawings, RFIs, interfaces
Progress review meeting	Monthly / as directed	Programme and decisions
Quality audit	Periodic	Compliance, NCRs and corrective action
Commissioning review	Before handover	Test readiness and punch list

14.1. Progress measurement

The Contractor shall maintain an approved baseline programme and update it with actual progress. Delay analysis shall identify the cause, responsibility, mitigation and effect on completion.

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SECTION 15 – PROCUREMENT AND MATERIAL MANAGEMENT

- Prepare a procurement schedule aligned with the construction programme.
- Identify long-lead items such as electrical equipment, DG, transformer, STP, simulators and ADTT instrumentation.
- Submit OEM / manufacturer details and technical literature before procurement.
- Maintain approved vendor and material registers.
- Provide secure storage and protection from damage.
- Maintain warranty, serial-number and asset records for installed equipment.

15.1. Proprietary systems

For simulators, the bidder shall submit OEM authorisation and clause-by-clause compliance. The reference EPC document specifically provides for manufacturer authorisation / technical compliance statements for proprietary items.

SECTION 16 – PAYMENT MILESTONES

Payment Milestones & Component-Wise Weightage Breakdown

Stage	Milestone & Parent %	Trade / Category	Specific Construction Item / Component Description	Item %	Stage Total %
1	**ENGINEERING & DESIGN STAGE** (10.0%)		Site survey, geotechnical investigation, site assessment, project brief and preliminary design	**2.50%**	**10.00%**
			Detailed Topographical contour survey, fixing control benchmarks, soil borehole investigation.	**2.50%**	
			Structural, civil, MEP and utility design, Master plan, architectural concept and functional planning approval	**2.50%**	
			GFC drawings, detailed specifications, track design and construction documents	**2.50%**	
2	**Plinth + track layout** (12.0%)	Site Prep & Earthwork	Site clearance, grubbing, topsoil removal, and bulk cutting & filling to general campus formation level	**2.00%**	**12.00%**
		Track Layout	Setting out centerline, pegging, and geometric profile layout of all driving maneuvers (2-lane straight, 8-track, S-bend, parking	**1.50%**	

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Payment Milestones & Component-Wise Weightage Breakdown					
Stage	**Milestone & Parent %**	**Trade / Category**	**Specific Construction Item / Component Description**	**Item %**	**Stage Total %**
			bays, gradient tracks, reversing box)		
		Building Substructure	Foundation excavation in trenches/pits and Plain Cement Concrete (PCC 1:4:8) bedding for Admin, Workshop, and Hostel/Canteen blocks	**1.50%**	
		Building Substructure	Reinforced Cement Concrete (RCC) in isolated/strip footings and column starter pedestals	**3.00%**	
		Building Substructure	RCC plinth beams (tie beams) including formwork, reinforcement steel binding, and casting	**3.00%**	
		Building Substructure	Substructure brickwork up to plinth level, damp-proof course (DPC), and anti-termite chemical barrier treatment	**1.00%**	
3	**Ground-floor RCC/slab + road subgrade** (17.0%)	Building Plinth & Slab	Plinth backfilling with selected earth/granular material in 150 mm layers with watering & mechanical compaction	**2.00%**	**17.00%**
		Building Plinth & Slab	Under-floor base rubble soling / dry brick flat on edge packing and base floor PCC bed	**2.00%**	
		Building Plinth & Slab	Ground floor RCC suspended/grade slab casting including fabric reinforcement mesh and water curing	**3.00%**	
		Roadway Subgrade	Earthwork in road embankment and subgrade preparation (top 500 mm compacted in layers to ≥97% MDD) with field dry density testing	**5.00%**	
		Granular Sub-Base (GSB)	Supplying, spreading with motor grader, moisture conditioning, and vibratory rolling of Granular Sub-	**5.00%**	

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Payment Milestones & Component-Wise Weightage Breakdown					
Stage	**Milestone & Parent %**	**Trade / Category**	**Specific Construction Item / Component Description**	**Item %**	**Stage Total %**
			Base (GSB) across all driving tracks and internal roads		
4	**RCC frame / steel structure + roofing** (18.0%)	Road Base Course	Mixing, laying, and roller compaction of Dry Lean Concrete (DLC) base course over GSB, curing, and 7-day cube compressive strength checks or Spreading and Compacting WMM as in the case of BT Road	**7.00%**	**18.00%**
		Building Superstructure	RCC structural columns (shuttering, reinforcement steel, and casting) for Admin and Hostel blocks	**3.00%**	
		Building Superstructure	RCC floor beams, lintel bands, and upper-floor suspended roof slabs casting and curing	**3.00%**	
		Workshop Steel Frame	Fabrication and erection of structural steel columns, rafters, roof trusses, and purlins for Workshop (40 m × 12 m, 6 m height)	**3.00%**	
		Workshop Roof Sheeting	Pre-coated Galvalume/color profile sheet roofing, ridge flashing, eaves gutters, and rainwater downspouts	**2.00%**	
5	**Masonry + road pavement** (10.0%)	Road Pavement	Laying 125-micron polythene separation membrane sheet over cured DLC or Laying of Dense Bituminous Macadam in case of BT Road	**0.50%**	**10.00%**
		Road Pavement	Pavement Quality Concrete (PQC) casting, dowel bar baskets, and tie bars across all tracks and roads or Bituminous Concrete in case of BT Road	**5.00%**	

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Payment Milestones & Component-Wise Weightage Breakdown					
Stage	**Milestone & Parent %**	**Trade / Category**	**Specific Construction Item / Component Description**	**Item %**	**Stage Total %**
		Building Masonry	Fly ash / AAC block masonry or brickwork (200/230 mm) in cement mortar for external perimeter walls (Admin & Hostel)	**2.00%**	
		Building Masonry	Internal 100/115 mm brick partition walls, precast/cast-in-situ RCC lintels, and chajjas	**1.50%**	
		Workshop Walls & Kerbs	Workshop side dado/apron masonry walls and precast RCC kerb stone casting and fixing along road edges	**1.00%**	
6	**Plaster, plumbing, painting, road marking & furniture** (12.0%)	Building Plastering	Internal cement plastering (12 mm thick, 1:6) and external sand-faced plastering (15–20 mm thick, 1:4) across all buildings	**3.00%**	**12.00%**
		Building Painting	Internal wall putty with 2 coats acrylic emulsion paint and exterior weather-proof protective coating	**2.00%**	
		PQC Joint Treatment	Transverse contraction and longitudinal saw-cutting (within 24 hours), groove debonding strip, and silicone/polysulphide sealant filling	**2.00%**	
		Building Plumbing	Concealed CPVC water supply lines, UPVC soil/waste drainage piping, gully traps, and sanitary fixtures in all toilet blocks	**2.00%**	
		Track Road Safety	Hot-applied thermoplastic reflective road markings, kerb painting, retro-reflective road traffic signage, crash barriers, and delineators	**1.00%**	
		Institutional Furniture	Supply and installation of modular classroom desks/podiums (5 classrooms), office furniture, library racks, and hostel	**2.00%**	

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Payment Milestones & Component-Wise Weightage Breakdown					
Stage	**Milestone & Parent %**	**Trade / Category**	**Specific Construction Item / Component Description**	**Item %**	**Stage Total %**
			furnishings (beds, cupboards, study tables for 250 trainees)		
7	**Flooring + electrical works** (10.0%)	Flooring Works	Vitrified tile flooring in Admin/Hostel, anti-skid ceramic tiles in toilets, and heavy-duty Tremix/VDF/epoxy flooring in Workshop bays	**3.00%**	**10.00%**
		Building Electrification	Concealed conduits, FRLS copper wiring, modular switchboards, sub distribution boards (DBs), and energy-efficient LED luminaires	**2.00%**	
		Campus External Electrical	External electrification: main feeder pillars, underground armored power cables, earthing, and campus street lighting poles	**2.00%**	
		Simulators Setup	Supply, installation, testing, and commissioning of LMV and HMV Driving Simulators with instructor consoles, curved visual screens, and software	**2.00%**	
		Lab & Workshop Equipment	Smart classroom IT systems, driving lab automotive cut-section working engine/chassis models, and vehicle inspection ramp/pit equipment	**1.00%**	
8	**External / utility works** (6.0%)	Water Sump & Tanks	RCC Underground (UG) water sump, Overhead (OH) water tank, pump room with booster pumps, and water supply distribution ring mains	**1.00%**	**6.00%**
		Storm Water Drainage & RWH	Longitudinal RCC roadside drainage channels, cross-drainage culverts, catch pits, and Rainwater Harvesting (RWH) recharge pits	**1.00%**	

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Payment Milestones & Component-Wise Weightage Breakdown					
Stage	**Milestone & Parent %**	**Trade / Category**	**Specific Construction Item / Component Description**	**Item %**	**Stage Total %**
		Sanitary Waste Disposal	Heavy-duty RCC Septic Tanks, Soak Pits / Dispersion trenches, inspection chambers, and external sewer connection network (replaces STP)	**1.00%**	
		Perimeter Security	Campus boundary wall with RCC posts/coping, entrance gates, security cabins, and entry control boom barriers	**2.50%**	
		Horticulture & Hardscaping	Roadside berm compaction, median paver blocks, grass turfing, ornamental landscaping, and avenue plantation	**0.50%**	
9	**Completion Certificate** (5.0%)	Statutory Approvals & Tests	Electrical Inspectorate clearance, Fire NOC certification, third-party 28-day PQC core strength validation, and integrated system testing	**2.00%**	**5.00%**
		Handover Dossier	Submission of As-Built drawings, O&M manuals, training of STA personnel and issuance of Final Completion Certificate	**3.00%**	
	TOTAL CUMULATIVE CONTRACT WEIGHTAGE			**100.00%**	**100.00%**

Note: *Five percent (5%) of the gross amount of each bill shall be deducted towards Retention Money. The Retention Money shall be retained by the Employer and shall be released without interest after expiry of the Defect Liability Period, provided that the Contractor has satisfactorily fulfilled all contractual obligations and rectified all defects noticed during the Defect Liability Period.*

Advance Payment (Mobilization Advance):

- The Selected Agency/Contractor may, at its discretion, submit a written request/proforma invoice to the Authority for release of a Mobilization Advance not exceeding ten percent (10%) of the Accepted Contract Price/Total Agreed Project Cost for mobilization of resources, establishment of site infrastructure, procurement activities, and cash flow support for commencement of the Works.

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- Release of such advance shall be subject to approval of the Authority and fulfillment of the conditions specified below:
    - The Authority may release an advance payment not exceeding 10% (ten percent) of the Accepted Contract Price to the Contractor only against submission of an Unconditional and Irrevocable Bank Guarantee issued by a Scheduled Commercial Bank acceptable to the Authority, for an amount equal to 110% (one hundred and ten percent) of the advance payment.
    - The Advance Payment shall not be released until the basic design & architectural drawings is finalized and establishment of camp at work site is completed.
    - The guarantee shall remain effective until the advance payment has been repaid/adjusted from succeeding bills, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. The contractor shall ensure that the Bank Guarantee remains enforceable until the advance payment has been fully repaid and accordingly renew it, from time to time, until the advance payment has been fully repaid.
    - If the terms of guarantee specify its expiry date, and the advance payment has not been repaid by the date then 30 days prior to the expiry date, the contractor shall extend the validity of the guarantee until the advance payment has been fully repaid.

Recovery of Advance Payment:

- The Mobilization Advance shall be recovered through deductions from the Contractor's Running Account (RA) Bills/Interim Payments.
- Recovery shall commence from the first Interim Payment/RA Bill payable to the Contractor after release of the advance.
- The amount recoverable shall be deducted proportionately from each Interim Payment in such manner that the entire advance payment is fully recovered before 90% (ninety percent) of the Accepted Contract Price has been paid to the Contractor.
- No further payments beyond ninety percent (90%) of the Accepted Contract Price shall be released unless the Mobilization Advance has been fully recovered.
- No interest shall be payable by the Authority on the Mobilization Advance.

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SECTION 17 – TESTING, COMMISSIONING AND HANDOVER

17.1. Integrated commissioning

1. Complete all construction and installation works.
2. Complete individual equipment testing.
3. Complete subsystem testing.
4. Complete integrated MEP and fire testing.
5. Complete driving-track geometry / pavement acceptance.
6. Complete ADTT / IDTS functional testing.
7. Complete simulator commissioning.
8. Conduct integrated trial operation.
9. Rectify punch-list items.
10. Submit as-built drawings, manuals, warranties and asset registers.
11. Obtain required completion / occupancy documentation.
12. Train operating staff and hand over the facility.

17.2. Handover dossier

- As-built architectural drawings
- As-built structural drawings
- MEP as-builts
- Track as-builts
- ADTT system architecture and configuration
- Equipment manuals
- Warranty certificates
- Test certificates
- Calibration certificates
- Asset register
- Spare-parts list
- Training records
- Statutory approvals
- Completion / occupancy certificates

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SECTION 18 – DEFECT LIABILITY AND POST-COMPLETION OBLIGATIONS

The reference EPC tender provides a 24-month DLP from the Provisional Completion Certificate and requires defects to be rectified at the Contractor's cost. Failure to rectify permits the Authority to recover the cost from performance security / retention as applicable.

Defect category	Indicative response
Critical safety defect	Immediate response / isolate affected system
Major functional defect	Attend within 24–48 hours or as specified
Minor defect	Attend within prescribed maintenance period
Recurring defect	Root-cause analysis and permanent corrective action
Equipment warranty defect	OEM / Contractor coordination and replacement / repair

18.1. DLP documentation

- Defect register
- Rectification reports
- Equipment warranty log
- Preventive maintenance recommendations
- Final DLP inspection
- Defects Liability Certificate

SECTION 19 – VARIATION, CHANGE OF SCOPE AND CLAIMS

The reference GCC treats variation as a change to specification/drawings, scope or price instructed by the Employer.

1. Contractor identifies requirement / receives instruction.
2. Contractor assesses technical, cost and time implications.
3. Contractor submits proposal and supporting calculations.
4. Engineer / Authority reviews.
5. Competent authority approval is obtained where required.
6. Written variation order is issued.
7. Contractor executes and records the changed work.
8. Payment is made under the approved variation mechanism.

19.1. Claims

- Notice within the contractual period.
- Contemporaneous records.
- Cause-and-effect analysis.
- Programme impact.
- Cost substantiation.
- Engineer determination / dispute process.

SECTION 20 – DRAWINGS AND DESIGN DELIVERABLE REGISTER

Drawing No.	Drawing / document	Stage
IDTR-GA-01	Site location / key plan	Tender / design

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IDTR-GA-02	Topographical / existing site plan	Design
IDTR-GA-03	Master plan	Design
IDTR-AR-01	Administrative / training floor plans	Design
IDTR-AR-02	Workshop plans	Design
IDTR-AR-03	Hostel and canteen plans	Design
IDTR-TR-01	Driving range general arrangement	Design
IDTR-TR-02	Manoeuvre track details	Design
IDTR-TR-03	Pavement / drainage details	Design
IDTR-MEP-01	Electrical SLD	Design
IDTR-MEP-02	Water / sewerage / STP	Design
IDTR-MEP-03	Fire-fighting	Design
IDTR-MEP-04	HVAC / ventilation	Design
IDTR-LS-01	Landscape plan	Design
IDTR-AS-01	Complete as-built set	Handover

SECTION 21 – BILL OF QUANTITIES / PRICE SCHEDULE STRUCTURE

The reference tender uses a broad BOQ structure comprising building construction with electrical/plumbing utilities, driving track construction and landscaping / area development, while requiring detailed BOQ submission in the financial packet.

Package	Description	Unit / Pricing basis	Remarks
A	Building construction including electrical and plumbing	Approved BOQ	Administrative, academic, workshop, hostel, canteen
B	Driving track construction	Approved BOQ	Training range and approved manoeuvres
C	Landscaping / area development	Approved BOQ	External development and landscape
D	MEP / utilities	Approved BOQ	Electrical, water, fire, HVAC, ICT
E	Furniture / equipment	Approved BOQ	As specified
F	Testing / commissioning / handover	Approved Cost	Integrated completion

For an EPC tender, the Authority should clearly state whether the detailed BOQ is for evaluation / payment allocation only or is re-measurable. The tender should avoid ambiguity between a lump-sum EPC contract and an item-rate BOQ.

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SECTION – 22 (BID FORMATS)

19.2. FORM A – BID SUBMISSION FORM

[To be submitted on the Letterhead of the Bidder]

To,
The Transport Commissioner Odisha
STA, 6th Floor,
Rajaswa Bhawan, Cuttack-753002
Odisha

Sub: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR) – Submission of Bid

Tender No.: _____ **Date:** _____

Sir/Madam,

We, the undersigned, hereby submit our Bid for the **Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)** in accordance with the requirements of the Tender Document.

We have examined and understood all the provisions of the Tender Document, including the Instructions to Bidders, Scope of Work, Technical Specifications, GCC, SCC, Drawings, BOQ/Schedule of Requirements and all other documents forming part of the Tender.

We hereby confirm that our Bid is complete in all respects and is submitted in accordance with the requirements of the Tender Document. We undertake to execute, complete, test and commission the Works within the stipulated Contract Period and in accordance with the Contract requirements.

We further confirm that all information and documents submitted by us are true and correct to the best of our knowledge and belief.

We agree to abide by the terms and conditions of the Tender and understand that the Employer reserves the right to accept or reject any Bid in accordance with the provisions of the Tender Document.

For and on behalf of the Bidder

Name of Bidder: _____
Authorised Signatory: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Seal of Bidder: _____

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19.3. FORM B – BIDDER'S INFORMATION

Sl. No.	Particulars	Details
1	Name of the Bidder	
2	Legal status of the Bidder	
3	Registered Office Address	
4	Corporate/Head Office Address	
5	Contact Person	
6	Designation	
7	Telephone/Mobile No.	
8	Email Address	
9	Website, if any	
10	Date of Incorporation/Registration	
11	Registration/Company Identification No.	
12	PAN	
13	GST Registration No.	
14	Details of registration under applicable laws	
15	Name and designation of authorised signatory	
16	Constitution of Firm/Company	
17	Details of Parent/Associate Company, if applicable	

Declaration:

We hereby certify that the information furnished above is true and correct and that the undersigned is duly authorised to submit the Bid on behalf of the Bidder.

Name of Bidder: _____
Authorised Signatory: _____
Designation: _____
Date: _____
Seal of Bidder: _____

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19.4. FORM C – DETAILS OF SIMILAR PROJECT EXPERIENCE

The Bidder shall provide details of projects executed/completed which qualify as similar projects under the Tender requirements.

Sl. No.	Name of Project	Employer/Client	Location	Nature & Scope of Work	Contract Value (₹)	Date of Award	Completion Date	Status	Supporting Document
1									
2									
3									

Note: Documentary evidence such as Work Order/Letter of Award and Completion Certificate or equivalent evidence shall be submitted as specified in the Tender Document.

Authorised Signatory: _____

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19.5. FORM D – FINANCIAL TURNOVER AND NET WORTH

A. Average Annual Turnover

Financial Year	Annual Turnover (₹ Crore)
2022-23	
2023–24	
2024–25	
Average Annual Turnover	

B. Net Worth

Financial Year	Net Worth (₹ Crore)
2022-23	
2023–24	
2024–25	

The above information shall be supported by audited financial statements, Chartered Accountant certificates or other documents prescribed in the Tender Document.

Authorised Signatory: _____

Certified by CA: _____

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19.6. FORM E – AVAILABLE BID CAPACITY

[To be submitted by the Bidder on its Letterhead]

1. Bidder's Financial and Work Commitment Details

The Bidder shall provide details of its ongoing and committed works for determination of its **Available Bid Capacity**.

Sl. No.	Particulars	Details
1	Name of Bidder	
2	Financial Year considered	
3	Maximum value of work executed in any one financial year during the period specified in the Tender	₹ _____ Crore
4	Applicable multiplier, if specified	_____
5	**Available Bid Capacity before adjustment for existing commitments**	₹ _____ Crore

2. Details of Existing Commitments / Ongoing Works

Sl. No.	Name of Project	Employer/Client	Contract Value (₹ Crore)	Work Executed up to Date (₹ Crore)	Balance Work (₹ Crore)	Stipulated Completion Date	Anticipated Completion Date
1							
2							
3							
4							
Total					**₹**		

3. Calculation of Available Bid Capacity

The Bidder shall calculate its Available Bid Capacity in accordance with the formula specified in the Tender Document.

Available Bid Capacity = A × N × 2 – B

Where:

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A = Maximum value of construction work executed in any one year during the period specified in the Tender Document, updated to current price level, if applicable.

N = Number of years prescribed for completion of the proposed Works.

B = Aggregate value of existing commitments and ongoing works to be completed during the proposed Contract period.

Accordingly:

Particular	**Amount**
A – Maximum annual construction turnover/value of work	₹ _____
N – Completion period in years	_____
A × N × 2	₹ _____
B – Existing commitments/ongoing works	₹ _____
Available Bid Capacity	**₹ _____**
Estimated/Probable Cost of the Works	₹ _____

4. Declaration

We hereby certify that the information furnished above regarding our existing commitments, ongoing works and Available Bid Capacity is true and correct.

We understand that the Employer may verify the information provided in this Form from the concerned Employers/Clients or through other appropriate means.

We further confirm that, as on the date of submission of the Bid, our **Available Bid Capacity is not less than the estimated cost of the Works**, or such minimum capacity as specified in the Tender Document.

We undertake to immediately inform the Employer of any material change in our ongoing commitments or financial capacity that may affect our ability to execute the Works.

For and on behalf of the Bidder

Name of Bidder: _____
Authorised Signatory: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Seal of Bidder: _____

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19.7. FORM H – KEY PERSONNEL CV

Position Proposed: _____

Name: _____

1. Educational Qualification

Qualification	Institution	Year

2. Professional Experience

Organisation	Position	Project/Work	Period	Relevant Experience

3. Relevant Project Experience

Project	Employer	Scope	Role	Duration

Declaration by Proposed Personnel

I certify that the information provided above is true and correct and that I shall be available for deployment on the project in accordance with the requirements of the Contract.

Name: _____

Signature: _____

Date: _____

Declaration by Bidder

We confirm that the above personnel are proposed for the project and shall be deployed in accordance with the Contract requirements.

Authorised Signatory: _____

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19.8. FORM G – PLANT AND MACHINERY

Sl. No.	Plant/Equipment	Make/Model	Capacity	Quantity	Owned/Hired	Year of Manufacture	Proposed Deployment
1							
2							
3							
4							
5							
6							
7							
8							

The Bidder may add rows as per requirement.

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19.9. FORM G – CONSTRUCTION METHODOLOGY

The Bidder shall submit its proposed methodology for execution of the EPC Works covering, as a minimum, the following:

Sl. No.	Activity	Proposed Methodology
1	Site mobilisation and establishment	
2	Site development and earthwork	
3	Building and structural works	
4	Roads, driving range and manoeuvre tracks	
5	MEP and utility works	
6	Procurement and material management	
7	Quality control and testing	
8	Safety and environmental management	
9	Testing and commissioning	
10	Handover and documentation	

The methodology shall demonstrate the Bidder's understanding of the project and proposed sequence and approach for timely completion.

Authorised Signatory: _____

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19.10. FORM H – PRELIMINARY PROGRAMME

The Bidder shall submit a preliminary programme indicating the proposed sequence and duration of major activities.

Sl. No.	Major Activity	Planned Start	Planned Completion	Duration	Remarks
1	Mobilisation				
2	Design & Engineering				
3	Site Development				
4	Building Works				
5	Track & Road Works				
6	MEP Works				
7	External Development				
8	Testing & Commissioning				
9	Training & Handover				

The detailed baseline programme shall be submitted by the successful Bidder after award as stipulated in the Contract.

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19.11. FORM J – TECHNICAL COMPLIANCE

[To be submitted by the Bidder on its Letterhead]

Name of Work: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)

Tender No.: _____

Name of Bidder: _____

The Bidder shall confirm compliance with the technical requirements specified in the Tender Document. The Bidder shall carefully examine the Scope of Work, Technical Specifications, Employer's Requirements, Drawings, applicable Standards and other technical provisions before submitting this Form.

Sl. No.	Reference Clause / Section	Technical Requirement	Bidder's Compliance (Complied / Not Complied / Deviation)	Bidder's Remarks / Reference	Supporting Document / Page No.
1		Site Development & Earthwork			
2		Building & Structural Works			
3		Roads, Driving Range & Manoeuvre Tracks			
4		Architectural Works			
5		Electrical Works			
6		Mechanical / HVAC Works			
7		Plumbing & Water Supply			
8		Sewerage / STP / Drainage			
9		Fire Fighting & Fire Alarm System			
10		ICT / Communication Systems			
11		Training Infrastructure &			

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Sl. No.	Reference Clause / Section	Technical Requirement	Bidder's Compliance (Complied / Not Complied / Deviation)	Bidder's Remarks / Reference	Supporting Document / Page No.
		Equipment, where specified			
12		Testing & Commissioning			
13		Quality Assurance / Quality Control			
14		Health, Safety & Environment			
15		Statutory Approvals & Compliance			
16		Handover Documentation			
17		Other Technical Requirements			

Declaration

We hereby certify that we have carefully examined the complete technical requirements of the Tender Document and have indicated our compliance against each applicable requirement.

We confirm that, except for the deviations specifically identified in this Form and/or the prescribed Deviation Statement, our Bid fully complies with the technical requirements of the Tender Document.

We further confirm that the proposed Works shall be designed, procured, constructed, tested, commissioned and handed over in accordance with the approved drawings, specifications, applicable codes and standards, and the requirements of the Contract.

Any omission of a deviation in this Form shall not relieve the Contractor of its responsibility to comply with the requirements of the Tender Document.

For and on behalf of the Bidder
Name of Bidder: _____
Authorised Signatory: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Seal of Bidder: _____

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19.12. FORM K – DEVIATION STATEMENT

[To be submitted by the Bidder on its Letterhead]

Name of Work: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)

Tender No.: _____
Name of Bidder: _____

The Bidder shall clearly identify below any deviation, qualification, reservation, exception or modification proposed against the requirements of the Tender Document.

Sl. No.	Tender Document Reference (Section/Clause/Page)	Requirement as per Tender Document	Deviation Proposed by Bidder	Reason/Justification	Financial/Technical Implication
1					
2					
3					
4					
5					

Declaration

We hereby certify that all deviations, qualifications, reservations or exceptions proposed by us have been specifically and clearly identified in the above table. Except for the deviations expressly stated above, we confirm our **unconditional acceptance and compliance with all the requirements of the Tender Document**, including the Scope of Work, Employer's Requirements, Technical Specifications, GCC, SCC, Drawings, applicable Standards and other Contract conditions.

We understand that any deviation, qualification or condition contained elsewhere in our Bid but not specifically identified in this Form may not be considered by the Employer.

We further understand that the Employer reserves the right to evaluate, accept or reject any proposed deviation in accordance with the provisions of the Tender Document.

For and on behalf of the Bidder

Name of Bidder: _____
Authorised Signatory: _____
Designation: _____
Signature: _____
Date: _____
Seal of Bidder: _____

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19.13. FORM L – OEM AUTHORISATION

[To be submitted on the Letterhead of the Original Equipment Manufacturer (OEM)]

Name of Work: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)

Tender No.: _____
Name of Bidder: _____
Name of OEM: _____
OEM Address: _____

To,

The Joint Commissioner Transport (RS)
STA, 6th Floor,
Rajaswa Bhawan, Cuttack-753002
Odisha

Subject: OEM Authorisation

Dear Sir/Madam,

We, **M/s _____**, are the **Original Equipment Manufacturer (OEM)** of **[Equipment/System/Item] _____**.

We hereby authorise **M/s _____**, having its registered office at _____, to participate in the above-mentioned Tender and, if awarded the Contract, to supply, install, test, commission and provide warranty/support services for the equipment/system manufactured by us, as applicable to the scope of the Tender.

We confirm that the equipment/system proposed by the Bidder is manufactured/supplied by us and complies with the technical requirements and specifications specified in the Tender Document, subject to the details submitted with the Bid.

We further confirm that we shall provide the necessary **technical support, warranty support, spares and after-sales service** for the equipment/system supplied under this Contract for the period and in accordance with the requirements specified in the Tender Document.

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We undertake to provide necessary technical assistance to the Bidder during installation, testing and commissioning and, wherever applicable, during the Defect Liability/Warranty Period.

This authorisation is issued specifically for the above Tender and shall remain valid for the period required under the Tender/Contract.

For and on behalf of **M/s _____ (OEM)**

Name: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Company Seal

Contact Details of OEM:

Telephone: _____
Email: _____
Website: _____

OEM Details

Particulars	Details
Name of OEM	
Manufacturer of	
Make/Brand	
Model/Series	
Country of Manufacture	
Manufacturing Facility	
Authorised Representative	
Address	
Contact No.	
Email	

Note: OEM Authorisation shall be required only for such equipment/systems for which OEM authorisation is specifically stipulated in the Tender Document. The authorisation shall be issued directly by the OEM and shall clearly identify the Bidder and the equipment/system proposed. Where applicable, the OEM shall remain responsible for providing warranty, technical support, spares and after-sales support in accordance with the Tender requirements.

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19.14. FORM M – NON-BLACKLISTING UNDERTAKING

[To be submitted on the Letterhead of the Bidder]

Name of Work: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)

Tender No.: _____

Name of Bidder: _____

UNDERTAKING

We, **M/s _____**, having our registered office at _____, hereby undertake and declare that:

1. We have not been blacklisted, debarred, suspended or otherwise prohibited from participating in tenders by any Central Government Department, State Government Department, Government Agency, Public Sector Undertaking or other competent authority, except as specifically disclosed below.
2. No order of blacklisting or debarment is currently in force against the Bidder which would affect our eligibility to participate in this Tender.
3. We have not concealed any material information relating to any blacklisting, debarment or suspension.
4. We undertake to immediately inform the Employer if any such order is issued against us during the validity of our Bid or during execution of the Contract.

Details of any existing/past debarment, if applicable:

We certify that the above information is true and correct. We understand that any false declaration or suppression of material information may result in rejection of our Bid or action under the provisions of the Contract.

For and on behalf of the Bidder
Name: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Seal of Bidder

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19.15. FORM N – NON-COLLUSION / INTEGRITY UNDERTAKING

[To be submitted on the Letterhead of the Bidder]

We, **M/s _____**, hereby undertake that our Bid has been prepared independently and without any agreement, understanding or arrangement with any other Bidder for the purpose of restricting competition or influencing the outcome of the Tender.

We further undertake that we have not:

a) entered into any agreement or arrangement with another Bidder regarding the Bid price or conditions of the Bid;

b) shared or exchanged information relating to our Bid with any other Bidder with the intention of restricting competition;

c) attempted to influence any person connected with the Tender process through improper means; or

d) offered or agreed to offer any inducement, benefit, payment or consideration that is prohibited under applicable laws or the Tender conditions.

We undertake to maintain the highest standards of integrity and transparency throughout the Tender process and, if awarded the Contract, during execution of the Contract.

We understand that any violation of this undertaking may result in action in accordance with the Tender Document, applicable law and the Contract.

For and on behalf of the Bidder

Name: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Seal of Bidder

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19.16. FORM O – POWER OF ATTORNEY

[To be executed on appropriate Stamp Paper and notarised, wherever required]

POWER OF ATTORNEY

Know all persons by these presents that **M/s _____**, a company/firm incorporated/registered under _____, having its registered office at _____, represented by Shri/Smt. _____, _____, hereby appoints, constitutes and authorises Shri/Smt. _____, holding the position of _____, as its true and lawful Attorney.

The Attorney is authorised to represent the Bidder in connection with the Tender for:

"Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)"

The Attorney is authorised to sign and submit the Bid and all accompanying documents, provide clarifications, correspond with the Employer, attend meetings, make representations and undertake all necessary actions in connection with the Tender.

In the event of award of the Contract, the Attorney shall also be authorised to execute documents and undertake actions on behalf of the Bidder to the extent permitted under the Tender Document and applicable law.

We hereby agree to ratify and confirm all acts, deeds and things lawfully done by the said Attorney pursuant to this Power of Attorney.

For and on behalf of M/s _____

Name: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Company Seal

Accepted by the Attorney

Name: _____
Designation: _____
Signature: _____
Date: _____

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Witnesses

1. Name: _____
   Address: _____
   Signature: _____

2. Name: _____
   Address: _____
   Signature: _____

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19.17. FORM P – SITE VISIT CERTIFICATE

[To be issued/endorsed by the Employer/Engineer, as applicable]

SITE VISIT CERTIFICATE

Name of Work: Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)

Tender No.: _____

This is to certify that **M/s _____**, having its office at _____, represented by Shri/Smt. _____**, has visited and inspected the proposed project site on _____** in connection with the above-mentioned Tender.

The Bidder has had the opportunity to inspect and acquaint itself with the site conditions, access arrangements, existing facilities/services, site constraints, local conditions, availability of utilities and other factors that may affect execution of the Works.

The Bidder acknowledges that it has made its own assessment of the site conditions and has taken the same into consideration while preparing its Bid.

For the Employer / Engineer
Name: _____
Designation: _____
Signature: _____
Date: _____
Place: _____
Official Seal

Acknowledgement by Bidder
We acknowledge that we have visited the project site and have examined the conditions relevant to execution of the Works.
Name of Bidder: _____
Authorised Signatory: _____
Signature: _____
Date: _____
Seal: _____

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19.18. FORM Q –BANK GUARANTEE FOR PERFORMANCE SECURITY/EMD

[To be issued by a Scheduled/Authorised Bank in favour of the Employer]

Bank Guarantee No.: _____

Date: _____

Amount: ₹ _____

Validity up to: _____

Earnest Money Deposit (EMD)/ PERFORMANCE SECURITY BANK GUARANTEE

To,

[Name and Address of Employer]

Whereas **M/s _____**, having its registered office at _____ (hereinafter referred to as the **"Contractor"**), has been awarded the Contract for **"Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)"** vide Contract/Letter of Award No. _____ dated _____.

In accordance with the terms of the Contract, the Contractor is required to furnish a Performance Security of **₹_____**, being the amount specified in the Contract.

At the request of the Contractor, we, **[Name of Bank]**, having our registered office at **_____, hereby irrevocably and unconditionally undertake to pay to the Employer, on its first written demand, without demur, protest or reference to the Contractor, any amount up to a maximum of ₹_____** against any loss, damage, liability or failure of the Contractor to perform its obligations under the Contract.

The Employer shall not be required to establish or prove the Contractor's default before making a demand under this Guarantee.

This Guarantee shall remain valid until **_____** and shall be extended as required in accordance with the Contract.

Any claim under this Guarantee shall be made in writing on or before the date of expiry of this Guarantee.

The liability of the Bank under this Guarantee shall be limited to **₹_____**.

This Guarantee shall not be affected by any change in the constitution of the Contractor or the Bank or by any amendment, modification or extension of the Contract.

For and on behalf of the Bank

Authorised Signatory: _____

Name: _____

Designation: _____

Bank: _____

Branch: _____

Date: _____

Seal of Bank

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19.19. FORM R– BANK GUARANTEE FOR MOBILISATION ADVANCE

[To be issued by a Scheduled/Authorised Bank]

Bank Guarantee No.: _____
Date: _____
Amount: ₹ _____

MOBILISATION ADVANCE BANK GUARANTEE

To,

[Name and Address of Employer]

Whereas **M/s _____**, having its registered office at _____, has been awarded the Contract for **"Engineering, Procurement and Construction (EPC) of Institute of Driving Training and Research (IDTR)"** vide Contract/Letter of Award No. _____ dated _____.

Under the terms of the Contract, the Employer has agreed to provide mobilisation advance of **₹_____** to the Contractor against submission of an unconditional and irrevocable Bank Guarantee.

At the request of the Contractor, we, **[Name of Bank]**, hereby irrevocably and unconditionally undertake to pay to the Employer, on its first written demand, without demur, protest or reference to the Contractor, any amount up to **₹_____**, representing the mobilisation advance or any part thereof remaining recoverable from the Contractor in accordance with the Contract.

The Bank shall make payment upon receipt of the Employer's written demand stating that the amount claimed is due from the Contractor under the Contract.

This Guarantee shall remain valid until **_____** and shall be extended as required in accordance with the Contract.

The liability of the Bank shall be limited to **₹_____**.

For and on behalf of the Bank

Authorised Signatory: _____
Name: _____
Designation: _____
Bank: _____
Branch: _____
Date: _____
Seal of Bank

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19.20. Indicative Format for Financial Bid (Not to be submitted along with the Technical Bid/Proposal)

ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) TENDER DOCUMENT FOR ESTABLISHMENT OF INSTITUTE OF DRIVING TRAINING AND RESEARCH (IDTR) AT KORAPUT, ODISHA							
RFP No.-18837/TC, Dated:- 27/10/2026							
Financial Bid Format							
Sl.	**Component**	**Quantity**	**Unit**	**Amount (Rs.)**	**GST (Percentage %)**	**GST (Rs.)**	**Total Amount including GST (Rs.)**
1	Detailed Topographical Contour Survey, Geotechnical Investigation, Architectural & Structural Design, Specification of track design, submission of GFC drawings, Deployment of Engineering team, Establishment of Site Office, Mobilization of Manpower, materials & Machinery.	1	Lumpsum	2	1		2
2	Administrative, Academic & Training Building (Classrooms, driving laboratory, Library, Staff rooms, Vision/ Physical test, control rooms) with necessary E.I., PH, finishing & interior works		Sqm.				0
3	Workshop with necessary E.I., PH, finishing & interior works						0
4	Hostel & Canteen with necessary E.I., PH, finishing & interior works						0
5	Security Room with necessary E.I., PH, finishing & interior works						0
6	**Site development:** Earthwork cutting, filling & levelling, Felling of trees, site clearance.						0
7	Boundary wall						0
8	Main gate & wicket gate						0
9	BT/ CC Driving Range & Manoeuvre Training Tracks						0
10	Internal BT/CC Roads						0
11	Paver parking Area						0
12	Electrical, MEP & HVAC works						0
13	Water Supply, Sewerage, STP & Fire-Fighting						0
14	Drainage Work						0
15	Rainwater Harvesting						0
16	Solar Panneling						0
17	ICT &CCTV works						0

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ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) TENDER DOCUMENT FOR ESTABLISHMENT OF INSTITUTE OF DRIVING TRAINING AND RESEARCH (IDTR) AT KORAPUT, ODISHA							
RFP No.-18837/TC, Dated:- 27/10/2026							
Financial Bid Format							
Sl.	**Component**	**Quantity**	**Unit**	**Amount (Rs.)**	**GST (Percentage %)**	**GST (Rs.)**	**Total Amount including GST (Rs.)**
18	Supply & installation of Simulators, Training & workshop Equipment						0
19	Fire Fighting Work						0
20	Landscaping & Irrigation System						0
21	Furniture						0
22	Testing & Commissioning						0
23	Other components not specified herein above to be specified by the bidder (……..)						0
	Total Project Cost (In figures)					0	0
	Total Project Cost (In Words)						

Note:

(1) The bidder shall submit a detailed component-wise Bill of Quantities (BoQ), in accordance with the specifications prescribed in the RFP, on the date of opening of the Financial Bid. The quantities, rates, and total cost indicated in the detailed BoQ shall be consistent with and equal to the quantities, rates, and total amount quoted by the bidder in the Financial Bid Format. In the event of any discrepancy between the Financial Bid and the detailed BoQ, the amount quoted in the Financial Bid shall prevail and shall be considered for evaluation and award of the Contract.

(2) **In Sl. No. 23 of the Financial Bid Format, i.e., "Other Components not specified hereinabove (to be specified by the bidder)",** the bidder shall clearly indicate any additional component(s) required for successful completion, commissioning, operation, and functionality of the Project that have not been specifically listed in the Financial Bid Format. The bidder shall quote the corresponding quantities, rates, and costs for such additional component(s) under the said item.

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19.21. List of Approved Manufactures / Makes of Material (For Civil Works)

S.No	Description of Items	Approved Manufacturer/Brand
1.	Cement	ACC, L&T, UltraTech, Ambuja,J.K. Cement, Birla, Dalmia
2	Reinforcement Steel	TATA, TISCO, SAIL, RINL, IISCO
3	Structural Steel	TATATISCO, SAIL, RINL, JINDAL
4	Stainless Steel	TATA, JINDAL, SAIL,
5	White Cement	J.K., Birla, Surya
6	Chlorpyriphos	DE Nocil, Aimco, Cynamide.
7	Water Proofing Compound (liquid)	Pidlite, Cico, Fosroc, Snowcem India, Dr. Fixit, ATPL
8	Friction Stays	EBCO, LGF Sysmac, Kelegent
9	Non Shrink Grout	Bal Endura, Pidilite, Fosroc
10	Pigment	Sudershan Chemical Industries Ltd., TATA Pigment, City Cat
11	Hardeners	Ironite, Ferrok, Hardonate
12	Interlocking Paver Blocks	Unitile, Swastik, Nitco, Nimco, KK
13	Reflective Hard Coated Glass	Glaverbel, ST.GOBAIN, ASAHI, MODIGUARD
14	Plywood	Kitply, Century, Green Ply
15	Aluminium Hardware	Earl Bihari, ECIE, CROWN, SAVEX, Global (Aluminium Udyog)
16	Stainless Steel Screws	Kundal, Arrow, Rolex, Omni
17	Hardware & Brassware	Shalimar, Indo-Brass, Amarbhoy Dossaji, Earl Bihari, SAVEX
18	Float Glass	ST. GOBAIN, MODIGUARD, ASAHI, ATUL
19	Distember & Paints	ASIAN, BIRLA Opus
20	PUTTY	ASIAN, BIRLA Opus
21	Kerb Stone	KK, NITCO, SWASTIC, UNITILE
22	UPVC / PVC PIPE	FINOLEX, KISAN, SUPREME, PRINCE, POLYPACK
23	Anchor Fasteners	HILTI, FISCHER, TRIMURTI ANCHOR FASTENER, ABM
24	Ceramic Glazed Tiles	JOHNSON, KAJARIA, ASIAN, NITCO, BELL, SOMANY, ORIENT-(First Quality Tiles)
25	Vitrified Tiles	JOHNSON, KAJARIA, ASIAN, NITCO, BELL CERAMIC, VARMORA
26	Polycarbonate Sheet	GE (LEXON), DANPAL, VMI Plastics, Everest Industries Ltd.

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S.No	Description of Items	Approved Manufacturer/Brand
27	Aluminium Extrusions	Hindalco, Jindal Industries, Indal
28	EPDM	Amee Rubber Industries Pvt. Ltd., Trident Rubber, Maruti Rubber
29	Glass Brick	Poesia Glass Ltd, Mouk Colour Glass Pvt. Ltd, Matrix Ceramic Industry
30	Glass Mosaic Tile	Palladio, Pixel Mosaic, Italia Glass Mosaic
31	PRECOATED G.I. SHEET	TATA Blue Scope , Colour Roof India Ltd, Loyd Insulations (India) Ltd.
32	M.S. PIPE	TATA, Jindal Hissar, Prakash Surya
33	Expansion Joint System	As per approval of Engineer –in – charge
34	Floor Springs, Frameless Glass Fittings, Handles	Doorset, Dorma, Trium, Godrej
35	Panic Latch	Briton, Ases Security, Srima
36	Fire Check Door	Navfair, Aadhunik, Sehgal & Sehgal Industries
37	Laminated Partical Board	MDF, Novapan, Archid Ply
38	Flush Door Shutter	Kitply Industries (Swastik), Green Ply, Century,
39	Pressed Steel Frame /Moulded Steel Door And Windows.	Manufacturer as per approval of Engineer-in charge.
40	Aerated Autoclave Concrete	Bilt New Delhi, Optima Cube, Millenium, Hyderabad Industries Ltd.
41	Concrete Admixtures	Fosroc, CICO, Chemicol
42	Commercial Board	GREENPLY, CENTURY, KITPLY
43	Adhesives	Fevicol, Vemicol
44	Aluminum Accessories	CLASSIC, Global (Aluminum Udyog), CROWN, EVERITE, NULITE, MEPRO
45	GI Pipes & Fittings	TATA, Zenith

19.22. LIST OF APPROVED BRAND/MAKE/MANUFACTURE FOR SANITARY ITEMS

PORCELAIN WARES	PARRYWARE/HSW
G.I. PIPES	TATA/GST/JINDAL
G.I. FITTINGS	'R' BRAND
P.V.C. PIPES	FINOLEX/SUPREME/TRUBORE
P.V.C.FITTINGS	PRINCE/INFRA/SUPREME
C.P.FITTINGS	METRO/ESSCO/JAQUAR
BALL VALVES	AUDCO/BDK/VALTEC
GATE VALVES	LEADER/NETA

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PLASTIC TANK	SINTEX/INFRA
FLUSHING CISTERN	COMMANDER/SLIM LINE
SEAT COVER	COMMANDER/PATEL
MIRROR	MODIGUARD/ASAHI
BUTTERFLY VALVES	AUDCO/BDK
S.W. PIPES	ANDHRA/DALMIA
C.I. PIPES	NECO/BIC
PUMPS	BEST/TEXMO
H.D.P.E. PIPES	MANIKYA/HASTI/PLASTICHEM

19.23. List of materials of approved brand / manufacturer as follows :

1	ALUMINIUM SECTION	JINDAL, TATA, SAIL, RINL
2	DOORS, WINDOWS, VENTILATORS	GODREJ, AJIT INDIA, ECA, ECIE, JUPITER AND METAL-BRITE, CORPN AND PARTITIONS. & ARCHITECTURES INCORPORATED
3	GLAZING	TRIVENI, HINDUSTAN, IHG, AND SHREE VALLABH.
4	GLAZING (FROSTED)	BRONZE.
5	FLOOR SPRINGS	EVERITE AND HARDWARE
6	HARDWARE FITTINGS	
a)	BRASS / COPPER MORTICE LOCK	GODREJ / ACME
b)	KNOB HANDLE	DIANA
c)	TOWER BOLTS - ALUMINIUM ANODISED	JYOTHI / ECIE
d)	DOOR CLOSER	EFFICIENT DC 2000 MODEL (BROWN ANODISED)

19.24. Approved Makes of Electrical Materials

Sl. No.	Item	Approved Makes
1	Copper Conductor FR/FRLS/PVC Wires, Telephone, Coaxial & LAN Cable	Polycab, Finolex, Havells
2	Coaxial Cable	Conscope, Delton, Finolex
3	MS Conduit	BEC, AKG, Steel Craft, Mahaveer Steel
4	MCB, DB, Industrial Sockets & Accessories	L&T (Hager), Legrand (Lexic), MG Multi-9
5	RCCB	L&T (Hager), Legrand (Lexic), MG Multi-9
6	Modular Switches, Sockets, Regulators etc.	Legrand (Mosaic), Schneider (Opale), MK (Wraparound)
7	Ceiling Fans	Orient, Usha, Crompton, Bajaj, Havells
8	Exhaust Fans	Almonard, Crompton, Usha, Havells

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9	Decorative Exhaust Fans	Nutek, Almonard, Crompton, Bajaj, Usha, Havells
10	Light Fixtures	Philips, Crompton, Bajaj, Wipro
11	Decorative Light Fixtures	Decon, Nova, Ankur, Artlite
12	PVC Conduit & Accessories	Polypack, AKG, BEC, Precision
13	MS & GI Pipe	Jindal (Hisar), Tata
14	Lamps	Osram, Philips, Crompton, Bajaj
15	Connectors/Terminals	Wago, Elemex, Phoenix
16	MS/FI Conduit Accessories	Sharma Sales Corp., Superior Sales Corp.
17	MS Raceways & Accessories	Steways, Bharti, MK
18	Telephone Tag Blocks	Krone, Pouyet
19	Metal Clad Socket Outlets with Boxes	L&T (Hager), Siemens, Legrand
20	Under Floor Junction Boxes & Cable Management System	MK, Legrand, L&T, Siemens, Clipsal Gerard
21	Distribution Boards	L&T, Siemens, Legrand
22	Waterproof Socket Outlets, Panel Equipments, Substation Equipments, Cables & O/H Line Materials	MK, Legrand, L&T, Siemens, Clipsal Gerard
23	APFC Relay	Beluk, L&T, ABB
24	Capacitors	L&T, Meher, Siemens (EPCOS)
25	Analogue Instruments	L&T, Rishabh, AE
26	Digital Energy Meter	Enercon, AE, L&T
27	LT Switchboards, DG Logic Panels, Capacitor Control Panels	Tricolite, L&T, Siemens, Advance Panel, ADLEC
28	Programmable Logic Controller (PLC)	Allen Bradley, Siemens
29	1.1 kV XLPE Armoured Aluminium Cable	NICCO, RPG, Universal, CCI, Fort Gloster, Diamond, Havells
30	33 kV XLPE Cable	NICCO, RPG, Universal
31	Main LT Panels, Bus Ducts, DG Panels, APFC Panels etc.	Tricolite, L&T, Schneider, GE Power, ABB, Siemens, Crompton, ADLEC
32	Air Circuit Breaker (ACB)	L&T, Siemens, Schneider, Crompton, ABB
33	MCCB	L&T, Siemens, Schneider, ABB, Crompton
34	Fuse Disconnectors / Switch Fuse Units	L&T, Siemens, GE Power
35	HRC Fuses	L&T, Siemens, GE Power
36	Ammeter & Voltmeter	AE, MECO, Universal, Rishabh, IMP
37	Selector Switch, Push Button Stations, Emergency Switches	Kaycee, L&T, GE Power, Siemens, BCH
38	LED Indication Lamps	AE, Easun, Kaycee, Siemens, Vaishnov, L&T
39	CTs & PTs	AE, Kappa, Universal, Kaycee, IMP, L&T, MECO, Gilbert & Maxwell
40	Starters	Siemens, L&T, Cutler Hammer, GE Power, ABB, Schneider
41	Single Phasing Preventer / Overload Protection Unit	L&T, GE Power, Siemens
42	Relays	L&T, Areva, ABB, Siemens
43	Contactors	L&T, GE Power, BCH, Siemens, ABB, Schneider
44	Cable Glands	Comet, HMI, Picco, Yenes, Rico
45	Cable Tray	Comet
46	Thimbles/Lugs	Dowells, Asiatic
47	Conductor	Racmann, Polycab, Rashtriya, Har Elec., Laxmi

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48	Oil Type Transformer	BHEL, Crompton, Areva, Bharat Bijlee, ABB
49	Dry Type Transformer	BHEL, Crompton, Voltamp
50	Distribution Transformer up to 250 kVA	BHEL, Crompton, Areva, Bharat Bijlee, Kanohar
51	HT Panel	Siemens, ABB, Areva, Crompton
52	Octagonal / Hexagonal GI Poles	Bajaj, BP Projects, Paruthi, Surya, Philips
53	Decorative Poles	Metal, Coats, Glomac
54	HT Jointing Kits	Raychem, CCI, Denson
55	LT Jointing Kits	M-Seal, Mahindra, Raychem, CCI, Denson
56	Pin/Disc Insulators	BHEL, Jayshree, WSI, Ovalum, Elpro
57	Street Light Luminaries	Bajaj, Philips, Crompton
58	TPN / Fuse Set	Relco, Rashtriya
59	PVC Pipe	Finolex, Supreme
60	Fire Extinguishers	Zenith, Minimax, Lifeguard, Newage
61	kWh, PF & Frequency Meter	AE, L&T, Secure, Conserve
62	Digital Meter / Multifunction Meter	Conserve, Secure, AE, L&T
63	LED Light Fixtures	Philips, Crompton, Bajaj
64	Complete High Mast	Philips, Crompton, Bajaj
65	Decorative Column Lights	Philips, Crompton, Bajaj, Yak Lighting, Orient, UP PWD Approved Equivalent

Note: The above makes are approved subject to their conformity with the technical specifications, relevant BIS/IEC standards and requirements of the Contract. The Contractor shall obtain prior approval of the Authority before procurement and installation of any material. Equivalent makes of equal or superior specifications may be permitted with the prior written approval of the Authority. The decision of the Authority in this regard shall be final and binding upon the Contractor.

END OF EPC TENDER DOCUMENT

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