



ODISHA POWER TRANSMISSION CORPORATION LTD.

INVITATION OF BIDS

FOR

ETCN-02

(02 nos of work in double cover system with E Reverse Auction.)

OFFICE OF THE SUPERINTENDING ENGINEER (CIVIL)
CIVIL WORKS CIRCLE, OPTCL, BHUBANESWAR

COVER - I

TECHNICAL BID DOCUMENTS

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OFFICE OF THE SUPERINTENDING ENGINEER, CIVIL WORKS CIRCLE, OPTCL, BHUBANESWAR.
PHONE - 0674 – 2545489
CONTRACT DATA

SE, CWC, OPTCL, BBSR.

A. GENERAL INFORMATION

e-T.C.N. No. **E-02 / 2026-27**

SI No	Item	Details
1.	Employer	Superintending Engineer (Civil), Civil Works Circle, OPTCL, BBSR.
2.	Employer's Representative	T.A to S.E(Civil),9438907267
3.	Accepting Authority	Tender Committee of OPTCL
4	STARTING DATE FOR BID DOWNLOAD AND SUBMISSION	03.08.2026 at 11.00 Hours.
	END DATE FOR BID DOWNLOAD AND SUBMISSION	17.08.2026 at 17.00 Hours.
	OPENING DATE	19.08.2026 at 11.00 Hours.
5	Cost of Bid Document	
	i. Bank Draft amount	(₹ 12000/- + 18% GST)
	ii. in favour of	Superintending Engineer,(Civil),Civil Works Circle, OPTCL Bhubaneswar
	iii. Payable at	Bhubaneswar
6	Bid Security/EMD	
	i. Amount	1% of estimated cost
	ii. Pledged in favour of	Superintending Engineer (Civil), Civil Works Circle , OPTCL, Bhubaneswar
	iii. Type of instrument	As specified in the Bid document
7	Bid validity period	90 (Ninety) days
8	Currency of Contract	Indian Rupees
9	Language of Contract	English

B. BID INFORMATION

Sl.	Name of the works	Approx. Value of the work(Rs)	Class of Contractor	EMD(1% of estimated cost put to tender)	Cost of document + GST(18%)	Period of completion in calendar months	Availability of bids online for bidders.
1	2	3	4	5	6	7	8
1	MODERNIZATION OF THE ERS STORAGE SHED AT OPTCL, MANCHESWAR (PROVIDING STRUCTURAL WORKS FOR HOUSING 50TON ELECTRICAL OVERHJED TRAVELLING CRANE, SUPPLYING SITC OF 20 TON EOT CRANE & RELATED ELECTRICAL WORKS ETC.)	Rs.8,28,82,666.65	A & Special Class	Rs. 8,28,900/-	Rs.12,000 + 18%GST	8 calendar Months	From 11.00 Hours of 03.08.2026 to 17.08.2026 up to 17.00 Hours
2	ADDITION OF TWO (02) 13-PASSENGER ELEVATORS AND DEVELOPMENT OF MEZZANINE FLOOR AREAS FOR OFFICE USE IN OPTCL TECH TOWER BUILDING, SAHEED NAGAR, BHUBANESWAR	Rs.5,73,81,050.36	A Class	Rs. 5,73,900/-	Rs.12,000 + 18% GST	4 calendar Months	From 11.00 Hours of 07.08.2026 to 17.08.2026 up to 17.00 Hours

Instruction to Bidders
For
E-procurement

(Relevant clauses in the DTCN/Bid document shall
be superseded)

A. GENERAL

1. NOTICE INVITING BID AND D.T.C.N. SHALL FORM THE BID DOCUMENTS :

1.1. The authority belonging to the major discipline is competent to invite tender of composite bids.

1.2. For composite tender, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to tender.

1.3. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules / amendments issued there under from time to time. If he fails to do so, it will be considered a breach of the contract and the Executive Engineer may in his discretion without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

1.4. The contractor shall be deemed to have satisfied himself as to the correctness and sufficiency of the Tender and of the rates and prices quoted in the Bill of Quantities, all of which shall, except in so far as it is otherwise provided in the Contract, cover all his obligations under the Contract (including those in respect of the supply of goods, materials, plant & services or of contingencies for which there is a Provisional Sum) and all matters and things necessary for the proper execution and completion of the work and the remedying of any defects therein.

1.5. The successful bidder shall complete the works by the intended completion date specified in the Contract data.

1.6. Throughout these bidding documents, the terms “ bid and tender” EMD and Bid Security and their derivatives (bidder / bidder, bidding / tendering, etc.) are synonymous.

1.7. In case the tender for composite work includes in addition to main Interior work / building civil work all other ancillary works such as sanitary and water supply installations, drainage installation, electrical work, etc. , the bidder apart from being a registered civil Contractor of appropriate class must associate himself with agencies of appropriate class those who is eligible to tender electrical, interior and horticulture works in the composite tender. Intending purchasers are not required to produce any documents viz. copy of Registration, Valid GST clearance certificate etc, at the time of purchase of tender documents but will be required for verification purpose in the later stage. Furnishing copy of such documents is mandatory along with the tender documents otherwise his/her bid shall be declared as non-responsive and thus liable for rejection. The Bidder is required to attend the officer inviting the bid for verification of original documents within four days of opening the bid.

1.8. PARTICIPATING IN THE BID IN THE E-PROCUREMENT PORTAL: The Contractor/Bidder intending to participate in the bid is required to register in the Portal with some information about the firm/Contractor. This is a one time activity for registering in Portal. Once the portal registration is accepted by the system administrator, system generates a password. During registration, the contractor has to attach a Digital Signature Certificate (DSC) to his / her unique user ID. The DSC used must be of appropriate class allowing both signing and encryption and must be issued from a registered Certifying Authority.

1.8.1.To log on to the portal the Contractor/Bidder is required to type his/her *username* and password. *The system will again ask to select you are the DSC holder and confirm it with the password for DSC.* For each login, a user's DSC will be validated against its date of validity and also against the Certificate Revocation List (CRL) of respective CAs stored in system database. The system checks the unique ID, password and DSC combination and authenticates the login process for use of portal.

1.8.2.The tender documents uploaded by the Tender Inviting Officer in the website <https://tendersodisha.gov.in> will appear in the section of "Upcoming Tender" before the due date of tender sale. Once the due date has arrived, the tender will move to "Active Tender" Section of the *homepage*. Only a small notification will be published in the newspaper specifying the work details along with mention of the specific website for details. The publication of the tender will be for specific period of time till the last date of submission of bids as mentioned in the 'Invitation for Bid' after which the same will be removed from the list of Active tenders. The bidder can view the tender terms and conditions in the web site.

1.8.3.Contractor exempted from payment of tender fees will be able to participate in the tender directly. The contractor has to up load documentary evidences towards his eligibility for exemption of tender fees.

1.8.4.If the application has the provision of payment of cost of tender document through payment gateways of *authorized* bankers by directly debiting the account of the bidders, bidders will be required to avail on-line payment.

1.9. The bidder intending to participate in the bid on-line shall prepare the demand draft towards cost of bid as per IFB (except for exempted contractors) and up load the scanned copy of the draft to the portal against the bid where he is participating and the original shall be deposited to the tender inviting officer with in the **period** specified in the "Invitation For Bid". If the Bidder fails to deposit the original demand draft towards cost of bid with in the stipulated time his bid shall be rejected and action as per prevailing rule shall be taken.

1.10. The site for the work shall be made available as mentioned under the Contract Data.

1.11. In the case of any failure, malfunction, or breakdown of the electronic system used during the e-procurement process, the tender inviting officer shall not accept any responsibility for failures or breakdowns other than in those systems strictly within their own control.

1.12. Any third party/company/person under a service contract for operation of e-procurement system in the State or his/their subsidiaries or their parent companies shall be ineligible to participate in the procurement processes that are undertaken through the e-procurement system irrespective of who operates the system.

2. ELIGIBLE BIDDERS:

2.1. This Bid is open to **all** Contractors of the class mentioned in the ***Invitation for Bids*** registered with the State Governments and Contractors of Equivalent Grade / Class Registered with Central Government / MES / Railways / PSU for execution of civil works. The Bidders are required to enclose the proof of registration from the registering authority along with the Bid subject only to the registration in the portal using his/her DSC for on-line bids. All bidders *shall* provide a statement that the bidder is neither associated, nor has been associated, directly or indirectly, with the Consultant or any other entity that has prepared the design, specifications, and other documents for the Project or being proposed as Project Manager for the Contract.

A firm that has been engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of the works, and any of its affiliates shall not be eligible to bid.

2.2. If the bidder has a relative employed as an Officer in the rank of an Assistant Engineer/Assistant Manager and above in the State Government of Odisha/OPTCL in the concerned Department, he shall inform the same in the bid mentioning the exact details in a covering letter along with the tender, failing which his bid will not be considered. Also if the fact of relationship subsequently comes to light, his contract will be rescinded. The bid security or the performance security will be forfeited and he shall be liable to make good any loss or damage resulting from such cancellation. In case the bidder has no relationship with any of the officers mentioned above he shall have to furnish with his bid a certificate.

2.3. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the concerned Department. Any breach of this condition by the contractor would render him liable for penal action for suppression of facts.

2.4. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha/OPTCL is allowed to work for contractor for a period of two years after his retirement from Government service, without prior permission of the Government of Odisha/OPTCL in writing. Such a contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of Odisha/OPTCL as aforesaid before submission of the tender for engagement in the contractor's service.

2.5. **Experience Criteria – The bidders should have successfully executed/completed at least a single similar nature of work, worth 80% of tender value or two numbers of similar nature of work, worth 50% of tender value of each work during the last five financial years.** The bidders failing to produce authenticated document in support of work experience from competent authority is liable for rejection. Experience certificate from any Private Organisation will not be entertained. Experience certificate furnished below the rank of Executive Engineer of Government Department/Public Sector Undertaking will not be accepted. The original agreement in support of experience certificate submitted by the bidder may be verified before opening of the financial bid.

2.6. The principles / rules introduced by works department, Govt of Odisha from time to time w.r.t civil works, tendering process will be strictly adhered where OPTCL rules remains silent.

3. PRE-QUALIFICATION CRITERIA:

3.1. For submission of Bids through the E-Procurement Portal, the bidder shall up load the scanned copy/copies of document listed under clause 3.2 in prescribed format wherever warranted in support of qualification information. The on line bidder shall have to produce the original documents in support of the scanned copies and statements uploaded in the portal on demand by the Employer prior to award of contract, failing which action as per relevant clauses shall be initiated. Bids from Joint ventures are not acceptable.

3.2. The bid shall include following information and documents.

- a. **Copy of valid contractor's registration certificate, PAN card, GST Certificate and registration,**
- b. **Copies of original documents defining the constitution or legal status, registration, written power of attorney of the signatory.**
- c. **Copies of relevant experience certificate.**
- d. **Should furnish filled schedule A to F and the Schedule F should be furnished in form of affidavit & original to be submitted.**
- e. **EPF and ESI certificate with last 03 month (May 2026 to July 2026) updated challan is mandatory for qualification.**

3.4 The Bidders are subject to be disqualified if they have:

- a. Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- b. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- c. Participated in the previous bidding for the same work and had quoted unreasonable prices and could not furnish rational justification to the Engineer-in-Charge.
- d. Indulged in unlawful & corrupt means in obtaining bids.
- e. Been black listed/suspended by the competent authority.

4. ONE BID PER BIDDER:

4.1. Each bidder shall submit only one bid for one package. A bidder who submits or participates in more than one Bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Bidder's participation to be disqualified. A bid is said to be complete if accompanied by cost of bid document and appropriate bid security. The system shall consider only the last bid submitted through the E-Procurement portal.

5. COST OF BIDDING:

- 5.1 The bidder shall bear all costs associated with the preparation and submission of his bid, and the Engineer-in-Charge will in no case be responsible and liable for those costs.
- 5.2 All the rates and prices in the bid shall cover all taxes, or any other local taxes, ferry, toll age charges and royalties and any other charges (except. GST).
- 5.3 The rate of royalties and taxes prevailing on the date of measurement shall be considered while making deductions in the bills.
- 5.4 The successful bidder shall make his own arrangement for all materials unless otherwise specified in the conditions of contract.

6. SITE VISIT:

6.1. Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A Bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

The Bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of work.

6.2. The bidder, in preparing the bid, shall rely on site Investigation Reports referred to in the Contract Data, supplemented by any information available to the bidder.

6.3. DELETED.

B. BIDDING DOCUMENTS

7. GENERAL INSTRUCTIONS:

7.1 The description of the work is as mentioned under Invitation for Bid.

7.2 The bids uploaded by the Tender Inviting Officer shall consist of general arrangements drawings or typical sections of the project. Bidder may download these drawings and take out the print for detail study. Any other drawings and documents pertaining to the works available with the officer inviting the Bid will be open for inspection by the bidders. The bidder is required to download all the documents including the drawings for preparation of his bid. It is not necessary for the part of the Bidder to upload the drawings or other Bid documents (after signing) while uploading his bid. He is required to upload documents related to his qualification information and Bill of Materials duly filled in. It is assumed that while participating in the bid, the bidder has referred all the drawings and documents uploaded by the Officer Inviting the Bid. Seeking any revision of rates or backing out of the bid claiming for not having referred to any or all documents provided in the Bid by the Officer Inviting the Bid will be construed as a plea to disrupt the bidding process and in such cases the bid security shall be forfeited.

7.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms, and technical specifications, bill of materials, forms, Annexes and drawings in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to Clause 25.4 hereof, bids, which are not substantially responsive to the requirements of the Bid Documents, shall be rejected.

8. CLARIFICATION OF BIDDING DOCUMENTS:

8.1. Bid documents consisting of drawings, plans, specifications, the schedule of quantities of the various items of work to be done and the set of terms & conditions of contract to be complied with by the contractor who intends to bid and other necessary Documents can be seen in the office of the officer inviting the Bid during office hours everyday except on Sundays & Public Holidays till last date of sale of tender paper.

8.2. **No paper copy of the bid shall be sold.**

9. AMENDMENT OF BIDDING DOCUMENTS:

9.1. Before the deadline for submission of bids, the officer inviting the Bid may modify the bidding documents by issuing addenda.

9.2. Any **addendum** thus issued shall be part of the bidding documents and shall be notified in the website <https://tendersodisha.gov.in> / notice board/ <https://optcl.co.in/> and through paper publication.

9.3. To give **prospective** bidders reasonable time in which to take an addendum into account in preparing their bids, the Officer inviting the Bid if also happens to be the Engineer-in-Charge with the permission of the higher authority may, at his discretion, extend as necessary the dead line for submission of bids.

C. PREPARATION OF BIDS

10. LANGUAGE OF THE BID:

10.1. All documents relating to the Bid shall be in the English language. Bids submitted in any other language shall be summarily rejected.

11. DOCUMENTS COMPRISING THE BID:

11.1. DELETED.

11.1.1. Following documents will be deemed to be part of the bid even if not submitted with the bid.

- (i) Invitation for Bids (IFB)
- (ii) Instructions to bidders(ITB)
- (iii) Conditions of Contract (As per P1 Agreement)
- (iv) Contract Data (As per Bid document)
- (v) Specifications (As per Bid document)
- (vi) Drawings

11.1.2. All the volumes/documents shall be provided in the portal by the Officer inviting the bid. The bidder shall carefully go through the document and prepare the required documents and up load the scanned documents to the portal in the designated locations of Technical Bid & Financial Bid. Submission of document shall be effected by using DSC of appropriate class and thus shall be in encrypted form.

A. Cost of “Bid document” & “EMD” shall comprise

- (i) Cost of Bid Document
- (ii) Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender.

B. “Technical Bid” shall comprise.

- (i) Qualification Information and supporting documents as per qualification criteria of DTCN.
- (ii) Certificates, undertakings, affidavits as per DTCN.

C. “Financial Bid” shall comprise.

- (i) Priced Bill of Quantities on percentage rate basis.

12. PROPOSAL BY THE BIDDER:

12.1. **In the E-Procurement Portal**, an intelligent Bill of Quantity in Microsoft Excel format shall be made available to the bidder.

12.2. **(Deleted)**

12.3. In case of **percentage** tender, the bidder will only fill in the designated cell and activate “less” or “excess” to indicate how much his price offer is excess or less than the estimated amount.

12.4. The **bidder** shall bid for the whole works as described in the Bill of Quantities.

12.5. Bidders **shall** submit offers that fully comply with the requirements of the bidding documents, including the Conditions of Contract basic technical design as indicated in the drawing and specification. **Conditional offer or alternative offers will not be considered** in the process of bid evaluation.

12.6. All duties, taxes (only excluding GST) and other levies payable by the contractor under the contract, or for any other **cause** shall be included in the rates, prices submitted by the bidder. Sales-tax, purchase tax, turnover tax or any other tax on material in respect of this contract shall be payable by the Contractor and Government/OPTCL will not entertain any claim whatsoever in respect of the same.

12.7. In the case of any bid where unit rate of any item/items appear unrealistic, such bid will be **considered** as unbalanced and in case the bidder is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.

12.8. **DELETED.**

12.9. **DELETED.**

12.10. **DELETED.**

12.11. **DELETED.**

12.12. **DELETED.**

12.13. The contractor shall be deemed to have satisfied himself as to the correctness and sufficiency of the Tender and of the rates and prices stated in the Bill of Quantities, all of which shall, except in so far as it is otherwise provide in the Contract, cover all his obligations under the Contract (including those in respect of the supply of goods, materials, plant & services or of contingencies for which there is a **Provisional** Sum) and all matters and things necessary for the proper execution and completion of the work and the remedying of any defects therein.

12.14. The **contractor shall** conform in all respects, by giving all notices and paying all fees, with the provisions of:

- (i) Any national or State Statue, Ordinance, or other Law, or any regulation, or bye-law of any local or other duly constituted authority in relation to the execution and completion of the works and remedying of any defects therein, and
- (ii) The rules and regulations of all public bodies and companies whose property rights are affected or may be affected in any way by the works.

13. CURRENCIES OF BID AND PAYMENT:

13.1 The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees.

14. VALIDITY:

14.1. Bids shall remain valid for a period not less than **90 days** or the period mentioned in the Contract Data, after the deadline date for submission of bid as specified in the notice inviting the Bid. A Bid valid for a shorter period shall be rejected by the Engineer-in-charge as non-responsive.

14.2. In exceptional circumstances, prior to expiry of the original time limit, the Officer inviting the Bid may request the bidders to extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable or by e-mail. A bidder may refuse the request without any risk of forfeiture of his bid security.

14.3. A bidder agreeing to the request will not be required or permitted to modify his bid but will be required to extend the validity of his bid security for the period of the extension.

15. BID SECURITY:

15.1 Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender.

16. FORMAT AND SIGNING OF BID:

16.1. The bidder can download the tender of his choice and save it in his system and undertake the necessary preparatory work off-line and upload the completed tender at his convenience within the final date and time of submission. The bidder shall only submit single copy of the required documents and Price Bid in the portal. In the Financial bid, the bidder can not leave any figure blank. He has to only write the figures, the words will be self generated. The Bidders are advised to up-load the completed Bid Document well ahead of the last date & time of receipt to avoid any last moment problem of power failures etc.

16.2. The Bidder shall go through the Bid carefully and list the documents those are asked for submission. He shall prepare all documents including cost of Bid Document, Bid Security, Declaration form, price bid etc and store in the system.

16.3. The bidder shall log on to the portal with his DSC and move to the desired tender for up loading the documents in appropriate place one by one simultaneously checking the documents. Once the Bidder makes sure that all the documents have been up-loaded in appropriate place he clicks the submit button to submit the bid to the portal

16.3.1. The bids once submitted can not be retrieved or corrected. Tender cannot be pre-opened and cannot be submitted after due date and time. Therefore only after satisfying that all the documents have been uploaded, the Bidder should activate submit button.

16.3.2. In the e-procurement process each processes are time stamped. The system can identify each individual who has entered in to the portal for any bid and the time of entering in to the portal.

16.3.3. The Bidder should ensure clarity of the document up loaded by him to the portal especially the scanned documents by taking out sample printing. Non-submission of legible documents may render the bid non-responsive. However, the Officer inviting the Bid if so desires can ask for legible copies or original copies for verification with in a stipulated period provided such document in no way alters the Bidder's price bid. If the Bidder fails to submit the original documents with in the stipulated date, his bid security shall be forfeited.

SUBMISSION OF BIDS

17. SECURITY OF BID SUBMISSION:

17.1. All bid data uploaded by the Bidder to the portal will be encrypted by the DSC of the Contractor and DSC(s) of the opener(s). The system shall require all the mandatory forms and fields filled up by the contractor during the process of submission of the bid/tender.

17.2. The Bid shall be received in encrypted format by the system which can only be decrypted / opened by the authorized openers only on or after the due date and time.

18. DEADLINE FOR SUBMISSION OF THE BIDS :

18.1. The online bidding will remain active till the last date and time of the bid submission. Once the date and time (Server date and time) is over, the bidder will not be able to submit the bid. The date & time of bid submission shall remain unaltered even if the specified date for the submission of bids declared a holiday for the Officer inviting the Bid.

18.2. The officer inviting the bid may extend the deadline for submission of bids by issuing an amendment in accordance with Sub-Clause 9.3, in which case all rights and obligations of the officer inviting the bid & Engineer-in-Charge and the bidders previously subject to the original deadline will then be subject to the new deadline.

19. LATE BIDS :

19.1. In case of submission of Bids through the E-Procurement Portal, the system shall reject submission of any bid through portal after closure of the receipt time. For all purpose the server time displayed in the e-procurement portal shall be the time to be followed by the bidder and concerned officers.

20. MODIFICATION AND WITHDRAWAL OF BIDS :

20.1. In the E-Procurement Portal, it is allowed to modify the bid number of times after necessary modification, before the final date and time of submission. The bidder shall have to log on to the system and resubmit the documents as asked for by the system including the price bid. In doing so, the bids already submitted by the bidder will be removed automatically from the system and the latest bid only will be admitted. But the bidder should avoid modification of bid at the last moment to avoid system failure or malfunction of internet or traffic jam. If the bidder fails to submit his modified bids within the designated time of receipt, the bid already in the system shall be taken for evaluation.

20.2. In the E-Procurement Portal, withdrawal of bid is allowed. But in such case he has to write a letter addressed to the Officer inviting the bid and upload the scanned document to portal in the respective bid before the closure of receipt of the bid. The system shall not allow any withdrawal after expiry of the closure time of the bid.

1. OPENING AND EVALUATION

21. OPENING OF THE BID:

21.1. Bid opening dates are specified during tender creation or can be extended vide corrigendum. These dates are made visible to the Bidders in the IFB as well as in the tender document. Bid opening can be done by the authorized users which are defined during the tender publication / approval stage. The bids are encrypted using their public keys and can be decrypted only on or after the Bid Opening due date. The bid openers' private key will be required to open the bids and all the openers have to log on to the portal during that time.

21.1.1. The bidders who participated in the on line bidding can witness opening of the bid from any system logging on to the portal with the DSC away from opening place. Contractors are not required to be present during the bid opening at the opening location.

21.1.2. Each activity is date and time stamped with user details. For time stamping, server time is taken as the reference.

21.2. In the event of the specified date of bid opening being declared a holiday for the Officer inviting the Bid/Engineer-in-Charge, the bids will be opened at the appointed time on the next working day.

21.3. In case bids are invited for more than one package, the order for opening of the "Bid" shall be that in which they appear in the "Invitation for Bid".

21.4. During bid opening, the covers containing original demand draft towards Cost of bid in the form specified in the Invitation for Bid, received after last date of receipt of bid and before opening of the bids shall be opened and declared. The original copy of the Bid Security in the form, amount and period of validity in conformity with clause 15 shall be checked and announced. The list of bidders who have submitted the original copy of the cost of Bid and Bid Security shall be prepared and announced.

21.4.1. Combined bid security for more than one work is not acceptable. If the bid security furnished does not conform to the amount and validity period as specified in clause 15 and has not been furnished in the form specified in Clause 15, the bid will be declared non-responsive and rejected.

21.5. The Bid openers; who have been pre-defined shall log on to the portal with their respective DSC. Unless all the Officers who have been declared as Opening officers, log on the portal with their DSC the Tender can not be opened.

21.5.1. The Opening Officers will systematically check the scanned demand draft towards cost of the bid document and the scanned document of Bid security with that of the original submitted. If found in order, they will continue opening of all other documents in the system provided under Technical Bid.

21.5.2. Subject to confirmation of the bid security by the issuing institutions, the bids accompanied with appropriate bid cost and valid bid security will be taken up for evaluation with respect to the qualification Information and other information furnished in Part - I pursuant to Clause

21.5.3. After receipt of confirmation of the bid security, the bidder will be asked in writing (usually within 10 days of opening of the Technical Bid) to clarify or modify his technical bid, if necessary, with respect to any rectifiable defects. But on account of such modification, there should not be any change in "Financial Bid".

21.5.4. The bidders will respond in not more than 3 days of issue of the clarification letter, which will also indicate the date, time and venue of opening of the Financial Bid (usually on the 21st day of opening of the Technical bid)

21.5.5. Immediately (usually within 3 or 4 days), on receipt of these clarifications, the Evaluating Officers; predefined in the system for the bid, will finalize the list of responsive bidders. They will log on to the site with their DSC and record their comments on the Technical evaluation page in the system. The Officer Inviting the Bid if also the accepting authority shall log on to the system with his digital signature and check the technical evaluation. He can either accept or pass on to the evaluating officers for re-evaluation. Upon acceptance of technical evaluation by the Accepting authority in the system, the system shall automatically generate letter to all the responsive bidders and the system shall forward the letter to all the responsive bidder that their technical bid has been evaluated responsive with respect to the data/information furnished by him and the letter shall also intimate him the date & time of opening of financial bid. The system shall also inform the non-responsive bidders in their e-mail ID that their bid has been found non-responsive.

21.6. The Technical evaluation of all the bids will be taken up as per the information furnished by the Bidders. But evaluation of the bid does not exonerate the bidders from checking their original documents and if at a later date the bidder is found to have misled the evaluation through wrong information, action as per clause no 30 shall be taken against the bidder/contractor.

21.7. After **technical** evaluation of the bidders and selection of the qualified bidders, the financial bids of the technically qualified bidders shall be opened on the due date of opening. Members of the bid opening committee log on to the system in sequence and open the financial bids for the technically qualified bidders. The opening of financial bid by the opening officer using their DSC shall decrypt the financial bids.

21.7.1. Opening of price bid and evaluation of lowest bidder is subject to satisfaction of other qualification information asked for in the bid pursuant to Clause-3.

21.7.2. The Officer inviting Bid shall ensure that all the Bidders are individually intimated about the date, time & venue of opening of the financial bid along with the responsiveness of the Technical Bid.

21.7.3. The Financial Bid will be opened on the notified date & time in the presence of bidders or their authorised representative who wish to be present.

21.7.4. At the time of opening of "Financial Bid", the names of the bidders whose bids were found responsive in accordance with Sub-Clause 24.1 will be announced. The bids of only those bidders will be opened. The remaining bids will be rejected.

21.7.5. The responsive bidders' names, the bid prices, the item wise rates the total amount of each item, any discounts and withdrawals, and such other details as the officer inviting the tender may consider appropriate, will be announced by him or his authorized representatives at the opening.

21.7.6. Special conditions and/or rebate/discount offer if any uploaded to the system shall be declared and recorded first.

21.7.7. The financial bid of the bidders shall be opened one by one by the designated officer. The system shall auto-generate the Comparative Statement.

21.7.8. The Bidder can witness the principal activities and view the documents /summary reports for that particular work by logging on to the portal with his DSC from any where.

22. PROCESS TO BE CONFIDENTIAL:

22.1. **Information** relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any effort by a bidder to influence the officer inviting the bid, processing of bids or award decisions may result in the rejection of his bid.

23. CLARIFICATION OF BIDS:

23.1 To assist in the examination, evaluation, and comparison of bids, the officer inviting the bid may, at his discretion, ask any bidder for clarification of his rates including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable or by e-mail, but no change in the bid price or substance of the bid shall be sought, offered.

23.2 Subject to sub-clause 23.1, no bidder shall contact the officer inviting the bid on any matter relating to his bid from the time of the opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the officer inviting the bid, it should do so in writing.

24. EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS:

24.1. **During** the detailed evaluation of “Bids”, the officer inviting the bid will determine whether each bid:-

- a. Whether the Bid security is confirmed by issuing institution/bank.
- b. Has submitted legible documents for evaluation
- c. Meets the qualification criteria defined in *Clause 3* and;
- d. Is substantially responsive to the requirements of the bidding documents.

24.2. During the detailed evaluation of the “Financial Bid”, the responsiveness of the bids will be further **determined** with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications and drawings.

24.3. A **substantially** responsive “Financial Bids” is one, which conforms to all the terms, conditions, and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one

24.4. (a) Which affects in any substantial way the scope, quality, or performance of the works.

(b) Which limits in any substantial way, inconsistent with the bidding documents, the right of the officer inviting the bid or the bidder’s obligations under the contract or

(c) Whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

24.5. If a “**Financial Bid**” is not substantially responsive, it will be rejected by the officer inviting the bid, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

24.6. All the agreement rates shall be firm rates and there shall be no escalation of the rates.

24.7. On opening of the price bid the system shall arrange the financial bids in order of their value (L1 first, followed by L2, L3) for subsequent evaluation. The evaluation status (Sheet) will be visible to all the

participating bidders after opening on their respective logins. Each activity is recorded in the system with date and time stamping.

25. E-REVERSE AUCTION.

- (A) Based on “Evaluated Bid Price” determined, the Bids shall be ranked in ascending order as L1, L2, L3
----- Ln,
- (B) The Indicative Estimated Cost for e-RA for the package(s) is as indicated in Notice .
- (C) **The e-RA shall be conducted, if the variation of lowest evaluated bidder’s price (L1) is more than +5% (+five percent) of the Indicative Estimated Cost put to tender.**
- (D) The Applicable Ceiling Price for e-RA for bidders shall be their “Evaluated Bid Price” determined in accordance with clauses of DTCN. During e-RA, the bidders shortlisted for participation in e-RA shall be permitted to place their prices lower than their Applicable Ceiling Price.
- (E) The e-RA shall be conducted on a designated electronic platform of any Application Service Provider (hereinafter referred to as “ASP”), for and on behalf of the Employer.
- (F) The ASP, as and when authorized by the Employer, will intimate the bidders regarding the details of electronic platform, procedure/ modality of e-RA process and other details, prior to e- RA.
- (G) Notwithstanding above, the bidder(s) who either do not submit the requisite compliances for e- RA or do not participate in e-RA, their original price bid as opened, if valid, shall be considered for evaluation.
- (H) Notwithstanding the e-RA conducted as aforesaid, OPTCL reserves the right to hold negotiations with the bidder with lowest evaluated price after e-RA (L1 bidder).
- (I) The Employer shall be the sole judge in this regard.
- (J) **Procedure for Reverse Auction (e-Reverse Auction (e-RA) shall be resorted to as follows: -**

STRATEGY FOR E-REVERSE AUCTION	
1	Bidders are required to go through the guide lines given below and submit their acceptance to the same.
2	e-Reverse Auction (RA) will be conducted in e-tender portal of OPTCL on specified date and time, while bidders shall quote from their own offices/places of their choice. Internet connectivity shall be ensured by the respective agencies/bidders themselves.
3	KEONICS (Application Service Provider) shall arrange for demonstration/ training (if not trained earlier) of bidder’s nominated person(s), to explain all the rules related to e-Reverse Auction/ Business Rule document to be adopted.
4	The strategy to be used for reverse auction shall be “DYNAMIC TEMPLATE BIDDING”
Procedure for electronic Reverse Auctioning (e-RA):	

5	a. The e-RA shall be conducted on www.tenderwizard.com/OPTCL only. b. Bidder has to submit letter towards agreement to the Process related Terms & Conditions for e-Reverse Auction, as per (Reverse Auction Process Compliance Form-Attachment-20). In non-receipt of the same, vendors will not be allowed to participate in e-RA. c. e-RA shall be carried out after opening of Price bids and completion of Price bid evaluation, which will be intimated only to the techno-commercially qualified bidders by OPTCL as per procedure given below. d. OPTCL reserves the right to conduct e-RA and it is obligatory on part of bidder(s) invited to participate in e-RA process once they have responded to the techno-commercial bid.
6	Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date & time of opening of the e-RA. The start bid price (SBP) for e-Reverse Auction of each bidder under a particular package shall be the L1 evaluated price for the subject package including Taxes & Duties for the total scope for subject Package. Taking the above discovered L1 price as the upper limit e-RA will be conducted to determine the lowest possible price. Reverse Auction will be conducted amongst first 50% of the technically qualified bidders arranged in order of prices from lowest to highest, as L1, L2, L3 -----Ln, and L1 price will be discovered. Minimum of 3 bidders shall be eligible for e RA. (e.g. If 4 bidders are financially evaluated then the L1, L2 and L3 bidders shall be eligible for e-RA). Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L1 to L4). However, in case only two bidders are found to be responsive, e-RA would be carried out with both the parties without any elimination. However, OPTCL reserves the right to invite the evaluated L1 bidder for negotiation without conducting the e-RA. In case of price submitted by any bidder is found to be abnormal, OPTCL reserves the right to reject the bid of the bidder(s). Rank of bidders would be displayed as per the total cost to OPTCL, i.e including Taxes and Duties payable by OPTCL as per the provisions of the bidding document & after e-RA process is over.
7	Names of bidders/ vendors shall not be disclosed during the e-RA process. Names of bidders/ vendors shall be anonymously masked in the e-RA process. In case of RA, start/ reference price and step value of decrement shall be indicated to the bidders at the start of the auction. Any participating bidder can bid one or multiple step decrement lower than the prevailing lowest bid at that time. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value, last Bid Placed by him and

	time left for bidding. The step value of decrement in a package to be offered by bidder (the minimum amount of reduction in the total bid price including all taxes & duties during auction), shall be kept at 0.15% of L1 bidder's final evaluated price which will be rounded to nearest rupees (or) at approved amount as decided by OPTCL. Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible. At any point during Reverse Auction, bidding Price field shall remain enabled for the bidders. The reverse auction period shall be unlimited and the initial auction period (1st slot) will be of thirty (30) minutes with provision of auto extension by (10) ten minutes from the schedule/ extended closing time. If any fresh lower bid is received in last ten minutes of initial auction period or extended auction period, the auction shall get extended automatically for another 10 minutes. In case, there is no bid received during schedule/extended slot, the auction shall get closed automatically without further extension. (v) However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the period of e-reverse auction to avoid complication related with internet connectivity, network problem, system crash down, power failure etc.
8	After conclusion of e-Reverse Auction i.e. (Closing Price in Reverse Auction will be taken as offered price by the L1 bidder), decrease in price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedule of the successful L1 bidder. Any bid received at the tender wizard server end subsequent to closure of the e-RA shall be summarily rejected and shall not be considered as a valid bid under whatsoever circumstances. For this purpose, tender wizard server log shall prevail. The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders. During Reverse Auction, If no bid is received within the specified time, OPTCL, at its discretion, may decide to close the reverse auction process/ proceed with conventional mode of tendering [Evaluation of Part-II (price bid) submitted by bidders earlier].
9	Consequent upon completion of e-Reverse Auction, OPTCL's decision on award of contract shall be final and binding on the bidders. OPTCL shall be at liberty to call the L1 bidder for further process/ negotiation and also at liberty to cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof. OPTCL can decide to reschedule or cancel any reverse auction: the bidders shall be informed accordingly. OPTCL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the e-Tender site/ Reverse Auction link irrespective of the cause.

AWARD OF CONTRACT

26. AWARD CRITERIA:

- 26.1. **The officer inviting the bid will award the contract** to the bidder whose bid has been determined to be substantially responsive to the bidding documents and who has offered the lowest evaluated price.
- 26.2. On acceptance of the tender, the Contractor shall name in writing his accredited representative(s) who would be responsible for taking instructions from the Engineer-in-Charge.
- 26.3. Competent Authority on behalf of Odisha Power Transmission Corporation Limited reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

27. OPTIONS IF THE BIDDER BACKS OUT FROM BIDDING PROCESS :

- 27.1 In case the 1st lowest Bidder or even the next lowest Bidder withdraw in series one by one, thereby facilitating a particular Bidder for award, then they shall be penalised with adequate disincentives with suspension for a time period of 1 year. Appropriate action for blacklisting the bidder shall also be taken apart from disincentivising the bidder.
- 27.2 The bidding process shall be deemed to be complete till the date of issue of letter of acceptance. If the bidder fails to sign the agreement within the stipulated period mentioned, his bid security shall stand forfeited.

28. RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS :

- 28.1 The competent authority on behalf of the Odisha Power Transmission Corporation Limited does not bind him to accept the lowest or any other tender and reserves to him the authority to reject any or all the tenders received without assigning any reason.
- 28.2 All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

29. NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT:

- 29.1. In the E-Procurement Portal, the system shall generate the template of award letter and the Officer Inviting the Bid shall mention the amount of Performance Security and additional security required to be furnished in the letter and intimate the bidders in his e-mail ID. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
- 29.2. The bidder shall within 15 days of issue of letter of acceptance, furnish the Performance security & additional Performance security (if any) in the prescribed form & the work programme & shall sign the agreement in prescribed format, failing which the Engineer-in-Charge shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the Bid Security absolutely. The agreement will incorporate all agreements between the officer inviting the bid and the successful bidder.
- 29.2.1 Following documents shall form part of the agreement.
- a. The notice inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance

thereof together with any correspondence & documents leading thereto & required amount of performance security including additional performance security as per sub clause 29.2 hereof.

b. Standard Bid Document P.W.D. Form **P1**

29.3. The letter to proceed with the work shall be issued by Engineer-in-charge only after signing of the agreement. The notification of award will constitute the formation of the contract subject only to the furnishing of performance security and additional performance security in accordance with the provisions of the agreement.

29.4. On acceptance of the composite bids by the competent authority the letter of award will be issued by the Engineer-in-Charge of the major component **of the work** on behalf of the Governor of Odisha/OPTCL making it clear in the letter of award that the contractor will have to execute separate agreements for different components of work with the concerned officers of the respective discipline (Designation to be given).

29.5. Upon signing of the agreement by the successful bidder, the Engineer-in-Charge will promptly notify the other bidders that their bids have been unsuccessful.

30. CORRUPT OR FRAUDULENT PRACTICES:

30.1. The Engineer-in-Charge will reject a proposal for award if he determines that the bidder recommended for award has been engaged in corrupt or fraudulent practices in competing for the contract in question. He will report to the Officer Inviting Bid / next higher authority.

30.2. Furthermore, bidders shall be aware of the provision stated in Clause 47 & 48 of the Conditions of Contract.

30.3. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

SECTION 2

(QUALIFICATION INFORMATION)

QUALIFICATION INFORMATION

The information to be filled in by the bidder in the following pages will be used for purposes of post qualification as provided for in *Clause 3* of the Instruction to Bidders. This information will not be incorporated in the Contract.

1. FOR INDIVIDUAL BIDDERS:

1.1. Constitution or legal status of bidder

[Attach copy]

Place of registration:

Principal place of business:

Power of attorney of signatory:

[Attach]

2. Qualification Requirement as for relevant clauses of DTCN attach here with should be fulfilled.

SAMPLE FORMATS

UNDER TAKING

This is to certify that

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.
3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha/OPTCL or other gazetted officer retired from Government/OPTCL service during last two years without prior permission of the Government of Odisha/OPTCL in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Orissa/OPTCL as aforesaid.

CONTRACTOR

Note: i. Strike out whichever is not applicable

- ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

UNDER TAKING

This is to certify that, I have no relatives employed as Officer in the rank of an Assistant Engineer / Assistant Manager under the _____ Department on the date of my submission of bid.

CONTRACTOR

RELATIONSHIP DECLARATION

To,

The Tender Inviting Officer,

Subject: (Name of the Work)

Reference: (Bid reference number)

Sir,

Pursuant to clause 2.2 of the ITB, it is to inform that I have relative(s) employed as an Officer in the rank of an Assistant Engineer/Asstt.Manager under the _____ Department. His (Their) details are as follows.

Relationship:

Name:

Designation

Office

Address

Pursuant to clause 2.3 of the ITB, I am to submit herewith the names of persons who are working under my firm having near relatives to any gazetted officer in the rank of an Assistant Engineer/Assistant Manager in the _____ Department.

Sl no	Name of the my employee and his designation in the firm	Presently working at	Details of his relatives working in the Department
			Relationship Name: Designation Office Address
			Relationship Name: Designation Office Address

I am also duty bound to inform the relationship of any subsequent employment with any gazetted officer in the rank of an Assistant Engineer/Assistant Manager in the _____ Department. **I am aware that** any breach of this condition would render my firm liable for penal action for suppression of facts.

Yours Sincerely

CONTRACTOR

CHECK LIST TO BE FILLED UP BY THE BIDDER

Sl. No	Particulars	Reference to Clause no.	Whether furnished		Reference to Page no.
			Yes	No	
01.	Cost of tender paper (As Per NIT)	D.T.C.N Clause			
02.	Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender (As per NIT)	D.T.C.N Clause			
03.	Scanned copy of valid Registration Certificate	D.T.C.N Clause			
04.	Scanned copy of valid GSTIN	D.T.C.N Clause			
05.	Scanned copy of PAN Card	D.T.C.N Clause			
06	No Relationship Certificate in Schedule – A	D.T.C.N Clause			
07	Employment of graduate/diploma engineer in Schedule-B(For A, Special & Super Class Contractor)				
A	Qualification Certificate of employed person				
08	Works Experience -				
(A)	List of projects executed that are similar in nature to the work (Schedule-D1) Certificate of work completion from not below the rank of EE (One-80% or Two-50%)	Schedule D1&D2 in DTCN			
(B)	Works in hand-List of projects in progress that are similar in nature to the work (Schedule-D2) The statement showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer-in-charge not below the rank of an Executive Engineer.				
09 (A)	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the bidder (Schedule-E)	Schedule-E in DTCN			
(B)	Affidavit (Schedule-F)	D.T.C.N Clause			
10	EPF and ESI certificate with last 03 month updated challan (May 2026 to July 2026) (Mandatory document in order to be qualified)				
11	Duly signed on company letter head, E-Reverse Auction Compliance Form.				

DETAILED TENDER CALL NOTICE FOR CIVIL WORKS

**OFFICE OF THE SUPERINTENDING ENGINEER,
CIVIL WORKS CIRCLE, OPTCL, BHUBANESWAR.
DETAILED TENDER CALL NOTICE FOR CIVIL WORKS**

Sealed percentage rate bids are invited on “online” in **double cover system with e-Reverse Auction** from eligible Super Class / Special Class contractors registered with the State Government and contractors of equivalent Grade / Class registered with Central Government / MES / Railways or other Licensing Authorities for execution of civil works on production of definite proof from the appropriate authority in prescribed form to be eventually drawn up in P.W.D. FORM P1 for the works

- a) This tender is of composite nature and consisting of Civil works & PH works.
- b) This detailed Tender Call Notice along with the clauses mentioned herein shall form a part of the contract and agreement.

PURCHASE OF BID DOCUMENTS

1. The Bid documents shall be available “online” from official Website of OPTCL i.e. <http://optcl.co.in> and Government i.e. <https://www.tendersodisha.gov.in> from 11.00 hours on 03.08.2026 to 17.00 hours on 17.08.2026

2. The Bid documents as described at Clause-2 above may be purchased against non-transferable demand drafts towards bids cost and **18% GST** separately for each bid, issued from any Scheduled Nationalised Bank, prepared in the name of the **Superintending Engineer, Civil Works Circle, OPTCL, Bhubaneswar**, payable at **Bhubaneswar**. The two separate Demand Drafts as mentioned above should have been prepared on or before the last date of receipt of the Bid i.e. **Dt. 17.08.2026**. And, the scanned copies of the above two drafts should be submitted along with the other bid documents.

3. The Bid comprising of documents must be delivered online by the bidder by **17.00 Hours on 17.08.2026**. The tender is to be submitted online is to contain scanned version of Bid cost as described in Clause-3 above, attested copy of Registration Certificate, scanned version of T&P and Machineries, PAN card, valid GST certificates duly filled-in and Price bid containing bill of quantities duly filled in & signed by the bidder.

3.1 The bidders should have successfully executed at least a single similar nature of work, worth 80% of tender value or two numbers of similar nature of work, worth 50% of tender value of each work during the last five financial years. Any other documents required as per the relevant clauses of this **DTCN and special conditions** if any.

5. The Technical Bid documents (**Cover-I**) will be opened by the assigned officer in the office of Super in Tending Engineer, CWC, OPTCL, Bhubaneswar at **11.00 Hours on dt. 19.08.2026** in the presence of the bidders or their authorized representatives who wish to attend. After evaluation of the documents contained in Cover-I, the Cover-II containing price bid/s of the technically responsive bidder/s will be opened. The date, time and place of opening the price bid will be intimated to the eligible qualified bidders through system generated E-mails.

6. The cost of Bid documents and EMD and affidavit is to be submitted in original before **17:00hrs of dt. 18.08.2026** in the Office of the S E, Civil works Circle, OPTCL, Bhubaneswar.

7. The bid is to be submitted in two covers.

i) **Cover-I** is to contain scanned copy of Contractor Registration Certificate, GST Registration Certificate, GSTIN, PAN, List of similar nature of works, affidavit, and all other documents required as per the relevant clauses of Bid document. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GSTIN as they have not started any business in the state and they have no liability under the Act. But before award of final contract, such bidders will have to produce the Odisha GSTIN.

ii) **Cover-II** is to contain the **PRICE BID** duly filled in and signed by the bidder .

8. Furnishing scanned legible copy of Original Contractor Registration certificate, valid GSTIN, PAN card along with the Technical Bid is mandatory otherwise his/ her bid shall be declared as non-responsive and thus liable for rejection. E-Reverse Auction (if applicable) shall be held on www.tenderwizard.com/OPTCL amongst the technically qualified bidders who will be invited as per the terms.

9. (i) **The contract will be drawn in P.W.D. P-1 contract form. The contract shall be drawn & signed by The Tender inviting authority on behalf of OPTCL.**

(ii) The Civil items of works as per Part-I of Schedule of quantities, and P.H. items of works (both internal & external) as per Part-III of the Scheduled of quantities of the Agreement shall be supervised measured and check measured by the Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar. Similarly Electrical items of works (both internal & external) as per part-II of Schedules of quantities, Air Conditioning items of works (both internal & external) as per part-v of Schedules of quantities of the Agreement shall be supervised measured and check measured by Senior General Manager (Stores and services Circle), OPTCL, Bhubaneswar. However, Fire safety items of works as per Part-IV of Schedule of quantities of the Agreement shall be supervised measured and check measured by the Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar and Senior General Manager (Stores and services Circle), OPTCL, Bhubaneswar jointly. In the interest of expeditious execution of work, payment of interim bills (Running A/c bills) shall be made by the Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar and nil final bill shall be sent to the Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar for final adjustment and compilation of accounts.

The Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar and other officers deputed concerned shall be responsible for proper and timely execution of their respective items of works and implementation of the terms and condition of the contract. The contractor shall be bound to receive and act as well according to the direction of Executive Engineer, Civil Works Division no-1, OPTCL, Bhubaneswar and officers concerned. The contractor has to arrange all necessary statutory clearance like Pollution Control Board, Fire, Chief Electrical Inspector, BMC, PHE authority, Director Factory and boilers, Safety and Quality audit from respective Govt Bodies, Labour, PF, ESI etc at his own cost and risk for occupancy of building. No extra payment shall be paid for these works, where contractor shall provide drawings, which shall be duly approved by OPTCL and statutory authorities.

11. If an individual makes the application, the individual should sign (with DSC) above his full type written name and current address.

12. If the application is made by proprietary firm, it shall be signed (with DSC) by the proprietor & furnish full type written name and the full name of his firm with its current address in a forwarding letter.

13. If the application is made by a firm in partnership, it shall be signed (with DSC) by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed and current address of all partners of the firm shall also accompany the application.

14. If the application is made by a limited company or a corporation, it shall be signed (with DSC) by a duly authorized person holding power of attorney for signing the application in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation will be required to furnish satisfactory evidence of its existence along with the technical bid.

15. The tender should be strictly in accordance with the provisions as mentioned in the tender schedule. Any change in the wordings will not be accepted.

16. The work is to be completed in all respects within the time prescribed in calendar months from the date of issue of work order. Before acceptance of tender, the successful bidder will be required to submit a work program and milestone based upon the financial achievement so as to complete the work within the stipulated time and in case of failure on the part of the agency to achieve the milestone liquidated damage will be imposed

17. All tenders received will remain valid for a period of **90 days** from the last date prescribed for receipt of tenders and validity of tenders can also be extended if agreed by the tenderers and the Department.

18. The tenderer shall carefully study the tentative drawings and specifications applicable to the contract and all the documents, which will form a part of the agreement to be entered in to, by the accepted tenderer and

detailed specifications for Odisha, and other relevant specifications and drawings, which are available. Complaint at a future date that the tenderers have not seen plans and specifications cannot be entertained.

19. The drawings furnished with the tender are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rates quoted by the tenderer will hold good in case of such modification of drawings during the time of execution and shall in no way invalidate the contract and no extra monetary compensation will be entertained. The work shall however be executed as per final approved drawing to be issued by the Engineer-in-Charge as and when required.

20. By admission of a tender for the work, a tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work, about the quality and availability of the required quantity of material including the wheat/ rice referred to above, medical aid, labour and food stuff etc., and that rates quoted by him in the tender will be adequate to complete the work according to the specifications attached there to and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted rates including labour and materials with taxes, octroi, other duties, lead, lifts, loading and unloading, freight for all materials and all other charges necessary for the completion of the work, to the entire satisfaction of the Engineer-in Charge of the work and his authorized subordinates. After acceptance of the contract rate Government will not pay any extra charges for any reason in case the contractor claims later on to have misjudged as regard availability of materials, labour and other factors.

For the purpose of estimate, the approved quarry lead is to be provided judiciously. Engineers in charge would be responsible for ensuring the quality of the materials supplied. The contractors would, however, be responsible for procurement of material from authorized sources and voluntarily disclose the source of procurement for the purpose of billing. Besides, the bidder would be required to submit the details of quarry for procurement while submitting the bids.

20. Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender.

21. The tender should be accompanied with the *Scanned copies of the valid Contractor Registration certificate, GST Registration Certificate, GSTIN and PAN card, cost of bid document, EMD* which are mandatory, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GSTIN as they have not started any business in the Odisha State and they have no liability under the Act. But before award of final contract, such bidders will have to produce the Odisha GSTIN.

22. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the items mentioned in the Tender Call Notices. Any change in the wording will not be accepted.

23. The department reserves the right of authority to reject any or all tenders received without assigning any reason whatsoever.

24. The earnest money of the L-1 bidder will be retained and will be dealt with as per terms and condition of O.P.W.D. Code. The retention of E.M.D. with the Department will carry no interest.

25. The Engineer-in-charge will notify the bidder / tenderer whose bid has been accepted of the award prior to expiration of the validity period by cable, telex or facsimile, mail confirmed by registered letter. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Engineer-in-charge will pay the contractor in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Hereinafter and in the contract called the "Contract Price").

The Notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) of 1% in form of Term Deposit receipt of nationalized bank Kissan Vikash Patra / Post Office Savings Bank Account/National Savings Certificate / Post Office Time Deposit Account/ Bank Guarantee duly pledged in favour of the **Superintending Engineer,Civil Works Circle, OPTCL, Bhubaneswar**& payable at **Bhubaneswar** and in no other form,. The security deposit together with the ISD and the amount

withheld according to the provision of P-1 agreement shall be retained as security for the due fulfilment of this contract and additional performance security in accordance with the provisions of the agreement.

The agreement will incorporate all agreements between the officer inviting the bid/ Engineer-in Charge and the successful bidder within 15 days following the notification of award along with the Letter of Acceptance. The successful bidder will sign the agreement and deliver it to the Engineer-in Charge. Following documents shall form part of the agreement.

- a) The notice-inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto & required amount of performance security including additional performance security.
 - b) Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender
- 26.** The contractor should be liable to fully indemnify OPTCL for payment of compensation under workmen compensation act. VIII of 1923 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.
- 27.** Tenderers are required to liable by fair wages clause as introduced by Govt. of Odisha, Works Department letter No.VII (R&B) 5225, dt.26.2.55 and No.II, M-56/61-28842 (5), dt.27.9.61.
- 28.** The contractor shall bear cost of various incidentals, sundries and contingencies necessitated by work in full within the following or similar category.
- a) Rent, royalties, cess and other charges of materials and all other taxes including GST from time to time, Ferry tolls, conveyance charges and other cost on account of land buildings including temporary building required by the tenderer for collection of materials, storage, housing of staff or other purpose of the work are to be borne by the contractor at his own cost. No rent will be payable to Govt. for temporary occupation of land owned by govt. at the site of the work for bonafide use of the land for work and all such construction of temporary nature by the contractor shall be done after obtaining written permission from the Engineer-in-Charge of the work and all such construction shall have to be demolished and debris removed and ground made good and cleared after completion of the work at no extra cost.
 - b) Royalty will be recovered from each bill as notified by Govt. from time to time unless K Forms are enclosed. Refund of royalty at later date after passing of the bills cannot be entertained as the recovery of royalty is being credited to revenue.
 - c) Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein to the satisfaction of the local labour laws and health authorities shall have to be provided by the Contractor.
 - d) Arrangement of suitable water supply including pipe water supply where available for the staff and labour as well as for the execution of the work is sole responsibility of the Contractor and no extra cost for carriage of water will be entertained. e) All fees and dues levied by Municipal, Canal or Water Supply Authorities are to be borne by the Contractor.
 - f) Suitable safety equipments and dresses, gloves, life belts etc. for the labour engaged in risky operations are to be supplied by the contractor at his own cost.
 - g) Suitable fencing barriers, signals including paraffin and electric signals where necessary at work and approaches in order in project the public and employees from accident has to be provided by the Contractor at his own cost.
 - h) Compensation including cost of any legal suit for injury to persons or property arising out of execution of the work and also any sum, which may become payable due to operation of the workmen compensation act, shall have to be borne by the contractor.
 - i) The contractor has to arrange adequate lighting arrangements for the work wherever necessary at his own cost.

29. No payment will be made for layout, benchmark, level pillars, profiles and benching and leveling the ground required, which has to be carried out by the contractor at his own cost. The rates to be quoted should be for finished items of work inclusive of carriage of all materials and all incidental items of work.
30. After the work is finished all surplus materials should be removed from the site of work, preliminary work such as vats, mixing platforms, etc. should be dismantled and all materials removed from the site and premises left neat and his should be inclusive in the rates. No extra payment will be made to the Contractor in this account.
31. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works quantity of any item besides estimate amount unless written order is obtained from the competent authority and rate settled before the extra items of work or extra quantity of any items of work is taken up.
32. The tenderers shall have to abide by the C.P.W.D. safety code rules introduced by the Govt.of India, Ministry of Works and Housing & Supply in their standing order No.44150, dt.25.11.57.
33. No part of the contract shall be sublet without written permission to the concerned Executive Engineer or transfer to be made by the power of attorney authorizing others to receive payment on contractor"s behalf.
34. Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents and office of the under signed during office hours every day except on Sundays and Public Holidays till last date of sale and receipt of tender papers. Interested bidders may obtain further information at the same address. But it must be clearly understood that tenders must be received in order and according to instructions in complete shape. Incomplete tender is liable for rejection.
35. **No Relation certificate.**

The contractor shall furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant manager& above in OPTCL or Assistant/Under Secretary & above in the Energy Department. If the fact subsequently proved to be false, the contract is liable to be rescinded. The earnest money & the total security will be forfeited & he shall be liable of make good to damages the loss or damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide **Schedule-A**.
36. **APPLICATION OF ESCALATION CLAUSE :** There shall be no escalation in the prices once quoted. All prices would be firm.
37. **The sample of items is to be approved by the concerned engineer before final execution of the entire floor area using the specified material referring the GFC drawing and direction of the engineer in charge in all respect.**
38. In case of executing the non- schedule item in the interest of the work as per the direction of the architect /Engineer in charge the financial implication need to be approved from the competent authority.
39. All items of work as per schedule of quantities of this tender should confirm to Odisha Detailed Standard Specification. I.R.C. & I.S.I. Codes & Bridge code section I,II,III,IV&VII & latest design criteria for pre-stressed concrete bridge specially for Roads & Bridges issued by MoRT&H., Government of India, Compacting shall have to be carried out with help of mechanical vibrators from the range of I.S.:2505, I.S.:2006, I.S.:2514. I.S.:4656.
40. Centring & Shuttering shall be with suitable steel shutters in side of which shall be lined with suitable sheeting and made leak proof and watertight. All joints in formwork shall be properly sealed preferably with P.V.C. joints sealing tapes & compounds.
41. Form work including complete false work shall be designed by the Contractor without any extra cost to employer and the Department will have the right to inspect the scaffolding, centring and shuttering made for the work and can reject partly of fully such structures, if found defective in their opinion. Any eventually such as loss of lives or properly due to failure of centring and shuttering shall be the responsibility of the Contractor regarding compensation of all claims thereof.
42. Cement shall be used by bags and weight of one bag of Cement should be 50 (fifty) Kg. net & the Engineer-in-Charge or his representative shall have the right to test the weight & quality from time to time.
43. The tenderers shall make all arrangements for proper storage of materials but no cost for raising shed for store and pay of security guard etc. will be borne by the Department. The department is not responsible for any theft or loss of materials at site. It is contractor"s risk. Under any such plea, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the contract.

44. Approach road to site of work for transport of materials to site of work is sole responsibility of the Contractor. Statutory traffic restriction in the town area for Transport of construction material to site of work is to be taken in to consideration before tendering and no consideration for extra time or compensation thereof shall be considered.
45. The contractor shall properly co-ordinate with the execution of P.H. and Electrical works and take care of the safety of workers.
46. No claim whatsoever will be entertained for supply of machineries. No extension of time will be granted to the contractor under this ground under any circumstances
47. The tenderer should furnish along with their tender a list of works executed during the last five years duly certified by the concerned Engineer-in-charge indicating the satisfactory completion for Civil, P.H. Electrical, Fire safety, air conditioning works as per the proforma enclosed in a separate sheet of **Schedule-D**.
48. The tenderer or any of its constituent partners of whose contract for any work has been rescinded or who has abandoned any work in the last five years prior to the date of Bid shall be debarred from qualification. The tenderer is to furnish an affidavit at the time of submission of tender paper about the authentication of tender documents. An affidavit to this effect is to be furnished in **Schedule-F** and information in

Schedule-E

49. It should be clearly understood that :
- a) The joints of the bars are to be provided with lapping, welds or bolts nuts as well be directed by the Engineer-in-charge.
 - b) Concrete test specimens 150mm × 150mm × 150mm in size (whether plain or reinforced concrete) for the testing shall be taken for each structural member by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant Engineer or sub-Divisional Officer. The contractor shall bear the cost so involved in testing. The test specimen in cube should be carried out in the Departmental Control and Research Laboratory of Cuttack or Bhubaneswar. Test should be carried out in accordance with the stipulation in Bridges code section-III.
 - c) Test specimens shall be formed carefully in accordance with the standard method of taking test specimen and no plea shall be entertained later on the grounds that the casting of the test specimen was faulty and that the result of the specimen did not give a correct indication of the actual quality of concrete.
 - d) Plain concrete and reinforced concrete specimens will be tested in **Quality Control and Research Laboratory as per direction of Engineer-in-charge**. Cost of testing of all specimens and samples will be borne by the Contractor.
51. The rates quoted should be inclusive of carriage of water required in connection with execution of the work. No claim for carriage of water whatsoever will be entertained.
52. List of tool & plants in running condition in possession of contractor is to be furnished in a separate sheet of **Schedule-C**.
53. For submission of a tender for the work, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work about the quality and availability of the required quantity of materials, Medical aid, labour and Flood stuff etc. and that the rates quoted by him in the tender will be adequate to complete the work according to the specifications attached thereto and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted labour rates and materials with taxes, Octoroi and other duties lead, lifts, loading and unloading freight for materials and all other charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. After acceptance of the contract rates Government will not pay any extra charges for any reason in case the contractor finds later on to have misjudged the conditions as regards the availability of materials, labour and other factors. The contractor will be responsible for any misuse, loss or damages due to any reasons whatsoever of any departmental material during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other dues.

54. The prevailing percentage of I.T. Department of the gross amount of the bill towards income tax will be deducted from the contractor's bill.
55. GST at source will be deducted as per the Government rule in force.
56. **Applicable rate of cess i.e. @ 1% on estimated cost put to tender as per the Building and Other Constructed Workers (RE&CS) Act. 1996 and Buildings and Other Construction Workers Welfare Cess Act. 1996 (vide resolution No.-12653, dt.15.12.2008 of Labour and Employment Department, Govt. of Odisha) will be deducted from each running bill of the contractor.**
57. It must be clearly understood that under no circumstances any interest is chargeable for the dues or additional dues if any payable for the work executed and final bill pending disposal due to any reason whatsoever.
58. No extra payment will be made for removing spreading and consolidating salvaged metals and materials.
59. Under section 12 of contractors labour (Regulation and Abolition) Act. 1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
60. **Performance Security / Additional Performance Security**
 - 60.1 **Performance Security**- The bidder has to deposit 2 % of accepted tender value as Performance Security. EMD (deposited by bidder) of the successful L1 bidder shall be returned upon deposit of performance security at the time of drawl of agreement.
 - 60.2 The extant provisions of threshold negative bid caps (14.99%) Introduced in Appendix-IX, Clause 36 of OPWD Code Volume-II has been abolished in the procurement of works undertaken by the Govt of Odisha and its agencies to ensure the procurement process results in a viable and successful manner with adoption of following incremental Additional Performance Security (APS) system.
Additional performance security shall be taken on an incremental basis from the selected bidder for low bid prices in the project works as under:
I . where the bid price is below 0% but not below 10% of the project cost put to bid, no additional performance guarantee/security percentage is required.
II . where the bid price is below 10% but not below 20% of the project cost put to bid. the additional performance guarantee/security percentage shall be intrermented by 0.1% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance guarantee being 0.1% and this additional performance guarantee percentage shall be applied on the bid price;
III . where the bid price is 20% or more below of the project cost put to bid, the additional performance guarantee percentage shall be incremented by 0.2% for every percentage of bld price below 20% of the project cost put to bid in addition to 1% of the bid price and this additional performance guarantee percentage shall be applied on the bid price;
IV . The additional performance guarantee percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more.
V . The additional performance security shall be treated as part of the performance security
VI . Justification for abnormally low bids shall be scrutinized by the Departmental Technical Committee and recommended to the competent authority of the Administrative Department for the approval of the Additional Performance Security(APS). An abnormally low bid is one in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Procuring Entity may, in such cases, seek written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bid document., If, after evaluating the price analyses, the procuring entity determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity may reject the Bid/ Proposal. However, it would not be advisable to fix a normative percentage below the estimated cost, which would automatically be considered as an abnormally low bid.
61. **Sample of all material** - The contractor shall supply sample of all materials fully before procurement for the work for testing and acceptance as may be requiring by the concerned Executive Engineer.
62. Super class contractor shall employ under himself two Graduate Engineer and two Diploma holders belonging to the State of Odisha. Special class contractor shall employ under him one graduate Engineer and two Diploma Holders belonging to the state of Odisha. Likewise „A“ class contractor shall employ under him one Graduate Engineer or two Diploma Holders belonging to state of Odisha. The contractor shall pay to the Engineering

personnel monthly emoluments, which shall not be less than the emoluments of the personnel of equivalent qualification employed under the State Govt. of Odisha. **The Superintending Engineer, Civil Works Circle, OPTCL, Bhubaneswar** may however assist the contractor with names of such unemployed Graduate engineers and Diploma Holders if such help is sought for by the contractor. The names of such Engineering personnel appointed by the Contractors should be intimated to the tender receiving authority along with the tender as to who would be supervising the work. Each bill of the Super Class, Special Class or „A“ Class Contractor shall be accompanied by an employment Roll of the Engineering personnel together with a Certificate of the Graduate Engineer or Diploma Holder so employed by the contractor to the effect that the work executed as per the bill has been supervised by him. (Vide Works Department No. Codes M-22/91-15384 dated 9.7.91). The required certificate is to be furnished in the tender documents vide **Schedule-G**.

63. An engineering personnel of the executing agency should be present at work site at the time of visit of High level Inspecting officers in the rank of Superintending Engineer and above.
64. All reinforced cement work should conform to Odisha Detailed specification and should be of proportion as per Contract Agreement having desired compressive strength (in work test) in 15 Cm cubes at 28days, after mixing and test conducted in accordance with IS 456 and IS 516.
65. Bailing out of water from the foundation, pipeline trenches S. Tanks/ Soak pits/ Sumps/ M.H. etc. either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for benchmarks. Level pillars, profiles and benching and leveling the ground wherever required. The rates quoted should be for finished items of works inclusive of these incidental items of work. It should be understood clearly that no claims whatsoever would be entertained.
66. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
67. The Contractor will have to submit to the Executive Engineer, CWD I, OPTCL, Bhubaneswar, monthly return of labour both skilled and unskilled employed by him on the work.
68. All fittings for doors and windows P.H. & Electrical works as supplied by the Contractor should be of best quality and conform to relevant I.S. specification and should be got approved by the Engineer-in-charge of the respective wing before they are used on the work.
69. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing buildings, if found necessary and bear the entire cost of such test, including the inspection of Electrical Inspectorate.
70. The Tenderer should furnish along with their tender **1.** A list of works, which are at present in their hand (**Schedule-B**) and **2.** List of work executed (**Schedule-D**) in the prescribed proforma(s) enclosed herewith in appropriate place of bid document.
71. All reinforced cement concrete works should be finished smooth.
72. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkable low and for others too high.
73. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such samples will be tested at IIT Bhubaneswar or any of the **Control and Research Laboratories specified by OPTCL** , at the cost of the Contractor with no extra cost to OPTCL.
74. If there is any damage to the work due to natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any, imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good of all such damages at his own cost with no extra cost to the Department. No claims, whatsoever, in this regard will be entertained.
75. The Fly Ash Bricks / AAC should be of good qualities. The bricks should be approved by the Engineer-in-Charge before use in the work and should confirm to the minimum strength and other criteria as per National Building Code.

76. Under Section 1 of contract labour Regulation and Abolition Act 1970 the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of labour Department.
77. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurements.
78. Engineer Contractor desirous to avail the facility of exemption of E.M.D is required to submit an affidavit to the effect that he has not yet availed the facility / participated in the tender for more than two works (Excluding this work) during the current financial year. The name of work for which participated and the authority to whom the tender was submitted must be mentioned in the affidavit, failing which the tender will be rejected.
79. That for the purpose of jurisdiction in the event of disputes if any of the contract would be deemed to have been entered in to within the State of Odisha and it is agreed that neither party to the contract will be competent to bring a suit in regard to the matter by this contract at any place outside the State of Odisha.
80. **SPECIAL CONDITIONS (PART OF THE CONTRACT)**
- (I) All materials before they are being used in the items of works as per this Schedule of quantities and also the finished items of work where tests are applicable shall have to be tested through the Engineer-in-charge of the respective wing at appropriate Laboratories according to the relevant I.S. specifications of the materials and the said items of works and the cost of all such tests shall have to be borne by the Contractor and the rates of the items of works should be inclusive of cost of such tests.
- (II) The tests have to be planned & carried out such that the progress of work is not hampered
- (III) The tests are mandatory as per the prescribed frequencies and I.S. specifications. However, these are not exhaustive and the Engineer-in-charge has the right to prescribe other required test if any as will be considered from time to time.
81. In case of ambiguity between clauses of this D.T.C.N. and the **P-1** contract form, the relevant Clauses of the **P-1** contract form shall prevail over the D.T.C.N. The clauses not covered under **P-1** contract form shall be governed by the clauses of the D.T.C.N.
82. Schedule of quantities is accompanied in **Cover-II (Price Bid)**. It shall be definitely understood that the department does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable for alternation or omissions, deductions or alternations set forth in the conditions of the contract and such omissions, deductions, additions or alternations shall no way invalidate the contract and no extra monetary compensation, will be entertained.
83. In case of any complaint by the labour working about the non-payment or less payment of his wages as per latest minimum Wages Act, the Executive Engineer will have the right to investigate and if the contractor is found to be in default, he may recover such amount due from the contractor and pay such amount to the labour directly under intimation to the local labour office of the Govt. The contractor shall not employ child labour. The decision of the Executive Engineer is final and binding on the contractor.
84. The contractor should arrange the materials like Steel, Cement, paint and bitumen etc. of approved quality and specification at his own cost for completion of the work with the time schedule. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.
85. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Executive Engineer with their bills, falling which the amount towards royalties of different materials as utilised by them in the work will be recovered from their bills and deposited in the revenue of concerned department.
86. Any defects, shrinkage or other faults which may be noticed within 12 (Twelve) months from the completion of the work arising out of defective or improper materials or workmanship timing are upon the direction of the Engineer-in-Charge to be amended and made good by the contractor at his own cost unless the Engineer for reasons to be recorded in writing shall be decided that they ought to be paid for and in case of default Department may recover from the contractor

the cost of making good the works. The contractor is also required to maintain the road/ building for **12 (Twelve) months** from the date of successful completion of the work.

87. From the commencement of the works to the completion of the same, they are to be under the contractors charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the OPTCL harmless for any claims for injuries to person or structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or any one in his employment during the execution of the work. Also no claim shall be entertained for loss due to earthquake, flood, cyclone, epidemic, riot or any other calamity whether natural or incidental damages so caused will have to be made good by the contractor at his own cost.

88. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the OPTCL. Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorized agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the Department. The order Book shall be the property of the OPTCL and shall not be removed from the site of work without written permission of the Engineer (Executive Engineer) and to be submitted to the Engineer-in charge every month.

89. The contractor should attach the certificate in token of payment deposit with the registration authority as per recent circular of the Government relating to his registration.

90. In case of any discrepancy in printing or omissions of statutory specifications or any other part or portion of the approved document during download of the bid document, the decision of the officer inviting the bid will be binding on the bidder.

91. The rates quoted by the contractor shall cover the latest approved rates of Labours, Materials, P.O.L. and Royalties. Arrangement of borrow areas i.e. Land, Approach Road to the building site etc. are the responsibility of the contractor.

92. The rate for each work of concrete items wherever dewatering is imperatively necessary the term dewatering shall mean the execution or operation of the items due to standing water as well as due to percolation of water. The quoted rates will be inclusive of this.

93. The contractor shall make requisition of claim book from the date of commencement of the work from the Department and shall maintain in proper P.W.D / OPTCL. form with pages serially numbered in order to record items of works are not covered by his contract and claimable as extra. Claims shall be entered regularly in this book under the dated signature of the contractor or his duly authorized agents at the end of each month. A certificate should be furnished along with the claim to the effect that he has no other claim beyond this claim up-to-date. If in any month there are no claims to record, a certificate to that effect should be furnished by the contractor in the claim book. Each claim must be defined and should be given as far as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10th and 16th days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim book not maintained from the commencement of the work is liable to be summarily rejected. The claim book is the property of the OPTCL and shall be surrendered by the contractor to the Engineer-in-charge after completion of the work or before recession of the contract by the Department whichever is earlier for record.

94. Number of tests as specified in I.R.C. / MoRT&H / I.S.I specification required for the construction of roads / bridges / buildings or any other structural works will be conducted in any Govt. Test House /Departmental laboratories/reputed material testing laboratory as to be decided by the Engineer-in- charge. Testing charges including expenditure for collection / transportation of samples /specimens etc. will be borne by the contractor. The collection of samples and testing are to be conducted for both prior to execution and during execution as may be directed by the Engineer-in-charge and on both the accounts the cost shall be borne by the contractor.

95. Even qualified criteria are met, the bidders can be disqualified for the following reasons, if enquired by the Department

- (a) Making a false statement or declaration.

- (b) Past record of poor performance.
- (c) Past record of abandoning the work half way/ recession of contract.
- (d) Past record of in-ordinate delay in completion of the work.
- (e) Past history of litigation.

96. In case the 1st lowest tenderer or even the next lowest tenderers withdraw in series one by one, thereby facilitating a particular tender for award, then they shall be penalized with adequate disincentives with suspension for a time period of 1 year.. Appropriate action for black listing the tenderers shall also be taken apart from disincentives against the tenderer.

97. ELIGIBILITY CRITERIA:

To be eligible for qualification, applicants shall furnish the followings. Non-furnishing of the following particulars shall be treated as ineligible.

- a. **Bids must be accompanied by and Earnest Money Deposit / Bid Security of the amount @ of 1 % of the estimated cost put to tender as per the Clauses of DTCN.**
- b. **Cost of bid document towards Cost of tender paper as per DTCN.**
- c. **Scanned copy of valid Contractor Registration Certificate, GST Registration Certificate, GSTIN, PAN card along with the tender documents and the L-I bidder has to furnish the Original Registration certificate, GSTIN and Pan card for verification within (5) Five days of opening of Cover-II of the tender before Superintending Engineer, Civil, OPTCL Bhubaneswar as per DTCN. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GST as they have not started any business in the state and they have no liability under the Act. But before award of final contract, such bidders will have to produce the GST Registration certificate.**
- d. **i) License criteria as per DTCN need to be furnished.**
- e. **Joint Ventures are not accepted for participation in the tendering process.**

f. The Executants / Firm should not have ever been debarred / banned / declared ineligible by any Global Lending Institution / Bank / Financial Institution etc. and the Executants / Firms have to give an Undertaking in this regard.

98. Time Control :-

- a. Progress of work and Re-scheduling program.
 - i. The Executive Engineer / Engineer-in-Charge shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
 - ii. Within 15 days of issue of the letter of acceptance, the contractor shall submit to the Engineer-in-Charge for approval a Program showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.
 - iii. To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, ½ of the whole of the work before ½ of the whole time allowed under the contract has elapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.
 - iv. If at any time it should appear to the Engineer-in-Charge that the actual process of the work does not conform to the programme to which consent has been given the Contractor shall produce, at the request of the Engineer-in-Charge, a revised programme showing the modifications to such programme necessary to ensure completion of the works within the time for completion. If the contractor does not submit an updated Programme within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.

- v. An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.
- vi. The Engineer-in-Charge's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer-in-Charge again at any time. A revised Programme is to show the effect of Variations and Compensation Events.

b. Extension of the Completion Date.

- i. The time allowed for execution of the works as specified in the Contract data shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the Engineer-in-Charge issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.
- ii. The Contractor shall submit the Time & Progress Chart for each milestone Quarter wise indicating each month and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per milestone given in contract data.
- iii. In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.
 - (1) Force majeure, or
 - (2) Abnormally bad weather, or
 - (3) Serious loss or damage by fire, or
 - (4) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.
 - (5) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.
 - (6) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost, or
 - (7) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.
- iv) Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen (14) days of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
- v) In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

c) Compensation for Delay.

If the contractor fails to maintain the required progress in terms of clause-2 of P-1 Contract or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the **Superintending Engineer (whose decision in writing shall be final and binding)** may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause-2 of P-1 Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month of for delay

of work, delay to be completed on per Day basis. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However no interest whatsoever shall be payable on such withheld amount.

d) Bonus for early completion

For availing incentive clause in any project which is completed before the stipulated date of completion, subject to other stipulations it is mandatory on the part of the concerned Executive Engineer to report the actual date of completion of the project as soon as possible through fax or e-mail so that the report is received within 7 days of such completion by the concerned Superintending Engineer, Chief Engineer & the Administrative Department. The incentive for timely, completion should be on a graduated scale of one percent to 05 percent of the contract value. Assessment of incentives may be worked out for earlier completion of work in all respect in the following scale.

Before 30 % of contract period = 5 % of Contract Value
Before 20 to 30 % of contract period = 4 % of Contract Value

Before 10 to 20 % of contract period = 3 % of Contract Value
Before 5 to 10 % of contract period = 2 % of Contract Value
Before 5 % of contract period = 1 % of Contract Value

(Amendment to Para-3.5.5 (V) of Note-III of OPWD Code Vol.-I by inclusion vide O.M. No.5288 dt.04.05.2016)

e) Management Meetings

- i) Either the Engineer or the Contractor may require the other to attend a management meeting. The business of management meetings shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- ii) The Engineer shall record the business of management meetings and is to provide copies of his record to those attending the meeting and to the Employer. The responsibility of the parties for actions to be taken to be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.

Rescission of Contract (Amendment as per letter No.10639 dt.27.05.2005 of Works Department, Odisha):- To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence), 20% of the value of left over work will be realized from the contractor as penalty.

99. Building and other Construction Workers Welfare Cess @ 1% of the estimated cost as per tender notification read with latest corrigendum if any will be proportionately deducted from the contractor's bill at the time of making payment of each bill.

100. The tenderers are required to go through each clause of P.W.D. Form **P-1** carefully in addition to the clauses mentioned here in before tendering.

101. A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter no.3365 dt.01.03.2007 of Works Department, Odisha.

As per said amendment a Contractor may be blacklisted

- a. Mis-behavior /threatening of Departmental & supervisory officers during execution of work/tendering process.
- b. Involvement in any sort of tender fixing.
- c. Constant non-achievement of milestones on insufficient and imaginary grounds and non-adherence to quality specifications despite being pointed out.
- d. Persistent and intentional violation of important conditions of contract.
- e. Security consideration of the State i.e. any action that jeopardizes the security of the State.

f. Submission of false/ fabricated / forged documents for consideration of a tender.

- 102.** The safety certificate of the E.I. work will be furnished by the agencies after getting necessary verification from the electrical inspector / equally competent authority responsible for the work prior to Energisation of the building.
- 103.** The items can only be installed post obtaining approval from competent authority in consultation with the consultant. Further, provision of a mock-up room shall be done by the executing party for approval of items.
- 104.** Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006) In case of percentage rate tender:-
- i) The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.
 - ii) Contractors participated in the tender for more than one work may offer conditional rebate. Rebate offer submitted in separate sealed envelope shall be opened, declared and recorded first. The rebate so offered shall be considered after opening of all packages called in the same Tender Notice. The Contractors who wish to tender for two or more works shall submit separate tender for each. Each tender shall have the Bid Identification No., Name & Sl. No. of the work (as per IFB) to which they refer, written on the envelope.
 - iii) Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.
 - (1) If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct
 - (2) If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
 - (3) The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
 - (4) The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
 - (5) The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.
 - (6) The Contractor will write percentage excess/ less up to **two decimal point** only.
 - (7) The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.
 - iv) In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.
 - v) The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.
 - vi) Bills for percentage rate tenders shall be prepared at the estimated rates for individual items only and the percentage excess or less shall be added or subtracted from the gross amount of the bill.

(Total 104 Clauses)

Approved
-Sd/-
Superintending Engineer
Civil Works Circle,OPTCL, BBSR

E-REVERSE AUCTION

- (K) Based on “Evaluated Bid Price” determined, the Bids shall be ranked in ascending order as L1, L2, L3
----- Ln,
- (L) The Indicative Estimated Cost for e-RA for the package(s) is as indicated in Notice .
- (M) The e-RA shall be conducted, if the variation of lowest evaluated bidder’s price (L1) is more than +5% (+five percent) of the Indicative Estimated Cost.
- (N) The Applicable Ceiling Price for e-RA for bidders shall be their “Evaluated Bid Price” determined in accordance with clauses of DTCN. During e-RA, the bidders shortlisted for participation in e-RA shall be permitted to place their prices lower than their Applicable Ceiling Price.
- (O) The e-RA shall be conducted on a designated electronic platform of any Application Service Provider (hereinafter referred to as “ASP”), for and on behalf of the Employer.
- (P) The ASP, as and when authorized by the Employer, will intimate the bidders regarding the details of electronic platform, procedure/ modality of e-RA process and other details, prior to e- RA.
- (Q) Notwithstanding above, the bidder(s) who either do not submit the requisite compliances for e- RA or do not participate in e-RA, their original price bid as opened, if valid, shall be considered for evaluation.
- (R) Notwithstanding the e-RA conducted as aforesaid, OPTCL reserves the right to hold negotiations with the bidder with lowest evaluated price after e-RA (L1 bidder).
- (S) The Employer shall be the sole judge in this regard.
- (T) **Procedure for Reverse Auction (e-Reverse Auction (e-RA) shall be resorted to as follows: -**

STRATEGY FOR E-REVERSE AUCTION	
1	Bidders are required to go through the guide lines given below and submit their acceptance to the same.
2	e-Reverse Auction (RA) will be conducted in e-tender portal of OPTCL on specified date and time, while bidders shall quote from their own offices/places of their choice. Internet connectivity shall be ensured by the respective agencies/bidders themselves.
3	KEONICS (Application Service Provider) shall arrange for demonstration/ training (if not trained earlier) of bidder’s nominated person(s), to explain all the rules related to e-Reverse Auction/ Business Rule document to be adopted.
4	The strategy to be used for reverse auction shall be “DYNAMIC TEMPLATE BIDDING”
Procedure for electronic Reverse Auctioning (e-RA):	
5	e. The e-RA shall be conducted on www.tenderwizard.com/OPTCL only. f. Bidder has to submit letter towards agreement to the Process related Terms & Conditions for e-Reverse Auction, as per (Reverse Auction Process Compliance Form-Attachment-20). In non-receipt of the same, vendors will not be allowed to participate in e-RA. g. e-RA shall be carried out after opening of Price bids and completion of Price bid evaluation, which will be intimated only to the techno-commercially qualified bidders by OPTCL as per procedure given below. h. OPTCL reserves the right to conduct e-RA and it is obligatory on part of bidder(s) invited to participate in e-RA process once they have responded to the techno-commercial bid.

6	Prior intimation/ Notice for RA invitation will be given to techno-commercially qualified bidders regarding the date & time of opening of the e-RA. The start bid price (SBP) for e-Reverse Auction of each bidder under a particular package shall be the L1 evaluated price for the subject package including Taxes & Duties for the total scope for subject Package. Taking the above discovered L1 price as the upper limit e-RA will be conducted to determine the lowest possible price. Reverse Auction will be conducted amongst first 50% of the technically qualified bidders arranged in order of prices from lowest to highest, as L1, L2, L3 -----Ln, and L1 price will be discovered. Minimum of 3 bidders shall be eligible for e RA. (e.g. If 4 bidders are financially evaluated then the L1, L2 and L3 bidders shall be eligible for e-RA). Number of bidders eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L1 to L4). However, in case only two bidders are found to be responsive, e-RA would be carried out with both the parties without any elimination. However, OPTCL reserves the right to invite the evaluated L1 bidder for negotiation without conducting the e-RA. In case of price submitted by any bidder is found to be abnormal, OPTCL reserves the right to reject the bid of the bidder(s). Rank of bidders would be displayed as per the total cost to OPTCL, i.e including Taxes and Duties payable by OPTCL as per the provisions of the bidding document & after e-RA process is over.
7	Names of bidders/ vendors shall not be disclosed during the e-RA process. Names of bidders/ vendors shall be anonymously masked in the e-RA process. In case of RA, start/ reference price and step value of decrement shall be indicated to the bidders at the start of the auction. Any participating bidder can bid one or multiple step decrement lower than the prevailing lowest bid at that time. The Bidder shall be able to view Bid Start Price, Bid Decrement Value, Prevailing Lowest Bid value, last Bid Placed by him and time left for bidding. The step value of decrement in a package to be offered by bidder (the minimum amount of reduction in the total bid price including all taxes & duties during auction), shall be kept at 0.15% of L1 bidder's final evaluated price which will be rounded to nearest rupees (or) at approved amount as decided by OPTCL. Bidders can only quote any value lower than their previous quoted price. However, at no stage, increase in Price will be permissible. At any point during Reverse Auction, bidding Price field shall remain enabled for the bidders. The reverse auction period shall be unlimited and the initial auction period (1st slot) will be of thirty (30) minutes with provision of auto extension by (10) ten minutes from the schedule/ extended closing time. If any fresh lower bid is received in last ten minutes of initial auction period or extended auction period, the auction shall get extended automatically for another 10 minutes. In case, there is no bid received during schedule/extended slot, the auction shall get closed automatically without further extension. (v) However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the period of e-reverse auction to avoid complication related with internet connectivity, network problem, system crash down, power failure etc.

8	After conclusion of e-Reverse Auction i.e. (Closing Price in Reverse Auction will be taken as offered price by the L1 bidder), decrease in price of individual head of the template shall be considered proportionately on all individual line items of the respective head of the price schedule of the successful L1 bidder. Any bid received at the tender wizard server end subsequent to closure of the e-RA shall be summarily rejected and shall not be considered as a valid bid under whatsoever circumstances. For this purpose, tender wizard server log shall prevail. The bidder shall not involve himself or any of his representatives in price manipulation of any kind directly or indirectly by communicating with other bidders. During Reverse Auction, If no bid is received within the specified time, OPTCL, at its discretion, may decide to close the reverse auction process/ proceed with conventional mode of tendering [Evaluation of Part-II (price bid) submitted by bidders earlier].
9	Consequent upon completion of e-Reverse Auction, OPTCL's decision on award of contract shall be final and binding on the bidders. OPTCL shall be at liberty to call the L1 bidder for further process/ negotiation and also at liberty to cancel the e-reverse auction process/ re-tender at any time, without assigning any reason thereof. OPTCL can decide to reschedule or cancel any reverse auction: the bidders shall be informed accordingly. OPTCL/ Service Provider shall not have any liability to bidders for any interruption or delay in access to the e-Tender site/ Reverse Auction link irrespective of the cause.

OPTCL VENDOR REGISTRATION MANUAL on
www.tenderwizard.com/OPTCL

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♣ INTRODUCTION TO THE BROWSER

The Tenderwizard works best with Internet Explorer 8 (and above) and Mozilla Firefox web browsers.

To launch the web browser, follow these steps:

Step 1. Click the Internet Explorer icon  or Mozilla Firefox icon  located on your taskbar.

Step 2. Enter the website address www.tenderwizard.com/OPTCL in the address bar to access the portal (refer [Figure 1](#)).

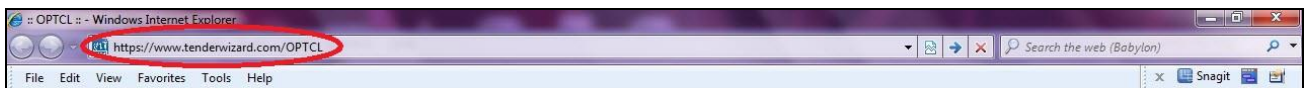


Figure 1 Introduction to Browser: IE Login Address Entry

♣ REGISTRATION PROCESS

- ♣ **Step1** : Click “Register Me” as shown in below figure.

The screenshot shows the OPTCL E-Tendering portal. At the top, there is a blue header with the OPTCL logo on the left, the text "E-Tendering" in the center, and a "Tender Wizard" icon on the right. Below the header is a navigation bar with links: Home, About OPTCL, Contact Us, Hot Tenders, Tender Free View, and Register Me (which is circled in red). The main content area features the text "E- Tendering / E-Procurement portal for end to end Tendering activities." and "ODISHA POWER TRANSMISSION CORPORATION LIMITED (A Govt. of Odisha Undertaking) The Lifeline Of Odisha". A large image of power transmission towers is displayed. To the left of the image is a "Log In" section with fields for User ID, Password, and Activity (set to Tender), and a "Go !" button. Below the login section are links for "New User ? Sign Up" and "Forgot Password?". To the right of the image is a sidebar with various links: "Help Manuals / DSC Application Forms / Circulars", "Check Browser Compatibility", "Verify Browser PKI setting", "System Requirements", "FAQ'S ?", "Autodesk DWFViewer FREE" (with instructions to install for viewing AutoCad files), and "Get Acrobat Reader" (with instructions to download and install for viewing PDF files). At the bottom, there is a footer with the text "Best viewed with Internet Explorer Version 6 or higher with a resolution of 1024x768. This site uses highly secure 128/256-bit encryption and is certified by DigiCert as a secure and trusted site." and links for "Terms & Conditions", "Disclaimer", and "Glossary of terms".

- ♣ Fill all the details in the form provided in below figure. Click “Create Profile” to obtain your User ID and Password. Note that during registration process do not type certain special characters like ~ ` ' # \$ % & * ! () ; \ / ? " : < > + - { } [] which are not allowed.



OPTCL
Orissa Power Transmission Corporation Limited



Tender Wizard

Home
About OPTCL
Contact Us
Hot Tenders
Tender Free View
Vendor Registration

* indicates mandatory fields

[Click here to retrieve information to make registration payment](#)

Vendor Information

Nationality : Indian Bidder * Log-in(User Id) : shiva555 * Eg(Ravi_123) * (No Special Characters like %\$@!&.) This User Id is available.. Type of Organization : Individual * Contact Person : shivakumar * Update Serial No. Dig Cert Serial No : Dig Cert Issuer : Cert Expiry Date : Hint Question : What is your favourite sport? *	Preferred Currency : Indian Rupee (INR) * Check Availability Company Name : shivakumar Enterprises * Designation : Dig Cert User Name : Certificate Owner : Cert Class : Hint Answer : cricket *
--	---

Hint Question & Answer will be used for forget password facility

Contact Information

Address Line1 : * City : * Country : India * Landline No : * (Including STD/ISD Code) Fax No : * (Including STD/ISD Code) Email Address : * Alternate Email Address : PAN / TAX ID No : * Bank Name : Select * Bank Account No : 	Address Line2 : ZIP/PIN Code : * State : Select * Mobile No : * (Including STD/ISD Code) Website(URL) : Branch : Bank Code(IFSC Code) :
--	--

COT*

Select All ☐

☐ OPTCL-Goods
☐ OPTCL-Services
☐ OPTCL-TESTCOT

☐ OPTCL-Works

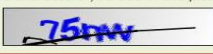
Note :

TERMS & CONDITIONS

☐ I have Read and Accepted the [Terms & Conditions](#).

Your user id and password will be enabled only after receiving the payment of registration charges.

Type the characters you see in the picture below.



Create Profile
Reset



DSC Serial No. Updation Process:

- Follow the below mentioned steps as shown in figs to Update your Digital Signature.

Home About OPICL Contact Us Hot Tenders Tender Free View Vendor Registration

* indicates mandatory fields

[Click here to retrieve information to make registration payment](#)

Vendor Information

Nationality : Indian Bidder *	Preferred Currency : Indian Rupee (INR) *
Log-in(User Id) : test Eg(Ravi_123) * (No Special Characters like %\$@!&) This User Id is available..	Check Availability
Type of Organization : Individual *	Company Name : xyz pvt ltd *
Contact Person : xyz *	Designation : test
Update Serial No.	
Dig Cert Serial No : 	Dig Cert User Name :
Dig Cert Issuer : 	Certificate Owner :

♣ **Step 2:** Click on Update Serial No. as shown in fig above

ODISHA POWER TRANSMISSION CORPORATION LIMITED

Home About OPICL Contact Us Hot Tenders Tender Free View Vendor Registration

* indicates mandatory fields

[Click here to retrieve information to make registration payment](#)

Vendor Information

Nationality : Indian Bidder *	Preferred Currency : Indian Rupee (INR) *
Log-in(User Id) : shva555 Eg(Ravi_123) * (No Special Characters like %\$@!&) This User Id is available..	Check Availability
Type of Organization : Individual *	Company Name : shvakumar Enterprises
Contact Person : shvakumar *	Designation :
Update Serial No.	
Dig Cert Serial No : 	Dig Cert User Name :
Dig Cert Issuer : 	Certificate Owner :
Cert Expiry Date : 	Cert Class :

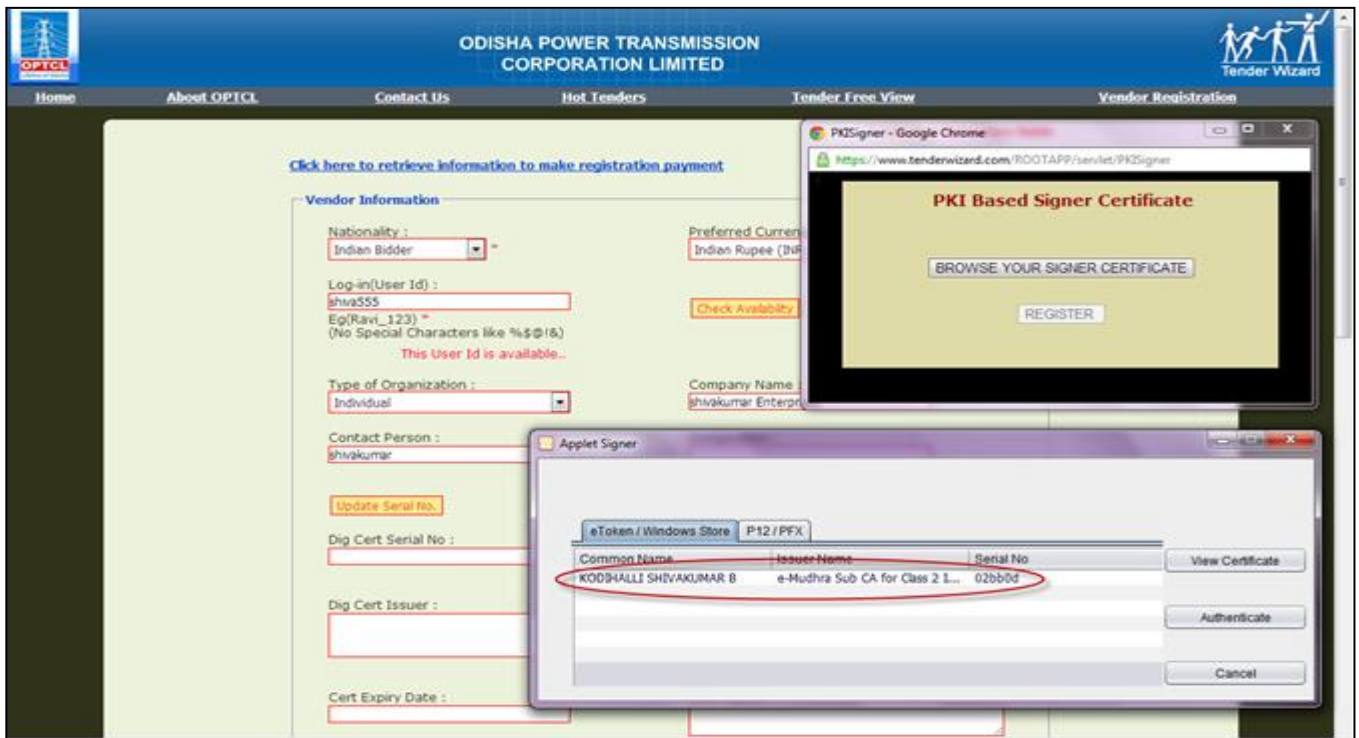
PKISigner - Google Chrome
https://www.tenderwizard.com/ROOTAPP/serlet/PKISigner

PKI Based Signer Certificate

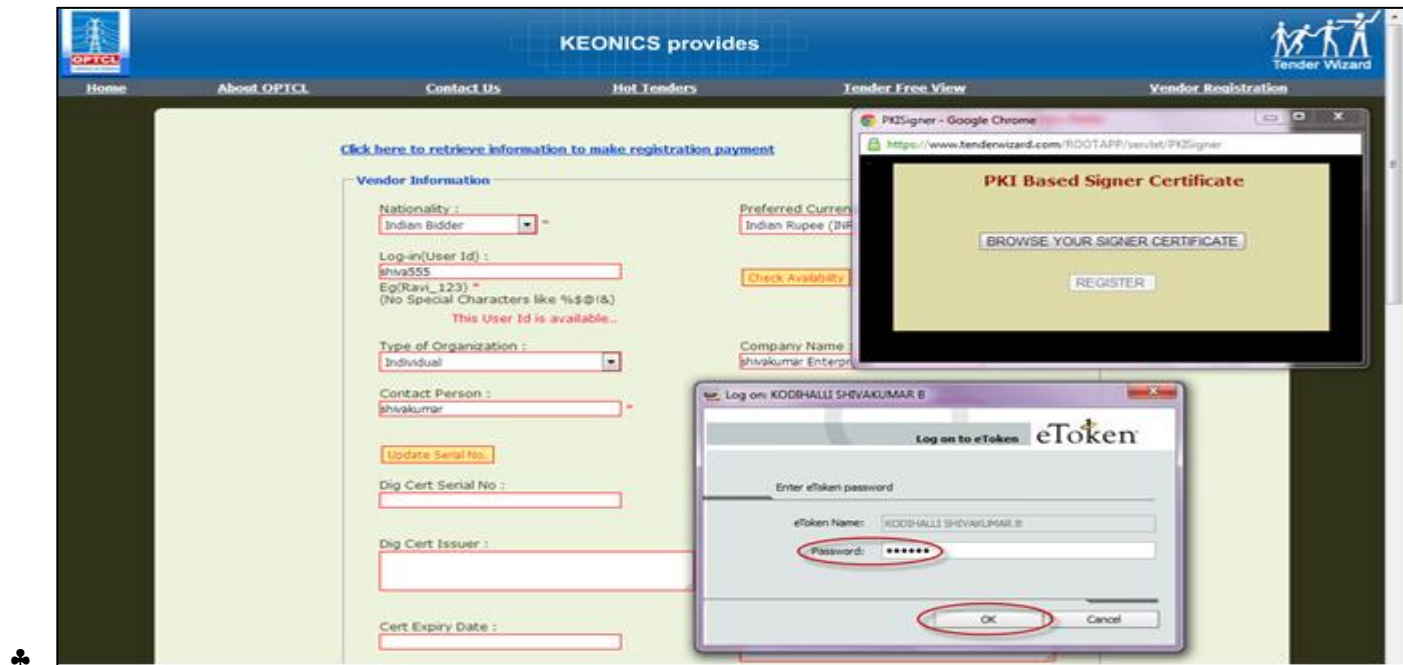
[BROWSE YOUR SIGNER CERTIFICATE](#)

[REGISTER](#)

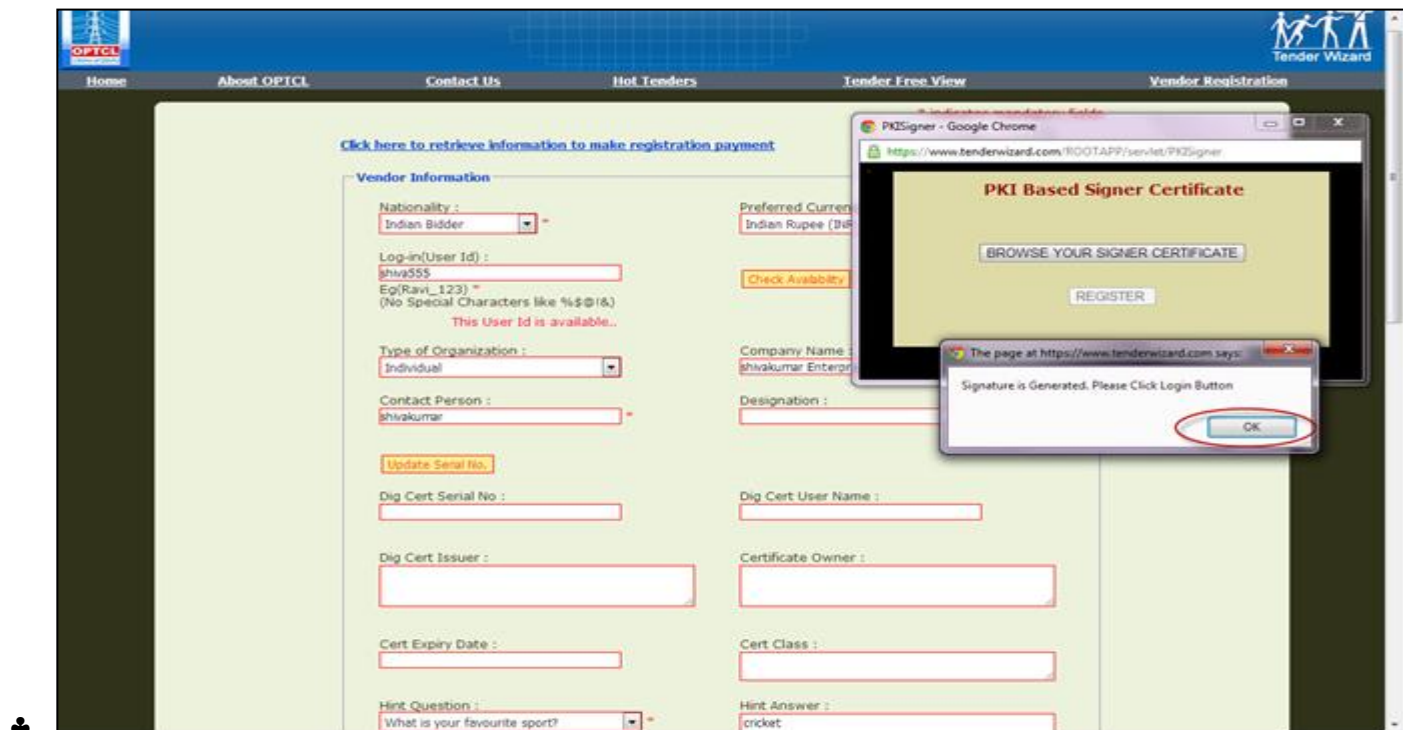
♣ **Step 3: Browse your Signer Certificate**



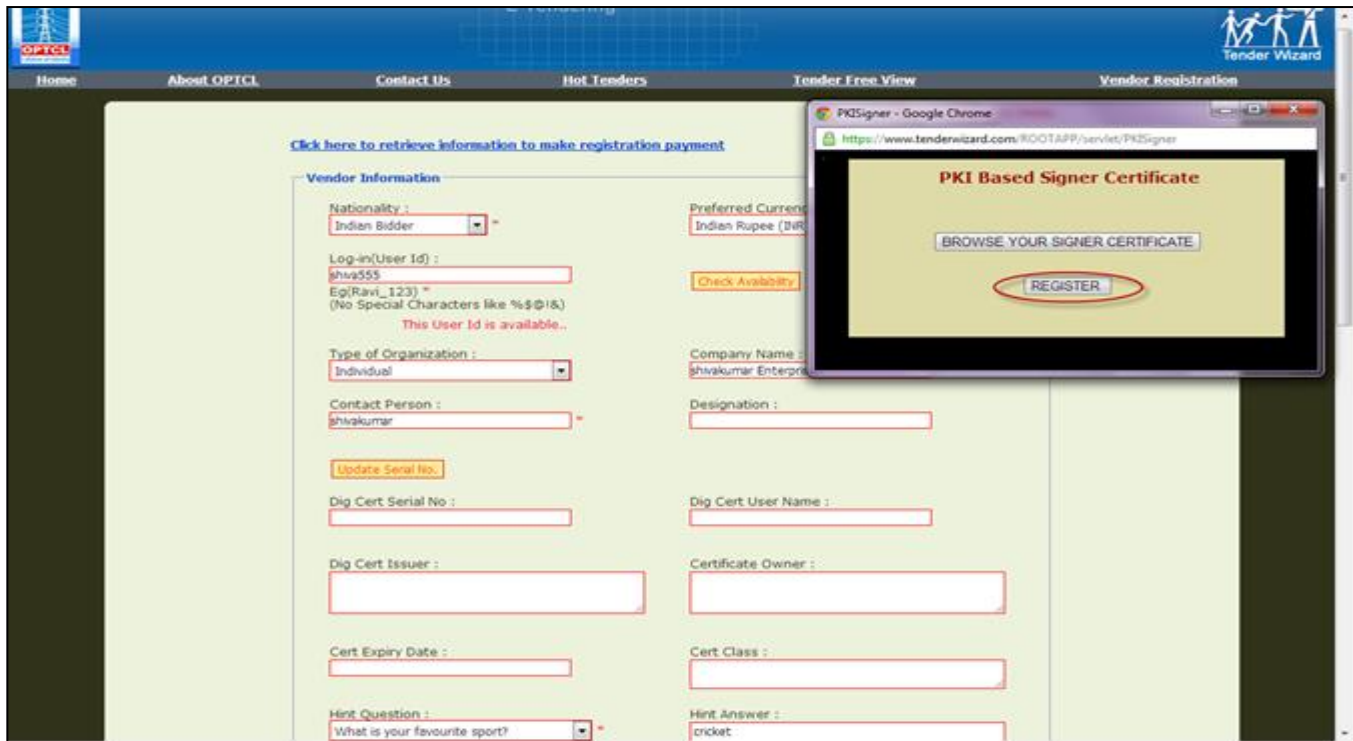
- ♣ **Step 4:** Select the **certificate** and click on **ok** as shown in fig above



- ♣ **Step 5:** Enter the Digital Signature Certificate (DSC) password in the box provided and then click the OK button as shown in fig above

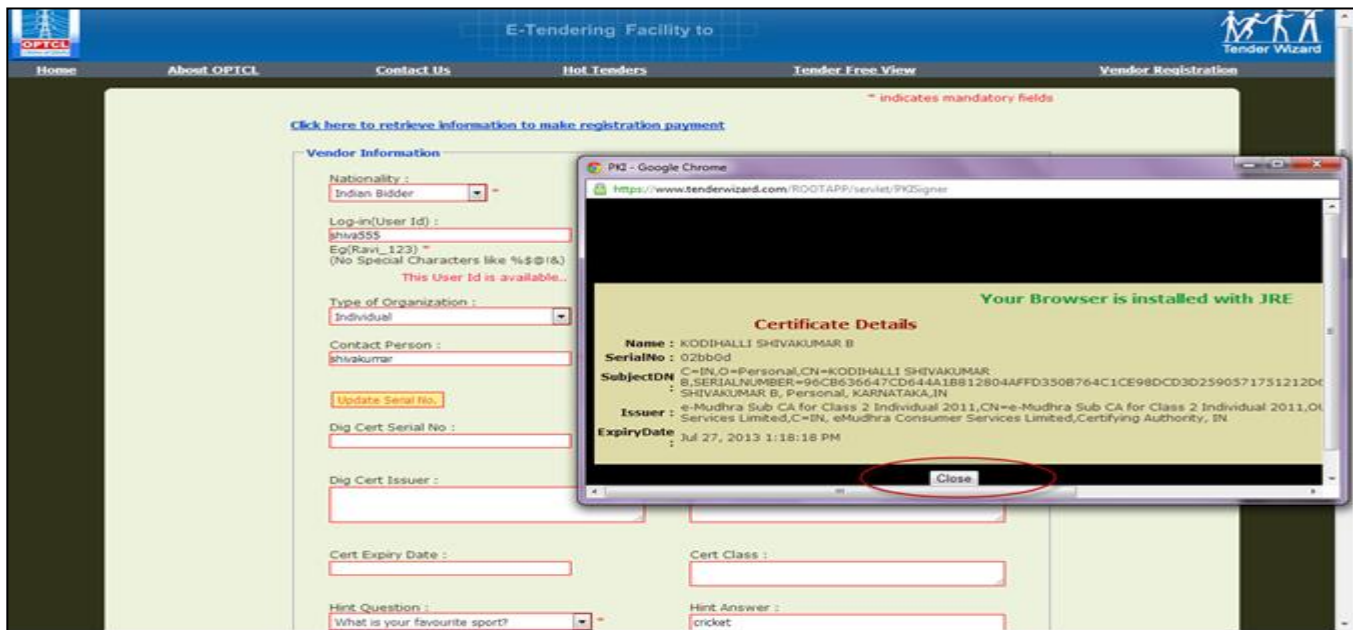


- ♣ **Step 6:** Click the Login button to proceed with the PKI-based login



♣

♣ **Step 7:** Then click on “Register”



♣

♣

♣ **Step 8:** Then click close and the Digital Signature certificate details will be automatically be filled as shown in fig below.

Home Guidelines to Bidders Contact Us **Tender Closing in 24 hrs.** Tender Free View New User Sign In

Vendor Information * indicates mandatory fields

Nationality : Indian Bidder *

Log-in(User Id) : eRegistration
Eg(Ravi_123) *
(No Special Characters like %\$@!&)
This User Id is available..

Check Availability

Type of Organization : Company

Company Name : eRegistration *

Contact Person : eRegistration *

Designation :

Update Serial No.

Dig Cert Serial No : 02ba6d *

Dig Cert User Name : DHEEMANTH KUMAR K *

Dig Cert Issuer : e-Mudhra Sub CA for Class 3 Individual 2011, CN=e-
Mudhra Sub CA for Class 3 Individual
2011, OU=Certifying Authority, O=eMudhra *

Certificate Owner : Personal *

Cert Expiry Date : Jul 27, 2013 9:24:15 AM *

Cert Class : e-Mudhra Sub CA for Class 3 Individual 2011 *

Type of Registration :

Date of Registration : Valid Upto :

Registration Details with statutory bodies

Registered with : Registration No :

Class of Registration :

Date of Registration : Valid Upto :

TERMS & CONDITIONS

☒ I have Read and Accepted the [Terms & Conditions](#).

Other Details (if applicable)

VAT/TIN No : CST/Sales Tax No : Service Tax Registration No :

Type the characters you see in the picture below.

83d6

83d6

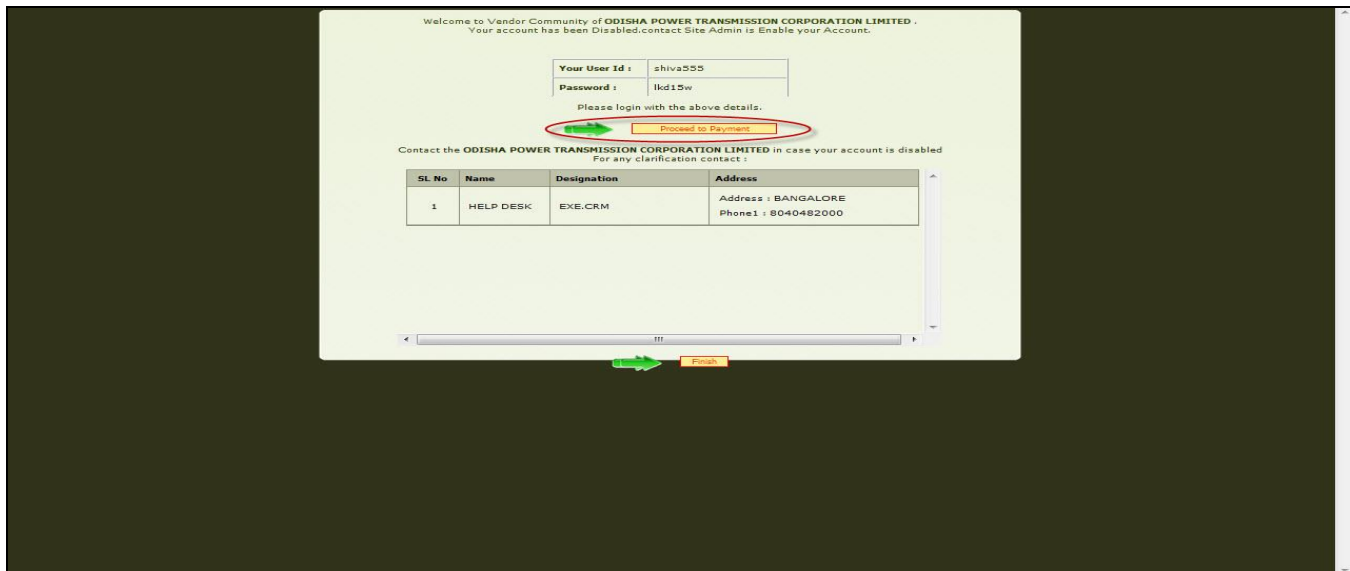
Create Profile Reset

- Once you click on Create profile below page will be displayed.
- Now you will get a user id and password as shown in the below figure, then click on proceed payment option to make a payment



♣ And the payment page will be displayed as below figure.

♣ Select your particular class and Make Payment



PAYMENT

User Information

User Id :	shiva555	Company Name :	shivakumar Enterprises
Contact Person :	shivakumar	Landline No. :	1234567890
Email Address :	asdfg@asl.com		

NEFT Challans

Payment Details

DD CASH NEFT/RTGS

DD DETAILS

DD No : 456787 DD Date : 02-04-2013

Bank Name : state bank of india Amount : 1

Please wait ... [Cancel](#)

- Once you click on make payment button system will provide you a USER ID and PASSWORD as shown in below figure.

Registration Acknowledgment

Thank you, Your payment has been successfully received with the following details.
Please quote your company name for any queries relating to this request.

Website Address: <http://www.tenderwizard.com/OPTCL>

User Information

User ID :	shiva555	Password :	lkdl5w
Company Name :	shivakumar Enterprises	Contact Person :	shivakumar
Landline Number :	1234567890	Email Address :	asdfg@asl.com

Payment Details

Mode of payment : DD

DD Number: 456787

DD Date : 02-04-2013

Bank Name : state bank of india

Payment Amount : 1

For Any Clarifications Pls Contact

Sl. No	Name	Designation	Address
1	HELP DESK	EXE.CRM	Address : BANGALORE Phone1 : 8040482000

[Print](#) [Close](#)



Contact Us:

For any further clarifications and activation / queries on eTendering, contact below address:

Help Desk Number and mail id	Helpdesk	080-40482000
	Sowmya.G	080-40482133
	Raghuprashanth	080-40482121
	Purushotham.C	080-40482126

Important	All the Vendors are advised to obtain Class III Digital signature Certificate which is mandatory for participating in Tender.

Digital Signature (PKI) Help Guide

CONTENTS

- SECTION-1 System Requirements**
- SECTION-2 PKI Installation**
- SECTION-3 Procedure for Log-in using PKI eToken**

SECTION-1 Systems Requirements

Supported Operating Systems:

- Windows XP professional
- Windows 2000 professional
- Windows Vista professional
- Windows 7 professional

Supported Office Tools (Word & Excel):

- Microsoft Versions 2007 & 2003 (.doc & .xls formats only)

Supported Browser:

- Microsoft Internet Explorer version 7, 8 and 9.

Minimum System Configuration:

- Any recent PC or Laptop
- USB Ports
- 512MB of Memory (RAM)

Resolution:

- Best viewed under 1024 x 768 pixels

PKI eToken Drivers:

- To enable successful PKI based log-in, the eToken drivers has to be installed and configured in the Internet Browser. For more information, refer eToken in FAQ document.

Minimum Internet Connectivity:

- 512 kbps Broadband

Supported File Types:

- Supporting Documents of only .doc, .xls, .pdf, .jpg & .png file types should be uploaded of size not exceeding 5 Mb per attachment.
It is recommended that all files to be uploaded are error free.

SECTION-2 PKI Installation

1. Install the EXE file from CD

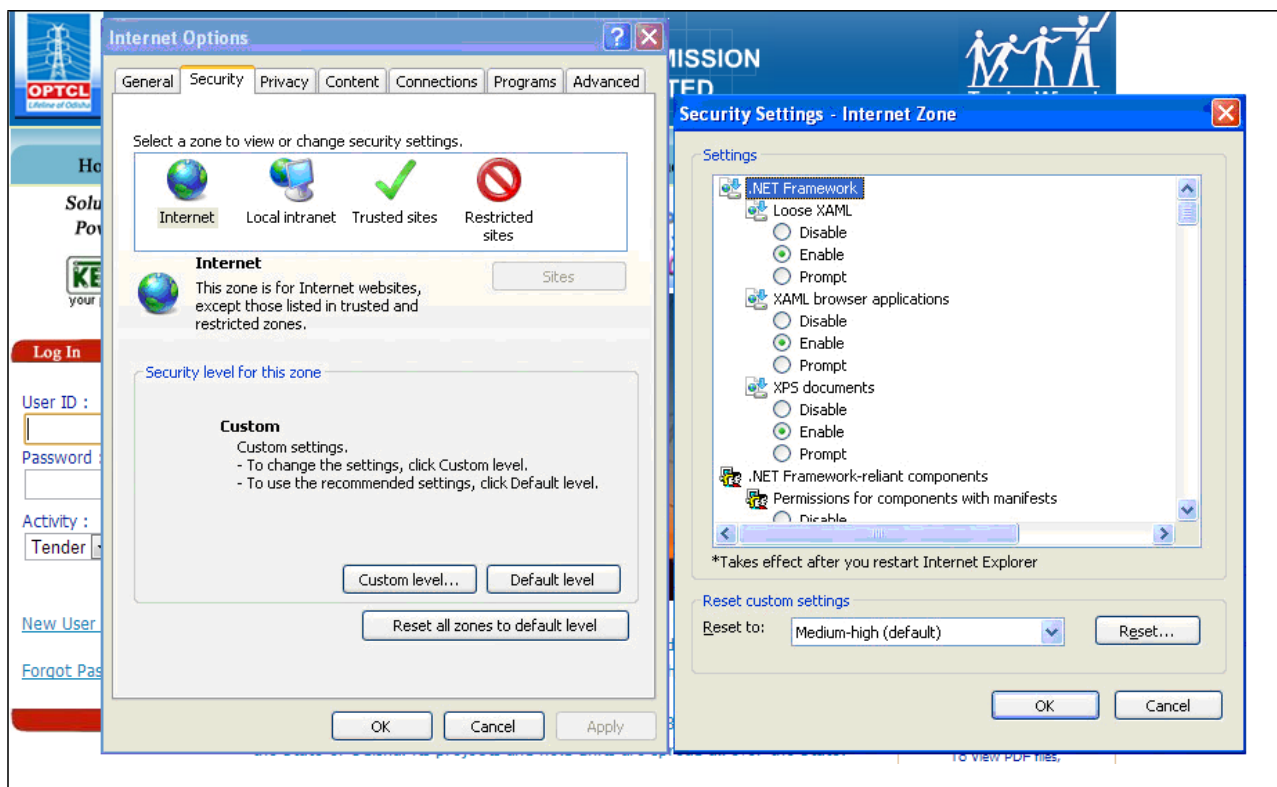
eToken Model	Alladin
Step A	Insert CD to CD drive
Step B	Install etoken drivers. (Or Click on Installation EXE in CD and install eToken drivers.)
Step C	In the CD, right click the chain certificate and install (separate CD)

Note: If the tokens are like, iKey, Starkey, Vasco & Gemalto. The respective drivers have to install.

2. Restart the system
3. Plug the PKI Key in System.
4. Open IE browser.

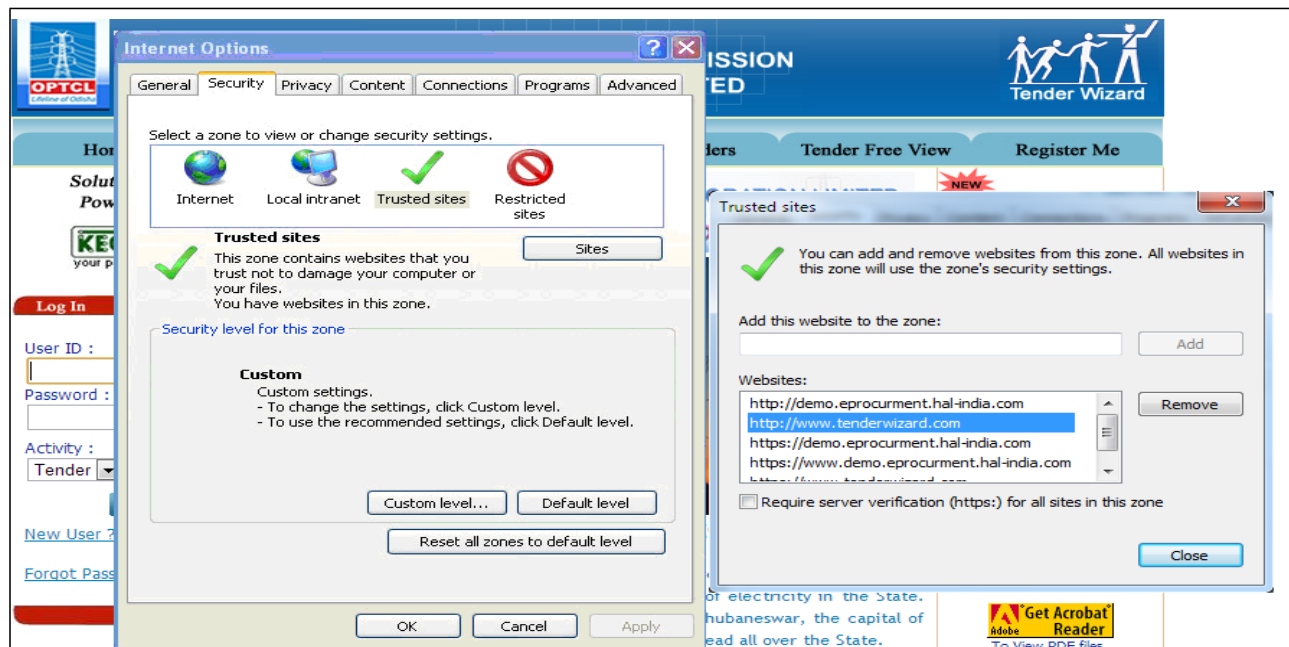
a). Enable ActiveX controls:

- i) Go to Tools>Internet options, Click 'Security', then select 'Internet'.
- ii) Click 'Custom Level' and enable all the options for 'ActiveX controls and plugins' and make "Low safety" for S/w channel permissions.
- iii) Same for Local Intranet and Same for Trusted Sites.
- iv) Click 'OK' to save the setting.



b).Trust the website (Adding of eProcurement Url in Trusted Sites):

a) To Copy the URL of the eProcurement site (Eg: <https://www.tenderwizard.com/OPTCL>)



b) Go to *Tools>Internet options*

c) Click '*Security*', then select '*Trusted Sites*' and click '*Sites*'.

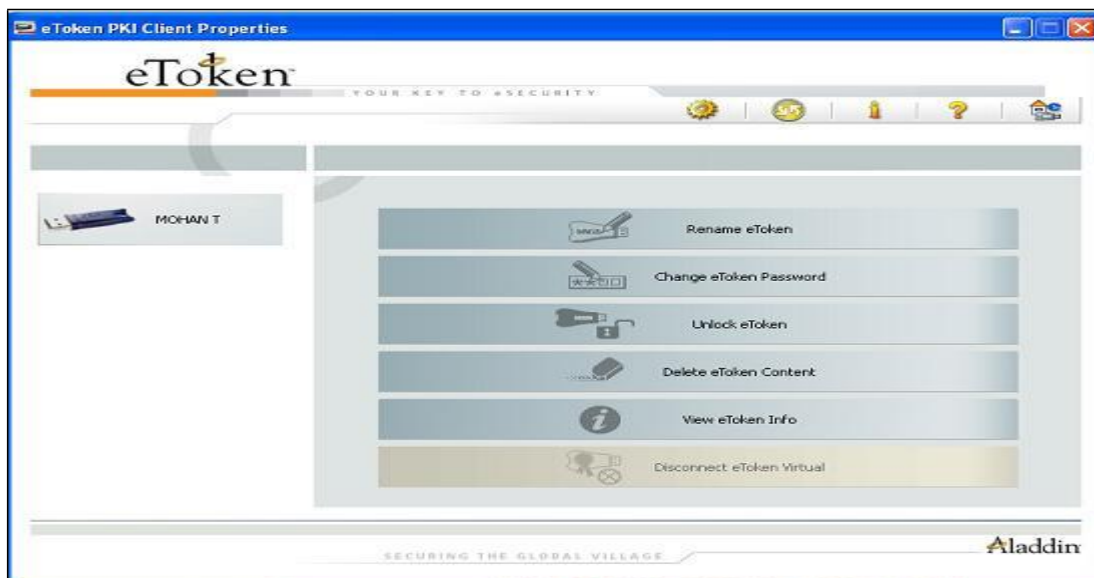
d) Enter the URL of eProcurement site Ex., <https://www.tenderwizard.com/OPTCL> & deselect the option '*Require Server Verification (https) for all sites in this zone*'. e)

Click '*Add*'.

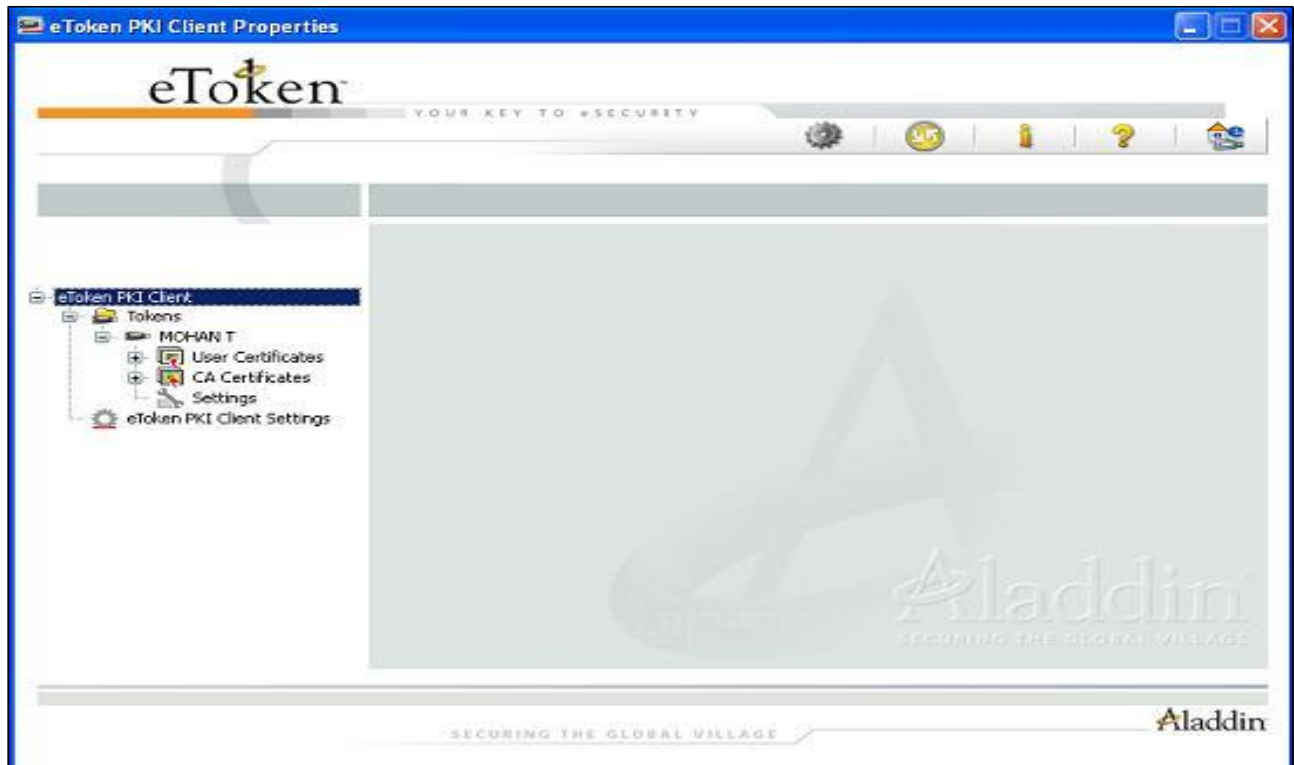
f) Click '*OK*' to save the settings.

Insert the token, **Click on Start>> Programs>> e Token >> e Token Properties** – You will be redirected to the below screens:

Screen 1



Screen 2 – Click on Advanced View



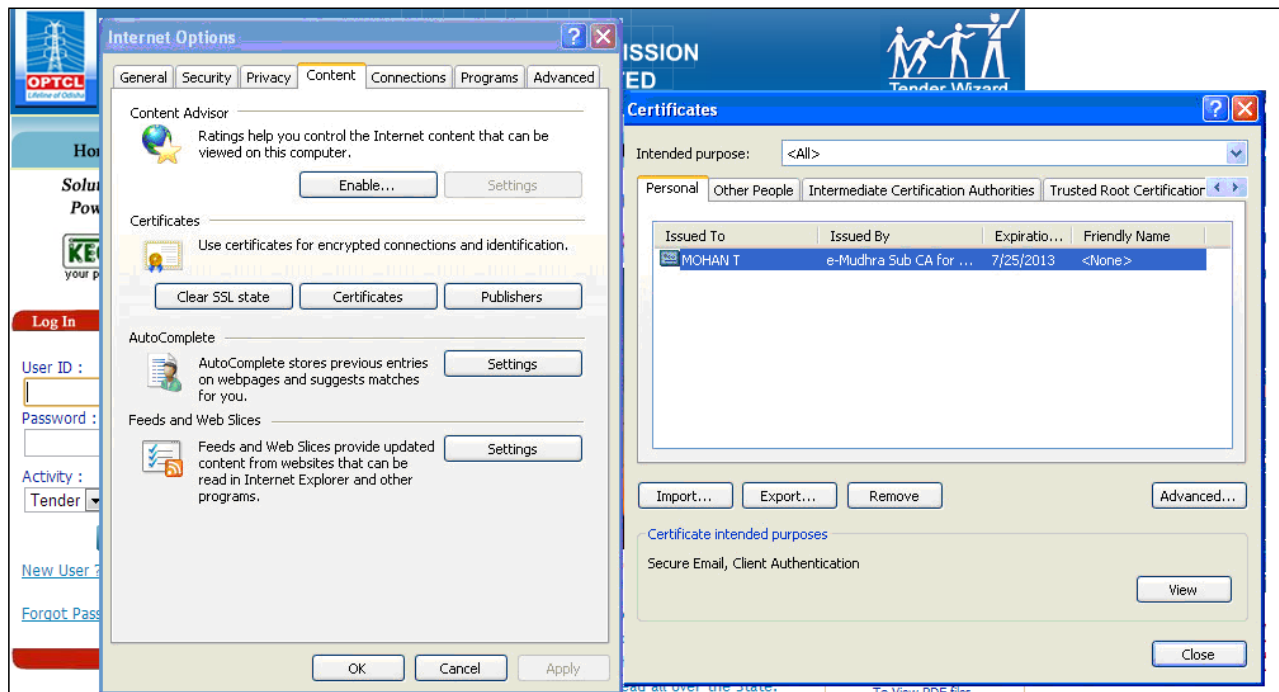
Screen 3 – Select the Certificate



The above screens confirm that your certificate is available.

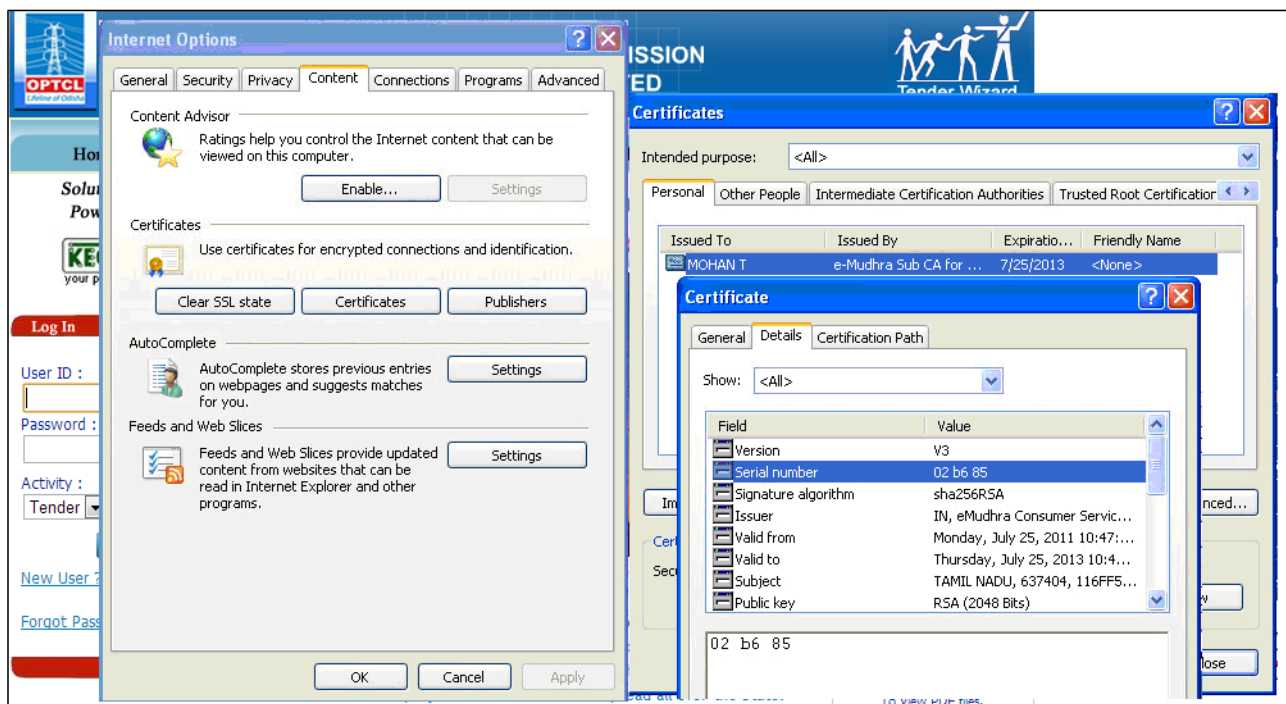
Next step is to check the certificate in Internet Explorer:

Insert the token, open the **IE >> Tools >> Internet Options >> Contents >> Certificates** – You will get the name of the Certificate user in the window as shown below:



View DSC serial number:

Select the certificate and click on “view” button and go to “detail” where you can view the serial number of certificate.



If certificate is shown in both the places, then you can login.

SECTION-3 Procedure for Log in using PKI eToken

- 1) Open the browser and enter the URL: <https://www.tenderwizard.com/OPTCL>
Enter your eProcurement User ID and Password and Click on "Login".

Home About OPTCL Contact Us Hot Tenders Tender Free View Register Me

Solution Powered By **KEONICS** your perfect partner

ODISHA POWER TRANSMISSION CORPORATION LIMITED
(A Govt. of Odisha Undertaking)
The Lifeline Of Odisha

Log In

User ID :
Password :
Activity :
Tender
Go !

New User ? Sign Up
[Forgot Password?](#)

ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL), one of the largest Transmission Utility in the country was incorporated in March 2004 under the Companies Act, 1956 as a company wholly owned by the Government of Odisha to undertake the business of transmission and wheeling of electricity in the State. The registered office of the Company is situated at Bhubaneswar, the capital of the State of Odisha. Its projects and field units are spread all over the State.

NEW
Help Manuals / DSC Application Forms / Circulars
Check Browser Compatibility
Verify Browser PKI setting
System Requirements
FAQ'S ?
Autodesk DWF Viewer
Install the DWF Viewer to view AutoCad drawing files.
Get Acrobat Reader
To View PDF files.

For first time login with DSC, system will ask to install the Java components. Follow the screens below:

Note: If not asked, you have to install Java version 6 update 29 or 30.

Screen 1



Screen 2



Screen 3



Screen 4



Screen 5



Screen 6



Click “Run” to run the java applet.

After all these exercises, if you are not able to download the components, then it should be one of the reason mentioned below:

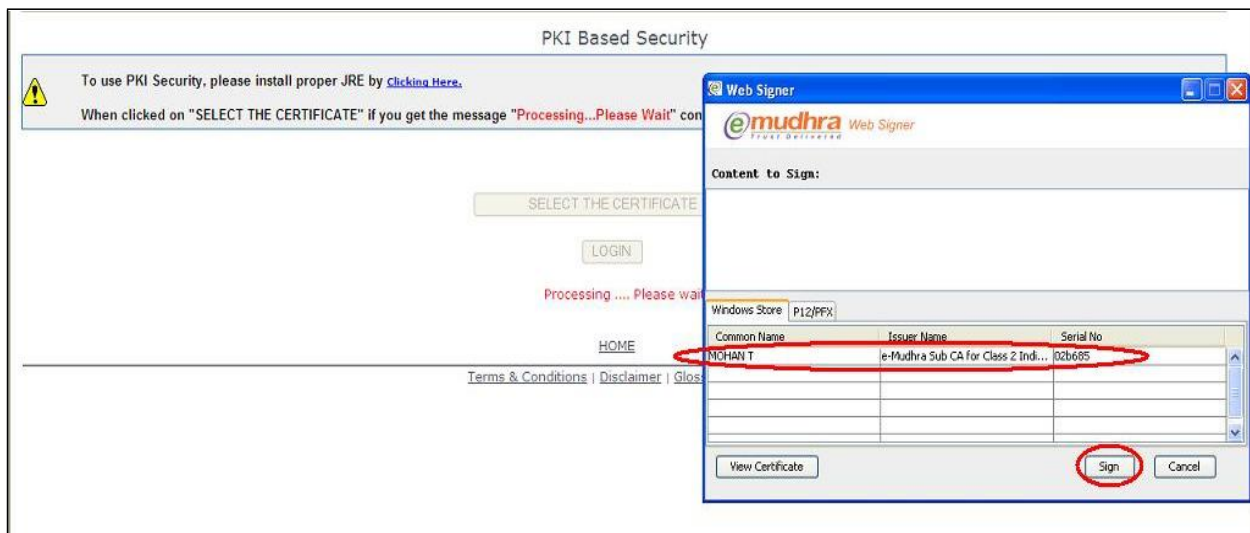
- PKI Token should be Aladdin or Rainbow Token's. If any other tokens, then take the help of your service provider for the drivers.
- The Java applet may not install in your computer in two cases; 1) Antivirus blocks the same or 2) There is no administrator role. In these cases, please contact your administrator to resolve the issue.
- In case you have any queries related to this, please contact our helpdesk any time. Helpdesk numbers are mentioned in our website >> contact us page.
- If Java is already downloaded to your computer then you can view  icon on the right hand side of your computer. You can click on this and check for the version.

3) Click "SELECT THE CERTIFICATE"

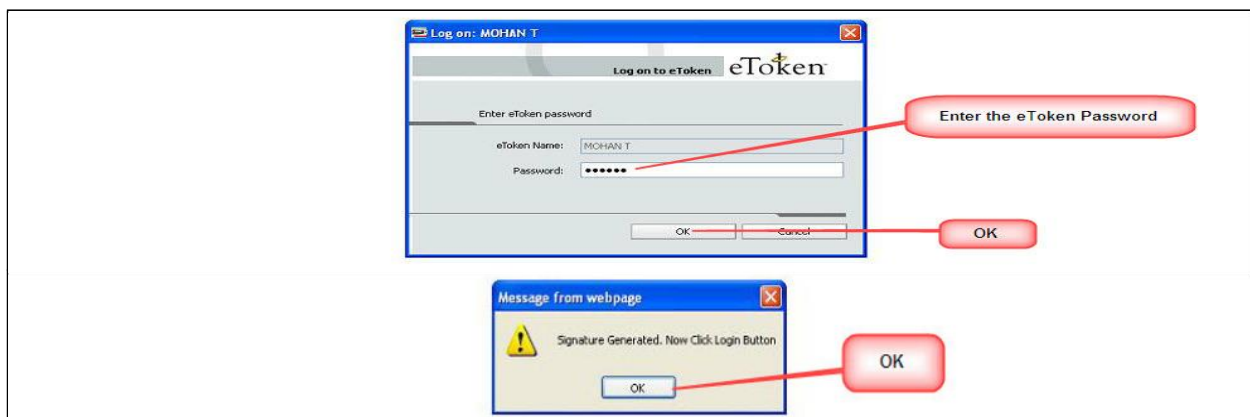
IMPORTANT: If downloading PKI COMPONENTS screen appears, wait until certificate selection screen appears. (It may take around 5 minutes to download eMudhra Web Signer component)



4) Select your certificate and press OK. (Refer Figure as shown below)



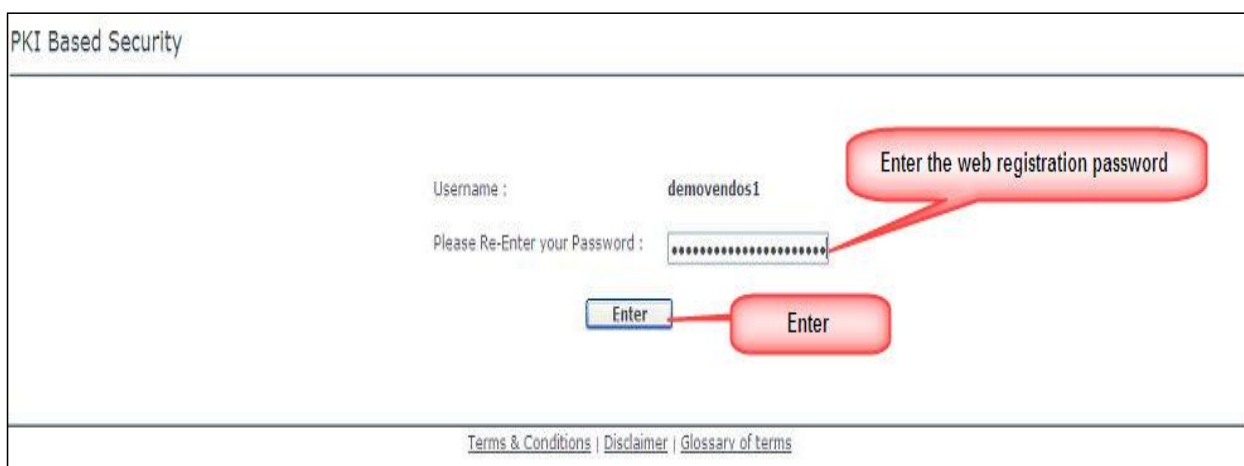
5) Provide eToken Password and Click "Ok".



6) Click "LOGON".



7) Reenter the etender site User Id and Password, press enter.



8) In Progress screen appears after successful login.

(For vendors same up to point 6 and then they have to select the department. Then they will login and default will be In Progress screen.)

Note for OS: For all the OS (Windows 98 to Vista) above setting will be same. But for Windows 07, first go to "My Computer" properties and please check, is it 32 bit or 64 bit. Depending on that the Exe will be given for installations.

Note for IE's: For all browsers whose versions are below IE 8 the steps will be common as above explanations. But for IE 8 and above, in Tools-- Internet Options -- Security -- after doing all the above stated steps, the option "Enabled Protected Mode (requires restarting Internet Explorer)" the check box should be deselect/unchecked.

For more details/support,

e-Procurement Helpdesk: 080 – 40482000.

TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK

Materials of following specification are to be used in work. The Bidder are expected to possess and be well conversant with the following IS standard and code of practice.

1.	Cement	Will be as per I.S. 269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and complex cube test before commencement of work in each batch).
2.	Steel	I.S. 432 (Plain) and 1785 (Tor)
3.	Vibrator	I.S. 7246
4.	Aggregate	I.S. 383, I.S. 515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S. 456 and I.S. 2025.
6.	Sand / Fine Aggregate	I.S. 2116, 383
7.	Binding wire	I.S. 280 (galvanised minimum 1 mm)
8.	Rain water pipe	I.S. 2527
9.	Construction joints	I.S. 3414
10.	Steel Window Frame	I.S. 1038/83
11.	Steel Door Frame	I.S. 4351/75
12.	Fitting & Fixtures for journey works	Conforming to I.S. 7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

Note : For road work (Approach Road) specification as per road and bridges (latest edition) published by I.R.C & M.O.S.T. shall be followed. In case of any doubt and absence of provision, regarding specification I.S. shall be referred (Indian standard).

ITEM OF WORK

1. Concrete shall be with conformity to I.S.456.
2. Foundation shall be with conformity to I.S.1080.
3. Stone masonry (R.R.) shall be with conformity to I.S.1597 (Part-I)
4. C.R. Masonry shall be with conformity to I.S.1597.
5. Brick masonry shall be with conformity to I.S.2212.
6. Cement plastering shall be with conformity to I.S.9103 & 6925.
7. Mortar shall be with conformity to I.S.2250
8. White and colour washing shall be with conformity to I.S.6278.
9. CC in foundation shall be with conformity to I.S.2571.
10. Anti-Termite Treatment shall be with conformity to I.S.6813. (Part – I & Part – II)
11. Painting to all surfaces shall be with conformity to I.S.2395 (Part – I & Part – II)
12. DPC shall be with conformity to I.S.3067
13. Tarfelt treatment shall be with conformity to I.S.1346
14. Mosaic flooring with conformity to I.S.2114
15. Steel painting shall be with conformity to I.S.1477 (Part – I & Part – II) I.S.1661

GENERAL CONDITIONS

1. Drawings & Specifications

The Contractor, after the award of the contract and on signing the agreement shall be furnished free of cost two copies of each of the drawings specifications, descriptive schedules and other details necessary for execution of the work. All further drawings and details as may be prepared by the department from time to time for reasonable development of the work described in the contract documents and reasonably necessary to explain and amplify the contract drawings and to enable the contractor to execute and complete the work shall also be supplied in duplicate to contractor free of cost.

Any further copies of such drawings, required by the contractor shall be paid for by him.

The contractor shall keep one copy of all the drawings specifications, price schedule of items and quantities at work site and the Engineer-in-charge or his authorised representative shall at all reasonable times have access to the same.

2. Contractor's Responsibility.

a) The contractor shall provide at his cost everything necessary for the proper execution of the works according to the intend and meaning of the drawings, schedule of items and quantities and specifications taken together, if the same is not particularly shown or described therein, provided that the same can reasonably be inferred there from, if the Contractor finds any discrepancy in the drawings or between the drawing and schedule of quantities and specifications, he shall immediately in writing refer the same to the Engineer-in-charge whose decision shall be final & binding.

b) Any work done at any time or even before receipt of such details shall be removed/replaced by the contractor without any expense to the department If the work is not in order and if so directed by the Engineer-in-charge error inconsistencies in drawings and local conditions affecting the works shall be brought to the notice of the Engineer-in-charge immediately for his decision.

All drawings, bill of quantities and specifications and copies therefore furnished by the department, are their property. They shall not be used on any other work and shall be returned to the Department on request on completion and before issue of final certificate or termination of the contract.

c) All materials and workmanship shall be of the respect kinds described in the specification. B.O.Q, contract and in accordance with the instruction of the Engineer-in-charge. The contractor must satisfy himself about the same while furnishing samples for approval of the Engineer-in-charge before incorporation in the works.

d) The Engineer-in-charge may from time to time cause at his discretion such tests on samples of materials or workmanship of all/any materials and work, as he may consider necessary at places of manufacture, fabrication, on the site or at such other places. The expenditure incurred for all such tests shall be borne by the contractor.

e) All approved samples are to be preserved by the contractor in a regular manner in the site office for inspection and verification of the Engineer-in-charge or his representative from time to time.

g) Alteration / Addition & Omissions

The Engineer-in-charge shall make any variation of the form, quality or quantity of the works or any part thereof that may be in his opinion be necessary and for that purpose or if for any, other reason it shall, in his opinion be desirable, he shall have power to order the Contractor to do so and the Contractor shall do any or all of the followings:

a) Increase or decrease the quantity of any work included in the contract.

b) Omit any such work.

c) Change the levels, lines, position and dimensions of any part of the works, and

d) Execute additional works of any kind necessary for the completion of the work.

No such variation shall in any way ratify or invalidate the contract, but the value of all such variations shall be taken into account and shall be added to or deducted from the contract sum accordingly, but no

such variation shall be made by the contractor without prior written instruction from the Engineer-in-charge.

- e) The Schedule of quantities/rates shall be deemed to have been prepared and included in accordance with the method of measurement of work set out and as per the relevant specifications or in its absence relevant I.S. code of practice.

Any error in the specification or in quantity or omission of any item from the schedule of quantities/rates shall not vitiate the contract, but be adjusted by adding to or deduction from the contract sum provided that no rectification of errors, if any, shall be allowed in the contract schedule of rates.

4. Valuation of variations

- a) All extra or additional work done or work omitted shall be valued at the rates and price set out in the prices schedule of quantities, and/or derived therefrom, if in arriving at the contract sum, the Contractor have added to or deducted from the total of the items in the tender any sum either as a percentage or proportion, then the same percentage or proportion shall apply to all items or works in the prices schedule as also for valuation of variation.
- b) If the contract does not contain any rate or price applicable to the extra or additional work, or the rate or price in the priced schedule of quantities has become inapplicable in the opinion of the Engineer-in-charge by virtue of such addition or omission, then suitable rates or price shall be agreed such rates shall be derived by analysis based on standard schedule of rates of State P.W.D. / P.H.D or in case such is not available therein, from any approved schedule with the various elements valued at local market price plus 15 (fifteen) percent towards over-heads.

5. The Offers are also to include

- a) To supply all materials, labour, supervision, services, supports, scaffoldings, approach road, construction equipments, tools and plants etc., as required for proper execution of all the items of the work as per drawing and specification.
- b) To provide all incidental items not shown or specified in particular, but reasonable or necessary for successful completion of the work in accordance with the drawings, specifications and schedule of quantities.
- c) Cleaning, Uprooting the stumps, vegetation and old masonry etc., met in the trenches and excavations.
- d) Providing shoring and shuttering to avoid sliding of the soils and removal of the same or completion.
- e) De-watering as required and directed.
- f) Excavation at all depths (Unless otherwise mentioned in schedule), stacking separately usable and disposal of surface earth and materials from site as directed.
- g) Curing of all concrete and cement works as per specification and direction,
- h) Centring, shuttering as required for all concrete work.
- i) Bending, binding, tying the grill & placing in position, including supply of all materials & labour etc.
- j) To provide water and power required for construction testing and commissioning,
- k) Testing of materials and works as per specification and direction

C O D E S

Codes shall mean the following including the latest ascendants and / or replacement if any.

- a) Indian Boiler Act, 1923 and Rules and Regulations made there under
- b) Indian Electricity Act, 1923 and Rules and Regulations made there under

- c) Indian Factories Act, 1948 and Rules and Regulations made there under
- d) The minimum wages Act
- e) The Women's Compensation Act
- f) The Payment of Wages Act
- g) The Fatal Accident Act
- h) The Industrial Employment Act
- i) The Employment provident Fund Act
- j) Indian Explosive Act 1984 the Rules and Regulations made there under
- k) Indian Petroleum Act 1934, and Rules and Regulations made there under
- l) A.S.M.E. Test Codes
- m) AIRE Test, Codes
- n) American Society of Materials Testing Codes
- o) Standards of the Indian Standards Institution

1)	Low Tension Circuit Breakers :	IS 2516-1955 Part I Sec.1
2)	Switchgear Bus Bars	IS 375-1963
3)	HRC fuse links	IS 2208-1962
4)	Distribution fuse boards	IS2675-1966
5)	Enclosure for Low Voltage switchgear	IS214701962
6)	PVC Cables	IS1554-1975
7)	Tabular fluorescent lamps for Cameral lighting service	IS2418-1963
8)	Tungsten Filament Lamps for cameral service	IS415-1963
9)	Ceiling Fans	IS274-1966
10)	Flood lights	IS1947-1961
11)	Wall Glass flame-proof electric light fittings	IS2206-1962 (Part 1)
12)	Water Tight Electric Light Fittings	IS3553-1956
13)	Steel Boxes for Enclosure of Electrical Accessories	IS5133-1969
14)	Fittings for Rigid Steel conduit	IS2667-1979
15)	Rigid steel circuits for electrical wiring	IS3837-1966
16)	Accessories for Rigid Steel Conduits for Electrical Wiring	IS3837-1966
17)	Switch Socket Outlets	IS3837-1966
18)	PVC Wiring	IS694-1977
19)	Switches for domestic and similar purpose	IS3854-1966
20)	PVC wiring	IS694-1977
21)	Call Bell and Buzzers	IS2268-1966
22)	Straight through joint boxes and leads sleeves or paper insulated cables-	EID-0032-1964
23)	Earthing	IS3043-1966

24)	Electrical Wiring installations	IS732-1963
25)	Switchgear	IS3072-1965 (Part I)
26)	Lighting protection	IS2309 –1969
27)	Public Address system	IS1882-1962
28)	Low Tension switch use units	IS4064-1978
29)	Code of Practice for Automatic FIRE ALARM system	IS2189-1970
30)	Specification for Heat Sensitive Fire Detectors	IS2175-1977
31)	Guide for Safety procedure in Electric work	IS5216-1969
32)	Rubber Mats for Electric works	IS5424-1969
33)	Other internationally approved standards and / or Rules and Regulations touching the subjectmatter of the contract	
34)	Low Tension Circuit Breakers : IS 2516-1955 Part I Sec.1	
35)	Switchgear Bus Bars	IS 375-1963
36)	HRC fuse links	IS 2208-1962
37)	Distribution fuse boards	IS2675-1966
38)	Enclosure for Low Voltage switchgear	IS214701962
39)	PVC Cables	IS1554-1975
40)	Tabular fluorescent lamps for Cameral lighting service	IS2418-1963
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42)	Ceiling Fans	IS274-1966
43)	Flood lights	IS1947-1961
44)	Wall Glass flame-proof electric light fittings	IS2206-1962 (Part 1)
45)	Water Tight Electric Light Fittings	IS3553-1956
46)	Steel Boxes for Enclosure of Electrical Accessories	IS5133-1969
47)	Fittings for Rigid Steel conduit	IS2667-1979
48)	Rigid steel circuits for electrical wiring	IS3837-1966
49)	Accessories for Rigid Steel Conduits for Electrical Wiring	IS3837-1966
50)	Switch Socket Outlets	IS3837-1966
51)	PVC Wiring	IS694-1977
52)	Switches for domestic and similar purpose	IS3854-1966
53)	PVC wiring	IS694-1977
54)	Call Bell and Buzzers	IS2268-1966
55)	Straight through joint boxes and leads sleeves or paper insulated cables-	EID-0032-1964
56)	Earthing	IS3043-1966
57)	Electrical Wiring installations	IS732-1963
58)	Switchgear	IS3072-1965 (Part I)

59)	Lighting protection	IS2309 –1969
60)	Public Address system	IS1882-1962
61)	Low Tension switch use units	IS4064-1978
62)	Code of Practice for Automatic FIRE ALARM system	IS2189-1970
63)	Specification for Heat Sensitive Fire Detectors	IS2175-1977
64)	Guide for Safety procedure in Electric work	IS5216-1969

SPECIAL CONDITION

- 1) The Contractor will not claim anything in any shape from the Government if the work is curtailed or stopped at any stage for want of funds.
- 2) In the event of curtailment of allotment or paucity of funds (letter of credit) want of revised A/A, change in structural design and drawing, if the scope of work reduced, contractor shall not claim compensation of any nature from Govt. of Odisha.
- 3) The Contractor shall record and submit the photograph of the work prior to repair and post repair, in shape of soft copy (CD) and Hard copy of reference and record prior to finalisation of work bills.
- 4) Stage pass method to be adopted. Payment shall be made after verification of stage pass report.
- 5) Maintenance of stretch being developed, diversion traffic management is responsibility of the contractor.
- 6) All quality control test both at site and laboratory should be conducted for the work as envisaged in MORT & H specification for Road & Bridge works (4th Revision) and results be recorded in the stage pass register both for the materials used and product.
- 7) The work programme of the contractor should be followed strictly during course of execution and progress received from time to time. This work shall be completed in all respects as per the project outlay without fail.
- 8) No extra expenditure will be allowed on any account pertaining to this work till its completion. Work is to be restricted to funds available.
- 9) The work is to be completed without cost overrun and time over run. Responsibility has to be fixed for delay in execution of the work and cost overrun. In no case the work shall be spilt over to next year and it has to be completed by as the allotment for the work is valid up to
- 10) Govt. of Odisha, Works Department Letter No.FAR 2/05-(pt) 24416 dt.24/12/05.

Clause No.2.1.4.

If at any time it should appear to the Engineer-in-charge that, the actual progress of the work does not confirm to the programme to which consent has been given, the contractor shall produce at the request of the Engineer-in-charge, a revised programme showing the modification to such programme necessary to ensure completion of the work within the time of completion. If the contractor does not submit an up-dated programme within this period, the Engineer-in-charge may withheld the amount of 1% of the contract value from the next payment certificate and continue to withheld this amount until the next payment after the date on which the overdue programme has been submitted.

SPECIAL CONDITION

All the concrete works must be cast either in the presence of Asst. Engineer or Junior Engineer and all pre measurement must be made either in the presence of Asst. Engineer or Junior Engineer before casting of R.C.C. Works.

SPECIAL CONDITION

The RCC / Cement Concrete casting work must be done either in the presence of Asst. Engineer or Junior Engineer concerned.

PROFORMA

Date	Nature of Work executed	Approximate quantity to be executed (in Cum)	Length / Area (In Meter / Sqm)	Officer Present with sign.	Remarks.
1	2	3	4	5	6

The above report be submitted to Division Office in every fortnight.

UNDERTAKING.

I / We Sri

S / O Village.....

P.O.P.S.....

Dist..... do hereby undertake that, I / We will not claim anything in shape from the Government if the work assigned to me / us curtailed or stopped at any stage for want of funds.

Signature of the bidder.

Date :-

REVERSE AUCTION PROCESS COMPLIANCE FORM

To

**The Superintending Engineer (Civil)
Civil Works Circle, OPTCL
Bhubaneswar, Odisha**

Sub:- Agreement to the Process related Terms & Conditions for e-Reverse Auction.

Ref: Tender Specification No-

Dear Sir,

This letter is to confirm that:

- The under signed is authorized representative of the company.
- We have studied the Commercial Terms and the Business rules governing the Reverse Auction as mentioned in your tender and confirm our agreement to that.
- We also confirm that we have gone through the auction manual and have understood the functionality of the same thoroughly.
- We, hereby, confirm that we will honour the Bids placed by us during the tendering / e-Reverse auction process as called as e-RA.
- We also confirm that we will accept our Rank / Position that will be displayed when the Bidding Time for the Online Reverse Auction is over.

With regards,

Signature with Designation with company seal name & address
(Person having power of attorney for the subject package)

**[To be submitted on Letter Head of the bidding firm / company with sign & stamp and
along with Technical Bid]**

SCHEDULE – A

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* **related/not related*** to any officer of P.W.D/OPTCL of the rank of Assistant Engineer/Assistant Manager & above and any officer of the rank of Assistant / Under Secretary and above of the Works Department, Govt. of Odisha I/We* am/are* aware that, if the facts subsequently proved to be false, my/our* contract will be rescinded with forfeiture of E.M.D and security deposit and I/We* shall be liable to make good the loss or damage resulting from such cancellation.

I/We also note that, non-submission of this certificate will render my / our tender liable for rejection.

(*) - Strike out which is not applicable

Signature of the Bidder

Date:-

SCHEDULE – B

CERTIFICATE OF EMPLOYMENT OF UNEMPLOYED GRADUATE

ENGINEER / DIPLOMA HOLDERS

(For Super class / special class / A class contractors only)

I / We hereby certify that at present the following Engineering personnel are working with me / in our firm / company and their bio-data are furnished below.

S l. N o .	Name of Engineering personnel appointed for supervising contractor's work with address.	Qualification	Date of Appointment	Monthly emolument	Whether full time engagement and continuous.	If they are superannuated / retired / dismissed or removed personnel from state Govt./ Central Govt./ Public Sector Undertaking / private Companies and s or any one ineligible for Government service.
1	2	3	4	5	6	7

I / We also note that, non-submission of this certificate will render my / our tender liable for rejection.

Signature of the bidder.

Date:-

SCHEDULE – B1

UNDER TAKING

This is to certify that

1. My firm has neither been associated, directly or indirectly, with the Consultant or with any other entity that has prepared the design, specifications, and other documents for the Project nor has any person associated with been proposed as Project Manager for the Contract.
2. My firm has not engaged any agency and any of its affiliates engaged by the Engineer-in-Charge to provide consulting services for the preparation or supervision of this work.
3. My firm has not engaged any Engineer of gazetted rank employed in Engineering or Administrative duties in an Engineering Department of the Government of Odisha or other gazetted officer retired from Government service during last two years without prior permission of the Government of Odisha in writing on or before submission of this tender. I am aware that my contract is liable to be cancelled if either I or any of my employees is found any time to be such a person who had not obtained the permission of the Government of Odisha as aforesaid.

Signature of the Tenderer.

Date:-

Note: i. Strike out whichever is not applicable

- ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

SCHEDULE – C

PLANT AND EQUIPMENT PROPOSED TO BE EMPLOYED BY THE APPLICANT FOR USE ON THE WORK

Sl. No	Name of the Equipment	No of Unit	Kind & Make	Invoice No/Vehicle Regd. No	Own/Lease	Name of the Owner	Lease Agreement No with agreement date, if leased	If leased indicate the date when the current lease expires

I/We also note that, non-submission of this certificate will render my/our tender liable for rejection.

Signature of the Bidder

Date.

A. Construction Equipment

B. Vehicle Trucks etc.

Reference Annexure-I for list of essential equipment for contracts

Note : This criteria is not a compulsory criteria.

SCHEDULE – D1

WORKING EXPERIENCE

D-1. LIST OF PROJECTS EXECUTED

[As per ITB Clause No.2.5 (Special Criteria) with Experience Certificate from competent authority]

Name of Employer	Name of location and name of work	Contract price in Indian Rupees	Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Actual date of completion of the work	Reasons for delay in starting/ completion, if any
1	2	3	4	5	6	7	8

Note:

***Documents in support of Work experience certified by the Engineer in Charge not below the rank of Executive Engineer Must be furnished**

Signature of the Bidder

SCHEDULE - D2

WORKING EXPERIENCE

D-2. LIST OF PROJECTS IN PROGRESS

Name of Employer	Name of location and name of work	Contract price in Indian Rupees	Items of works	Date of starting the work as per Agreement	Stipulated date of completion of the work as per Agreement	Revised target date of completion of the work, if any	Reasons for slow progress, if any, with the updated billing amount
1	2	3	4	5	6	7	8

Signature of the Bidder

- The statement showing the value of existing commitments and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer-in-charge not below the rank of an Executive Engineer.

SCHEDULE – E

INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERED OR ABANDONMENT OF WORK BY THE BIDDER

- | | | | |
|----|----|--|----------|
| 1. | a) | Is the bidder currently involved in any litigation relating to the works. | Yes / No |
| | b) | If yes: give details: | |
| 2. | a) | Has the bidder or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years. | Yes / No |
| 3. | a) | Has the bidder or any of its constituent partners failed to perform on any contract work in India during the last 5 years. | Yes / No |
| | b) | If yes, give details: | |

Note:

If any information in this schedule is found to be incorrect or concealed, qualification application will be summarily be rejected.

Signature of the Bidder.

SCHEDULE – F (original to be submitted)

AFFIDAVIT

1. The undersigned do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither I / **our** firm M/s _____ nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorised and request (s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department

Signature of the Bidder

FORM-1

Financial Document

1.Tender Cost

Sl No	Name of the Bank	Issue branch	DD NO	Amount	Issue Date	Validity

Signature of the Bidder

FORM-2

Bidder Details

1. Name of the Firm/Contractor :
2. Contract Licence No :
3. Correspondence Address:
4. Permanent Address:
5. Tel/Mobile No.
6. Mail id:

Signature of the Bidder

Approved for 84 (EIGHTY FOUR) pages only

-Sd/-

**Superintending Engineer
Civil Works Circle, OPTCL, BBSR**