GOVERNMENT OF ODISHA

RURAL DEVELOPMENT DEPARTMENT

DETAILED TENDER CALL NOTICE

(FOR BRIDGE WORKS)

OFFICE OF THE CHIEF CONSTRUCTION ENGINEER,
RURAL WORKS CIRCLE, ANGUL

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GOVERNMENT OF ODISHA
OFFICE OF THE CHIEF CONSTRUCTION ENGINEER
RURAL WORKS CIRCLE,ANGUL

No.....1622/1 Dt.....12/5/26/

TENDER CALL NOTICE FOR BRIDGE WORKS IN ODISHA
NATIONAL COMPETITIVE BIDDING THROUGH *e-Procurement*

Chief Construction Engineer,Rural Works Circle,Angul on behalf of **Government of Odisha** invites **percentage rate tender for Bridge work through e-procurement as per Annexure.** The bid should be submitted on-line in the website www.tendersorissa.gov.in by eligible class of contractors of Government of Odisha or of equivalent class of other State Government / Railways/CPWD/MES having experience in construction of Bridge works in conformity with Detailed Tender Call Notice for execution of the works on drawal of agreement in percentage P1 contract forms of Government of Odisha. The bidders should have possessed compatible Digital Signature Certificates (DSC) of required Class. The registered bidders of outside Odisha can also participate in this process, after necessary Portal Enrolment, but shall have to subsequently undergo registration with the appropriate authority of the State Government before award of the work.

1.	Class of contractor		
(a)	Estimated cost more than Rs.20.00 Lakhs and within Rs.3.00 Crore	:	**'B' Class Contractor** (of Odisha PWD) or relevant class of other licensing authorities
(b)	Estimated cost more than Rs.1.00 Crore and within Rs.20.00 Crore	:	**'A' Class Contractor** (of Odisha PWD) or relevant class of other licensing authorities
(c)	Estimated cost more than Rs.6.00 Crore and within Rs.50.00Crore.	:	**'A' & Special class contractor (of Odisha PWD)** or relevant class of other licensing authorities
2.	Time for completion	:	**As mentioned in the annexure at column-7**
3.	E.M.D. required	:	1% of estimated cost of Earnest Money Deposit/Bid security of the amount specified for the work, the bidder shall make electronic payment using his/her internet Banking enabled account with designated Bank or their aggregator Bank such as SBI/ICICI/HDFC or the bidder having account in other Bank can make payment using NEFT/RTGS facilities of designated Banks. Bidders desirous to hire machineries or equipments from out site the State or owned but deployed out site the State are required to furnish 2% of the amount put to tender as Bid Security.
4.	Cost of tender paper	:	**Rs. 10,000/- per set.** (Non-refundable) only. The bidder shall make electronic payment using his/her internet Banking enabled account with designated Bank or their aggregator Bank such as SBI/ICICI/HDFC or the bidder having account in other Bank can make payment using NEFT/RTGS facilities of designated Banks.

5. Mode of Submission of tender : Tender should be submitted online in https://www.tendersorissa.gov.in

6. Period of availability of tenders on-line / Date & time of bidding on-line / last date of seeking clarification / Date of opening of tender papers : The details are as follows:

Procurement Officer	Bid Identification No.	Availability of Tender on-line for bidding		Last Date & Time of seeking clarification on Tender	Date & Time of opening of tender	
		From	To		Technical Bid	Financial Bid
1	2	3	4	5	6	7
Chief Construction Engineer, Rural Works Circle,Angul	Bridge Online-AGL-02/2026-27	20.05.26 at 9.00 A.M	03.06.26 up to 5.00 P.M	02.06.26 up to 1.00 P.M	04.06.26 at 9.00 AM	Will be intimated separately

7. Bids received online shall be opened at 9.00 AM on **04.06.26** in the office of concerned procurement officer in charge of the works in presence of the bidders who wish to attend. Bidders who participated in the bid can witness the date of opening of bids after logging on to the site through their DSC. If the office happens to be holiday on the last date of opening of the bids as specified, the bids will be opened on the next working day at the same time & venue.

8. The amount put to tender is exclusive of GST. The intending bidder should offer their rates excluding GST as applicable on works contract. The GST shall be paid over the work bill amount at the time of payment of each bill.

9. Bid documents consisting of qualification information and eligibility criterion of bidders, plans, specifications, drawings, schedule of quantities and abstract of estimate of the various classes of work is available in website www.tendersorissa.gov.in.**All bidders must have to furnish the information on work in hand in complete shape as per enclosed proforma (Proforma-II) failing which their tenders will be liable for rejection.**

10. The bid for the work shall remain open for acceptance for a period of ninety days from the last date of receipt of bids. If any Bidder / Tenderer withdraws his bid/ tender before the said period or makes any modification in the terms and conditions of the bid, the said earnest money shall stand forfeited.

11. The successful bidder who has quoted less bid price / rate than the estimated cost put to tender shall have to furnish additional performance security (APS) in the shape of Fixed Deposit Receipt/Bank Guarantee/ Term Deposit Receipt duly pledged in favour of Executive Engineer of concerned Division as per Office memorandum No 07764600022025-173/03.01.2026 and No. 632 dated 09.01.2026 of Government of Odisha, Works Department.

12. The bidder shall transfer online the cost of the bid document for Rs.10, 000/- per set only towards cost of the bid through a process as mentioned under DTCN.

. Other details can be seen in the bidding documents, which is available in website www.tendersorissa.gov.in

14. The addendum / corrigendum, if any will be hoisted in the website www. tendersorissa.gov.in

Authority reserves the right to reject any or all the tenders without assigning any reason thereof.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1623 // Date. 12/5/26 //

Copy forwarded to the Manager Publication, I &P R Department,Odisha,Bhubaneswar with a request to publish this notice in two English National Daily and two local Odia daily for wide publication on or before **dt.20.05.26**.The complementary copies of the News Papers containing the Tender Call Notice may please be sent to this office for reference and record.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1624 // Date. 12/5/26 //

Copy forwarded to the Director, Printing, Stationary & Publication, Govt. of Odisha,Madhupatna,Cuttack-10 for information and necessary action. He is requested to arrange for Publication in the next issue of Odisha Gazettee.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1625 // Date. 12/5/26 //

Copy submitted to the Commissioner-Cum-Secretary to Govt.of Odisha, Rural Development Department, Bhubaneswar for favour of kind information and wide publication.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1626 // Date. 12/5/26 //

Copy submitted to the Engineer-in-Chief-I / Chief Engineer(Buildings & Bridges)/Chief Engineer, Roads, Rural Works, Odisha, Bhubaneswar for favour of kind information and wide publication.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1627 // Date. 12/5/26 //

Copy to the Collector & District Magistrate, Dhenkanal for information and wide publication.

Chief Construction Engineer,
Rural Works Circle,Angul.

Memo No. 1628 // Date. 12/5/26 //

Copy forwarded to the Executive Engineer, R.W.Division Angul / Boudh / Superintending Engineer,R.W.Division Dhenkanal / Kamakhyanagar for information and wide publication.

Chief Construction Engineer,
Rural Works Circle,Angul.

Annexure - I

	Name of the work	Approx. Estimated cost excluding GST (in Rs.)	EMD required (In Rs.) to be submitted online	Cost of tender paper (In Rs.) to be submitted online	Class of contractor	Time of completion (in calendar months)	Name of R.W. Division
1	2	3	4	5	6	7	8
1.	Construction of Bridge over Benga nallah on Mahulpunji to Bhubanpur via Tenua road in the district of Dhenkanal under SBY for the year 2025-26 **(Open Foundation of 4 x 10.77 mtr.)**	3,10,61,425	3,10,614	10,000/- per set	'A' Class	12 (Twelve calendar months)	Rural Works Division, Dhenkanal
2.	Construction of Bridge over Chatara Nallah on Old C.S. Road to Pathargarh road in the District of Dhenkanal under SBY for the year 2025-26 **(Raft Foundation of 3 x 8.77 mtr.)**	1,93,16,891	1,93,169	10,000/- per set	'B' & 'A' Class	12 (Twelve calendar months)	Rural Works Division, Dhenkanal

Chief Construction Engineer,
Rural Works Circle,Angul

12/05/26

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 `**Rs.10, 000.00 (Online)**	D.T.C.N Clause No.04			
02.	**E.M.D @ 1% of the estimated Cost to be submitted Online**	D.T.C.N Clause No.06			
03.	Copy of valid Registration Certificate	D.T.C.N Clause No.07			
04.	Copy of GSTIN	D.T.C.N Clause No.07			
05.	No Relationship Certificate in **Schedule – A**	D.T.C.N Clause No.14 (b)			
06.	Works Experience & Annual Turn Over	D.T.C.N Clause No.14			
(A)	List of projects executed that are similar in nature to the work (**Schedule-D1)**	D.T.C.N Clause No.14 (e)			
(B)	**Minimum Annual Turn Over** to be furnished in **Schedule - H**	D.T.C.N Clause No.14 (f)			
07. (A)	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the tenderer (**Schedule-E)**	D.T.C.N Clause No.14			
(B)	Affidavit (**Schedule-F)**	D.T.C.N Clause No.11			
08.	Bid Capacity Total value of Civil Engineering construction work performed in the last five year with certificate from Chartered Accountant. Statement showing the value of existing commitments and ongoing works till stipulated period of completion in **Scheduled – G**	D.T.C.N Clause No.14(i)			
09. (A)	Tools & Plants and machineries as per the requirement in **Schedule-C and Annexure – I of Schedule C** (Proof of ownership of Tools & Plants and machineries are to be furnished in shape of copy of invoices / required sale deed in case of 2nd purchase / required lease deed with owner ship documents of the lessor duly attested.	D.T.C.N Clause No.14(h)			
	List of Machineries	**Requirement**			
	(A) for Open foundation bridge				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Generator – 33 KVA	1 no.			
	(B) for Well foundation bridge				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Crawler Crane	1no.			
5	Generator – 33 KVA	1 no.			
	(C) for Pile foundation bridge				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Piling Rig with Bentonite Pump	1no.			
5	Generator – 33 KVA	1 no.			
(B)	Time Schedule for movement of equipments / machineries available with the tenderer from one site to work site as per Annexure-II and III of Schedule-C	D.T.C.N Clause No.14			

OFFICE OF THE ENGINEER-IN-CHIEF, RURAL WORKS, ODISHA, BHUBANESWAR.

CONTRACT DATA

A. GENERAL INFORMATIONS

Sl No	Item	Details
1	Bid Identification No.	As per Tender Call Notice
2	Name of the Work	As per Tender Call Notice
3	Officer inviting tender	Chief Construction Engineer,Rural Works Circlele,Angul
4	Executive Engineer concerned with head quarters authorised as Engineer-in-charge of this work.	Executive Engineer, Rural Works Division concern
5	Chief Construction Engineer with head quarter	Chief Construction Engineer, Rural Works Circle, Angul
6	Accepting Authority	
7	Estimated Cost	As per Tender Call Notice
7.A.	Eligible Class of Contractor	As per Tender Call Notice

B. BID INFORMATION

8	Intended completion period/Time period assigned for Completion. (Clause 8 of DTCN)		As per Tender Call Notice
9	Availability of Bid Document in Official Website		From official website of Government: **www.tendersodisha.gov.in**
9A	Last Date & time of submission of Bid (Clause No. 2 of DTCN.)		As per Tender Call Notice
9B	Opening of Technical bid (Cover-1)		As per Tender Call Notice
10	Cost of Bid Document (Clause No. 4 of DTCN.)		
	i	To be remitted online	**Rs. 10,000.00**
11	EMD (Clause No. 6 of DTCN.)		
	i	To be remitted online	**Rs.** **i.e** @ 1% of the tendered amount
12(i)	Additional Performance Security (Clause No.28 (iii) of DTCN.)		As per Office memorandum No 07764600022025- 173 / 03.01.2026 of Works Department
ii	Pledged in favour of		Executive Engineer, Rural Works Division concern
iii	payable at		Executive Engineer, Rural Works Division concern
iv	Type of instrument		As specified in the Bid document

Sl No	Item	Details
13	Bid validity period (Clause No. 9 of DTCN.)	90 days
14	Minimum period of contract / agreement/ lease deed of equipment and machineries as per Clause 14 (h) of DTCN.	As per Tender Call Notice
15	Currency of Contract	Indian Rupees
16	Language of Contract	English
17	**Clause No-14 of DTCN Qualifying Criteria**	
(i)	**Similar Nature of work as per Clause 14(e) of DTCN**	**(i)Tenders for works value up to Rs. 5.00 crores (Rupees Five Crores)** :– The intending tenderer(s) should have no qualifying criteria except clauses 14(a), (b), (c) and (d) and clause 14 (h) of DTCN **(ii) Tenders for works value more than Rs 5.00 crores (Rupees Five Crores) –** 75 % of the estimated cost put to tender during any three financial years (starting from 2021-22 to 2025-26) excluding the current financial year **2026-27**.
ii)	**Annual turnover as per Clause No-14 (f) of DTCN: - Minimum requirement of annual turnover of Civil construction works.**	The total financial turnover in respect of civil engineering works of an amount not less than the amount put to tender during any three financial years taken together of the last preceding five financial years (starting from 2021-22 to 2025-26) excluding the current financial year **2026-27**.
iii)	**Clause No-14 (i) of DTCN: Required Bid Capacity is to be more than the Estimated cost of the work**	1. Estimated Cost of the Work as mentioned at Sl. 7 above. 2. Base Year – **2026-27** 3. Period of Completion of Work as mentioned at Sl. 8 above.

Procedure to participate in online bidding e-procurement

1. 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 using his /her active personal/ official e-mail ID as his Login ID and attach his/her valid Digital Signature Certificate (DSC) to his/her unique Login ID. The DSC used must be of appropriate class (Class II or Class III) issued from a registered Certifying Authority such as n-Code, Sify, TCS, MTNL etc. He/ She has to submit the relevant information as asked for about the firm/ contractor. The portal registration of the bidder/ firm is to be authenticated by the State Procurement Cell after verification of original valid certificates/ documents such as (i) PAN and (II) Registration Certificate (RC)/ GST Registration Certificate and GSTIN (for procurement of goods) of the concerned bidder. The time period of validity in the portal is at par with validity of RC/ GST Registration Certificate and GSTIN. Any change of information by the bidder is to be re-authenticated by the State Procurement Cell. After successful authentication bidder can participated in the online bidding process.

   Contractor not regisertered with Government of Odisha, can participate in the e-procurement after necessary enrolement in the portal but have to subsequently register themselves with the appropriate registering authority of the Sate Government before award of the work as per prevalent registration norms of the State.

   a. 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 the DSC and confirm it with the password of 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.
   b. 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. Any bidder can view or down load the bid documents from the web site.
   c. Contractor exempted from payment of EMD will be able to participate in the tender directly by uploading documentary evidences towards his eligibility for such exemption.
   d. The *software* 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.

1.1. Furnishing scanned 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. Bidders participating through Joint Venture shall declare the authorized signatory through Memorandum of Understanding duly registered and enroll in the portal in the name and style of the joint venture company. It is mandatory that the DSC issued in the name of the authorized signatory is used in the portal.

1.2. 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.

1.3. 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.

1.4. For submission of Bids through the E-Procurement Portal, the bidder shall up load the scanned copy/copies of document in prescribed format wherever warranted in support of eligibility criteria and 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 before the specified date as per DTCN.

1.5. Each bidder shall submit only one bid for one package. A bid is said to be complete if accompanied by cost of bid document and appropriate EMD c. The system shall consider only the last bid submitted through the E-Procurement portal.

1.6. The bidder may ask question related to tender online in the e-procurement portal using his/her DSC, provided the questions are raised within the period of seeking clarification as mentioned in tender call notice/Bid. The Officer inviting the Bid/ Procurement Officer-Publisher will clarify quarries related to the tender.

1.7. The details of drawings and documents pertaining to the works available with the officer inviting the Bid as well as in the office of the Superintending Engineer and Executive Engineer as mentioned in the Contract Data will be open for inspection by the bidders. The bidder is required to down load all the documents for preparation of his bid. It is not necessary for the part of the Bidder to up-load other Bid documents (after signing) while up-loading his bid. He is required to up load documents related to his eligibility criteria and qualification information and Bill of Quantities duly filled in. It is assumed that while participating in the bid, the bidder has referred all the drawings and documents. 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 plea to disrupt the bidding process and in such cases the bidder shall be debarred from tendering for a period of 180 days.

1.8. **Any addendum / corrigendum / cancellation of tender shall be published in the website www.tendersodisha.gov.in & notice board / through paper publication and such notice shall form part of the bidding documents**.

1.8.1. The system generates a mail to those bidders who have already uploaded their tenders and those bidders if they wish can modify their tenders. The bidders are required to which the website till last date and time of bid submission for any addendum/ corrigendum/ cancellation thereof. Tender inviting authority is not responsible for communication failure of system generated mail.

All the volumes/documents shall be uploaded / 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 in Portable Document Format to the portal in the designated locations of Technical Bid. He will fill up the rates of items or percentage in the BOQ down loaded for the work in designated Cell and up loads the same in designated locations of Financial Bid. Bidders are to submit only the original BOQ uploaded by publisher after entering the relevant fields without any alteration/deletion/modification. Multiple BOQ submission shall lead to cancellation of bid. In case of item rate tender, bidders shall fill in their rates other than zero value in the specified cells. In the percentage rate tender, the bidder quoting Zero value is valid and will be taken as Schedule of Rates. Submission of document shall be affected by using DSC of appropriate class.

2. PAYMENT OF EMD/ BID SECURITY AND COST OF BID DOCUMENTS: The Bidder shall furnish, as part of his Bid in shape of EMD @ 1% of tendered amount as mentioned in the Contract Data. Non-submission of bid security within the designated period shall debar the bidder from participating in the on-line bidding system and his portal registration shall be cancelled. His name shall also be informed to

the registering authority for cancellation of his registration.

2.1. Deleted.

2.2. Deleted.

2.3 The tender accepting authority will verify the originals of all the scanned documents of the successful lowest bidder only within 5 days of opening of the tender (price bid). In the eventuality of failure on the part of the lowest successful bidder to produce the original documents, he will be debarred in future from participating in tender for 3 years and will be black listed by the competent authority. In such as situation, successful L-2 bidder will be required to produce his original documents for consideration of his tender at the negotiated rate equal to L1 bidder.

2.4 Contractor exempted from payment of EMD will be able to participate in the tender directly by uploading documentary evidences towards his eligibility for such exemption.

2.5 Government of Odisha has introduced e-payment gateway in to the portal for payment of cost of Bid. The process of using e-payment gateway is mentioned in the "***Procedure for Electronic receipt, accounting and reporting of Cost of Tender Paper on submission of bids***"

3. FORMAT AND SIGNING OF BID: (Logging to the Portal)-The Contractor/ Bidder is required to type his/her Login ID and Password. The system will again ask to select the DSC and confirm it with the password of DSC as a second stage authentication. 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 Login ID, Password and DSC combination and authenticates the login process for use of portal.

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 cannot 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.

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

3.2. 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.

3.2.1. The bids once submitted cannot 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.

3.2.2. In the e-procurement process each process 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.

3.2.3. 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, he will be debarred from tendering for a period of 180 days.

SUBMISSION OF BIDS: -

3.3. The bidder shall carefully go through the tender and prepare the required documents. The bid shall have a Technical Bid and a Financial Bid. The Technical bid generally consists of GSTIN, PAN, Registration Certificate, Affidavits, Profit Loss statement, Joint venture agreement, List of similar nature of works, work in hand, list of machineries and any other information required by OIT. The Financial Bid

shall consist of the Bill of Quantities (BOQ) and any other price related information/ undertaking including rebates.

3.4. Bidders are to submit only the original BOQ (in .xls format) uploaded by Procurement Officer Publisher (Officer Inviting Tender) after entering the relevant fields without any alteration/ deletion/ modification. Multiple BOQ submission by bidder shall lead to cancellation of bid. In case of items rate tender, bidders shall fill in their rates other than zero value in the specified cells without keeping it blank. In the percentage rate tender the bidder quoting zero percentage is valid and will be taken at par with the estimated rate of the work put to tender.

3.5. The bidder shall upload the scanned copy/ copies of document in support of eligibility criteria and qualification information in prescribed format in Portable Document Format (PDF) to the portal in the designated locations of Technical Bid.

3.6. The bidder shall write his name in the space provided in the specified location in the Protected Bill of Quantities (BOQ) published by the Officer Inviting Tender. The bidder shall type rates in figure only in the rate column of respective items(s) without any blank cell in the rate column in case of item rate tender and type percentage excess or less up to two decimal places only in case of percentage rate tender.

3.7. The bidder shall log to the portal with his/ her DSC and move to the desired tender for up loading the documents in appropriate place one by one simultaneously checking the documents.

3.8. Bids cannot be submitted after due date and time. The bids once submitted cannot be viewed, retrieved or corrected. The Bidder should ensure correctness of the Bid prior to uploading and take print out of the system generated summery of submission to confirm successful uploading of bid. The bids cannot be opened even by the OIT or the Procurement Officer Publisher/ opener before the due date and time of opening.

3.9. Each process in the e-procurement is time stamped and the system can defect the time of log in of each user including the Bidder.

3.10. The Bidder should ensure clarity/ legibility of the document uploaded by him to the portal.

3.11. The system shall require all the mandatory forms and fields filled up by the contractor during the process of submission of the bid/ tender.

3.12. The bidder should check the system generated confirmation statement on the status of the submission.

3.13. The bidder should upload sufficiently ahead of the bid closure time to avoid traffic rush and failure in the network.

3.14. The Tender Inviting Officer is not responsible for any failure, malfunction or breakdown of the electronic system used during the e-procurement process.

3.15. The Bidder is required to upload documents related to his eligibility criteria and qualification information and Bill of Quantity duly filled in. It is not necessary for the part of the bidder to upload the drawing and the other Bid documents (after signing) while uploading his bid. It is assumed that the bidder has refered all the drawings and documents uploaded by the Officer Inviting the Bid.

3.16. The Bidder will not be able to submit his bid after expiry of the date and time of submission of bid (server time). The date and time of bid submission shall remain unaltered even if the specified date for the submission of bids declared as a holiday for the Officer Inviting the Bid.

3.17. The ‘Online bidder’ shall digitally sign on all statement’s documents, certificates uploaded by him, owning responsibility for their correctness/ authenticity as per IT ACT 2000. If any of the information furnished bythe bidder is found to be false/ fabricated/ bogus, he will be debarred from tendering for a period of 180 days and his registration in the portal shall be blocked and the bidder is liable to be blacklisted.

4. SECURITY OF BID SUBMISSION:

4.1. All bid data uploaded by the Bidder to the portal will be encrypted by the DSC 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.

4.2. 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.

5. DEADLINE FOR SUBMISSION OF THE BIDS:

5.1. 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 as a holiday for the Officer inviting the Bid.

RESUBMISSION AND WITHDRAWAL OF BIDS:

5.2. Resubmission of bid by the Bidders for any number of times before the final date and time of submission is allowed.

5.3. Resubmission of bid shall require uploading of all documents including price bid afresh.

5.4. If the bidder fails to submit his modified bids within the pre-defined time of receipt, the system shall consider only the last bid submitted.

6. LATE BIDS:

6.1. 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.

7. MODIFICATION AND WITHDRAWAL OF BIDS:

7.1. In the E-Procurement Portal, it is allowed to modify the bid any number of times 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 or power failure. If the bidder fails to submit his modified bids with in the designated time of receipt, the bid already in the system shall be taken for evaluation.

7.2. In the E-Procurement Portal, withdrawal of bid is allowed. But in such case, he has to write a letter with appropriate reasons for his withdrawal addressed to the Officer inviting the bid and up load the scanned document to portal in the respective bid before the closure date and time of receipt of the bid. The system shall not allow any withdrawal after expiry of the closure time of the bid.

8. OPENING OF THE BID:

8.1. Bid opening date is specified during tender creation or can be extended with corrigendum. This date is available in IFB, tender document as well as the home page of portal. 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 and time. 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.

8.1.1. 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 if they so desire.

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

8.2. 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.

8.3. 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”.

8.4. 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 cannot be opened.

8.5. In case of non-responsive tender, the officer Inviting tender should complete the e-Procurement process by uploading the official letter for cancellation/ re-tender.

EVALUATION OF BIDS: -

All the opened bids shall be downloaded and printed for taking up evaluation. The officer authorized to open the tender shall sign and number on each page of the documents downloaded and furnish a certificate that "the documents as available in the portal containing..... nos. of pages".

8.5.1. After opening of technical bid, the bidder may be asked in writing / online (in their registered e-mail ID) to clarify on the uploaded documents provided in the Technical Bid, if necessary, with respect to any doubts or illegible documents required for Technical Evaluation. The Officer Inviting Tender may ask for any other document of historical nature during Technical Evaluation of the tender. Provided in all such cases, furnishing of any document in no way alters the bidders price bid. Non submission of legible documents may render the bid non-responsive. The authority inviting bid may reserve the right to accept any additional document.

8.5.2. The bidders will respond in not more than 7 days of issue of the clarification letter, failing which the bid of the bidder will be evaluated on its own merit.

8.5.3. Immediately, 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.

8.6. The Technical evaluation of all the bids shall be carried out 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 relevant clause of DTCN shall be taken against the bidder/contractor.

8.6.1 **The clauses which are not available in TCN & DTCN, in that case OPWD Code with recent amendments of Govt shall be followed.**

8.6.2 **No allegation from any of the participants will be entertained after 03 (three) working days i.e. from the date of declaration of technical bid evaluation of result or the date of opening of the financial bid whichever is earlier.**

8.7 The Procurement Officer-Evaluators will evaluate bid and finalized list of responsive bidders. Opening of price bid and evaluation of lowest bidder is subject to satisfaction of other qualification information.

8.7.1 The financial bids of the technically responsive bidders shall be opened on the due date of

opening. The Procurement Officer-Openers shall log on to the system in sequence and open the financial bids.

8.7.2 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.

8.7.3 At the time of opening of "Financial Bid", the names of the bidders whose technical bids were found responsive will be announced and the bids of only those bidders will be opened. The remaining bids will be rejected.

8.7.4 The responsive bidders' name, the bid prices, the item wise rates, the total amount of each item in case the item rate tender and percentage above or less in case of percentage rate tenders will be announced 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 time of opening.

8.7.5 Rebate/discount offer if any uploaded to the system shall be declared and recorded first.

8.7.6 The Financial bid of the bidders shall be opened one by one by the designated officers. The system shall auto-generate the Comparative statement.

8.7.7 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 anywhere.

8.7.8 Procurement Officer-Openers shall sign on each page of the download BOQ and the Comparative Statement and furnish a certificate to that respect.

8.7.9 System provides an option to Procurement Officer Publisher for reconsidering the rejected bid with the approval of concern Chief Engineer/ Head of Department.

9. CLARIFICATION AND NEGOTIATION OF BIDS:

9.1. For examination, evaluation, and comparison of bids, the officer inviting the bid may, at his discretion, ask the lowest bidder for clarification of his rates including reduction of rate on negotiation and breakdowns of unit rates.

9.2. 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.

10. NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT:

10.1. 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 performance security required to be furnished in the letter and intimate the bidders in his e-mail ID.

10.2. The Employer/ Engineer-in-Charge shall notify acceptance of the work prior to expiry of the validity period by cable, telex or facsimile or e-mail confirmed by registered letter. This letter of Acceptance will state the sum that the Engineer-in-Charge will pay the contractor in consideration of execution and completion of the works by the contractor as prescribed by the contract and the amount of performance security and Additional Performance Security required to be furnished. The issue of the letter of Acceptance shall be treated as closure of the Bid process and commencement of the contract.

10.3. The Contractor after furnishing the required acceptable Performance Security and Additional Performance Security, "Letter of Proceed" or "Work Order" shall be issued by the Engineer-in-Charge with copy thereof to the Procurement Officer-Publisher. The Procurement Officer-Publisher shall up load the summery and declare the process as complete.

10.4. If the L1 bidder does not turn up for agreement after finalisation of the tender then he shall be debarred from participation in bidding for three years and action will be taken to blacklist the contractor. Besides the consortium/ JV/firm where such an agency/ firm already happens to be or is going to be a partner/ member/ proprietor, he/ they shall neither be allowed for participation in bidding for three years nor his/ their application will be considered for registration and action will be initiated to blacklist him/ them. In that case, the L2 bidder, if fulfils other required criteria would be called for drawing agreement for execution of work subject to condition that the L2 bidder negotiates at par with the quoted by the L1

bidder, otherwise the tender will be cancelled.

11. BLOCKING OF PORTAL REGISTRATION

a. If the registration Certificate of the contractor is cancelled/ suspended by the registering authority/ blacklisted by the competent authority his portal registration shall be blocked automatically on receipt of information to that effect.

b. The portal registration blocked in the ground mentioned in the above Para- 11.1 shall be unblocked automatically in receipt of revocation order of cancellation/ suspension/ blacklisting from the concerned authority.

c. The Officer Inviting Tender shall make due inquiry and issue show cause notice to the concerned contractor who in turn shall furnish his reply, if any, within a fortnight from the date of issue of show cause notice. Thereafter the Officer Inviting Tender is required to issue an intimation to the defaulting bidder about his unsatisfactory reply and recommend to the Chief Manager (Tech) for blocking of portal registration within 10 days of intimation to the defaulting bidder regarding his unsatisfactory reply with intimation to the Registering Authority and concerned Chief Engineer/ Heads of Office if any of the following provisions are violated.

   i. Fails to furnish original Technical Documents before the designated officer within the stipulated date and time.

   ii. Backs out from the bid on any day after the last date of receipt of tender till expiry of the bid validity period (including till the extended bid validity period)

   iii. Fails to execute the agreement within the stipulated date.

   iv. If any of the information furnished by the bidder is found to be false/ fabricated/ bogus.

   Accordingly, the officer Inviting Tender shall recommend to the Chief Manager (Tech) State Procurement Cell, Odisha for blocking of portal registration of bidder and simultaneously action shall also be initiated by OFFICER INVITING TENDER for blacklisting as per Appendix-XXXIV of OPWD code Volume-II.

   The minimum period of blocking of Portal Registration shall in no case be less than 180 days.

Procedure for Electronic receipt, accounting and reporting of Cost of Tender Paper and Earnest Money Deposit On submission of bids

1. The State Government have formulated rules and procedures for electronic receipt, accounting and reporting of the receipt- of Cost of Tender Paper and Earnest Money Deposit on submission of bids through the e-procurement portal of Government of Odisha i.e. www.tendersodisha.gov.in.

2. Electronic receipt of cost of tender paper has been successfully tested through SBI payment gateway. Now it has been decided to introduce electronic receipt of **Cost of Tender Paper on submission of bids** through payment gateway of designated banks such as SBI/ICICI Bank/HDFC Bank for all Government Departments, State PSUs. Statutory Corporations, Autonomous Bodies and Local Bodies etc. in phases (ANNEXURE-I). The process outlines as well as accounting and reporting structure are indicated below:

a) It will be carried out through a single banking transaction by the bidder for multiple payments like **Cost of Tender Paper on submission of bids.**

b) Various payment modes like Internet banking/ NEFT/RTGS of Designated Banks and their Aggregator Banks as well can be accessed by the intending bidders.

c) Reporting and accounting of the e-receipts will be made from a single source.

d) Credit of receipts into the Government accounts and to the designated Bank account of the participating entities indicated in Para 2 above would be faster.

3. Only those bidders who successfully remit their **Cost of Tender Paper on submission of bids would be eligible to** participate in the tender/bid process. The bidders with pending or failure payment status shall not be able to submit their bid. Tender inviting authority, State Procurement Cell, NIC, the designated Banks shall not be held responsible for such pendency or failure.

4. **Banking arrangement:**

a) Designated Banks (SBI/ICICI Bank/HDFC Bank) payment gateway is being integrated with e-Procurement portal of Government of Odisha (www.tendersodisha.gov.in)

b) The Designated Banks participating in **electronic receipt, accounting and reporting of Cost of Tender Paper on submission of bids** will nominate a Focal Point Branch called e-FPB, who is authorized to collect and collate all e-Receipts. Each such branch will act as the Receiving branch and Focal Point Branch notwithstanding the fact that the bidder might have debited his account in any of the bank's branches while making payment.

5. **Procedures of bid submission using electronic payment of tender paper cost by bidder:**

a) Log on to e-Procurement Portal: The bidders have to log onto **the** Odisha e-Procurement portal (www.tendersodisha.gov.in) using his/her digital signature certificate and then search and then select the required active tender from the "Search Active Tender" option. Now. submit button can be clicked against the selected tender so that it comes to the "My Tenders" section.

b) **Uploading of Prequalification/Technical/Financial bid:** The bidders have to upload the required Prequalification /Technical/Financial bid, as mentioned in the bidding document and in line with Works Department office memorandum no.7885, dt.23.07.2013.

c) **Electronic payment of tender paper cost:** Then the bidders have to select and submit the bank name as available in the payment options

i. A bidder shall make electronic payment using his/her internet banking enabled account with designated Banks or their aggregator banks.

ii. A bidder having account in other Banks can make payment using NEFT/RTGS facility of designated Banks.

- Online NEFT/RTGS payment using internet banking of the bank in which the bidder holds his account, by adding the account number as mentioned in the challan as an interbank beneficiary.

d) **Bid submission:** Only after receipt of intimation at the e-Procurement portal regarding successful transaction by bidder the system will activate the 'Freeze Bid Submission' button to conclude the bid submission process.

e) **System generated acknowledgement receipt for successful bid submission:** System will generate an acknowledgement receipt for successful bid submission. The bidder should make a note of **'Bid** ID' generated in the acknowledgement receipt for tracking their bid status.

6. Settlement of Cost of Tender Paper;

a) **Cost of Tender Paper:** In respect of Government receipts on account of **Cost of Tender Paper,** the e-Procurement portal shall generate a MIS for the State Procurement Cell (SPC). The MIS will contain an abstract of the cost of tender paper collected with reference to **Bid Identification Number.** The State Procurement Cell shall generate Bank-wise-head-wise challans separately for **Cost of Tender Paper** and instruct the designated Banks to remit the money to the State Government account under different heads. In respect of the cost of tender paper received through the e-procurement portal, the remittance to the Cyber Treasury account will be made to the Head of Account 0075-Misc, General Services-800-Other Receipts -0097-Misc. Receipts-02237-Cost of Tender Paper.

b) For the time being, the State Procurement Cell (SPC) will use over the counter payment facility of the Odisha Treasury portal. Thereafter, remittance through NEFT & RTGS will be facilitated through the Odisha Treasury portal.

c) Similarly, in case of State PSUs, Statutory Corporations, Autonomous Bodies and Local Bodies etc., **Cost of Tender Paper,** the e-Procurement portal shall generate a MIS for the State Procurement Cell (SPC). The MIS will contain an abstract of the cost of tender paper collected with reference to **Bid Identification Number.** The State Procurement Cell shall generate Bank-wise list of challans and instruct the designated Banks to remit the money through the Odisha Treasury portal. The cost of tender papers will be credited to the registered Bank account of the concerned State PSUs, Statutory Corporations, Autonomous Bodies and Local Bodies etc.

d) Bank will refund (in case the Tender Inviting Authority (TIA) issues such instructions) the tender fee, to the bidder, in case the tender is cancelled before opening of Bid as per direction received from TIA through e-procurement system.

e) Back-end Transaction Matrix of Electronic receipt of Cost of Tender Paper on submission of bids is enclosed in the Annexure.

7. Deleted:

a) **Deleted:**

8. Deleted:

9. Role of the Banks:

a) Make necessary provision / customizations at their end to enable the provision for online payments / refunds as per this document.

b) Provide necessary real-time message to bidders regarding successful or unsuccessful transactions during online payment processes and redirect them to e-Procurement website with necessary transaction reference details enabling them to submit their bids.

c) The bank shall ensure transfer of funds from the pooling account to the Government Head/current account of PSUs/ULBs within the next bank working day as per the directions generated from e-Procurement portal.

d) Bank should provide timely reports and reference details to NIC enabling them to carry out their role as stated below.

e) e) Refund of amount to bidders as per the XML file provided by e-Procurement system on the next bank working day from the date of generation of the XML file and provide a confirmation to NIC on the same.

10. Role of State Procurement Cell:

a) Communicate requirements of Government departments/ State PSUs/ Autonomous Bodies/ ULBs online payment requirements to National Informatics Centre / the authorised Banks for mapping/ customization.

b) In every working day, the State Procurement Cell shall generate MIS from the e-Procurement portal to ascertain the tender paper cost received in the e-Tendering process separately bank-wise for the Government Department and the PSUs/ULBs. The SPC shall generate bank-wise separate online challans from the Odisha Treasury portal and make the remittance through over-the-counter facility or NEFT/RTGS (as and when this functionality is available in Treasury portal) and issue instruction to the bank for remittance of the receipt to the State Government account.

c) The State Procurement Cell shall be responsible for providing challan details and MIS in respect of the remittance towards tender paper cost to the Tender inviting authorities for their record.

d) State Procurement Cell shall monitor the progress of e-Tendering by different Government departments / State PSUs/ Autonomous Bodies / ULBs through an MIS. State Procurement Cell shall monitor and send monthly progress reports to the Government.

e) The e-Procurement system will generate a consolidated refund & settlement XML file as an end of the day activity.

f) E-procurement system will provide a web service for payment gateway (PG) provider to pull the encrypted refund and settlement details in XML file against a day.

g) Similarly, payment gateway (PG) provider will provide a web service to pull the refund and settlement status against a day

h) e-procurement system will update the status accordingly for reconciliation report.

11. Role of National Informatics Centre:

a) Customize e-Procurement software and web-pages of Government of Odisha (https://tendersodisha.gov.in) to enable the provision for electronic payment.

b) The NIC, Odisha will modify / rectify the errors in electronic data relating to the Chart of Account.

c) NIC will provide an interface to organisations to download the electronic receipt data.

d) Enable automatic generation of daily XML files from e-Procurement system and ensure delivery of the same to the authorised Banks for enabling automatic refund/settlement of funds.

e) NIC shall enable the e-Procurement portal to generate MIS as required for the State Procurement Cell in order to make remittance of the tender paper cost to the State Government account using the Odisha Treasury portal.

12. Role of Cyber Treasury:

a) The cost of the tender paper deposited by the SPC using the Odisha Treasury Portal which will be accounted for by the Cyber Treasury and it shall submit the accounts to A.G (O) as per the established process.

b) The Cyber Treasury will provide MIS as required to the SPC for the purpose of accounting and reconciliation of the electronic remittances made to the State Government account.

13. Redressal of Public grievances:

a) The State Procurement Cell, Odisha, National Informatics Centre, Odisha and the e-FPB will have an effective procedure for dealing with, public complaint for e-Receipt related matters. In case, any mistake is detected by any of the stakeholders in reporting of receipt of tender paper cost and EMD, either suomoto or on being brought to its notice, the State Procurement Cell, Odisha, National Informatics Centre, Odisha unit, Cyber Treasury and the bank will promptly take steps for rectification. The e-Focal Point Branch of the participating Banks, National Informatics Centre, Odisha and the State Procurement Cell, Odisha will notify the contact number and address of the Help Desk for resolution of any dispute regarding e-Receipt.

14. Applicability and modification of existing rules / orders:

The modalities prescribed in this Office Memorandum for downloading of tender paper, submission and rejection of bid, acceptance of Bids as well as refund and forfeiture of earnest deposit will be applicable for electronic submission of bids through e-procurement portal. Existing provisions regulating cost of tender paper, earnest money deposit in OPWD Code and OGFR would stand modified to the extent prescribed.

15. These arrangements would be made effective after signing of MoU between the designated Banks and the State Procurement Cell, firming up of Banking arrangements and technical integration between designated Bank and e-Procurement Portal.

ANNXURE-I

Back-end Transaction Matrix of Electronic receipt and remittance of Cost of Tender Paper and Earnest Money Deposit on submission of bids.

	Cost of Tender Paper on submission of bids	**Earnest Money Deposit on submission of bids**
Government Departments	I. The payment towards the cost of Tender Paper, in case Government Departments, shall be collected in separate Pooling accounts opened in Focal Point Branch called e-FPB of respective designated banks [as stated in Para 2] at Bhubaneswar on T+1_day. II. With reference to the Notice Inviting Tender/ Bid Identification Number, the amount so realized is to be remitted to Government Account under the Head of Account 0075-Misc. General Services-800-Other Receipts-0097-Misc. Receipts-02237-Cost of Tender Paper through Odisha Treasury Portal after opening of the bid.	@ 1% of estimated cost as mentioned at Sl No. 11 of BID information of DTCN Page No 08.

	Cost of Tender Paper on submission of bids	**Earnest Money Deposit on submission of bids**
State PSUs Statutory Corporations, Autonomous Bodies and Local Bodies.	I. In case of State PSUs, Statutory corporations, Autonomous Bodies and Local Bodies etc. the amount towards **Cost of Tender Paper,** on submission of bids shall be collected in separated pooling accounts opened in Focal Point Branch called e-FPB of respective designated Banks at Bhubaneswar on T+1 days. II. The Paper cost will be transferred to the respective current accounts of concerned State PSUs, Statutory Corporation, Autonomous Bodies and Local Bodies etc. after opening of bid.	@ 1% of estimated cost as mentioned at Sl No. 11 of BID information of DTCN Page No 08.

DETAILED TENDER CALL NOTICE
FOR BRIDGE WORKS.
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2. Sealed **percentage rate** bids are invited on **ONLINE in double cover system** from contractors registered with the State Governments as referred in Sl 7(a) of Contract Data, Joint Ventures* and Contractors of equivalent Grade / class registered with Central Government / MES / Railways for execution of civil works on production of definite proof from the appropriate authority in prescribed form to be eventually drawn in P.W.D. **FORM P-1** for the work **as referred in Contract Data Sl.2** at an estimated cost as mentioned in Contract Data Sl.7. The adopted format for percentage rate is same as that of the form adopted for **item rate** tenders but the word **"Item rate"** shall be replaced by **"Percentage rate"** and the contract will be named as **P-1.** The Bid documents are available from official website as mentioned at **Sl. 9 of contract data.**

3. The Technical Bid documents (Cover–I) will be opened by the assigned officer in the office of the Engineer-in-Chief, Rural Works, Odisha, Bhubaneswar as mentioned in **Sl. 9B of Contract Data** in the presence of the bidders or their authorised representatives who wish to attend.

4. The cost of Bid documents is to be remitted online for Rs.10, 000.00 towards cost of each bid respectively.

5. The bid is to be submitted in two covers.
   (i) Cover-I is to contain scanned GSTIN, scanned copy of registration certificate, undertaking/certificates duly filled, affidavit, work experience certificate and documents required as per the relevant clauses of this DTCN.
   (ii) Cover-II is to contain the price bid duly filled in and signed by the bidder.

6. The bidder shall submit along with their BID, **EMD @1% of estimated cost as mentioned in Sl.11 of Contract Data of DTCN** Page No. 08**.**

7. The lowest preferred bidder is required to produce documents viz original Registration, GSTIN, after opening of Technical Bid for verification purpose in the latter stage along with the original documents relating to ownership and hiring of plants and machineries mentioned at Annexure-I of Schedule-C, within five days from the date of opening of the tender (price bid). Furnishing scanned copy of such documents along with the Technical Bid is mandatory otherwise his/ her bid shall be declared as nonresponsive and thus liable for rejection.

8. The work is to be completed in all respects within the **time** period as specified in Sl.8 of the **Contract Data**. Bidders whose bid is accepted must submit a work programme at the time of execution of Agreement.

9. All **bids** received will remain **valid** for a period as specified in the **Contract Data** after the deadline date for submission of bids and validity of bids can also be extended if agreed to by the bidder and the Department.

10. (i) The Contractors are required to furnish evidence of ownership of principal machineries/equipments in **Schedule-C** as per **Annexure-I.**
    (ii) In case the contractor executing several works he is required to furnish a time schedule for movement of equipment/machinery from one site to work site of the tendered work in **Annexure-III of Schedule-C**.
    (iii) The contractor shall furnish ownership documents for those machineries which he is planning to deploy for the tendered work if these are not engaged and produce certificate from the Executive Engineer as per **Annexure – II of Schedule-C** under whom these are deployed at the time of tendering as to the period by which these machines are likely to be released from the present contract. Certificate from the Executive Engineer of Government of Odisha or Engineer-in-Charge of the project (in case of non-Government projects) under whose jurisdiction the work is going on**,** shall not be more than 90 days old on the last date of receipt of tender.
    (iv) In case the contractor fails to mobilize the machineries within a period as to be able to execute an item of work as per original programme which will be part of the agreement, he will be debarred from tendering for a period of 180 days.
    (v) The contractor intending to hire/ lease equipments/machineries are required to furnish proof of ownership from the company/person providing equipments/machineries on hire/lease along with contracts/

agreements/lease deed and duration of such contract. The contracts/agreements/lease deed should be on long term basis for a minimum period equal to the intended completion period / time period assigned for completion plus 90 days **as mentioned in contract data** from the last date of receipt of Bid documents.

11. An applicant 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 the bid, shall be debarred from qualification. The bidder is to furnish scanned copy an **affidavit** at the time of submission of bid about the authentication of bid documents. An **affidavit** to this effect is to be furnished in **Schedule-F**. **Non furnishing** of the scanned copy of information in **Schedule - E** and required affidavit in **Schedule – F**, the bid document will be **summarily rejected.**

12. DELETED

13. JOINT VENTURE*

Joint Ventures shall be allowed for works value exceeding Rs 10.00 crore, Bids submitted by a Joint Venture (JV) of not more than three constituents as partners shall comply with the following requirements:

a) There shall be a **Joint Venture Agreement** in Annexure I specific for these contract works between the constituent firm(s)/individual(s), the lead partner shall be a registered Contractor of appropriate class of the State, indicating clearly, amongst other things, the proposed distribution of responsibilities financial as well as technical for execution of the work amongst them for the purpose of this clause. The most experienced leads partner will be the one defined. A copy of the Joint Venture agreement in accordance with requirements mentioned in Annexure-I shall be updated during bidding for the work.

b) The bid, and in the case of the successful bidder, the Form of Agreement, etc, shall be signed and or executed in such manners that may be required for making it legally binding on all partners (including operative parts of the ensuing Contract in respect of Agreement of Arbitration, etc. On award of work, the Form of Agreement and Contract Documents shall be signed by all partners of the Joint Venture or the authorised power of attorney holder of the Joint venture to conclude Contract Agreement as specified in joint venture agreement.

c) Lead partner shall be nominated as being partner-in-charges and this authorization shall be evidenced by submitting a power of attorney signed by the legally authorised signatories of all the partners.

d) The partner-in-charge shall be authorized to incur liabilities and to receive instructions for and on behalf of the partners of the Joint Venture, whether jointly or severally, and entire execution of the Contract (including payment) shall be carried out exclusively through the partner-in-charge. A copy of the said authorization shall be furnished in this Bid.

e) All partners of the Joint Venture shall be liable jointly and severally for the execution of the Contract in accordance with the contract terms, and a relevant statement to this effect shall be included in the authorization mentioned under sub clause (c) above as well as in the Form of Tender and the Form of Agreement (in case of a successful bidder).

f) In the event of default by any partner, in the execution of his part of contract, the employer shall be so notified within 30 days by the partner-in-charge, or in the case of the partner-in-charge being the defaulter, by the partner nominated as partner-in-charges of the remaining joint venture. The partner-in-charge shall, within 60 days of the said notice, assign the work of the defaulting partner to any other equally competent party acceptable to the employer to ensure the execution that part of the contract, as envisaged at the time of the bid. Failure to comply with the above provisions shall make the contractor liable for action by the employer under the conditions of the contract. If the most experienced that is lead partner defined as such in the communication approving the qualification defaults, it shall be construed as default of the contractor and employer will act under the conditions of the contract.

g) Notwithstanding the permission to assign the responsibilities of the defaulting partners to any other equally competent party acceptable to the employer as mentioned in subclause (f) above, all the partners of the joint venture will retain the full and undivided responsibility for the performance of their obligations under the contract and / or for satisfactory completion of the works.

h) The bid submitted shall include all the relevant information as required under the provision of DTCN and furnished separately for each partner.

Annexure I

Provisions Required to be Included in the Joint Venture Agreement

If the application is made by a joint venture of two or more firm(s)/individual(s), the evidence of clear mandate(i.e., in the form of respective Board Resolution duly authenticated by competent authority*) by such two or more firms willing to form Joint Venture among themselves for the specified projects should accompany duly

recognising their respective authorised signatories signing for and on behalf of the respective Firms for the purpose of forming the Joint Venture. A certified copy of the power of attorney to the authorized representatives, signed by legally authorized signatories of all the firms of the joint venture shall accompany the application. The JV Agreement shall be signed by the authorized representative of the joint venture. The JV Agreement shall need to be submitted consisting but not limited to the following provisions:

a. Name, style and Project(s) specific JV with Head Office address
b. Extent (or Equity) of participation of each party in the JV
c. Commitment of each party to furnish the Bond money (i.e., Bid Security, performance Security and security for Mobilisation advance) to the extent of his participation in the JV
d. Responsibility of each Partner of JV (in terms of Physical and Financial involvement)
e. Working Capital arrangement of JV
f. Operation of separate Bank account in the name of JV to be operated by at least one foreign partner and one local partner. In case of JV among local partners, both the partners are required to operate.
g. Provision for cure in case of non-performance of responsibility by any party of the JV.
h. Provision that NEITHER party of the JV shall be allowed to sign, pledge, sell or otherwise dispose all or part of its respective interests in JV to any party including existing partner(s) of the JV The Employer derives right for any consequent action (including blacklisting) against any or all JV partners in case of any breach in this regard.
i. Management Structure of JV with details
j. Lead Partner to be identified who shall be empowered by the JV to incur liabilities on behalf of JV
k. Parties/firms committing themselves to the Employer for jointly and severally responsible for the intended works
l. The Power of Attorney shall be duly notarized.
m. Any other relevant details

14. Qualification Criteria for technical qualification.

The Applicant(s) shall meet the following minimum criteria failing which the bid shall be summarily rejected.

The eligibility criteria for participation in this tender are given below. The tenderer(s) should go through these eligibility criteria before purchasing the tender documents. Tenderer(s) not fulfilling the eligibility criteria and submit the tender, can do so at their own risk, as the tender **will summarily be rejected**.

(a) The intending tenderer(s) should have not abandoned any work of similar nature, nor should their contract have been rescinded during the last five years. An Affidavit to that effect is to be enclosed.

(b) **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 Engineer & above in the state R.D. Deptt. or Assistant/Under Secretary & above in the R.D. 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 to make good the loss or damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide **Schedule-A**.

(c) The intending tenderer(s) should have the valid Registration Certificate as on date, of the required class as mentioned in Col-6 of the Table in NIT.

(d) The intending tenderer(s) should have up to date GSTIN Certificate & possess PAN CARD, undertaking for obtaining Labour Licence from authorities as applicable. No undertaking towards GSTIN & PAN Card is acceptable.

(e) WORKS EXPERIENCE (Similar nature of works);

(i)Tenders for works value up to Rs. 5.00 crores (Rupees Five Crores) –

The intending tenderer(s) should have no qualifying criteria except clauses 14(a), (b), (c) and (d) above and clause 14 (h) below.

To qualify for more than one work in the notice inviting tender, the bidder must demonstrate having annual turnover, bid capacity, works experience as per clause 14(f), (e)(ii) & (i) respectively in aggregate if works value exceeds Rs 5.00 crore.

(ii) Tenders for works value more than Rs 5.00 crores (Rupees Five Crores) –

The intending tender(s) should have executed **similar nature of work worth** 75% of the estimated cost put to tender during any three financial years taken together of the last preceding five years (starting from 2021-22 to 2025-26) excluding the current financial year 2026-27). **In case of Contract spanning for more than one financial year, the breakup of execution of work in each of financial year should be furnished**. A certificate to this effect must be enclosed from the officer not below the rank of Executive Engineer as per enclosed **Schedule-D1 (Completed works)** & **Schedule- D2** (On going works). **In case of a Joint Venture the execution of similar nature of works will be applied for the work executed by each partner taken together being minimum of** 75% of the estimated cost put to tender during any three financial years taken together of the last preceding five years (starting from 2021-22 to 2025-26) excluding the current financial year 2026-27).**Value of Work executed by the Applicant shall be updated to current price level (Base Year mentioned in Contract Data) using the escalation factor mentioned at (g) below.**

(f) The intending tenderer(s) should have the total financial turn over in respect of **Civil Engineering works** of an amount not less than the amount put to tender during any 3 (three) financial years taken together of the last proceeding five financial years (starting from 2021-22 to 2025-26) excluding the current financial year 2026-27). The financial turn over certificate for **Civil Engineering works** shall be submitted from the Charted Accountant showing clearly the financial turnover financial year wise with **UDIN**.

Financial turn over in respect of Civil Engineering works shall be updated to current price level (Base Year mentioned in Contract Data) using the escalation factor mentioned at (g) below.

NOTE- All the financial figures such as Annual turnover, Works Experience, Work in hand (existing Commitments) etc must be excluding GST.

(g) ESCALATION FACTOR

Following enhancement factors will be used for the costs of works executed and the other financial figures to a common base value for works completed, annual turnover and existing commitments in India.

Year before	Multiplying factor.
One	1.10
Two	1.21
Three	1.33
Four	1.46
Five	1.61

In case the financial figures and value of completed works are in foreign currency, the above enhanced multiplying factors will not be applied. Instead, current market exchange rate (State Bank of India B.C. selling rate as on the last date of submission of the bid) will be applied for the purpose of conversion of amount in foreign currency into Indian rupees.

(h) The intending tenderer(s) should have in possession of the following machineries either being owned or on hire / lease required for execution of the work as per relevant clauses of specification of Road and Bridge work of Ministry of Road Transport and Highways (5^{th} Revision). **The list of plants / equipments are mandatory & minimum without which the tender shall be rejected.**

	List of Machineries	Requirement			
	(A) for Open foundation bridges				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Generator – 33 KVA	1 no.			
	(B) for Well foundation bridges				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Crawler Crane	1no.			
5	Generator – 33 KVA	1 no.			
	(C) for Pile foundation bridges				
1	Hydraulic Excavator	1 no.			
2	Vibratory Roller	1 no.			
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.			
4	Piling Rig with Bentonite Pump	1no.			
5	Generator – 33 KVA	1 no.			
(B)	Time Schedule for movement of equipments / machineries available with the tenderer from one site to work site as per Annexure-II and III of Schedule-C	D.T.C.N Clause No.10			

(i) Bid Capacity.

Applicant(s) who meet the minimum qualification criteria will be qualified only if their available bid capacity at the expected time of bidding is more than the total estimated cost of the works mentioned in Contract Data. The available bid capacity will be calculated as under.

Assessed Available Bid Capacity= (A*N*2-B), where

A= Maximum value of works executed in any one-year (As reported in Schedule – H and certified by Chartered Accountant) during the last five years (updated to the current price level (Base Year) as mentioned in the Contract Data) rate of inflation may be taken as 10 per cent per year (escalation factor) which will take into account the completed as well as works in progress,

B= Value at current price level of the existing commitments and ongoing works to be completed during the period stipulated in the contract data (period of completion of works for which bids are invited); and

N= Number of years prescribed for completion of the works for which the bids are invited as mentioned in contract data. (For work completion period less than one year the value may be taken as one year)

(i) To qualify for a package of contracts made up of this and other contracts for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having Bid Capacity sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

(ii) **The information on Existing Commitments as on the date of this bid is to be furnished as per the format in Schedule –G failing which the tender shall be rejected.**

Note: **In case of a Joint Venture the available bid capacity will be applied for each partner to the extent of his proposed participation in the execution of the works.**

15. If an individual makes the application, the individual should sign above his full type of written name and current address.
16. 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.
17. 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.
18. 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.
19. 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.
20. No bidder will be permitted to furnish their bid in their own manuscript papers. All information should be submitted online in English.
21. Submission of more than one tender by a bidder for a particular work will liable for rejection of all such tender papers.

22. A. Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006)

In case of Percentage Rate tender, -

(i) The contractor has to quote percentage excess or less over the estimated cost in the Price Bid appended to the tender document. The estimated cost is excluding GST. The rates of item basing on which estimated cost has been derived are excluding GST on different components to arrive at such rates.

(ii) The Contractors participated in the tender for more than one work may offer conditional rebate. Rebate offer submitted in a separate letter duly scanned 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 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.

(iii) The Contractor will quote percentage excess/less up to **two decimal point** only. *If he writes the percentage excess/less up to three or more decimal points, the **second** decimal point shall only be considered without rounding off (vide Works Department O.M No- 7885 dtd. 23.07.2013.).*

(iv) In the contract P-1 time is the essence. The contractor is required to maintain a certain rate of progress specified in the contract.

(v) The quantity mentioned can be increased or reduced to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above prior approval of competent authority is mandatory before making any payment.

(vi) The period of completion is fixed and cannot be altered except in case of exceptional circumstances with due approval of next higher authority.

(vii) 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.

B. GST as applicable on works contract shall be paid over the bill amount at the time of payment of bill.

23. The bidder 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 bidder and detailed specifications for Odisha and other relevant specifications and drawings. Complain at a future date that plans and specifications have not been seen by the bidders cannot be entertained.

24. The drawings if any furnished with the bid are tentative and subject to revision or modification as tendered during the execution as per actual necessity and detail test conducted. But the tendered rate quoted by the bidder 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.

25. (i) Every bidder is expected before quoting his rate to inspect the site of the proposed work. The bidder should also inspect the quarries and approach roads to quarries and satisfy himself/themselves about the quality and availability of materials. In every case the materials must comply with the relevant specifications. Complaints at future date that the availability of materials at quarries has been misjudged cannot be entertained.

(ii) Amendment to Para 3.4.16 (a) (vii) of OPWD Code Vol.-I by substitution.

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 materials 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.

26. The offer of bidder shall be inclusive of cost of construction and maintenance of island, ferry service, fair-weather road, service road, foot bridge, pylon base, winch stand, and derrick stand etc. as required for the work.

27. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial borings shown in the Cross Section.

28. **(i) Works Department Office memorandum No. 07764600022025- 173/03.01.2026.**

(ii) Clause 36 of Appendix-IX of O.P.W.D. Code, Volume-II by inclusion.

The concessions/ facilities for 10% price preference shall be allowed only to the Individual registered Contractors belonging to Schedule Caste and Schedule Tribe having Registration Certificate upto 'B" Class as per Works Department Resolution No.16262 dtd.30.10.2018.

(iii) Amendment to Para-3.5.5 (v) of OPWD Code Volume-I by inclusion.

Additional Performance Security

(Works Department Office memorandum No. 07764600022025- 173/03.01.2026)

Copy attached

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29. 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.

30. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the tender call notice. Any change in the wording will not be accepted.

31. i) Schedule of quantities are accompanied in Cover-II (Price Bid). It shall be definitely understood that the Government 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.

ii) The quantity mentioned can be increased or decreased to the extent of 10% for individual items subject to a maximum of 5% over the estimated cost. If it exceeds the limit stated above, prior approval of competent authority is mandatory before making any payment.

32. The authority reserves the right to reject any or all the tenders received without assigning any reasons there-of what so ever.

33. The declaration will be dealt with as per the terms and conditions of the OPWD Code**.**

34. i) The bidder/tenderer whose bid has been accepted will be notified of the award by the Engineer-in-charge prior to expiration of the validity period by cable, telex or facsimile 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").

ii) The notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial security Deposit) in form of Fixed Deposit receipt of Scheduled Bank / Kissan Vikash Patra / Post Office Savings Bank Account /National Savings Certificates /Postal Office Time Deposit Account & additional performance security as per clause 28 of DTCN & in other form which shall be 2% of the value of the tendered amount & sign the agreement in the PWD Form P1 of the fulfilment of the contract in the office of the Executive Engineer & payable at the place as specified in the Contract Data or as directed. The EMD/Initial security deposit/ any other security deposit may also be taken from the contractor in shape of Bank Guarantee in favour of the Divisional Officer from any Nationalised /Scheduled Bank in India counter guaranteed by its local branch at Bhubaneswar. The security deposit & the amount withheld according to the provision of P1 agreement shall be retained as security for the due fulfilment of this contract & additional performance security in accordance with the provisions of the agreement.

(ii) Amendment to Para – 3.5.19 (a) (b) of the OPWD Code Vol.-I by inclusion.

"Security for the due fulfilment of a contract should invariably be taken. The security may be taken in shape of N.S.C./ Post Office Savings Bank Account/ Post Office Time Deposit Account/ Kisan Vikas Patra/ Bank Guarantee in favour of the Divisional Officer from any Nationalized Scheduled Bank in India counter guaranteed by its local Branch at Bhubaneswar/ e-Bank Guarantee executed on the National e-Governance Services Limited (NeSL) Digital Document Execution Portal towards E.M.D/ Initial Security Deposit/ any other security deposit from the contractor or supplier".

iii) The agreement will incorporate all correspondence 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) Standard P.W.D. Form **P-1** with latest amendments.

iv) Failure to enter in to the required agreement and to make the security deposit as above shall entail debarring from tendering for a period of 180 days, no **contract (tender)** shall be finally accepted until the required amount of initial security deposit and additional performance security deposit are received

by the Engineer-in-Charge. The security will be refunded after **two years** of completion of the work and payment of the final bill and will not carry any interest.

v) As concurred by Law Department & Finance Department In their U.O.R. No 848 dtd.21.05.97 J.O.R.No.202 W.F.D. dtd.06.03.98 respectively the E.M.D. will be forfeited in case, where bidders/tenderers back out from the offer before acceptance of tender by the competent authority.

vi) **Amendment to Para 3.5.18 Note – viii of OPWD Code Vol.-I**

Before acceptance of tender, the successful bidder will be required to submit a work programme and mile stone basing on 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 mile stone liquidated damage will be imposed.

35. 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.

36. The contractor should be liable to fully indemnify the department for payment of compensation under workman Compensation Act. VIII of 1923 on any account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.

37. Bidders are required to abide by the fair wages clause as introduced by Govt. of Odisha, Works Department Letter No.-VIII-R 8/5225 Dtd. 26.02.55 and No.IIM- 56/628842(5) Dtd.27.09.61 as amended from time to time.

38. 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 Superinteding Engineer / 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 Superinteding Engineer / Executive Engineer is final and binding on the contractor.

39. 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 and other charges of materials, including all taxes as applicable, ferry, tolls conveyance charge and other cost on account of land and building including temporary building and temporary electric connection to work site as well as construction of service road and diversion road and its maintenance till completion of work as required by the bidders for Collection of materials, storage, housing of staff or other purpose of the work. No bidder will however be liable to pay Govt. for temporary occupation of land owned by Govt. at the site of the work.

b. Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein to the satisfaction of the local health authorities.

c. Suitable water supply including pipe water supply wherever available for the staff and labour.

d. Fees and duties levied by the municipal, canal or water supply authorities.

e. Suitable equipments and wearing apparatus for the labour engaged in risky operations.

f. Suitable fencing barriers, signals including paraffin and electric signal where necessary at works and approaches in order to protect the public and employees from accidents.

g. Compensation including the cost of any suit for injury to persons or property due to neglect of any major precaution also become payable due to operation of the workmen compensation act.

h. The contractor has to arrange adequate lighting arrangement for the work where ever necessary at his own cost.

40. After the work is finalized, 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 clean, this should be inclusive of the rate.

41. No payment will be made for bench marks, level pillars profiles and benching and levelling the ground where required. The percentage rate to be quoted should be inclusive of carriage of all materials and incidental item of works.

42. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works, extra quantity of any item besides agreement quantity unless written order is obtained from the Engineer-in-charge and rate settled before the extra items of work or extra quantity of any items of work is taken up.

43. The bidder 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.

44. 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 Engineer-in-Chief (Civil) during office hours every day except on Sundays and Public Holidays till last date of sale and receipt of bid documents. Interested bidders may obtain further information at the same address. But it must be clearly understood that the bids must be received in order and according to the instructions.

45. Bidders are required to go through each clause of P.W.D. Form **P-1** carefully in addition to the clause mentioned herein before tendering. In case of ambiguity, the clauses of P.W.D Form **P-1** with latest amendments shall **supersede** the condition of **D.T.C.N.**

46. All reinforced cement concrete work should conform to IRC Code and Bridge Code section I, II, III, IV and VII & latest design criteria for prestressed concrete bridges specifically for road and bridges issued by MoSRT&H, Govt. of India. MoSRT&H Specification for Road & Bridge work (Latest Revision) shall be the guiding book for execution, quality assurance, specification and measurement for all items of Road & Bridge works.

47. Steel shuttering & centering shall be used which shall be lined with suitable sheeting and made leak proof and water tight.

48. The Department will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject partly or fully such structures if found defective in their opinion.

49. Concrete should be machine mixed unless otherwise ordered in writing by the Executive Engineer. The contractor should arrange his own concrete mixer, vibrator, and pumps etc, for this purpose at his own cost.

50. Cement shall be used by bags and weight of one bag of cement being taken as fifty (50) Kg.

51. The bidder 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 within the time schedule. No extension of time will be granted on the application of the bidder due to delay in procurement of materials.

52. The bidder will be responsible for the loss or damage of any departmental materials during transit and in the execution of the work due to reasons what – so-ever and the cost of such materials will be recovered from the bills at stock issue rates or market rates whichever is higher.

53. If the bidder removes Government materials supplied to him from the site of work with a view to dispose of the same dishonestly, he shall be in addition to any other liability civil or criminal arising out of his contract be liable to pay a penalty equivalent to five times of the price of the materials according to the stock issue rate or market rate whichever is higher. The penalty so imposed shall be recovered at any time from any sum that may then or at any time thereafter become due to the bidder or from his security deposit or from the proceeds of sale thereof.

54. The selected bidder may take delivery of departmental supply according to his need for the work issued by the Sub-Divisional office in-charge subject to the availability of the materials. The bidder shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of watchman etc. will be borne by the Department. The Department is not responsible for considering the theft of materials at site. It is the contractor's risk. Under any such plea if the bidder stops the work, he shall have to pay the full penalty as per clause of **P-1** agreement.

55. The Department will have the right to supply at any time in the interest of work any departmental materials to be used in the work and the contractor shall use such materials without any controversy or dispute on that account. The rate of issue of such materials will be at the stock issue rates inclusive of storage charges or rates fixed by the Department or current market rate whichever is higher.

56. All the materials which are to be supplied from R. W. store will be as per availability of stock and the contractor will have to bear the charges of straightening, cutting, jointing, welding etc. to required sizes in case of M. S. Rods or Tor steel/M.S Angles, Tees and Joists etc. After issue from the R.W. store the materials may be under the custody of the contractor and the contractor will be responsible for its safety and storage.

57. Though Departmental issue of cement and steel has indicated, it may not be taken as binding. The contractor must have to arrange by themselves cement, steel, bitumen and every sort of materials from approved manufacturer, get it tested in the Departmental Laboratory and approved by the Department before use.

58. TOR rods, plates and structural members will be supplied in quantity, length and size available in the stock. For payment of reinforcement, the steel including plates etc. shall be measured in length of different diameter, size and specification as actually used (including hooks and cranks) in the work correct to an inch or cm. and their weight calculated as per sectional weight prescribed by the Indian Standard Specification or as directed by the Engineer-in-Charge.

59. The tentative alignment of the proposed bridge has been shown in the enclosed drawing. However, the department has got the right to shift the actual bridge position within a reasonable range in both U/s and D/s.

60. The contractor should at his own cost arrange necessary tools and plants required for the efficient execution of work and the rates quoted should be inclusive of the running charges of each plant and cost of conveyance.

61. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing one unplugged well and specified span free of cost as directed by the Engineer-in-Charge and bear the entire cost of the test.

62. No extra payment will be made for the jungle clearance for taking earth from the borrow areas. Earth work from cutting shall be economically utilized in filling.

63. If required the stack of road metal and gravel will be measured in boxes of 1.5m × 1.5 M × 0.5M which will be taken as 1.5m × 1.5M × 0.44M = 1 Cum. The soling stones will be measured in the suitable stacks with deduction for voids @ 1/6 of volume or more depending upon the looseness of stacking which would be determined on actual observation and deduction.

64. The machineries, if available, with the department may be supplied on hire as per normal hire charges of Government in force at the time of execution of work subject to the condition that the contractor will execute in advance an agreement with the Engineer-in-Charge.

65. In the event of any delay in the supply of Department Road roller for unavoidable reasons, no extension of time will be granted to the contractor under any circumstances.

66. Sinking of wells shall be measured as per MoSRT&H Specifications for Road & Bridge works (Latest Revision).

67. All method of sinking including pneumatic sinking by employment of divers and other equipment shall be included in the rate. Removal of trees, logs of trees or isolated boulders and de-silting of sand or earth from existing well, rectification of tilt and shift if any, etc. shall also be included within the rate.

68. The depth of foundation indicated on the drawing are provisional but these may be altered, if necessary, in the light of the nature of strata indicated by boring which must be taken in advance of actual execution of the foundation.

69. When resort has to be made for sinking the wells by air lock and vacuum chamber method rates there of shall be pre-decided by authority accepting the tender.

70. Construction of coffer dam or island or the work of open excavation or dressing or labour for laying well curbs shall be included in the rate.

71. For concreting the bottom plugs of well under the method of providing concrete should be either with tremie or any other approved method as well be directed by the Engineer-in charge with 10% extra cement to be used for under water concreting without any extra cost to the Department.

72. No claim will be entertained in respect of difficulties during sand blowing met with during sinking of wells.

73. No part of the bearing for the superstructure shall be allowed to rest on the noses of the piers.

74. Tor Steel mesh reinforcement shall be provided in the concrete of the girders on the caps of the piers / abutments immediately in contact with the bearing to ensure proper distributions of heavy load.

75. Lugs and grooves shall be provided in the bearings to prevent them from skewing and getting out of alignment.

76. Inspection by the Director General of Supplies and Disposals of the bearing during manufacture and X-Ray or Gama Ray examination of castings thickness more than 8 inches and load testing of bearing if considered necessary shall have to be carried out at the contractor's cost. The same procedure for testing may have to be followed for ribbed bearing manufactured by widening.

77. a) It should be clearly understood that the joints of the bars are to be provided with lapping, welds or bolts nuts as will 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 Executive 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 Quality 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 Government Test Houses at Alipore or Quality Control and Research Laboratory at Bhubaneswar. Cost of testing of all specimens and samples will be borne by the Contractor.

e) The construction of well steining by injecting cement or grout in coarse aggregate placed in position shall not be permitted.

78. The thickness of cement concrete in top plugging should be as per Departmental drawing.

79. In well sinking, the maximum tolerance permissible in tilt is 1:80 and the shift is 150mm to the normal direction. Where it is not feasible to work this tolerance, the contractor shall carry out. suitable remedial measures as may be directed by the Engineer-in-charge to overcome the adverse effects of tilts and shifts without any extra cost to the Department and without any damages to the well. Any additional work necessary consequent upon the excess tilt and shift shall be carried out by the contractor at no extra cost to the Department.

80. Concrete of strength below of the required strength (as determined by actual tests) shall not be accepted.

81. If the well is beyond rectification the well shall be rejected, the well has to be abandoned and another well to be sunk at a suitable location at the cost of the Contractor. The tilt and shift of the well including compensation is to be abided as per the clauses of MoSRT&H Specification for Roads & Bridge works (Latest Revision).

82. No claim for carriage of water what-so-ever will be entertained as this has been included in the estimate and the bidder has to quote his / their rate accordingly.

83. The contractor shall employ one or more Engineering Graduate or Diploma holders as apprentice at his cost if the work as shown in the tender exceeds Rs.2,50,000/-.The apprentices will be selected by the Chief Engineer. The period of employment will commence within one month after the date of work order and would last till the date, when 90% of the work is completed. The fair wage to be paid to the apprentices should not be less than the emolument of personnel of equivalent qualification employed under Government. The number of apprentices to be employed should be fixed by the Chief Engineer in the manner so that the total expenditure does not exceed one percent of the tendered cost of the work.

84. 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 Holder 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 Engineer-in Chief (Civil), Odisha 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 proforma contained in a separate sheet vide **Schedule-B.**

85. It is the responsibility of the contractor to procure and store explosive required for blasting operation. Department may render necessary possible help for procuring license.

86. Deleted.

87. **Amendment of existing Clauses** :- 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, 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. The rates quoted by the Contractor shall be excluding GST. GST as applicable for works contract shall be payable to Contractor on bill amount.

88. 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.

89. Prevailing rate of TDS on GST as applicable under Act on the gross amount of the bill will be deducted from the contractor's bill as tax deduction at source (TDS) as per rules.

90. The contractor is required to pay royalty, EMF, DMF & additional charges as applicable to Govt. towards use of minor minerals 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 utilized by them in the work will be recovered from their work bills and deposited in the Government revenue. This is as per the Gazette Notification No.2280 dtd.15.12.2016 of Steel & Mines Department, Government of Odisha and Lr.No.RDM-MMS-MEET-0009-2022-38234/R&DM Dtd.10.11.2022 of Revenue and Disaster Management Department.

91. CESS @ 1 (one)% of the amount of each bill shall be proportionately deducted from the Contractor's bill at the time of making payment of each bill.

92. Under no circumstances interest is chargeable for the dues or additional dues if any payable for the work.

93. Under section 12 of contractor's 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.

94. **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.

95. **Trial Boring** - The foundation level as indicated in the body of the departmental drawing is `purely tentative and for the general guidance only. The Department has no responsibility for the suitability of actual strata at the foundation level. The contractor has to conduct his own boring before starting the work and get the samples tested at his own cost to ascertain the S.B.C. and credibility of the strata at founding level. While quoting his rates for tender the contractor shall take in to account of the above aspects.

96. Any defects, shrinkage or other faults which may be noticed within **24 (twenty four) 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 defect liability period for the work is **24 (twenty-four) calendar months** from the date of successful completion of the work.

97. From the commencement of the works to the completion of the same, they are to be under the contractor's 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 Govt. of Odisha 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.

98. **Payment for variation in price** -

Price Adjustment

98.1 Contract price shall be adjusted for increase or decrease in rates and price of labour, materials, fuels and lubricants in accordance with the following principles and procedures and as per formula given in following Paras.

(a) The price adjustment shall apply for the work done from the start date given in the contract data up to end of the initial intended completion date or extensions granted by the Engineer and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.

(b) The price adjustment shall be determined during each month from the formula given in following Paras

(c) Following expressions and meanings are assigned to the work done during each month:

R= Total value of work done during the month. It would include the amount of secured advance granted, if any, during the month, less the amount of secured advance recovered, if any during the month. It will exclude value for works executed for extra items under variations.

98.2 To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses in the contract, the unit rates and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs

The formula (e) for adjustment of prices is:

98 (a) (i): Adjustment of Other Materials Component

Price adjustment for increase or decrease in cost of local materials other than cement, steel, bitumen, pipe and POL procured by the contractor shall be paid in accordance with the following formula:

$V_M = 0.85 \times P_m/100 \times R \times (M_1 - M_o)/M_o$

V_M = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local materials other than cement, steel, bitumen and POL.

M_o = The all-India wholesale price index (all commodities) on 28 days preceding the date of opening of Bids, as published by the Ministry of Commerce and Industry Government of India, New Delhi.

M_1= The all-India wholesale price index (all commodities) for the month under consideration as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

P_m = Percentage of local material component (other than cement, steel, bitumen and POL) of the work.

98 (a) (ii): Adjustment for Cement Component

Price adjustment for increase or decrease in the cost of cement procured by the contractor shall be paid in accordance with the following formula:

$V_c = 0.85 \times P_c/100 \times R \times (C_1 - C_o)/C_o$

V_c = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for cement

C_o = The all-India wholesale price index for Ordinary Portland Cement (OPC) on 28 days preceding the date of opening of Bids as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

C_1= The all- I n d i a wholesale price index for Ordinary Portland Cement (OPC) for the month under consideration as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

P_c = Percentage of Cement Component of the work

98 (a) (iii): Adjustment for Steel Component

Price adjustment for increase or decrease in the cost of steel procured by the contractor shall be paid in accordance with the following formula:

V_s = 0.85 x Ps/100 x R x (S1- So)/So

V_s= Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.

S_0 = The all-India wholesale price index for steel (Mild Steel long products) on 28 days preceding the date of opening of Bids as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

S1= The all-India wholesale price index for steel (Mild Steel long products) for the month under consideration as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

P_s = Percentage of steel component of the work.

Note: For the application of this clause, index of (Mile Steel long products) has been chosen to represent steel group.

98 (a) (iv): Adjustment of Bitumen Component

Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:

V_b = 0.85 x P_b/100 x R x (B_1- B_o)/B_o

V_b = Increase or decrease in the cost of work during the month under consideration due to changes in the rate for bitumen.

B_o = The official retail price of bulk bitumen at the IOCL / BPCL depot at nearest center on the day 28 days prior to date of opening of Bids.

B_1 = The official retail price of bulk bitumen at IOCL / BPCL depot at nearest center for the 15th day of the month under consideration.

P_b = Percentage of bitumen component of the work.

98(a)(v): Adjustment towards differential cost of Pipes

Price adjustment for increase or decrease in the cost of pipe shall be paid in accordance with the following formula:

V_{pi} = 0.85 x P_{pi} /100 x R x (P_{i1}- P_{io})/P_{iO}

V_{pi} = D i f f e r e n t i a l cost of pipe i.e. amount of increase or decrease in rupees to be paid or recovered during the month under consideration.

P_{pi}= Percentage of pipe component of the work.

P_{i1} = All India Whole sale price index of pipe for the period under consideration as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

P_{io} = All India Whole sale price index of pipe on 28 days preceding the date of opening of Bids as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

98(b): Adjustment of Labour Component

Price adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

V_L = 0.85 x P_l/100 x R x (L_1 - L_o)/L_o

V_L = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local labour.

L_o= The minimum wages for unskilled labour as Notified by Government of Odisha as prevailed on the last stipulated date of receipt of tender including extension, if any.

L_1 = The minimum wages for unskilled labour as Notified by Government of Odisha as prevailed on the last date of the Month previous to the one under consideration.

P_1 = Percentage of labour component of the work.

98(c): Adjustment of POL (fuel and lubricant) Component

Price adjustment for increase or decrease in cost POL(fuel and lubricant) shall be paid in accordance with the following formula:

V_f = $0.85 \times P_f/100 \times R \times (F_1 - F_o)/F_o$

V_f = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for fuel and lubricants.

F_o = The official retail price of High-Speed Diesel (HSD) at the existing consumer pumps of IOCL/BPCL/ HPCL at nearest center on the day 28 days prior to the date of opening of Bids.

F_1= The official retail price of HSD at the existing consumer pumps of IOCL/ BPCL/ HPCL at nearest center for the 15th day of the month under consideration .

P_f = Percentage of fuel and lubricants component of the work

Note : For the application of this clause, the price of High Speed Diesel oil has been chosen to represent fuel and lubricants group.

98 (d): Adjustment for Plant and Machinery Spares Component

Price adjustment for increase or decrease in the cost of plant and machinery spares procured by the Contractor shall be paid in accordance with the following formula:

V_p- $0.85 \times P_p/100 \times R \times (P_1 - P_0)/P_0$

V_p- Increase or decrease in the cost of work during the month under consideration due to changes in the rates for plant and machinery spares

P_0- The all India wholesale price index for manufacture of machinery for mining, quarrying and construction on 28 days preceding the date of opening of Bids as published by the Ministry of Commerce and Industry, , Government of India, New Delhi.

P_1- The all India wholesale price index for manufacture of machinery for mining, quarrying and construction for the month under consideration as published by the Ministry of Commerce and Industry, Government of India, New Delhi.

P_p- Percentage of plant and machinery spares component of the work

Note: For the application of this clause, index of manufacturing of machinery for mining, quarrying and construction has *been chosen to represent the Plant and machinery Spares group.*

Regarding wholesale price Index (WPI) for appropriate commodity for payment of price adjustment, due to change of base year of WPI from 1993-94 to 2004-05 & 2011-12, it is observed that, the commodity 'Bars and Rod', 'Cement', 'Heavy machinery and parts' included in the list of WPI 1993-94 series are not mentioned as such in the WPI 2004-05 & 2011-12 series . Therefore, the following items in the WPI 2004-05 & 2011-12 series shall be considered corresponding to items in WPI 1993-94 series:

Sl. No	Item in WPI 1993-94 Series	Item in WPI 2004-05 series	Item in WPI 2011-12 series
1.	Cement	Grey Cement	Ordinary Port land cement
2.	Bars & rods	Rebars	Mild steel long products
3.	Heavy Machinery & parts	Construction Machinery	Manufacture of machinery for mining, quarrying & construction.

98(e): APPLICATION OF ESCALATION CLAUSE:

The contractor shall for the purpose of availing reimbursement/refund of differential cost of steel, bitumen, cement, pipe, POL and wages, keep such books of account and other documents as are necessary to

show that the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of Government and further, shall at the request of the Engineer-in-Charge, furnish documents to be verified in such a manner as the Engineer-in-Charge may require any document and information kept. The contractor shall within a reasonable time of 15 days of his becoming aware of any alteration in the price of such material, wages of labour and /or price of P.O.L. give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition along with information relating to there to which he may be in a position to supply.

Sl No	Category of Works		% Component (Cost wise)		
			Labour (P_1)	POL (P_f)	Steel (P_s) + Cement (P_c) + Bitumen (P_b)+ Pipes (P_{pi})+ Plant & Machinery Spare & Component (P_p) + Other Materials*
1.	R&B works (%) of Component	Road Works	5	5	90
		Bridge Works	5	5	90
		Building Works	5	5	90
2.	Irrigation works (%) of Component	Structural work	5	5	90
		Earth, Canal & Embankment work	5	5	90
3.	P.H. Work	Structural work	5	5	90
		Pipeline Work	5	5	Pipe-70% *Machinery+ Other material-20%
		Sewer Line	5	5	Pipe-70% *Machinery+ Other material-20%

Appendix to Bid

Schedule of Adjustment Data

[For all works, adjustment factor for Labour and POL shall be considered @ 5% each, Steel, Cement, Pipes, Other materials and Machinery shall contribute to 90% of Price Adjustment and shall be calculated for each work separately during preparation of estimate, shall be approved by the authority during technical sanction as a " Schedule of Adjustment Data" and shall form part of the Bid Document]

Cl. No- 31 of F2/P1 contracts Sl No.	Index description	Source of Index	Base value*	Base Date*	Weightage of Item**
31 (a) (i)	Other materials	All India Whole sale price index (all commodities) as published by the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry			REFER CONTRACT DATA
31 (a) (ii)	Cement	Whole sale price index for Cement (Ordinary Portland Cement) as published by the office the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			
31 (a) (iii)	Steel	Wholes sale price index for Steel (Mild Steel-Long Products) as published by the Office of the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			
31 (a) (iv)	Bitumen (VG-30)	Official retail price of bulk bitumen at the nearest IOCL/HPCL depot			
31 (a) (v)	Pipes	Wholesale price index for the type of pipe under consideration, as published by the office the Economic Advisor to the Govt. of India, Mistry of Commerce and Industry			
31 (b)	Labour	Minimum wages notified by the Labour and Employee's State Insurance Department of Government of Odisha, India.			
31 (c)	POL	Official retail price of HSD at nearest IOCL/HPCL/BPCL Consumer pump depot			

31 (d)	Plant & Machinery	Wholesale price index for Manufacture and machinery for Mining, Quarrying and Construction as published by the office the Economic Advisor to the Govt. of India, Mistry of Commerce and Industry			
			Total		**100.00%**

*Values to be filled up at the time of drawal of contract.

** Values to be filled up in the bid document.

99. For diversion road the contractor will have to make his own arrangement to make the same in private land if necessary for which agreement of such land by the side of C.D. works and the rental charges for such private land shall be borne by the contractor including the proper maintenance with lighting arrangements during the night time and signalling during day time and barricading etc. till the C.D. works are opened to the traffic. No extra cost will be paid to the contractor for the above rental charges etc. His rate in the tender shall include this arrangement, rental charges for the land and maintenance, lighting and removal of such temporary road crust from the private land to bring the land to its original condition etc. complete.

100. The contractor has to arrange the land required for borrowing earth if necessary for the road work at his cost. No extra payment by the Department will be made on this account and no claim what-so-ever will be entertained on this ground. The rate quoted by the contractor should be inclusive of all such charges.

101. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an Site 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 P.W.D. 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 Site Order Book shall be the property of the R. D. Deptt. 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.

102. The bidder should conduct three bores at each pier and S.B.C. of soil at foundation level and abutments location and furnish the test results in conformity with I.R.C. code at his own cost before execution of the work and rate quoted by the contractor should be inclusive of such bores and S.B.C. tests etc. without any extra cost to the Department.

103. The details of foundation, sub-structure and floor protection for execution shall be done in accordance with the test results thus obtained.

104. The contractor shall have no claim what so ever for the extra quantity of work to be executed in view of above possible changes and payments is to be made as per Clause 10 of the **P-1** Contract.

105. Over and above these conditions, the terms and conditions and rules and regulations and specifications as laid down in Odisha P.W.D. Code, Bridge code and MoSRT&H Specifications with latest revision / amendment are also binding on the part of the contractor.

106. No part of the contract shall be sublet without written permission of the concerned Executive Engineer or transfer be made by power of Attorney authorizing others to receive payment on the contractor's behalf.

107. 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.

108. Any damages caused by natural calamities should be done by the contractor at his own cost. The Department will not be any way responsible for the same and will not pay any cost towards the repair done by the contractor.

109. The rate quoted by the contractor shall cover the latest approved rates of labours, materials, P.O.L. and Royalties. Arrangement of borrow areas; land, approach road to the bridge site etc. are the responsibility of the contractor.

110. The 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 rate will be inclusive of this.

111. The materials, borrow areas and hutments at site should be arranged by the contractor at his own cost. No future complaint on this account shall be entertained.

112. 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. 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 for as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10^{th} and 16^{th} days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim books not maintained from the commencement of the work are liable to be summararily rejected. The claim books rae the property of the R. D. Deptt. 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 which ever is earlier for record.

113. Number of tests as specified in I.R.C./MoSRT&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.

114. i) Besides, the firm / contractor shall install full fledged field laboratory at work site for conducting required tests as per IRC/MoSRT&H/ISI requirements at his own cost for providing sufficient opportunity for checking from time to time.

ii) 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 Chief Engineer and above.

iii) After completion of the road in all respects the road furniture's should be affixed by the executing agency indicating locations like school, hospital, No-horn etc.

115. **Condition for issue of plant & machinery to contractor on hire** :- Tools & plants will be issued to the contractor only if it is desirable in the interest of Govt. works and if these can be spared without inconvenience to the Department. The Sanction of the Superintending Engineer shall be necessary in each case. The contractor shall arrange his programme of work according to the availability of the plant & machinery & no claim will be entertained for any delay in supply by the Department.

An agreement shall be entered in to by the contractor to the effect that these hire charges are recoverable from the bills of the contractor regularly and the final payment for the work including refund of security deposit will not be made until the total amount due to the Government on account of hire of machinery etc. is recoverable in full. Full amount of hire charges due from the contractor at any contract at any time shall be recovered from his next subsequent bill.

All transit and incidental charges in connection with the dispatch of tools and plants and machineries from workshop shed/ deposit return there to, will be borne by the contractor.

The hire charge shall be recovered at the prescribed rates from and inclusive of the date, the plant and machinery is made over up to and inclusive of the date of its return, even though the same day it may not have been utilized for any reason except for a major break down which may take more than 72 hours for repairs. The contractor shall immediately intimate in writing to the Engineer –in-charge when any plant or machinery goes out of order requiring major repairs.

The hire charges are for clock hours. In case of tar boilers, hot mix plant and any other machinery requiring similar preparation the working hour will include the time required to make up the boiler temperature and bring plant to the operating conditions before the actual start of work.

The machine will work in shifts of 8 hours each. Extra charges towards overtime wages of any of the operating and maintenance staff will be leviable. These charges will be fixed by the Engineer-in-charge from time of time. In

no case the tools and plants shall be operated beyond 8 hours in any shift without prior written permission of the Engineer-in-charge.

The contractor shall release the plant and machinery as and when required for periodical servicing and maintenance. He shall also provide for any labour and water source for washing the plants. In the case of Concrete mixtures, pavers and similar such type of equipments, the contractor shall arrange to get the hopper cleaned and the drums etc. washed at the close of work each day.

The plant and machinery once issued to a contractor shall not be returned by him on account of lack of arrangement of labour and material etc. on his part. The same will be returned only when they do not require or when in the option of Engineer-in-charge the work or a portion of work for which issued is completed.

The tools and plants shall while in transit and in the custody of contractor be at his sole risk and responsibility for damages and / or loss except fair wear and tear. The damage or loss as assessed by Engineer-in-charge shall be made good by the contractor. In the event of a disagreement as to the extent of damage or the value of article lost, the decision of superintending Engineer shall be final. The contractor shall on or before the supply of plant and machinery sign an agreement in indemnifying the Govt. against loss or damage to the machine. The Contractor shall also be responsible for any claim for compensation for loss of life, injury or damages to property etc. arising from any cause what-so-ever. The contractor shall provide full time choukidar for guarding the plant and machinery at site.

If the articles are not returned within the date originally specified or extended by the Engineer-in-charge, in addition to the normal hire charge, a surcharge equal to 10% of the hire charges will be levied for the period that the machinery is not returned. Such period will be treated as working time. In the event of the non-return of the machinery, the full value of the articles at the current market price will be recovered from the contractor's outstanding bills or any bills that may become due in respect of his other work under the state public works Department. The decision of the superintending Engineer shall be final in case of dispute.

FORM OF AGREEMENT – The contractor shall, before taking the possession of the machinery, enter in to an agreement with the Engineer-in-charge or his nominees in the form attached.

Log Books for recording the hours of daily works for each of the plant and machinery supplied to the contractor will be maintained by the Department will be attested by the contractor or his authorised agent daily. In case of contractor contests the correctness of the entries and / or fails to sign the log book, the decision of the Engineer-in-charge shall be final and binding on him. Hire charges will be calculated according to the entries in the logbook and will be binding on the contractor.

AGREEMENT FOR LOANS OF GOVERNMENT TOOLS & PLANTS.

This agreement made the _____Two Thousand _____ _____between (here-in-after referred to as "the hirer" which expression shall unless excluded by or repugnant to the context include his heirs, executors, administrators and assigns) of the one part and the Govt. of Odisha (here in after referred to as the Governor which expression shall unless excluded by or repugnant to the context include his successors in office as assigns) of the other part.

Where as the hirer desirous of hiring the tools and plants of the P. W. Department / R.D. Deptt. of the Odisha Govt. and more particularly specified in the schedule here under between here in after referred to as "the tools and plants".

And where as Government has agreed to let in hire the tools and plants to the hirer on the terms and conditions here in after mentioned.

Now it is here by and between the parties here to as follows :-

(a) In consideration of agreement that hire charges be recovered from their bill for work executed on which this machinery will be used or any other than standing in the names of contractors in the book of the Department or any other Government Department. The Govt. agrees to let the hirer tools and plants for the period to be computed from the date of delivery of the tools and plant to the hirer at the P.W. Department / R.D. Deptt workshop **at headquarters of concerned Executive Engineer as per Contract Data.**

(b) The rate of higher charges will be as mentioned in the schedule attached.

(c) The hirer shall not transfer, assign or sublet or in any way part with the tools and plants or any part there-of without the previous written approval of the Engineer-in-charge

(d) On the expiry of the period of the hire, the hirer shall return the tools and plants to the Public Works Department. / R.D. Deptt. & workshop / store at **headquarters of concerned Executive Engineer as per Contract Data** in the same good condition in which they were received by him.

(e) In the event of the tools and plants not being returned on the expiry of the above-mentioned period, the hirer shall without prejudice and any other liability pay to the Government on account equivalent to the rate of hire specified for the working period and an increase of ten percent.

(f) The tools and plants shall be open for inspection at all times to the officers of the Government.

(g) The hirer shall not operate the tools and plants so hired for more than one shift / two shifts of 8 hours each per day without the prior sanction of the Engineer-in-charge. If the hirer operates the tools and plants beyond the aforesaid limit without the prior sanction of the Assistant Engineer, he shall pay to Government additional hire charges as well as over time charges for staff for such excess operation at the rate approved by the Engineer-in-charge from time to time.

(h) In case of breakdown, repairable at the site within a period of three days hire charges as specified in the schedule will be levied except in case of major repairs.

(i) Normally the tools and plants will be supplied with operating staff.

(j) The hirer shall be responsible for any claims for compensation for loss of life, injury or damage to property etc. arising due to any causes what-so-ever during the period of the machinery is in his charge.

(k) All municipal or other dues and taxes payable on account of the use or operation of the tools and plants for the period of hire shall be defrayed by the hirer.

(l) The hirer shall make good any loss or damages arising out of causes other than fair wear and tear to the tools and plants during the period of hire. The cost recoverable from the hirer shall be the full replacement value as determined by the Engineer-in-charge .In the event of any loss or damage not being made good by the hirer to the satisfaction of the said Engineer-in-charge the office shall be at liberty to make good himself such loss or damage and recover the cost thereof from the hirer. The hirer shall pay to the Engineer-in-charge such an amount as shall be necessary to make good the loss or damage failing which the same will be recovered from his dues as in case of hire charges.

(m) On the breach of any terms or conditions of this agreement by the hirer the Engineer-in-charge shall be entitled to demand the return of tools and plants and the hirer shall return the tools and plants within 72 hours from the date of receipt of such order in writing .In case of failure on the part of the hirer to comply with such order he shall be liable to pay such penalty as may be imposed by the Engineer-in-charge for the period the tools and plant are detained provided that the maximum penalty shall not exceed the cost replacement of the tools and plants .

(n) In case of any disputes between the hirer and the Government, the decision of the Superintending Engineer shall be final.

(o) This agreement shall be operated by the Engineer-in-charge on behalf of the Government and the term Engineer-in-charge shall include all officers duly authorized by him to exercise powers on his behalf.

THE SCHEDULE

Serial No.	Description and Name of the articles .	No.	Amount of hire per hour .	Remarks.

In witness where of the hirer and the Engineer-in-Charge has for and on behalf of the Governor of the State has set their respective hand, the day and the year here in above written.

Signed by:

1. 2.

Signed sealed and delivered in the presence of

1. 2.

116. The agency will be responsible for traffic management and maintenance of the stretch of the road (for which the tender has been invited) at his own cost during the period of execution.

117. 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.

118. The information furnished must be sufficient to show that the applicant is capable in all respects to successfully complete the envisaged work.

119. 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 forfeiture of EMD unless adequate justification for such back out is furnished. Appropriate action for black listing the tenderers shall also be taken apart from disincentivising the tenderer.

120. ADDENDUM TO THE CONDITION OF P1 CONTRACT

Clause-2 (a) of P-1 Contract:-TIME CONTROL (Vide Works Department Office Memorandum No.24716 dt.24.12.2005 and No.8310 dt.17.05.2006):-

2.1. Progress of work and Re-scheduling programme.

2.1.1. 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.

2.1.2. As per amendment to Para-3.5.18 Note-VIII of O.P.W.D. Code Volume-I, before acceptance of the tender. The successful bidder will be required to submit a work programme and Milestone basing on the financial achievement so as to complete the work within the stipulated time and in case of failure on part of the agency to achieve the Milestone Liquidated damages will be imposed. .

2.1.3. 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.

2.1.4. 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 over due Programme has been submitted.

2.1.5. 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.

2.1.6. 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.

2.2. Extension of the Completion Date.

2.2.1. 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.

2.2.2. As soon as possible after the Contract is concluded the Contractor shall submit the Time & Progress Chart for each milestone 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.

2.2.3. 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.

i) Force majeure, or
ii) Abnormally bad weather, or
iii) Serious loss or damage by fire, or
iv) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.
v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.
vi) 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
vii) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.

2.2.4. Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen 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.

2.2.5. 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.

2.3. Compensation for Delay.

2.3.1. 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 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.

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, (which is in this case the original work programme furnished by the Contractor and approved by the Engineer-in-Charge which formed a part of agreement) or the rescheduled milestone(s) in terms of Clause 2.5 **of P-1 Contract**, 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.

2.4. Bonus for early completion

2.4.1 Amendment to Para 3.5.5 (v) Note – I of OPWD Code Vol.-I (as per Works Department O.M. No.1046 dtd.28.01.2015) by way of substituting "Road work" at Sl. No-2 with "Road work/Bridge work" (excluding the project funded by MoRTH, Govt. of India).

The work is to be completed in all respects within the period mentioned in the TCN in calendar months from the date of written order to commence the work.
Incentive should be paid in respect of individual project for new construction/substantial additional or improvement works, the minimum value of which is mentioned below:

Name of work		Minimum value
1.	Building work/ PH. Work	Rs. 40.00 lakhs
2.	Road work	Rs. 3.00 crores
3.	Irrigation work	Rs. 10.00 crores

2.4.2 Amendment to Para 3.5.5 (v) Note – iii of OPWD Code Vol.-I by inclusion

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 (seven) 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 1 (one) percent to 5 (five) 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 the contract period = 4% of contract value.
- Before 10% to 20% of the contract period = 3 % of contract value.
- Before 5% to 10% of the contract period = 2% of contract value.
- Before 5% of the contract period = 1% of contract value.

The amount of bonus, if payable shall be paid along with final bill after completion of work.

2.5 Management Meetings.

2.5.1. Either the Engineer or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.

2.5.2 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.

Clause-2 (b) of Percentage Rate P-1 Agreement: - 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 realised from the contractor as penalty.

121 A contractor may be blacklisted 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. Misbehaviour/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.

g. Non submission of Additional Performance Security (APS) within stipulated period as specified in Clause 28 (iii) as per **Works Department** Office memorandum No. 07764600022025-173/03.01.2026.

h. Keeping Business Relationship with a fraud Company in any manner that affects the contract executed with Government or Government agency as per Works Department Office Memorandum No.10496 dtd.12.07.2018.

122. **EIGIBILITY CRITERIA: -** To be eligible for qualification, applicants shall furnish the followings.

a. Required **Bid Security** as per the **clause No. 06** and **Cost of Bid document as per Clause No.04.**
Bid Security / Earnest Money Deposit (E.M.D.) @ 1% of estimated cost put to tender to be remitted through Online by the bidder during participation in tender process.

b. Scanned Copy of valid Contractor's Registration Certificate, GSTIN along with the tender documents as per **Clause No.07.**

c. Information regarding (1.) Evidence of ownership of principal machineries / equipments in Schedule-C as per Annexure-I of Schedule-C (2.) Annexure-II of Schedule-C & (3.) Annexure-III of Schedule-C if required as per **Clause No.10. scanned copy of all documents are to be furnished with the bid.**

d. Information in scanned copy regarding current litigation, debarring / expelling of the applicant or abandonment of work by the applicant in **schedule "E"** and **affidavit to that effect including authentication of tender documents in schedule "F"** as per **clause 11**.

e. Minimum qualifying requirement of execution of in **similar nature of works** as per **Clause No.14(e)** with scanned copy of experience certificate issued by the Engineer-in-Charge not below the rank of Executive Engineer to be furnished in **Schedule – D1**.

f. Qualifying the criteria of **minimum annual Turn Over** as per **Clause No.14 (f)** to be furnished in **Schedule – H**.

g. Submission of the required information on existing commitment in **Schedule – G** to derive his/their **available bid capacity** at the expected time of bidding **as per Clause 14 (i)**.

The bidder who meets the above minimum eligible criteria shall be qualified.

Total: - 122 (One hundred twenty-Two) clauses only.

Special Condition:

- All reinforcement steel and structural steel (Grade of steel as mentioned in the GAD) shall be procured from primary producers of steel **SAIL/RINL/TATA/JINDAL STEEL/SHYAM STEEL.**

  Besides above TMT Rebars of manufactured by the following 6 (Six) steel companies shall be used in the infrastructure projects in respect of specified Grade & Diameter of TMT Rebars as per Works Department Notification No.10466/W Dtd.23.06.2023.

  The cement of the companies having their own manufacturing units in the State of Odisha is to be used in all works.

SCHEDULE-A

CERTIFICATE OF NO RELATIONSHIP

I/We hereby certify that I/We* am/are* **related/not related**(*) to any officer of R.D. of the rank of Assistant Engineer & 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.

Sl. No.	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 "C"

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

Sl. No	Name of equipment	Total requirement			Equipment in hand			Equipment to be procured			Whether documentary evidence furnished	Reference to documentary evidence	Remarks
		No. of units	Kind and make	Capacity	No. of each	Year of manufacture and present condition	Present location	No. of each	Capacity	Through lease / purchase			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
(A) for Open foundation bridge													
1	Hydraulic Excavator	1 no.											
2	Vibratory Roller	1 no.											
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.											
4	Generator – 33 KVA	1 no.											
(B) for Well foundation bridge													
1	Hydraulic Excavator	1 no.											
2	Vibratory Roller	1 no.											
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.											
4	Crawler Crane	1no.											
5	Generator – 33 KVA	1 no.											
(C) for Pile foundation bridge													
1	Hydraulic Excavator	1 no.											
2	Vibratory Roller	1 no.											
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.											

Sl. No	Name of equipment	Total requirement			Equipment in hand			Equipment to be procured			Whether documentary evidence furnished	Reference to documentary evidence	Remarks
		No. of units	Kind and make	Capacity	No. of each	Year of manufacture and present condition	Present location	No. of each	Capacity	Through lease / purchase			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
4	Piling Rig with Bentonite Pump	1no.											
5	Generator – 33 KVA	1 no.											
(B)	Time Schedule for movement of equipments / machineries available with the tenderer from one site to work site as per Annexure-II and III of Schedule-C											D.T.C.N Clause No.10	

Note:

1. Reference Annexure I for list of minimum essential equipments for the Work

2.If leased indicate the date when the current lease expires

Signature of Bidder

ANNEXURE – I OF SCHEDULE-C

LIST OF PLANT AND EQUIPMENTS TO BE DEPLOYED ON THE CONTRACT WORK
(MANDATORY & MINIMUM REQUIREMENT WITHOUT WHICH THE TENDER SHALL BE REJECTED**)**

Sl. No.	List of plants and equipments	Requirement
	(A) for Open foundation bridges	
1	Hydraulic Excavator	1 no.
2	Vibratory Roller (8 -10 ton)	1 no.
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.
4	Generator – 33 KVA	1 no.
	(B) for Well foundation bridges	
1	Hydraulic Excavator	1 no.
2	Vibratory Roller (8 -10 ton)	1 no.
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.
4	Crawler Crane	1no.
5	Generator – 33 KVA	1 no.
	(C) for Pile foundation bridges	
1	Hydraulic Excavator	1 no.
2	Vibratory Roller (8 -10 ton)	1 no.
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.
4	Piling Rig with Bentonite Pump	1no.
5	Generator – 33 KVA	1 no.

ANNEXURE – II OF SCHEDULE-C

CERTIFICATE TO BE ISSUED BY THE EXECUTIVE ENGINEER
UNDER WHOM THE MACHINERIES / EQUIPMENTS ARE DEPLOYED.
(Not issued prior to 90 days of receipt of tender)

Sl. No	**Name of the machineries/ equipments**	**Identification No. / Engine / Chassis No.**	**Capacity**	**Year of purchase**	**Condition (Working / breakdown)**	**Since when deployed under him**	**When it is likely to be released from current assignment**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**

Certified that,

1. I have verified the ownership documents with the identification no. of the Machineries / Equipments.
2. Machines are currently utilized exclusively for the work under the ……Division.
3. The facts provided are true as on the date of issue of this document to the best of my knowledge.

EXECUTIVE ENGINEER

ANNEXURE – III OF SCHEDULE-C

TIME SCHEDULE FOR MOVEMENT OF EQUIPMENT / MACHINERIES AVAILABLE WITH THE TENDERER
FROM ONE SITE TO WORK SITE WHEN THE CONTRACTOR IS EXECUTING SEVERAL WORKS

Sl. No	Name of Equipment & Machineries	Required No.	Name of the work for which Equipment & Machineries deployed	Name of the Division under whose jurisdiction Equipment & Machineries deployed	Name of the place where equipments and machineries deployed.	Time schedule for movement of equipment/ machineries to work site for use in tendered work
(A) for Open foundation bridges						
1	Hydraulic Excavator	1 no.				
2	Vibratory Roller (8 - 10 ton)	1 no.				
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.				
4	Generator – 33 KVA	1 no.				
(B) for Well foundation bridges						
1	Hydraulic Excavator	1 no.				
2	Vibratory Roller (8 - 10 ton)	1 no.				
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.				
4	Crawler Crane	1no.				
5	Generator – 33 KVA	1 no.				
(C) for Pile foundation bridges						
1	Hydraulic Excavator	1 no.				
2	Vibratory Roller (8 - 10 ton)	1 no.				
3	Self-loading Concrete Mixer with batch mix arrangement	1 no.				
4	Piling Rig with Bentonite Pump	1no.				
5	Generator – 33 KVA	1 no.				

Certified that, the above machineries shall be available solely for this work from the date mentioned against them.

Signature of Bidder

SCHEDULE-D1

WORKING EXPERIENCE

D-1. LIST OF SIMILAR NATURE OF PROJECTS COMPLETED / SUBSTANTIALLY COMPLETED DURING LAST FIVE YEARS

(As required under Cl. 14 (e)(ii) of DTCN)

Name of Employer	Name of the bridge project with location	Agreement amount/ Agreement No.	Date of starting the work as per Agreement*	Stipulated date of completion of the work as per Agreement*	Actual date of completion / substantial completion of the work*	Year wise expenditure incurred with break up (Rs in lakh)	Reasons for delay in starting/ completion, if any
1	2	3	4	5	6	7	8

Note:

* Certificate from the Engineer-in-Charge not below the rank of S.E./E.E to be furnished as per Cl. 14 (i)

Signature of the Bidder

Signature of the Officer not below the rank of Executive Engineer

SCHEDULE-D2

WORKING EXPERIENCE

D- 2. LIST OF SIMILAR NATURE OF PROJECTS IN PROGRESS DURING LAST FIVE YEARS

(As required under Cl. 14 (e)(ii) of DTCN)

Name of Employer	Name of the bridge project with location	Agreement amount/ Agreement No.	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	Year wise expenditure incurred with break up (Rs in lakh)	Reasons for slow progress
1	2	3	4	5	6	7	8

Note:

* Certificate from the Engineer-in-Charge not below the rank of S.E./E. E to be furnished as per Cl. 14 (i)

Signature of the Bidder

Signature of the Officer not below the rank of Executive Engineer

SCHEDULE- "E"

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

1.	a)	Is the tenderer currently involved in any litigation relating to the works.	Yes / No
	b)	If yes: give details:	
2.	a)	Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years.	Yes / No
	b)	If yes: give details:	
3.	a)	Has the tenderer 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 summarily be rejected.

Signature of the Bidder

SCHEDULE -F

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 **our firm M/s_____ nor any of its constituent partners / I** have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us / me 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.

(Signed by an Authorised Officer of the firm or Bidder)

Date:

SCHEDULE -G

Existing commitments and on-going works:

Description of works	Place & State	Contract No. and Year	Name & Address of Employer	Value of Contract (Rs. lakh.)	Stipulated Period of Completion	Value of works remaining to be completed (Rs in lakh)	Anticipated date of completion.
1	2	3	4	5	6	7	8

Signature of the bidder

SCHEDULE - H

Information on Annual Turn over

1 A table containing value of Civil Engineering Works executed by the Bidder during the last 5 years is as follows:

Sl. No	Financial Year	Value of Civil Engg. Works executed (Rs. In lakhs)	Escalation Factor	Updated Value of Civil Engg. Works executed (Rs. In lakhs)
1	Year 1: FY: 2021-22		1.61	
2	Year 2: FY: 2022-23		1.46	
3	Year 3: FY: 2023-24		1.33	
4	Year 4: FY: 2024-25		1.21	
5	Year 5: FY: 2025-26		1.10	

2 Certified that the maximum updated value of Civil Engineering Works that have been executed during the F.Y. _____ out of the last 5 years with updated price considering the escalation factor of _____ and value thereof is Rs. _____ lakhs (Rupees_____).

…… …… For and on behalf of …… (*Name of the Bidder*)	…… …… Name of the Chartered Accountant: Seal of the audit firm: (Signature, name and designation and Membership No. of signatory) UDIN-

APPROVED

Chief Construction Engineer
Rural WorksCircle,Angul

Signature Not Verified
Digitally signed by ANUP KUMAR BEHERA
Date: 2026.05.19 19:17:58 IST
Location: Odisha-OD