

# GOVERNMENT OF ODISHA

PANCHAYATI RAJ & DRINKING WATER DEPARTMENT



**OFFICE OF THE PANCHAYAT SAMITI, GURUNDIA**

**DOCUMENTS FOR COVER - I**

**TECHNICAL BID DOCUMENTS / DETAILED TENDER CALL NOTICE**

**FOR THE WORK**

**“CONSTRUCTION OF BOUNDARY WALL AT TAMDA P.H.C., TAMDA G.P. OF  
GURUNDIA BLOCK, DIST-SUNDARGARH”**

**ESTIMATED COST: - Rs.2235222.00/-  
( Rupees Twenty Two Lakh Thirty Five Thousand Two Hundred Twenty Two) only**

# PANCHAYAT SAMITI, GURUNDIA, SUNDARGARH

## DETAILED TENDER CALL NOTICE

Sealed percentage rate bids are invited in single cover system from B Class / C Class of eligible contractors registered with the State Government and contractors of equivalent Grade / class registered with Central Government / MES / Railways having registration for Civil, Electrical and P.H. works for execution of Civil / E.I. / P.H. 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 "Construction of boundary wall at Tamda P.H.C., Tamda G.P. of Gurundia Block Sundargarh" at an estimated cost of Rs. 2235222.00/- ( Rupees Twenty Two Lakh Thirty Five Thousand Two Hundred Twenty Two ) only.

a) This tender is of composite nature and consisting of Civil works, Electrical and PH works.

b) This detailed Tender Call Notice along with the clauses mentioned herein shall form a part of the contract and agreement.

1. The Bid documents are available on official website of District: <https://www.sundergarh.nic.in> from Dtd. 25.02.2021 to 17:00 hours of Dtd. 16.03.2021 The last date and time of submission of Bid is as per contract data.
2. The Bid documents will be opened by the assigned officer in the office of the Block Development Officer, Gurundia Sundargarh at **11.00 Hours on Dtd. 19.03.2021** in the presence of the bidders or their authorized representatives who wish to attend.
3. The bid documents can be downloaded from district website: <http://www.sundergarh.nic.in> on payment of the cost of bid documents of Rs.6,000/- in demand draft issued from any Nationalized Scheduled Bank may be prepared in the name of Block Development Officer, Gurundia payable at SBI, Gurundia towards bid cost and submit the demand draft in separate envelope marked "COST OF THE BIDDING DOCUMENT DOWNLOADED FROM THE INTERNET" along with the bid documents.
4. The bid is to be submitted in one cover.-

**Cover** is to contain photo copy of Contractor Registration Certificate, GST Registration Certificate, GSTIN, PAN, Profit Loss statement, M.O.U. (Memorandum of Understanding duly notarized) with eligible registered contractor having valid license, List of similar nature of works, work in hand, list of machineries, affidavit, and all other documents required as per the relevant clauses of this DTCN. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GSTIN as they have not started any business in the state and they have no liability under the Act. But before award of final contract, such bidders will have to produce the Odisha GSTIN and the **PRICE BID** duly filled in and signed by the bidder.

6. Furnishing photo legible copy of Original Contractor Registration certificate, valid GSTIN, PAN card along with the Technical Bid is mandatory otherwise his/ her bid shall be declared as non responsive and thus liable for rejection.
7. (i) **The Contractors are required to furnish photo copy of evidence of ownership showing the possession of principal machineries/equipments as per Annexure-I in Schedule-C for which contractor shall have to secure minimum 80% of marks failing which the tender shall be liable for rejection.**  
(ii) **In case the contractor proposes to engage machineries and equipments as asked for in the tender document, owned or hired but deployed outside the State, he/she is required to furnish additional 2% EMD / Bid Security. The entire bid security including the additional bid security shall stand forfeited 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.**  
(iii) **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 of 18 (Eighteen) months as mentioned in contract data from the last date of receipt of Bid documents.**

8. The civil contractor in order to take part in the composite tender should enter into an **M.O.U. (Memorandum of Understanding duly notarized)** with eligible registered contractor having valid license; for execution of electrical installation and other electrical works and a copy of such M.O.U. should be attached with the tender as per the proforma at **Schedule- J** which shall form a part of tender.

9. (i) The contract will be drawn in P.W.D. **P-1** contract form and will constitute 3 parts as follows.

- a. Part - I : For Civil items of works
- b. Part – II : For Electrical items of works
- c. Part - III : For PH items of works

The contract shall be drawn & signed by **Block Development Officer, Gurundia, Sundargarh** on behalf of the Governor of Odisha.

(ii) The Civil items of works as per Part-I of Schedule of quantities, Electrical items of works (both internal & external) as per part-II of Schedules of quantities and P.H. items of works (both internal & external) as per Part-III of the Scheduled of quantities of the Agreement shall be supervised measured and check measured by the **Assistant Executive Engineer, Gurundia.**

10. If an individual makes the application, the individual should sign above his full type written name and current address.

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

12. If the application is made by a firm in partnership, it shall be signed 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.

13. If the application is made by a limited company or a corporation, it shall be signed 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.

14. 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.

15. The work is to be completed in all respects within **Four (03)** calendar months from the date of issue of work order. **Before acceptance of 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 the part of the agency to achieve the milestone liquidated damage will be imposed**

**(Amendment to Para-3.5.18 Note-VIII of OPWD Code Vol.-I).**

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

17. The tenderer shall carefully study the tentative drawings and specifications applicable to the contract and all the documents, which will form a part of the agreement to be entered in to, by the accepted tenderer and detailed specifications for Odisha, and other relevant specifications and drawings, which are available. Complaint at a future date that the tenderers have not seen plans and specifications cannot be entertained.

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

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

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

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

20. The bidders shall remit the EMD / Bid Security amount @ 1% (One percent) of the estimated cost put to tender of Rs. **2235222.00/**rounded to thousand rupees i.e. **Rs. 22.36** ( Rupees Twenty Two Lakh Thirty Six Thousand ) only . Bidders desirous to hire machineries or equipments from outside the state or owned but deployed outside the state are required to **remit** additional one percent (1%) EMD / Bid Security.
21. The tender should be accompanied with the *photo copies of the valid Contractor Registration certificate, GST Registration Certificate, GSTIN and PAN card* which are mandatory, otherwise his/her bid shall be declared as non-responsive and thus liable for rejection. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GSTIN as they have not started any business in the state and they have no liability under the Act. But before award of final contract, such bidders will have to produce the Odisha GSTIN.
22. The tender containing extraneous conditions not covered by the tender notice are liable for rejection and quotations should be strictly in accordance with the items mentioned in the Tender Call Notices. Any change in the wording will not be accepted.
23. The department reserves the right of authority to reject any or all tenders received without assigning any reason whatsoever.
24. The earnest money of the L-1 bidder will be retained and will be dealt with as per terms and condition of O.P.W.D. Code. The retention of E.M.D. with the Department will carry no interest.
25. The Block Development Officer will notify the bidder / tenderer whose bid has been accepted of the award prior to expiration of the validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the conditions of Contract called the "Letter of Acceptance") will state the sum that the Block Development Officer will pay the contractor in consideration of the execution, completion and maintenance of the Works by the contractor as prescribed by the contract (Hereinafter and in the contract called the "Contract Price").
- The Notification of award will constitute the formation of the contract, subject only to the furnishing of a performance security (Initial Security Deposit) in form of Deposit receipt of Schedule Bank / Kissan Vikash Patra / Post Office Savings Bank Account/National Savings Certificate / Post Office Time Deposit Account duly pledged in favour of the **Block Development Officer, Gurundia, Sundargarh** & payable at **Gurundia** and in no other form, which including the amount already deposited as bid security (earnest money) shall be 2% of the value of the tendered amount(excluding 1% deposited towards hiring of equipments / machineries from outside the state if any) and sign the agreement in the P.W.D. form No. P-1 (Schedule XLV No. 61) for the fulfillment of the contract in the office of the **Block Development Officer ,Gurundia, Sundargarh** and payable at **Sundargarh** or as directed. The security deposit together with the earnest money and the amount withheld according to the provision of P-1 agreement shall be retained as security for the due fulfillment of this contract and additional performance security in accordance with the provisions of the agreement.

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

- a) The notice-inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming the bid as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto & required amount of performance security including additional performance security.
- b) Standard **P.W.D. Form P-1 with latest amendments**. Failure to enter in to the required agreement and to make the security deposit as above shall entail forfeiture of the Bid Security (earnest money) .No contract (tender) shall be finally accepted until the required amount of initial security money is deposited. The security will be refunded after **12 (Twelve) months** of completion of the work and payment of the final bill and will not carry any interest. As concurred by Law Department & Finance Department In their U.O.R. No 848, dt.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 tenderers back out from the offer before acceptance of tender by the competent authority.

26. The contractor should be liable to fully indemnify the Department for payment of compensation under workmen compensation act. VIII of 1923 on account of the workmen employed by the contractor and full amount of compensation paid will be recovered from the contractor.

27. Tenderers are required to liable by fair wages clause as introduced by Govt. of Odisha, Works Department letter No.VII (R&B) 5225, dt.26.2.55 and No. II, M-56/61-28842 (5), dt.27.9.61.

28. The contractor shall bear cost of various incidentals, sundries and contingencies necessitated by work in full within the following or similar category.

- a) Rent, royalties, cess and other charges of materials and all other taxes including GST from time to time, Ferry tolls, conveyance charges and other cost on account of land buildings including temporary building required by the tenderer for collection of materials, storage, housing of staff or other purpose of the work are to be borne by the contractor at his own cost. No rent will be payable to Govt. for temporary occupation of land owned by govt. at the site of the work for bonafide use of the land for work and all such construction of temporary nature by the contractor shall be done after obtaining written permission from the Engineer-in-Charge of the work and all such construction shall have to be demolished and debris removed and ground made good and cleared after completion of the work at no extra cost.
- b) Royalty will be recovered from each bill as notified by Govt. from time to time unless K Forms are enclosed. Refund of royalty at later date after passing of the bills cannot be entertained as the recovery of royalty is being credited to revenue.
- c) Labour camps or huts necessary to a suitable scale including conservancy and sanitary arrangements therein to the satisfaction of the local labour laws and health authorities shall have to be provided by the Contractor.
- d) Arrangement of suitable water supply including pipe water supply where available for the staff and labour as well as for the execution of the work is sole responsibility of the Contractor and no extra cost for carriage of water will be entertained. e) All fees and dues levied by Municipal, Canal or Water Supply Authorities are to be borne by the Contractor.
- f) Suitable safety equipments and dresses, gloves, life belts etc. for the labour engaged in risky operations are to be supplied by the contractor at his own cost.
- g) Suitable fencing barriers, signals including paraffin and electric signals where necessary at work and approaches in order in project the public and employees from accident has to be provided by the Contractor at his own cost.
- h) Compensation including cost of any legal suit for injury to persons or property arising out of execution of the work and also any sum, which may become payable due to operation of the workmen compensation act, shall have to be borne by the contractor.
- i) The contractor has to arrange adequate lighting arrangements for the work wherever necessary at his own cost.

29. No payment will be made for layout, benchmark, level pillars, profiles and benching and leveling the ground required, which has to be carried out by the contractor at his own cost. The rates to be quoted should be for finished items of work inclusive of carriage of all materials and all incidental items of work.
30. After the work is finished all surplus materials should be removed from the site of work, preliminary work such as vats, mixing platforms, etc. should be dismantled and all materials removed from the site and premises left neat and his should be inclusive in the rates. No extra payment will be made to the Contractor in this account.
31. It should be understood clearly that no claim what-so-ever will be entertained to extra items of works quantity of any item besides estimate amount unless written order is obtained from the competent authority and rate settled before the extra items of work or extra quantity of any items of work is taken up.
32. The tenderers shall have to abide by the C.P.W.D. safety code rules introduced by the Govt.of India, Ministry of Works and Housing & Supply in their standing order No.44150, dt.25.11.57.
33. No part of the contract shall be sublet without written permission to the concerned Executive Engineer or transfer to be made by the power of attorney authorizing others to receive payment on contractor's behalf.
34. Bid documents consisting of plans, specifications, the schedule of quantities and the set of terms and conditions of contract and other necessary documents can be seen in all the offices issuing the documents and office of the under signed during office hours every day except on Sundays and Public Holidays till **last date of sale and receipt of tender papers**. Interested bidders may obtain further information at the same address. But it must be clearly understood that tenders must be received in order and according to instructions in complete shape. Incomplete tender is liable for rejection.
35. **No Relation certificate.**  
The contractor shall furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of an Assistant Engineer & above in the state P.W.D. or Assistant/Under Secretary & above in the Panchayatiraj and Drinking Water Department. If the fact subsequently proved to be false, the contract is liable to be rescinded. The earnest money & the total security will be forfeited & he shall be liable of make good to damages the loss or damages resulting for such cancellations. The proforma for no relationship certificate is contained in a separate sheet vide **Schedule-A**.
36. **Price Adjustment in works contract :**  
Price Adjustment clauses due to increase or decrease in rate and price of labour, materials, fuels & lubricants and Plant & machineries spare component in accordance with the following principles and procedures as per formula Vide Works Department Memorandum No-15847 /W dt.19.11.2019 as given below :

#### **ANNEXURE-A**

##### **Clause 31 :- Price Adjustment**

31.1 : 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 Pares

(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.

31.2 : 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 are :

**31(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:

$$V_M = 0.85 \times P_m/100 \times R \times (M_1 - M_0)/M_0$$

$V_M$  = 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.

$M_0$  = 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.

**31(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:

$$V_c = 0.85 \times P_c/100 \times R \times (C_1 - C_0)/C_0$$

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

$C_0$  = 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.

The all India 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

**31(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:

$$V_s = 0.85 \times P_s/100 \times R \times (S_1 - S_0)/S_0$$

$V_s$  = 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

$S_1$  = 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 (Mild Steel long products) has been chosen to represent steel group.

### **31(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:

$$V_b = 0.85 \times P_b / 100 \times R \times (B_1 - B_0) / B_0$$

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

$B_0$  = The official retail price of bulk bitumen at the IOC / 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 IOC / BPCL depot at nearest center for the 15th day of the month under consideration.

$P_b$  = Percentage of bitumen component of the work

### **31(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:

$$V_{pi} = 0.85 \times P_{pi} / 100 \times R \times (P_{i1} - P_{i0}) / P_{i0}$$

$V_{pi}$  = Differential 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

$P_{i0}$  = 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.

### **31(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

$$V_L = 0.85 \times P_l / 100 \times R \times (L_1 - L_0) / L_0$$

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

$L_0$  = 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.

$P_l$  = Percentage of labour component of the work.

### **31(c) : Adjustment of POL(fuel and lubricant) Component**

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

$$V_f = 0.85 \times P_f / 100 \times R \times (F_1 - F_0) / F_0$$

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

$F_0$  = The official retail price of High Speed Diesel (HSD) at the existing consumer pumps of IOC / BPCL/ HPCL at nearest center on the day 28 days prior to the date of opening of Bids.

F<sub>1</sub> = The official retail price of HSD at the existing consumer pumps of IOC / BPCL/ HPCL at nearest center for the 15th day of the month under consideration.

P<sub>r</sub> = 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

**31(d) : Adjustment for Plant and Machinery Spares Component**

(vi) 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<sub>p</sub> = 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<sub>0</sub> = 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<sub>1</sub> = 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<sub>p</sub> = 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:

SI 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 and parts	Construction Machinery	Manufacture of machinery for mining quarrying and construction.

**31(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.

**Percentage Table**

S.I. No.	Category of works	% Component (Cost wise)			
		Labour (Pl)	POL (Pf)	Steel (Ps) + Cement (Pc) + Bitumen (Pb) + Pipes (Ppi) + Plant & Machinery Spare & Component (Pp) + 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%

**Note :** - Further break up may be worked out considering the consumption of Cement, Steel, Bitumen ,pipe and Plant & Machinery Spare Component in the concerned works and shall be provided in the bid document in shape of "**Schedule of Adjustment Data**" as an "**Appendix to Bid**". (enclosed herewith)

**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 SI No.	Index description	Source of index	Base value*	Base Date*	Weight age 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.			
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	Whole 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 IOC/ HPCL depot			
31 (a) (v)	Pipes	Whole sale price index for the type of Pipe under consideration, as published by the office the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry.			
31 (b)	Labour	Minimum Wage notified by the Labour and Employee's State Insurance Department of Government of Odisha, India			5%
31 (c)	POL	Official retail price of HSD at nearest IOCU HPCU BPCL Consumer pump depot.			5%
31 (d)	Plant and Machinery	Whole sale price index for Manufacture of Machinery for Mining, Quarrying and Construction as published by the office the Economic Advisor to the Govt. of India, Ministry of Commerce and Industry			
				Total	100 %

\*Value to be filled up at the time of drawl of contract

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

37. If any advance / Secured advance is granted by the Department the same will bear interest at the rate of 18% P.A.
38. All items of work as per schedule of quantities of this tender should confirm to Odisha Detailed Standard Specification. I.R.C. & I.S.I. Codes & Bridge code section I,II,III,IV&VII & latest design criteria for pre-stressed concrete bridge specially for Roads & Bridges issued by MoRT&H, Government of India, Compacting shall have to be carried out with help of mechanical vibrators from the range of I.S.:2505, I.S.:2006, I.S.:2514. I.S.:4656.
39. Centering & Shuttering shall be with suitable steel shutters in side of which shall be lined with suitable sheeting and made leak proof and watertight. All joints in formwork shall be properly sealed preferably with P.V.C. joints sealing tapes & compounds.

40. Form work including complete false work shall be designed by the Contractor without any extra cost to employer and the Department will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject partly or fully such structures, if found defective in their opinion. Any eventually such as loss of lives or property due to failure of centering and shuttering shall be the responsibility of the Contractor regarding compensation of all claims thereof.
41. Cement shall be used by bags and weight of one bag of Cement should be 50 (fifty) Kg. net & the Engineer-in-Charge or his representative shall have the right to test the weight & quality from time to time.
42. The tenderers shall make all arrangements for proper storage of materials but no cost for raising shed for store and pay of security guard etc. will be borne by the Department. The department is not responsible for any theft or loss of materials at site. It is contractor's risk. Under any such plea, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the contract.
43. Approach road to site of work for transport of materials to site of work is sole responsibility of the Contractor. Statutory traffic restriction in the town area for Transport of construction material to site of work is to be taken in to consideration before tendering and no consideration for extra time or compensation thereof shall be considered.
44. The contractor should at his own cost arrange necessary tools and plants required for efficient execution of work and the rates quoted should be inclusive of transportation, hire and running charges of such plant and cost of consumables.
45. The contractor shall properly co-ordinate with the execution of P.H. and Electrical works and take care of the safety of workers.
46. The machineries if available, with the department may be supplied on hire as per charges noted in the enclosed statement and may be changed from time to time subject to the condition that the contractor will execute in advance an agreement with the Engineer-in-Charge.
47. No claim whatsoever will be entertained for supply of machineries. No extension of time will be granted to the contractor under this ground under any circumstances
48. The tenderer should furnish along with their tender a list of works executed during the last five years duly certified by the concerned Engineer-in-charge indicating the satisfactory completion for Civil, P.H. & Electrical works as per the proforma enclosed in a separate sheet of **Schedule-D**.
49. The tenderer or any of its constituent partners of whose contract for any work has been rescinded or who has abandoned any work in the last five years prior to the date of Bid shall be debarred from qualification. The tenderer is to furnish an affidavit at the time of submission of tender paper about the authentication of tender documents. An affidavit to this effect is to be furnished in **Schedule-F** and information in **Schedule-E**
50. It should be clearly understood that :
  - a) The joints of the bars are to be provided with lapping, welds or bolts nuts as well be directed by the Engineer-in-charge.
  - b) Concrete test specimens 150mm × 150mm × 150mm in size (whether plain or reinforced concrete) for the testing shall be taken for each structural member by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant 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 Control and Research Laboratory of Rourkela. Test should be carried out in accordance with the stipulation in Bridges code section-III.
  - c) Test specimens shall be formed carefully in accordance with the standard method of taking test specimen and no plea shall be entertained later on the grounds that the casting of the test specimen was faulty and that the result of the specimen did not give a correct indication of the actual quality of concrete.
  - d) Plain concrete and reinforced concrete specimens will be tested in **Quality Control and Research Laboratory as per direction of Engineer-in-charge**. Cost of testing of all specimens and samples will be borne by the Contractor.
51. The rates quoted should be inclusive of carriage of water required in connection with execution of the work. No claim for carriage of water whatsoever will be entertained.
52. 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. 2,50,000.00**. 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.

53. List of tool & plants in running condition in possession of contractor is to be furnished in a separate sheet of **Schedule-C**.
54. 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.
55. For submission of a tender for the work, the tenderer will be deemed to have satisfied himself by actual inspection of the site and locality of the work about the quality and availability of the required quantity of materials, Medical aid, labour and Flood stuff etc. and that the rates quoted by him in the tender will be adequate to complete the work according to the specifications attached thereto and that he had taken in to account all conditions and difficulties that may be encountered during its progress and to have quoted labour rates and materials with taxes, Octoroi and other duties lead, lifts, loading and unloading freight for materials and all other charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. After acceptance of the contract rates Government will not pay any extra charges for any reason in case the contractor finds later on to have misjudged the conditions as regards the availability of materials, labour and other factors. The contractor will be responsible for any misuse, loss or damages due to any reasons whatsoever of any departmental material during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other dues.
56. 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.
57. **GST at source will be deducted as per the Government rule in force.**
58. **Prevailing rate of cess i.e. @ 1% on estimated cost put to tender as per the Building and Other Constructed Workers (RE&CS) Act. 1996 and Buildings and Other Construction Workers Welfare Cess Act. 1996 (vide resolution No.-12653, dt.15.12.2008 of Labour and Employment Department, Govt. of Odisha) will be deducted from each running bill of the contractor.**
59. It must be clearly understood that under no circumstances any interest is chargeable for the dues or additional dues if any payable for the work executed and final bill pending disposal due to any reason whatsoever.
60. No extra payment will be made for removing spreading and consolidating salvaged metals and materials.
61. Under section 12 of contractors labour (Regulation and Abolition) Act. 1970 the contractor who undertakes execution of work through labour should produce valid license from licensing authorities of labour Department.
62. **Performance Security / Additional Performance Security :**
  - 62.1 **If the rate quoted by the bidder is less than 15% of the tendered amount, then such a bid shall be rejected and the tender shall be finalized basing on merits of rest bids. But if more than bid is quoted at 14.99% (Decimals up to two numbers will be taken for all practical purpose) less than the estimated cost, the tender accepting authority will finalize the tender thorough a transparent lottery system where all bidders / their authorized representatives, the concerned Executive Engineer and DAO will remain present.**

(Amendment to Appendix-IX, Clause-36 of OPWD Code Vol.-II )  
(by inclusion vide O.M.No.12366 dt.08.11.2013).
  - 62.2 **Additional Performance Security shall be obtained from the bidder, when the bid amount is less than the estimated cost put to tender. In such an event, only the successful bidder who have quoted less bid price / rates than the estimated cost put to tender shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as Additional Performance Security in shape of Term Deposit Receipt pledged in favour of Divisional Officer Block Development Officer ,Gurundia, Sundargarh & payable at Gurundia within seven days, otherwise the bid shall be cancelled and the security deposit shall be forfeited. Further proceeding for blocking shall be initiated against bidder (O.M. No.14299 dt.03.10.2017).**

If the Contractor fails to complete the work, the amount so furnished as additional performance security will be forfeited in addition to the other penal clauses, if any to be imposed.

(Amendment to Para-3.5.5 (V) Note-II of OPWD Code Vol.-I by substitution of O.M. No.14299 dt.03.10.2017 in place of O.M. No.5288 dt.04.05.2016).

63. **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.
64. Super class contractor shall employ under himself two Graduate Engineer and two Diploma holders belonging to the State of Odisha. Special class contractor shall employ under him one graduate Engineer and two Diploma Holders belonging to the state of Odisha. Likewise 'A' class contractor shall employ under him one Graduate Engineer or two Diploma Holders belonging to state of Odisha. The contractor shall pay to the Engineering personnel monthly emoluments, which shall not be less than the emoluments of the personnel of equivalent qualification employed under the State Govt. of Odisha. The 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 tender documents vide **Schedule-G**.
65. 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 Executive Engineer and above.
66. All reinforced cement work should conform to Odisha Detailed specification and should be of proportion as per Contract Agreement having desired compressive strength (in work test) in 15 Cm cubes at 28days, after mixing and test conducted in accordance with IS 456 and IS 516.
67. Bailing out of water from the foundation, pipeline trenches S. Tanks/ Soak pits/ Sumps/ M.H. etc. either rainwater or sub-soil water if necessary should be borne by the contractor. No payment will be made for benchmarks. Level pillars, profiles and benching and leveling the ground wherever required. The rates quoted should be for finished items of works inclusive of these incidental items of work. It should be understood clearly that no claims whatsoever would be entertained.
68. The tenderer shall have to abide by the C.P.W.D. safety code rules introduced by the Government of India, Ministry of work Housing and Supply in their standing order No-44150 dtd.25.11.57.
69. The Contractor will have to submit to the **Block Development Officer, Gurundia, Sundargarh.**
70. monthly return of labour both skilled and unskilled employed by him on the work.
71. All fittings for doors and windows P.H. & Electrical works as supplied by the Contractor should be of best quality and conform to relevant I.S. specification and should be got approved by the Engineer-in-charge of the respective wing before they are used on the work.
72. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing buildings, if found necessary and bear the entire cost of such test, including the inspection of Electrical Inspectorate.
73. The Tenderer should furnish along with their tender 1. A list of works, which are at present in their hand (**Schedule-B**) **in case where the BID Value is equal & above 300 Lakh** 2. List of T&P (**Schedule-C**) and 3. List of work executed (**Schedule-D**) in the prescribed proforma(s) enclosed herewith in appropriate place of bid document.
74. All reinforced cement concrete works should be finished smooth.
75. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for one item should not be unworkable low and for others too high.
76. The contractor has to arrange the samples of materials required for execution to be got tested and approved by the Department before taking up the work and during course of execution required from time to time. All such samples will be tested at any of the **Departmental Control and Research Laboratories**, at the cost of the Contractor with no extra cost to the Department.
77. If there is any damage to the work due to natural calamities like flood or cyclone or any other cause during the course of execution of work or up to 6 months after completion of work or if any, imperfection becomes apparent to the work within 6 months from the date of final certificate of completion of work the contractor shall make good of all such damages at his own cost with no extra cost to the Department. No claims, whatsoever, in this regard will be entertained.
78. The Fly Ash Bricks should be of good qualities. The bricks should be approved by the Engineer-in-Charge before use in the work and should confirm to the minimum strength and other criteria as per National Building Code.

79. Under Section 1 of contract labour Regulation and Abolition Act 1970 the contractor who undertakes execution of work through labour should produce valid license from the licensing authority of labour Department.
80. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurements.
81. Engineer Contractor desirous to avail the facility of exemption of E.M.D is required to submit an affidavit to the effect that he has not yet availed the facility / participated in the tender for more than two works (Excluding this work) during the current financial year. The name of work for which participated and the authority to whom the tender was submitted must be mentioned in the affidavit, failing which the tender will be rejected.
82. 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.
83. **SPECIAL CONDITIONS (PART OF THE CONTRACT)**
- (I) All materials before they are being used in the items of works as per this Schedule of quantities and also the finished items of work where tests are applicable shall have to be tested through the Engineer-in-charge of the respective wing at appropriate Laboratories according to the relevant I.S. specifications of the materials and the said items of works and the cost of all such tests shall have to be borne by the Contractor and the rates of the items of works should be inclusive of cost of such tests.
- (II) The tests have to be planned & carried out such that the progress of work is not hampered
- (III) The tests are mandatory as per the prescribed frequencies and I.S. specifications. However, these are not exhaustive and the Engineer-in-charge has the right to prescribe other required test if any as will be considered from time to time.
84. In case of ambiguity between clauses of this D.T.C.N. and the **P-1** contract form, the relevant Clauses of the **P-1** contract form shall prevail over the D.T.C.N. The clauses not covered under **P-1** contract form shall be governed by the clauses of the D.T.C.N.
85. 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.
86. Schedule of quantities is accompanied in **BOQ**. 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.
87. 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 Block Development Officer 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 Block Development Officer is final and binding on the contractor.
88. The contractor should arrange the materials like Steel, Cement, paint and bitumen etc. of approved quality and specification at his own cost for completion of the work with the time schedule. No extension of time will be granted on the application of the contractor due to delay in procurement of materials.
89. 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.
90. If the contractor 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 contractor or from his security deposit or from the proceeds of sale thereof.
91. The selected contractor may take delivery of departmental supply according to his need for the work issued by the **Block Development Officer** subject to the availability of the materials. The tenderer shall make all arrangement for proper storages of materials but no cost for raising shed for storage, pay of security guard 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 tenderer stops the work, he shall have to pay the full penalty as per clause of **P1** agreement.

92. 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.
93. All the materials which are to be supplied from P.W.D. 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 the issue from the P.W.D. store, the materials may be under the custody of the contractor and the contractor will be responsible for its safety and storage. Cut pieces of steel more than one meter in length will be returned by the contractor at the issuing stores without conveyance charges.
94. 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. No extension of time or escalation of price on such account shall be entertained in future.
95. 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 (Wastage of bars and unnecessary lapping will not be considered for measurement and payment).
96. **Odisha Bridge & Construction Corporation** Ltd. will be allowed price preference up to 3% over the lowest quotation or tender as laid down in Works and Transport Department Resolution No-285 date-17.04.1974. The **Odisha Construction Corporation** will be allowed a price preference to the extent of up to 3% over the lowest tender amount (Where their tender is not the lowest) provided they express willingness to execute the work after reduction of rates by negotiation.
97. The contractor is required to pay royalty to Govt. as fixed from time of time and produce such documents in support of their payment to the concerned Block Development Officer with their bills, falling which the amount towards royalties of different materials as utilised by them in the work will be recovered from their bills and deposited in the revenue of concerned department.
98. **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.
99. Any defects, shrinkage or other faults which may be noticed within 12 (Twelve) months from the completion of the work arising out of defective or improper materials or workmanship timing are upon the direction of the Engineer-in-Charge to be amended and made good by the contractor at his own cost unless the Engineer for reasons to be recorded in writing shall be decided that they ought to be paid for and in case of default Department may recover from the contractor the cost of making good the works. The contractor is also required to maintain the road/ building for **12 (Twelve) months** from the date of successful completion of the work.
100. From the commencement of the works to the completion of the same, they are to be under the contractors charge. The contractor is to be held responsible to make good all injuries, damages and repairs occasioned or rendered necessary to the same by fire or other causes and they hold the 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.
101. **Gradation of ingredients:** The coarse and fine aggregate shall meet the grade requirement as per the latest provision of relevant. I.S. Code / I.R.C. code / MoRT&H specifications.
102. Where it will be found necessary by the Department, the Officer-in-Charge of the work shall issue an order book to the contractor to be kept at the site of the work with pages serially numbered. Orders regarding the work whenever necessary are to be entered in this book by the PR& DW Officer-in-Charge with their dated signatures and duly noted by the contractor or his authorized agents with their dated signature. Orders entered in this book and noted by the contractor's agent shall be considered to have been duly given to the contractor for following the instructions of the

Department. The order Book shall be the property of the P.R & DW. 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.

- 103.** 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.
- 104.** 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.
- 105.** The rates quoted by the contractor shall cover the latest approved rates of Labours, Materials, P.O.L. and Royalties. Arrangement of borrow areas i.e. Land, Approach Road to the building site etc. are the responsibility of the contractor.
- 106.** The rate for each work of concrete items wherever dewatering is imperatively necessary the term dewatering shall mean the execution or operation of the items due to standing water as well as due to percolation of water. The quoted rates will be inclusive of this.
- 107.** 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 far as possible regarding the quantities as well as the total amount claimed. The claim book must be submitted by the contractor regularly by 10th and 16th days of each month for orders of the Engineer-in-Charge or competent authority. Claims not made in this manner or the claim book not maintained from the commencement of the work is liable to be summarily rejected. The claim book is the property of the PR & DW. and shall be surrendered by the contractor to the Engineer-in-charge after completion of the work or before recession of the contract by the Department whichever is earlier for record.
- 108.** Number of tests as specified in I.R.C. / MoRT&H / I.S.I specification required for the construction of roads / bridges / buildings or any other structural works will be conducted in any Govt. Test House /Departmental laboratories/reputed material testing laboratory as to be decided by the Engineer-in-charge. Testing charges including expenditure for collection / transportation of samples /specimens etc. will be borne by the contractor. The collection of samples and testing are to be conducted for both prior to execution and during execution as may be directed by the Engineer-in-charge and on both the accounts the cost shall be borne by the contractor.
- 109.** 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.
- 110.** 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 disincentives against the tenderer.
- 111.** The following documents which are not submitted with the Bid, will be deemed to be part of the Bid:

Sl. No	Particulars
1	Notice Inviting tender
2	Instruction to the Bidders
3	Conditions of Contract.
4	Contract data
5	Specifications
6	Drawings

**112. 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 Chief 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 despatch 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 to 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 Chief 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 Chief 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 authorized agent daily. In case of contractor contests the correctness of the entries and / or fails to sign the logbook, 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 on the ..... Two Thousand between (herein-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. Whereas the hirer desirous of hiring the tools and plants of the P.W. Department 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 whereas 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 PR & DW Department workshop / store at **Gurundia**.

- 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 PR& DW Department. & Workshop / store at **Gurundia** 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 Chief 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.

2.

*Signed sealed and delivered in the presence of*

## ELIGIBILITY CRITERIA:

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

- a. Required **E.M.D (Bid Security)** as per the **Clause No.20 of DTCN**
- b. **Cost of bid document** towards Cost of tender paper as per **Clause No.4 of DTCN**.
- c. **Photo copy of valid Contractor Registration Certificate, GST Registration Certificate, GSTIN, PAN card** along with the tender documents and the L-I bidder has to furnish the Original Registration certificate, GSTIN and Pan card for verification within **05 (Five) days** of opening of the tender before **Block Development Officer, Gurundia , Sundargarh** as per **Clause No-1, 5(i) and 21 of DTCN**. The contractor belonging to outside state of Odisha and not started business should submit an undertaking in the form of an Affidavit indicating therein that they are not registered under Odisha GST as they have not started any business in the state and they have no liability under the Act. But before award of final contract, such bidders will have to produce the GST Registration certificate.
- d. **License criteria** as per **Clause No.8 of DTCN** and **Schedule-J** need to be furnished.
- e. **Evidence of ownerships of machineries/ equipments** as per **Clause No.7 of DTCN** and need to be furnished by the bidder in **Schedule-C**.
- f. **Joint Ventures are not accepted.**
- g. **The bidder should have satisfactorily executed similar works in Govt., or Govt. undertaking organization during Current / last five years. Experience detailing completed similar nature of works during Current / last five years, with Certificates from the concerned Officer not below the rank of Executive Engineer or Equivalent need to be furnished by the bidder as per Schedule D. (Similar nature of works means construction of building (Civil).**
- h. **BID CAPACITY FOR AMOUNT EQUAL & ABOVE 300 LAKH** (Vide Works Department Office Memorandum No.6300 dtd.16.6.2011)

Applicants 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. 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 during the last five years (updated to the current price level) rate of inflation may be taken as 10% per year (escalation factor) which will taken into account the completed as well as works in progress.

**B** = Value of **current price level** of the existing commitments and ongoing works to be completed during the next years (period of completion of works for which Bids are invited).

**N** = Number of years prescribed for completion of the work for which the Bids are invited.

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

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

**Escalation Factor** : Following enhancement factors will be used for the cost of works executed and the financial figures to a common base value for works completed in India.

<u>Year before</u>	<u>multiplying factor</u>
One	1.10
Two	1.21
Three	1.33
Four	1.46
Five	1.61

(Applicant should indicate actual figures of costs and amounts for the works executed by them without accounting for the above mentioned factors)

In case the financial figures and value of completed works are in foreign currency the above enhanced multiplying factors will be applied. Instead, current market exchange rate (State Bank of India BC 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.

The information on Bid Capacity as on the date of this bid is to be furnished as per the format in **Schedule-B**.

Total value of Civil Engineering construction work performed in the **last five years** are to be furnished for which **certificate from Chartered Accountant is to be furnished.**

**2015-2016 ----- 2017-2018----- 2019-2020 -----**  
**2016-2017----- 2018-2019 -----**

**i. Non submission of required information in schedule B, D, E and F shall be treated as non-responsive and the bid shall be summarily rejected.**

**113. Time Control :-** (Vide Works Department Office Memorandum No.24716 dtd.24.12.2005 and No.8310 dtd.17.05.2006)

- a) Progress of work and Re-scheduling programme.
- i) The Executive Engineer / Engineer-in-Charge shall issue the letter of acceptance to the successful contractor. The issue of the letter of acceptance shall be treated as closure of the Bid process and commencement of the contract.
  - ii) Within 15 days of issue of the letter of acceptance, the contractor shall submit to the Engineer-in- Charge for approval a Programme showing the general methods, arrangements, and timing for all the activities in the Works along with monthly cash flow forecast.
  - iii) To ensure good progress during the execution of the work the contractors shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4th of the whole time allowed under the contract has elapsed, 1/2 of the whole of the work before 1/2 of the whole time allowed under the contract has elapsed, 3/4th of the whole of the work before 3/4th of the whole time allowed under the contract has elapsed.
  - iv) If at any time it should appear to the Engineer-in-Charge that the actual process of the work does not conform to the programme to which consent has been given the Contractor shall produce, at the request of the Engineer-in-Charge, a revised programme showing the modifications to such programme necessary to ensure completion of the works within the time for completion. If the contractor does not submit an updated Programme within this period, the Engineer-in-Charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.
  - v) An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work including any changes to the sequence of the activities.
  - vi) The Engineer-in-Charge's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer-in-Charge again at any time. A revised Programme is to
  - vii) show the effect of Variations and Compensation Events.

**b) Extension of the Completion Date.**

- i) The time allowed for execution of the works as specified in the Contract data shall be the essence of the Contract. The execution of the works shall commence from the 15th day or such time period as mentioned in letter of Award after the date on which the Engineer-in-Charge issues written orders to commence the work or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee / Security deposit absolutely.
- ii) The Contractor shall submit the Time & Progress Chart for each milestone Quarter wise indicating each month and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in- Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per milestone given in contract data.
- iii) In case of delay occurred due to any of the reasons mentioned below, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.
  - (1) Force majeure, or
  - (2) Abnormally bad weather, or
  - (3) Serious loss or damage by fire, or

- (4) Civil commotion, local commotion of workmen, strike or lockout affecting any of the trades employed on the work, or.
- (5) Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract.
- (6) In case a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work and which would cause the Contractor to incur additional cost, or
- (7) Any other cause, which, in the absolute discretion of the authority mentioned, in Contract data is beyond the Contractors control.

iv) Request for reschedule and extension of time, to be eligible for consideration, shall be made by the Contractor in writing **within fourteen (14) days** of the happening of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

v) In any such case a fair and reasonable extension of time for completion of work may be given. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

**c) Compensation for Delay.**

If the contractor fails to maintain the required progress in terms of clause-2 of P-1 Contract or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the **Superintending Engineer (whose decision in writing shall be final and binding)** may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause-2 of P-1 Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified. Compensation @ 1.5% per month of for delay of work, delay to be completed on per Day basis. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause-2.5, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However no interest whatsoever shall be payable on such withheld amount.

**d) Bonus for early completion**

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

Before 30 % of contract period = 5 % of Contract Value

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

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

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

Before 5% of contract period = 1 % of Contract Value

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

**e) Management Meetings**

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

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

- 114.** Building and other Construction Workers Welfare Cess @ 1% of the estimated cost as per tender notification read with latest corrigendum if any will be proportionately deducted from the contractor's bill at the time of making payment of each bill.
- 115.** The tenderers are required to go through each clause of P.W.D. Form **P-1** carefully in addition to the clauses mentioned here in before tendering.
- 116.** A Contractor may be black listed as per amendment made to Appendix XXXIV to OPWD Code Vol.-II on rules for black listing of Contractors vide letter no.3365 dt.01.03.2007 of Works Department, Odisha.
- As per said amendment a Contractor may be blacklisted
- a) Misbehavior/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.
- 117.** The safety certificate of the E.I. work will be furnished by the agencies after getting necessary verification from the electrical inspector / equally competent authority responsible for the work prior to Energisation of the building.
- 118.** Percentage rate contract (vide Works Department letter no.8310 dt.17.05.2006) In case of percentage rate tender:-
- i) The Contractor has to mention percentage excess or less over the estimated cost (In figures as well as words) in the prescribed format appended to the tender document.
  - ii) Contractors participated in the tender for more than one work may offer conditional rebate. Rebate offer submitted in separate sealed envelope shall be opened, declared and recorded first. The rebate so offered shall be considered after opening of all packages called in the same Tender Notice. The Contractors who wish to tender for two or more works shall submit separate tender for each. Each tender shall have the Bid Identification No., Name & Sl. No. of the work (as per IFB) to which they refer, written on the envelope.
  - iii) Only percentage quoted shall be considered. Percentage quoted by the Contractor should be accurately filled-in figures and words, so that there is no discrepancy.
    - (1) If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the Contractor in words shall be taken as correct
    - (2) If any discrepancy is found in the percentage quoted in percentage excess/ less and the total amount quoted by the Contractor, then percentage will be taken as correct.
    - (3) The percentage quoted in the tender without mentioning excess or less and not supported with the corresponding amount will be treated as excess.
    - (4) The percentage quoted in the tender without mentioning excess / less supported with corresponding amount does not tally with either to percentage excess or less then it will be treated as percentage excess.
    - (5) The percentage quoted in the tender without mentioning excess / less supported with corresponding amount if tallied with the percentage then it will be treated as to which side the amount tallies.
    - (6) The Contractor will write percentage excess/ less up to **two decimal points** only.
    - (7) The tender shall be written legibly and free from erasures, over writings or corrections of figures. Corrections, over writings & interpolations where unavoidable should be made by making out, initialing, dating and rewriting.

- iv) In the contract P1 time is the essence. The contractor is required to maintain a certain rate of progress specify in the contract.
- v) The 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.

**(Total 118 Clauses)**

## TECHNICAL SPECIFICATION OF CIVIL PORTION OF WORK

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

1.	Cement	Will be as per I.S. 269/255 (However the grade of cement to be selected by the Engineer-in-Charge of work and compressive cube test before commencement of work in each batch).
2.	Steel	I.S. 432 (Plain) and 1786 (Tor)
3.	Vibrator	I.S. 7246
4.	Aggregate	I.S. 383, I.S. 515
5.	Water for mixing and curing	Shall be clean, free from injurious amount of oil, salt, acid, vegetable materials and other substances and harmful to concrete in conformity to I.S. 456 and I.S. 2025.
6.	Sand/ Fine Aggregate	I.S. 2116, 383
7.	Binding wire	I.S. 280 (galvanized minimum 1 mm)
8.	Rain water pipe	I.S. 2527
9.	Construction joints	I.S. 3414
10.	Steel Window Frame	I.S. 1038/83
11.	Steel Door Frame	I.S. 4351/75
12.	Fitting & Fixtures for joinery works	Conforming to I.S. 7452/82 strictly conform to I.S. specification and as per direction of Engineer-in-Charge.

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

### ITEM OF WORK

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

**Annexure: I**

**(List of Plants & Equipments to be deployed on contract work)**

<b>Sl. No</b>	<b>Type of Equipments</b>	<b>No. of machines required</b>	<b>Marks</b>
01.	Concrete mixer	1 Nos.	30
02.	Concrete Vibrator : Plate type	1Nos.	10
03.	Concrete Vibrator : Needle type	1 Nos.	10
04.	Water Tanker	1 Nos.	10
05.	Water pump	1 No.	10
06	Truck/ Tipper	1 No.	10
07	Centering & Shuttering (Steel or Iron)	200 Sft.	20
	<b>Minimum Qualifying marks - 80</b>	<b>Total</b>	<b>100 Marks</b>

**Tenderer(s) is/are required to submit the information in the following Schedules**

**SCHEDULE - A**

**CERTIFICATE OF NO RELATIONSHIP**

I/We hereby certify that I/We\* am/are\* **related / not related**(\*) to any officer of P.W.D 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.

(\*) - Strike out which is not applicable.

Signature of the Tenderer  
Date:-

**SCHEDULE - B**

**EXISTING COMMITMENTS AND ON-GOING WORKS :**

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

\* The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer or equivalent. In case of there is no existing commitment and ongoing works, the bidder shall declare as nil in schedule B.

**This information is only required if the Bid value is Equal & Above 300 Lakh**

Signature of the Tenderer

Date.....

**SCHEDULE - C****CERTIFICATE OF TOOLS AND PLANTS**

I/We hereby certify that the following tools and plants, machineries and vehicles are in my /our possession and in working order.

Sl. No	Type of Equipments	No. of machines required	No. of machines owned / leased/hired
01.	Concrete mixer	1 Nos.	
02.	Concrete Vibrator : Plate type	1 Nos.	
03.	Concrete Vibrator : Needle type	1 Nos.	
04.	Water Tanker	1 Nos.	
05.	Water pump	1 No.	
06.	Truck/ Tipper	1 No.	
07.	Centering & Shuttering (Steel or Iron)	1000 Sft	

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

Signature of the Tenderer

Date.

**SCHEDULE - D****WORK EXPERIENCE****LIST OF SIMILAR NATURE OF PROJECTS EXECUTED**

Name of Employer	Name of location and name of work	Contract price in Indian Rupees/ Agreement no.	Major Items of works	Stipulated date of commencement / completion of the work as per Agreement	Actual date of completion of the work	Value of work actually executed during last 5 financial years		Reasons for delay in starting/ completion, if any
						Financial year	Value	
1	2	3	4	5	6	7	8	9

**Note: The above information is to be certified by the Engineer in Charge / Employer not below the rank of Executive Engineer.**

Signature of the Tenderer

Date.

**SCHEDULE - E**

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF  
TENDERER 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. Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years. Yes / No
3. a) Has the 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 Tenderer**

**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 my \_\_\_\_\_ / our firm / company / individuals nor any of its constituent partners have abandoned any road/ bridge/Irrigation /Buildings or other project work in India nor any contract awarded to us for such works have been rescinded during the last five years prior to the date of this bid.
3. The undersigned hereby authorize(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information as deemed necessary and as requested by the Department to verify this statement or regarding my (our) competency and general reputation.
4. The undersigned understands and agrees that further qualifying information may be requested and agree to furnish any such information at the request of the Department.

(Signature of Tenderer)  
Title of Officer  
Name of Firm  
Date:

**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.

<b>Sl. No.</b>	<b>Name of Engineering personnel appointed for supervising contractor's work with address</b>	<b>Qualification</b>	<b>Date of Appointment</b>	<b>Monthly emolument</b>	<b>Whether full time engagement and continuous</b>	<b>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</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>

Signature of the Tenderer.

Date:-

SAMPLE FORMATS

**UNDERTAKING**

**This is to certify that**

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

Signature of the Tenderer.

Date:-

- Note :**
- i. Strike out whichever is not applicable
  - ii. In case any person is under his employment with due permission from Government, the same may be cited in a separate letter.

**RELATIONSHIP DECLARATION**

To,

**The Tender Inviting Officer,**

**Subject: ( Name of the Work)**

**Reference : (Bid reference number)**

Sir,

Pursuant to clause 2 of the ITB, it is to inform that I have relative(s) employed as an Officer in the rank of an Assistant Engineer/Under Secretary under the \_\_\_\_\_ Department. His (Their) details are as follows.

Relationship:

Name:

Designation

Office

Address

Pursuant to clause 2 of the ITB, I am to submit herewith the names of persons who are working under my firm having near relatives to any gazetted officer in the rank of an Assistant Engineer/Under Secretary in the \_\_\_\_\_ Department.

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

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

Yours Sincerely

Signature of the Tenderer.

Date:-

**MEMORANDUM OF UNDERSTANDING**

First Party I Sri/Smt....., Aged .... years, S/O- ....., At / P.O. / Dist-.....  
(hereinafter called the First Part)

**AND**

Second Party I Sri/Smt....., Aged .... years, S/O- ....., At / P.O. / Dist-.....  
(hereinafter called the Second Part) having H.T. / L.T. license registration No..... valid upto .....

AND WHEREAS the First Party of 1<sup>st</sup> part is the managing partner of .....

AND WHEREAS the First Party willing to appoint the Second Party to execute the E.I. portion for the tender work,  
“.....”

AND WHEREAS the Second Party accepted the offer of First Party.

**NOW THIS DEED OF AGREEMENT WITNESSES AS FOLLOWS;**

- 1) That, the Second Party shall do all E.I. works, if the tender is awarded to First Party.
- 2) That, the Second Party shall fulfill all the E.I. works as per the tender schedule by instruction of Engineer-in-Charge.
- 3) That, the First Party shall receive payment, signing the bill the document for the concerned work.
- 4) That, the Second Party shall abide the rules, regulations and specification of E.I. works of above said matter.

In witness where of Both the party have signed in presence of

**WITNESS**

W<sub>1</sub> -

W<sub>2</sub> -

## BY THE BIDDER

**Name of the work: "Construction of boundary all at Tamda P.H.C., Tamda G.P. of Gurundia Block in Sundargarh District**

Sl. No	Particulars	Reference to DTCN Clause No.	Whether furnished		Reference to Page no.
			Yes	No	
01.	Cost of tender paper : <b>Rs.6000.00</b>	<b>No.4</b>			
02.	E.M.D for @1% : <b>Rs.22360.00</b>	<b>No. 20</b>			
	<b>Or</b>				
	E.M.D @1% : <b>Rs . 22360.00</b> in case of deploying machineries outside the State	<b>No. 20</b>			
03	Additional Performance Security in case the bid price/rate is less than the estimated cost put to tender	<b>No.62.2</b>			
04.	Copy of valid Contractor Registration Certificate	<b>No.5 (i) &amp; 21</b>			
05.	Copy of valid GSTIN	<b>No.5 (i) &amp; 21</b>			
06.	Copy of PAN Card	<b>No.5 (i) &amp; 21</b>			
07.	No Relationship Certificate in <b>Schedule - A</b>	<b>No.35</b>			
08 (A)	Information regarding current litigation, debarring / expelling of the tender or abandonment of the work by the tenderer ( <b>Schedule-E</b> )	<b>No.49</b>			
(B)	Affidavit ( <b>Schedule-F</b> )	<b>No.49</b>			
9	a) M.O.U. (Memorandum of Understanding duly notarized) with eligible registered electrical contractor having valid H.T. / L.T. license	<b>No. 8 &amp; Schedule - J</b>			
10	Assessed Available Bid Capacity amount above 300.00 Lakh	<b>No. 112 (h)</b>			
11	Qualification of Key personnel engaged. ( <b>Schedule (G)</b> )	<b>(Schedule (G))</b>			
12)	List of projects executed that are similar in nature to the work ( <b>Schedule-D</b> )	<b>No.112(g)</b>			
13.	Tools & Plants and machineries as per the requirement in Schedule-C (Minimum <b>80%</b> marks to be obtained). (Proof of ownership of Tools & Plants and machineries is to be furnished in shape of copy of invoices / required sale deed in case of 2 <sup>nd</sup> purchase / required lease deed with owner ship documents of the leaser duly attested. In case of centering & shuttering materials certificate of the Executive Engineer Or equivalent and higher rank officer of Govt. / Govt. under taking / PSU within <b>90 days</b> of last date of receipt of tender is allowed.	<b>No.7 &amp; 112(e) &amp; Schedule-C</b>			
	<b>List of plants and equipments</b>		<b>Requirement</b>		
1	Concrete mixer	<b>1 Nos.</b>			
2	Concrete Vibrator : Plate type	<b>1 Nos.</b>			
3	Concrete Vibrator : Needle type	<b>1 Nos.</b>			
4	Water Tanker	<b>1 Nos.</b>			
5	Water pump	<b>1 No.</b>			
6	Truck/ Tipper	<b>1 No.</b>			
7	Centering & Shuttering (Steel or Iron)	<b>1000 Sft.</b>			
14.	e-mail ID &				
	Contact no.				

## CONTRACT DATA

### A. GENERAL INFORMATIONS

SI No.	Item	Details
1	<b>Bid Identification No.</b>	<b>BDO,PS. GURUNDIA-02/2020-2021</b>
2.	<b>Name of the Work</b>	<b>“Construction of boundary all at Tamda P.H.C., Tamda G.P. of Gurundia Block in Sundargarh District ”</b>
3.	<b>Officer Inviting Tender</b>	<b>Block Development Officer, Gurundia, Sundargarh</b>
4	<b>Project Director</b>	<b>District Rural Development Agency, Sundargarh</b>
6	<b><u>Estimated Cost (Civil+EI+PH)</u></b> (Excluding GST)	<b>Rs. 22,35,222/-</b>

### B. BID INFORMATION

7	Intended completion period/Time period assigned for Completion	<b>04 (Four) Calendar Months</b>
8	Last Date & time of submission of Bid	Date: <b>18.03.2021</b>
		Time 17.00 hours
9	Cost of Bid Document	
	i Amount as per Clause-4	<b>Rs.6,000/-</b>
10	Bid Security	
	i Amount as per Clause-5	<b>Rs. Rs22360.00.</b> <b>Rs . Rs. 22360.00</b> (1% In case of deploying machineries outside the State)
	ii In favour of	<b>Block Development Officer, Gurundia, Sundargarh</b>
	iii Type of instrument	<b>As specified in the bid document.</b>
11	Additional Performance Security	
	i Amount	<b>As specified in the bid document.</b>
	ii In favour of	<b>Block Development Officer, Gurundia, Sundargarh</b>
	iii Type of instrument	<b>As specified in the bid document.</b>
11	The Financial years of last five years	<b>2015-16 to 2019-20</b>
12	Bid validity period	<b>90 days</b>
13	Currency of Contract	Indian Rupee
14	Language of Contract	English

**BILL OF QUANTITY FOR THE WORK : "CONSTRUCTION OF BOUNDARY WALL AT TAMDA  
P.H.C,GP- TAMDA , BLOCK- GURUNDIA, DIST-SUNDARGARH"**

GP:-TAMDA		ESTIMATED COST: 22,35,222.00 /-			
SL. NO	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6
1	Earth work excavation of foundation in ordinary soil with 50m initial lead and 1.5m initial lift including rough dressing and levelling of foundation beds etc. complete as per direction of Engineer-in -Charge.	242.16	CUM	181.80	44024/-
2	Supplying &Filling in foundation and plinth with sand including watering and ramming with cost conveyance, royalty of sand and labour charges etc. complete as per direction of Engineer-in - Charge.	46.282	CUM	585.40	27093/
3	P.C.C(1:3:6) using 40mm size C.B.H.G.metal with cost, Conveyance , royalty,taxes excluding labourcess of all material and labour,T& P etc.Complete as per direction of Engineer-in - Charge.	66.883	CUM	4405.20	294,633/-
4	Brick masnory with Fly Ash Bricks of size 23cmx11cmx8cm having crushing strength not less than 75Kg/cm2 with dimensional tolerance +/-8 percent in C.M.(1:6) in Foundation and Plinth including cost, conveyance, royalty, taxes excluding labourcess, all labour charges T& P etc. complete as per direction of Engineer-in -Charge.	100.269	CUM	4333.90	434,555.82/-
5	Brick masnory with Fly Ash Bricks of size 23cmx11cmx8cm having crushing strength not less than 75Kg/cm2 with dimensional tolerance +/-8 percent in C.M.(1:6) in Superstructure including cost, conveyance, royalty, taxes excluding labourcess, all labour charges T& P etc. complete as per direction of Engineer-in -Charge.	78.618	CUM	4367.20	343,339.91/
6	Brick work in 1 <sup>st</sup> floor	1.259	CUM	4623.30	5821/-
7	Cement Concrete (1:2:4) with 12 mm size CBHG Chips	29.25	CUM	5679.60	166,25.46/
8	12mm thick C.P. in C.M.(1:6) over brick masonry to the smooth surface including watering, curing, cost, carriage, royalty and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in -Charge.	910.71	SQM	135.30	123,219.06/

9	6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slurry treatment , watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of Engineer-in -Charge.	43.32	SQM	149.50	6,476.34/-
10	Priming one coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.	954.03	SQM	57.30	54,665.92/-
11	Weather proof paint for boundary wall of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete .	968.29	SQM	70.10	67,876.85/-
12	Finishing surface of walls with Cement based wall putty & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.	34.44	SQM	70.80	2438.00/-
13	R.C.C work of M20 grade using 20mm and down graded black CBHG stone chips of approved quality from approved quarry mixed by concrete mixture, laying in layers compacting by vibrator and all leads and lifts including cost, conveyance, royalty, taxes excluding labour cess, all labour charges T&P etc complete as per direction of Engineer-in -Charge.	65.592	CUM	4,603.60	301,961.00/-
14	Supplying, fitting & fixing in position iron Rolling Shutter including cost of materials all taxes labour T&P,etc.complete .				
		150.334	SQM	100.01	15,035.00/-
	14 (B) : Super Structure i) Column and Roof beam	52.216	SQM	713.60	37,261.00/-
	ii) Roof Slab and Chajja	10.98	SQM	418.81	4599.00/
15	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.	44.55	Qtl	5693.00	253,610.00/
16	MS Gate	806.44	Kg	56.60	45,645.00/
17	Enamel paint for Gate / Door	14.01	SQM	131.60	1,843.39
18	Display board	1			5000.00/-
Grand Total Rs					2235222.00/-

(GST will be provided as applicable)

( Rupees Twenty Two Lakh Thirty Five  
Thousand Two Hundred Twenty Two )Only

The rate/amount quoted by me is -----% excess/less is over and above the amount put to tender.

Total corrections .

Total over writings

Signature of the Contractor

