



**GOVERNMENT OF ORISSA**  
**OFFICE OF THE PROJECT ADMINISTRATOR**  
**INTEGRATED TRIBAL DEVELOPMENT AGENCY, KEONJHAR**

## Detailed Tender Call Notice

1. Sealed tenders are invited from the registered P. W. D. / Minor, Irrigation / Irrigation \_\_\_\_\_ class contractor in prescribed form to be eventually drawn in P.W.D. Form F-2 and will be received by the P.A. I.T.D.A., Keonjhar upto \_\_\_\_\_ A.M./P.M. on \_\_\_\_\_  
\_\_\_\_\_ at an estimated cost of Rs. \_\_\_\_\_
2. The prescribed form alongwith other documents is obtained from the office of the P.A., I.T.D.A., Keonjhar on payment of Rs. \_\_\_\_\_ only per each set. This amount is not refundable. Tender must be submitted in sealed covers, the name of the tenderer and the name of the work noted on the cover.  
No tender documents will be sold to the intending tenderer on the date of opening of tender.
3. No tenderer will be permitted to furnish their tender in their own manuscript paper.
4. The work is to be completed in all respects within \_\_\_\_\_ calendar months from the date of issue of work order. Tenderer whose tender is accepted must submit a programme of work immediately after issue of work order for approval of Engineer-Incharge.
5. All the tender received will remain valid for a period of ninety days from the date of receipt of tenders. Validity of tenders can also be extended if argeed to by the tenderer in writing to the competent authority and on acceptance by the department.
6. The rates should be written both in words and figures and in decimal coinage and the units in words. In case of discrepancy in rates between words and figures the amount in word will prevail. The tender should also show the total of each item and the grand tota of the whole tender. The tender shall be written legibly and free from erasures, over writings, or conversions of figures. Corrections where unavoidable should be made by crossing out intialing dating and rewriting.
7. The tenderer shall carefully study the drawing and specifications applicabe to contractor and all the documents which form part of the agreement to be entered into by the accepted tenderers and detailed specifications for Orissa and other relevant specifications and drawings, which are not available for sale. Complaint at a future date that plans and specifications have not been seen can not be entertained.
8. Every tenderer is expected before quoting his rates to inspect the site of the proposed work. He should also inspect the quarries and satisfy himself about the quality and availability of materials. In every case the materials must comply with the relevant specification. Complaints at future dates that the availability of materials at quarries have been misjudged cannot be entertained.
9. Before submitting the tenders the tenderers are required to produce samples of the materials such as stones, metal chips, sand, moorum, bricks etc. intended to be used in the works for examination and approval by the Engineer-in-charge. The materials duly approved be deposited in sealed bags quoting the name of the quarry etc. signed and dated by the tenderer.

10. It must be definitely understood that the Government does not accept any responsibility for the correctness and completeness of the trial boring trial pits etc. shown in the cross section. The tenderers are required to examine them at site and satisfy themselves as to the sub-soil conditions before quoting.

11. Each tenderer except those having fixed deposits with the Chief Engineer must pay an earnest money of 1% of the estimated cost i. e. Rs. \_\_\_\_\_ alongwith tender in the form of National Savings Certificate, Postal Time Deposit Account Pass Book pledged to the P.A., I.T.D.A., Keonjhar and in no other form.

12. The tender may not at the discretion of the competent authority be considered unless accompanied by attested true copy of the income tax clearance, sales tax clearance/Non assessment certificate as the case may be and the original certificates are produced before the P.A., I.T.D.A., Keonjhar at the time of opening the tender.

13. 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 unworkably low and for other too high. Such tenders are liable to be rejected.

14. 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 call notice. Any change in the wording will not be accepted.

15. Letters etc found in the tender box raising or lowering the rates or dealing with any point in connection with the tender will not be considered.

16. A schedule of quantity accompanies the tender notice, 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 alterations or omissions, deductions or additions as set forth in the condition of contract.

Such omissions, deductions additions or alterations shall in now no way invalidate the contract and no extra monetary compensation will be entertained, in the event of doubt as to the correctness of the scheduled the tenderer is to invite attention of the Engineer-in-charge, before submitting tender. The decisions of the Engineer-in-charge is final.

17. The tender will be opened by the P.A., I.T.D.A., Keonjhar in his office room at \_\_\_\_\_ on \_\_\_\_\_ in the presence of the tenderer or their authorised representatives.

18. The department reserves the right of authority to reject any or all tenders received without assignment any reasons whatsoever.

19. The earnest money will be retained in the case of successful tenderer and will be dealt with as provided in the contract form. The earnest money will be refundable to the unsuccessful tenderers on application after intimation is sent for rejection of their tenders.

20. The tenderer whose tender is selected for acceptance and who has no fixed deposit with the Government of Orissa shall within a period of seven days upon written intimation being given to him of acceptance of his tender, make an initial security deposit in the form of State Government Loans Bonds of the Orissa State or National Savings Certificate and in no other form which including the amount already deposited as earnest money shall be 2% of the value of tendered amount and sign the agreement in the P.W.D. form No. F-2 (Schedule XIV-61) for the fulfilment of the contract in the office of the P.A., I.T.D.A., Keonjhar or as directed. This security deposit together with the earnest money and the amount withheld according to the provisions of F-2 agreement shall be retained as security for the due fulfilment of this contract. Failure to enter in to the required agreement and to make the security deposit as above shall entail for forfeiture of the earnest money. No tender shall be finally accepted until the required amount of security money is deposited.

The written agreement to be entered in to between the contractors and Government shall be the foundation of the rights of the contractors and the Government, the contract shall be deemed to be incomplete until the agreement has first been signed by the contractor and then by the proper officer authorised to enter into the contract the behalf of the Government. The earnest money will be refunded six months after completion of the work and payment of the final bill. In case of tenderers who have fixed deposit necessary action will be taken to degrade them if they decline to sign the agreement within the period as in the above case. The earnest money of the unsuccessful tenderers will be refunded on application after the tender finally accepted or ninety days whichever is earlier.

21. That for the purpose of jurisdiction in the event of dispute if any, the contract would be deemed to have been entered in to within the state of Orissa and it is agreed that neither party to the contract nor the agreement will be competent to bring suit, in regard to matter covered in this contract at any place outside the state of Orissa

22. The contractor should be liable to full indemnify the department for payment of compensation under the workman compensation Act. VIII of 1923 on account of the workman employment by the contractor and full amount of compensation paid will be recovered from the contractor.

23. Tenderers are required to abide by the fare wages clause as introduced by the Govt. of Orissa Works Department letter No. GA. VIII R-18-52-25 dt. 26.2.51 and No. II. M. 56/61 28842 (5) dt. 27-9-61.

24. The tenderer shall bear the cost of various incidental, sundries and contingencies necessiated by the work falling within the following or similar category.

a) Rent royalties and other charges of materials Octri duty all other taxes including sales tax lorry tolls conveyance charges and other cost on account of land building including temporary buildings required by the tender for collection of material, storage housing of staff of other purpose of the work No rent will how ever be payable to Government for temporary occupation of land owned by Government at the site of work.

b) Labour camps or huts necessary to a suitable scale including conservency and sanitary arrangement therein to the satisfaction of the local health authority.

c) Suitable water supply including pipe water supply where available for the staff and labour as well as for the work.

d) Fees and dues levied by Municipal canal of water supply authorities.

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

f) Suitable fencing barriers, signals including parafin and electric signals where necessary at works and approaches in order to protect the protect the public and employees from accident.

g) Compensation including cost of any suit for injury to persons or property due to neglect of any major or cautions, also some of which may become payable due to operation of the workers compensation Act.

h) The contractor has to arrange adequate light arrangement for night works whenever necessary at his own cost.

25. No. payment will be made bench marks level pillars profiles and benching and levelling the ground if required. The rates to be quoted should be for finished items of works inclusive of carriage of all materials and all incidental items of works.

26. After the works finished all surplus materials should be removed from the site of work preliminary works such as vats mixing platforms etc. should be dismantled and all materials removed from the site and premises left neat and clear and this should be inclusive in the rate.

27. It should be understood clearly that no claims whatsoever will be entertained in regards extra items of works extra quantity of any items besides estimated amount. A written order must be obtained from the responsible officer of P. A., I. T. D. A., and rates settled the extra items of works or extra quantity of any item of work is taken up.

28. The tender 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. 44 to 55 dt. 25-11-77 which can be seen in the office of the undersigned of working.

29. No part of the contract shall be sublet without written permission of the P. A., I. T. D. A. Keonjhar or transfer be made by the power attorney authorising others to receive payment on the contractor's behalf.

30. If further necessary information is required the P. A., I. T. D. A., Keonjhar will furnish such but it must be clearly understood that tenders must be received in order and according to instruction.

31. The contractor shall have to furnish a certificate alongwith the tender to the effect that he is not related to any officer of I. T. D. A., Keonjhar of the rank of Asst. Engineer and above any officer of the H. & W. Deptt.

32. Each tender must submit alongwith the tender a note regarding his previous experience on construction of work. The following details must be given in a proforma.

- a) Particulars of works already executed.
- b) Approximate amount of each work,
- c) Name of the Department under which the work executed.
- d) Period of commencement and period of completion.
- e) Whether works were completed period
- f) Other details, if any.

33. Tenderers are required to go through each clause of P. W. D. Form F-2 carefully addition to the clause mentioned herein before tendering.

34. All reinforced cement concrete works should conform to the Orissa Detailed Standard Specifications of I. R. C. and I. S. I. Code.

35. Shuttering and centering shall be with the seasoned Sal wood planks the inside of which shall be lined with suitable sheeting and made leak proof and watertight or alternative steel shuttering and centering may be used.

36. The department will have the right to inspect the scaffolding centering and shuttering made for the work and reject partly or fully such structure if found defective in the opinion.

37. Concrete should be machine mixed unless otherwise ordered in writing by the P. A., I. T. D. A., Keonjhar. The contractor should arrange his own concrete mixers vibrators pumps etc. for this purpose at his own cost.

38. Cement shall issued by bags and weight or one bag of cement being taken as 50 kg.

39. The following materials will be supplied by the Department to the contractor at the I. T. D. A. Godown at \_\_\_\_\_ at the rates inclusive of storage noted against each. After issue it will be contractor's responsibility for safe custody and upkeep of materials. He has also to bear all incidental charges as transport storage handling and the cost of empty cement bags will be deducted from the Bill. His rates quoted for the work is to be inclusive of all charges.

a) Cement @ Rs \_\_\_\_\_ ( Rupees \_\_\_\_\_ ) per bag  
excluding cost of container

(b) M. S. Roads @ Rs.  
per quintal

( Rupees..... )

(c) Tar Steel Rs.  
per quintal

( Rupees..... )

(d) Empty cement bag @ Rs.

( Rupees..... ) per bag.

40. In the event of any delay in the supply of departmental materials for unavoidable reasons, reasonable extension of time will be granted on the application of the contractor but no claim for compensation will be entertained under any circumstances

41. The contractor will be responsible for the loss or damage of any departmental materials during transit and in the execution of the work due to reasons whatsoever and the cost of such materials will be recovered from the bills at stock issue rates or market rates whichever are higher.

42. If the contractor removes any Government materials supplied to him from the site of work, with a view to displace off 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 the price of the materials according to the rates stipulated in clause 39. Penalty so imposed shall be recovered at any time from any sum that may be then or at any time therein after become due to the contractor or from his security deposit from the proceeds of sale thereof.

43. The selected tender may take delivery of departmental supply according to his need for the work issued by the Sub-divisional Officers. The tenderer shall mark all arrangements for proper storage of materials but cost for store shed for store of materials and pay of watchman etc. will not be borne by the Department. Department is not responsible for considering the theft of materials at site it is contractor's risk. Under any such plan, if the tenderer stops the work he shall have to pay the full penalty as per clauses of the F-2 contract. These are all to be borne by the contractor.

44. 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 will be at the stock issue rate inclusive of storage charges or rates fixed by the Department or current schedule of rates whichever is higher.

45. All materials which are to be supplied from I.T.D.A. stores 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. No cut pieces of M. S. rods and M. S. angles and Tees joist etc. less than 3 feet in length will be accepted back as surplus and all these will be contractor's property. After the issue of materials from the I.T.D.A. store the contractor will be responsible for its safety and storage. Cut pieces of more than 3 feet in length will be returned by the contractor at the issuing store without any conveyance charges.

46. The contractor should at his own cost arrange necessary tools and plants required for the efficient execution of works and the rates quoted should be inclusive of the running charges of such plant and cost of consumables.

47. After completion of the work the contractor shall arrange at his own cost all requisite equipments for testing the structures and bear the entire cost of the test.

48. Cost of empty cement bags to be deducted from this bill of the contractor.

49. Measurement of earth work in road embankment will be done by the section measurement after the earth is well consolidated after rolling with hand or power road roller.

Signature of tenderer

sheep foot roller and no extra payment will be made for the jungle clearance for taking earth from the borrow areas. Earth work from cutting will economically be utilised in filling.

50. The stacks of road metal and gravel will be measured in boxes of 1.5M x 1.5M x 0.5M which will be taken as 1.5M x 1.5M x 0.44M = 1 cum. The soling stones or stones for revetment and pitching will be premeasured in suitable stacks with deduction of voids @ 1/6th of volume or more depending upon the looseness of stacking which should be determined on actual observation by the Engineer-in-charge and deducted.

51. No machineries will be supplied on hire to the contractor and the contractor will arrange on his own cost.

52. The tenders should furnish along their tender a list of works which are at present in their hand in details in form of a Statement as indicated below; Tender is liable to be rejected, if incorrect and wrong informations are furnished in the aforesaid statement.

- a) Serial No.
- b) Particulars work now in hand :
- c) Amount of each work :
- d) Period in which the work is stipulated to be completed (in months) :
- e) Approximate value of work done against each work on the date of submission of tenders. :
- (f) Department under which the work is being taken up :

53. Sinking of wells be measured from bottom of well cap to bottom of cutting edge.

54. All methods of sinking including pneumatic sinking by employ of divers and other equipments shall be included in the rate. Removal of any trees, logs of trees or isolated boulders etc. shall also be included within the rate of sinking.

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

56. When rasort has to be made for sinking the wells by air lock and chamber method necessary for the same, the rates thereof shall be decided by the authority accepting the tender.

57. Construction of coffer dams or islands for the work or open excavation or dressing required for laying well curbs shall be included in the rate of well sinking.

58. For concreting the bottom plugs of the well under water the method of pouring concrete should be either with baskets or boxes or bags as will be directed by the Engineer-in-charge. 10% extra cement shall be used for underwater concreting without any extra cost to the Department.

59. No claim will be entertained in respect of difficulties due to sand blowing met with during sinking of wells.
60. No parts of the bearing for the superstructure shall be allowed to rest on the noses of the piers.
61. The use of mild steel rollers and pins be permitted provided these are made either of class III or IV steel in accordance with I. R. C. specification, M. S. roller and pins shall be forged metal alternatively be turned from Railway carriage and wagon axles.
62. Logs and grooves shall be provided in the bearing to prevent them from skewing or getting out of alignment.
63. For proper maintainance of metallic bearing suitable designed boxes having natural grease for lubrication and permitting easy access to the bearing shall be provided to prevent dust or other foreign matter getting into the bearing.
64. Sliding plate bearing shall normally be from any one metal and combination of plates of different metals which are likely to result in action shall not be permitted, For copper plate interposed between steel plates will not be allowed.
65. If necessary inspection by technical experts or D. G. S. and D. of the bearings during manufacturing and X-Ray or Gama-Ray examination of casting of thickness more than 8 inches and load testing of bearing if considered necessary shall have to be carried out at the contractor's cost. The same procedure of testing may have to be allowed for ribbed bearing manufactured by welding.
66. It should be clearly understood that :-
- a) The joints of the bars are to be provided with laps or welded as will be directed by the Engineer-in-charge.
  - b) Concrete test specimen 6" × 6" × 6" in size ( whether plain or reinforced concrete ) for work testing shall be taken for each and every structure number by a representative of the contractor in the presence of responsible officer of the rank not lower than that of an Assistant Engineer or Sub-Divisional Officer and the contractor shall bear the cost involved in testing the test specimen. Sub-tests should be carried out in accordance to the stipulation to the stipulation in Bridge 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 test specimen did not give a correct indication of the actual quality of concrete.
  - d) Concrete & reinforced concrete specimens will be tested in any Government test houses or at Alipore or Central and Research Laboratory at Bhubaneswar. Cost of testing all specimen and samples shall be borne by the Contractor.
  - e) The construction of well steining by injecting cement grout in coarse aggregate placed in position shall not be permitted.
67. a) The minimum reinforcement in R. C. C. well steining should be 0.15% of the cross section area.
- b) The reinforcement in R. C. C. well curb should not be less than 1% (one percent) of cross sectional area to withstand the tension development due to soil pressure.
68. The thickness of cement concrete ( 1 : 8 : 6 ) in top plugging should be as per the departmental drawing.

69. All empty tar drums should be returned to the issuing store in good condition at the cost of the contractor failing which the cost thereof shall be recovered only from contractor per each drum.

70. Concrete of strength below 85% of the required strength ( as determined by actual test ) shall not be accepted.

71. In work sinking maximum tolerance permissible in the tilts 1 : 60 and shifts is 6" ( six inches ) where it is not feasible to work with these tolerances the contractor shall carry out suitable remedial measures as may be directed by Engineer-in-charge to overcome the adverse effects of tilts and shifts without any extra cost to the Department & additional work necessary consequent upon excess tilts and shifts shall be carried out by the contractor at no extra cost to the department.

72. No claim for carriage of water whatsoever will be entertained.

73. H. R. R. will be supplied by the department on the requisition of the contractor of hire per day and the contractor bears the responsibility for its carriage from and to the place of delivery in good condition.

74. The contractor shall if so required by the Engineer-in-charge employ one or more Engineering Graduate or Diploma Holders as apprentice at his own cost if the cost of the work as shown in the tender exceeds Rs. 2,50,000/-. The apprentices will be selected by the Chief Engineer. The period of employment will commence within one month after the date of work order and would last till the date when 90% of the work is completed. The stipend to be paid to the apprentice should be not less than Rs 200/- per month in case of Graduate Engineer and not less than Rs. 150/- per month in case of diploma holders. The No. of apprentices to be employed should be fixed by the Chief Engineer in a manner so that the total expenditure does not exceed not more than 1% of the tender cost of the work.

75. List of tools and blants in working order and in possession of the contractors is to be furnished while submitting the tender.

76. It is responsibility of the contractor to procure and store explosive required for blasting. Department may tender necessary possible help for procuring explosive licence.

77. No compensation for any damage by rains or similar action during the execution of the work will be paid.

78. The work allotted to a contractor may be split up and distributed among several contractors if considered necessary due to emergent circumstances of the work and the contractor is not entitled to any compensation on this account.

79. 2% Gross amount of the bill will be deducted towards Income Tax.

80. No tender will be allowed to furnish his tender with his manuscript form.

81. The work should be executed as per Orissa Detailed Standard Specifications or I. R. C. or I. S. I. specifications whichever is applicable.

82. Dewatering from the foundation for Bridges, culverts, buildings etc and watering for consolidation in road when wherever necessary during execution will have to be done by the contractor and no extra payment will be made on that account.

83. All roads haulage or service roads, quarry approach roads etc. required for collection of materials by the contractor in connection with the work should be prepared and maintained by the contractor for which no extra payment will be made.

84. Any jungle clearance needed for borrowing earth beyond the toe of the of embankment or beyond the excavation limit will be done by the contractors at their own cost.

85. Earth work beyond the given design section will not be paid for.

86. If there will be any delay in land acquisition no compensation claim on that account be entertained but extension of time may be granted if considered reasonable.

87. No extra cost for plastering to beams or decks also or walls or through or other R. C. C. works will be paid for rendering the exposed surface smooth.

88. When any items of works not specifically covered by an accepted tender contract is to be executed should be taken up departmentally through job or piece works or Nominal Muster Roll at the prevailing schedule of rate or at the rates approved by Competent authority unless there is a record in writing that contractor refused such items of work at the prevailing schedule of rates.

89. Under no circumstance interest is chargeable for the dues or additional dues if any payable for the work.

(a) "If during the progress of the work the price of any materials incorporated in the work (not being materials supplied from the Engineer-in-charge's store) in accordance with Clause there of increases or decreases as a result of increase or decrease or in the average wholesale Price Index (all commodities) and the contractor thereupon necessarily and properly pays in respect of that material (incorporated in the work) such increased or decreased price then he shall be entitled to reimbursement or liable to refund, quarterly, as the case may be such an amount, as shall be equivalent to the plus or minus difference of 75% in between the average wholesale price index (all commodities which is operative for the quarter under consideration and that operated for the quarter in which the tender was opened, as per the formula indicated below.

$$\text{Formula to calculate the increase or in the price of materials decrease -}$$

$$V_m = \frac{075 \times P_m \times R}{100} \left( \frac{i - i_0}{i_0} \right)$$

$V_m$  = increase or decrease in the cost of work during the quarter under consideration due to change in the price of materials

$R$  = The value of work done in rupees during the quarter under consideration.

$i_0$  = The average wholesale price index (all commodities) for the quarter in which the tender was opened (as published in .....)

$i$  = The average wholesale price index (all commodities) for the quarter under consideration.

$P_m$  = Percentage of material component as per Sub-Clause of this Clause.

(b) Similarly, if during the progress of work the wage of labour increase or decreases as a result of increase or decrease in the average consumer's price index for industrial workers (Wholesale Price) and the contractor there upon necessarily and properly pays in respect of labour engaged in execution of the work such increased or decreased then he shall be entitled to reimbursement or liable to refund quarterly as the case may be such amount as shall be equivalent to the plus or minus difference in between the average consumer's price index for industrial work as ( Wholesale price ) which is operating for quarter under consideration and that operated for the quarter in which the tender was opened, as per formula indicated below.

$$\text{Formula to calculate the increase or decrease in the cost of labour : -}$$

$$V = \frac{075 \times PI \times R}{100} \left( \frac{I - 10}{10} \right)$$

$V$  = Increase or decrease in the cost of work during the quarter under consideration due to change in the rate of labour.

$R$  = The value of work done in rupees during the quarter under consideration.

$10$  = The average consumer's price index for industrial workers (Wholesale Price) for the quarter in which tender was opened (As Published in .....)

$I$  = The average consumer's price Index for Industrial Workers (Wholesale Price) for the quarter under consideration.

$PI$  = Percentage of labour component as per Sub-Clause of this Clause.

(c) Similarly if during the progress of work the price of petrol, oil, and lubricants (Diesel oil being the representative item for price adjustment) increases or decreases as result price fixed therefor by the Government of India and the contractor thereupon necessarily and properly work, then he shall be entitled to reimbursement or liable to refund, quarterly as the case may be such an amount as shall be equivalent to the plus or minus difference in between the price of P.O.L. which is operating for the quarter under consideration and that operated for the quarter in which the tender was opened as per the formula indicated below -

$$\text{Formula to calculate the increase or decrease in the price of P. O. L.}$$

$$K1 = \frac{0.75 \times K2 \times RX}{100} \left( \frac{O2 - 1}{O1} \right)$$

- K1 = Increase or decrease in the cost of work during the quarter under consideration due to changes to the price of P. O. L.
- K = The value of work done in rupees during the quarter under consideration.
- M = Average price per litre of diesel oil which was fixed by the Government of India during the quarter in which the tender was opened.
- D = Average price per litre of diesel Oil which is fixed during the quarter under consideration.
- K2 = Percentage of P. O. L. component as per sub-clause.
- d) The following shall be the percentage of material labour and P. O. L. component for reimbursement on variation in price of materials labour and P. O. L. as per sub clause (a), (b) and (c) of this clause

Category of works	Contractors supply		% of P. O. L.	Departmental supply materials
	% of materials	% of labour		
Irrigation works			5%	45%
a) Canal work	20%	30%	5%	15%
b) Earth work canal work, embankment work etc.	20%	6%	5%	4%
R & B works			5%	10%
a) Earth work	20%	30%	5%	35%
b) Road work	4%	4%	5%	
c) Banking work	3%	30%	5%	

(where brick is supplied by the department it should be 20% instead of 30%)

e) Reimbursement / refund on variation in the price of materials labour and P. O. L. S. as per sub-clause (a), (b) and (c) of this clause shall be applicable only in respect of contract of one year or more provided that the work has been carried out within the stipulated time or extension thereof are not attributable to contractor. However where the original contractual period is less than one year but subsequently it has been validity extended and the period becomes one years or more declaration clause shall be applicable only for the balance portion of work to be executed beyond one year provide the delay is not attributable to the contractor.

(f) The contractor shall for the purpose of sub-clauses (a), (b) and (c) of the clause keep such books of account and other documents as are necessary to show the amount of increase claimed or reduction available and shall allow inspection of the same by a duly authorised representative of Government and further shall at the request of the Engineer-in-charge furnish, verified in such a manner the Engineer-in-charge may require any document kept and such other information as the Engineer-in-charge may require.

The contractor shall within a reasonable time of his becoming aware of any alteration in the price of each material; wages of labour and or price of P. O. L. give notice thereof the Engineer-in-charge stating that the same is given pursuant to this condition together with an information relating thereof which he may be in a position to supply.

80. The earthwork quantity in embankment or Earth Dams will be calculated from cross sections taking at suitable intervals as decided by Executive Engineer and deducting settlement allowance as per "Detailed Specification for Orissa". Initial levels will be taken with reference to bench marks which should be kept at site till finalisation of the contractor. The initial cross-section papers should be signed by both parties before starting earth works.

81. Earth required for the work is to be arranged by the contractors at his own arrangement.

82. The contractor will have to arrange water for the work and his rates should be inclusive of this.

83. The measurement of fine dressing and turfing will be taken after full growth of turf is achieved.

84. Final measurement of earth work will be made after one rainy season and after due settlement of earth work. Minimum settlement allowance of 12½% (twelve and half percent) will be deducted in case the bill paid before the rainy season. Other percentage of settlement allowance if any will be deducted on actual observation by the Engineer-in-charge as per the quality of work and nature of soil.

85. 2% of the gross amount will be deducted towards sales tax for work costing Rs. 1,00,000/- or above.

86. 3% price preference on the lowest tender's rate will be given to M/s. Orissa Bridge and Construction Corporation Ltd as per Govt. of Orissa, Works deptt. No. - 26915 IIM-E-C-32/89