



**GOVERNMENT OF ODISHA**

**PANCHAYATI RAJ & DRINKING WATER DEPARTMENT  
DRDA, MAYURBHANJ**

**PANCHAYAT SAMITI, KHUNTA  
MAYURBHANJ**

**DETAILED TENDER CALL NOTICE**

(For different Civil Works vide TCN No. 03/KHUNTA-MBJ/ 2023-24)

For the Year 2023-24

## CHECK LIST TO BE FILLED AND SUBMITTED BY THE BIDDER

Name of the Work:-

Name of the Contractor:-

Address of the Contractor:

House No./ Plot No.:-

AT :-

P.O:

Police Station:-

District:-

State:-

PIN :-

Sl. No.	Particulars	Reference to DTCN Clause No.	Whether Furnished		
			YES	NO	Not Applicable
1	Demand Draft of Rs.6000/- in favour of Block Development Officer, Khunta payable towards Cost of tender paper enclosed in original.	Clause 6			
2	Earnest Money Deposit (EMD) in shape of NSC/KVP/POTD/ Fixed Deposit of any Nationalized Bank duly pledged in favour of the Block Development Officer, Khunta. Payable at Khunta.	Clause 11			
3	Self Attested copy of Contractor's Registration Certificate /License				
4	Self-Attested copy of active and valid GSI Certificate	clause 14			
5	Self Attested copy of PAN Card	clause 29			
6	Self Attested Copy of Caste Certificate for ST/SC Contractors, if Applicable				
7	Self Attested Copy of PH Certificate for differently abled Contractors, if Applicable				
8	Affidavit for Engineer contractor, if any				
9	Complete filled in and duly certified Annexure-A and Annexure-B				
10	No Relationship Certificate in Annexure-D	clause 55			
11	A declaration to the effect that there has been no conviction/imprisonment for an offence involving moral turpitude.				
12	Affidavit regarding authenticity of the credentials	clause 25			
13	Signed Copy of DTCN and Price bid duly filled in & Signed by the bidder	clause 25			

Signature of the Bidder

Terms and condition

- 1 **Availability and Receipt of Tender Papers:** The Tender Paper can be downloaded from the Mayurbhanj District website [www.mayurbhanj.nic.in](http://www.mayurbhanj.nic.in). The Tender Paper will be available on [www.mayurbhanj.nic.in](http://www.mayurbhanj.nic.in) from date **31/07/2023** to **07/08/2023** up to **5.00 PM**. The sealed Tender Paper will be received on working days till **5.00 P.M.** from date **31/07/2023** to **07/08/2023**. The same should be submitted either through registered/ speed post addressing to the BDO, Khunta or same may be dropped in the tender box kept in the Block office, Khunta during working hour. No tender paper will be received by hand service. The sealed envelope shall be superscripted as "Tender Paper" <Name of the Project & Sl. No. > The undersigned will not be held responsible for any delay in the postal service. The Last date of receipt of the bid documents is till **07/08/2023 up to 5.00 P.M.**
- 2 **Cost of Tender Paper:** Bid must be accompanied by a Demand Draft of Rs.6000/- in favour of Block Development Officer, Khunta payable at Khunta towards Cost of tender paper (non-refundable).
- 3 **Earnest Money Deposit (EMD)** :The EMD as **mentioned in col.5** is to be deposited in shape of NSC/KVP/POTD/ Fixed Deposit of any Nationalized Bank duly pledged in favour of the Block Development Officer, Khunta. Payable at Khunta. Tenders not accompanied with EMD shall be liable for rejection. The Earnest Money deposited will be refunded to the unsuccessful tenderers on application as per the terms and conditions as laid down in OPWD Code and the same will be retained in case of the successful tenderers and will not carry any interest.
- 4 **Date of Opening of the Tender paper:** The Tender Papers/Bids will be opened on **11.30 AM** on date **08/08/2023** in presence of the bidders or their authorized representatives and Block Tender Committee in the Block Conference Hall.
- 5 The following documents should be furnished along with the tender paper failing which the tender is liable for rejection.
  - a. Original Demand Draft of Rs.6000/- in favour of Block Development Officer, Khunta payable at Khunta towards Cost of tender paper (non-refundable)
  - b. EMD duly pledged in favour of the BDO, Khunta.
  - c. Self Attested copy of the contractor valid registration certificate/ License.
  - d. Self Attested copy of PAN CARD.
  - e. Self Attested copy of valid GST registration Certificate.
  - f. Attested copy of caste certificate for SC/ST contractor desirous of availing preference, if applicable
  - g. Self Attested Copy of PH Certificate for differently-abled Contractors, if Applicable
  - h. Affidavit for Engineer contractor, if any
  - i. Signed copy of DTCN and price bid duly filled in and signed by the tenderer.
  - j. An affidavit regarding authenticity of the credentials.
- 6 The EMD amount will be forfeited, if the Tenderer backs out from the offer of acceptance of Tender by the competent authority.
- 7 The Tenderer has to show all required original documents at the time of opening of the tender for verification.
- 8 Joint Stock Companies/ Joint Ventures are not allowed to participate in the tender process.
- 9 If the rate quoted by the Tenderers is found to be same, Tender Committee will take the final decision.
- 10 Excess bid amount quoted by the bidder, if any, in respect of any work shall not be accepted.
- 11 All the tenders where rate quoted is more than 14.99 % less than the scheduled rate will be rejected.
- 12 The tender is to be submitted in sealed envelope with all documents described and required as per the relevant clauses of the DTCN and Special Conditions if any.


Block Development Officer

khunta

- 13 The Engineer Contractor seeking exemption of EMD is to be enclosed an affidavit regarding the number of tenders they have participated with exemption of E.M.D prior to the date during the current financial year 2023-24. Also she/he will have to produce his/her original licence at the time of opening, so that the authority will enter the same in the license which is mandatory.
- 14 ST/SC and differently abled Contractors can avail facilities as per Govt. circular.
- 15 Additional performance Security deposit shall be obtained from the bidder when the bid amount is less than the estimated cost put to tenders as per Works Department Letter No.4710 dated 21.04.2022 . In such an event, only the successful bidder who has 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( APS)in shape of Demand Draft/ Term Deposit Receipt pledged in favour of Block Development Officer, khunta within Seven days, otherwise the bid shall be cancelled and the EMD shall be forfeited. Further, proceeding for blacklisting shall be initiated against the bidder.

Percentage of Bid amount less than estimated cost	Additional performance Security deposit
Below 5%	No Additional performance Security deposit
From 5% & above and below 10%	50% of (Difference between estimated cost put to tender and Bid amount
From 10% and above	150% of (Difference between estimated cost put to tender and Bid amount

- 16 All bids received will remain valid for a period of 90days from the date of receipt of bids or till the date of drawl of Agreement whichever is earlier and validity of bids can also be extended if agreed by the bidder and the Department/Office
- 17 If the L-1 bidder does not turn up for agreement after finalization of tender, than she/he shall be debarred from participation in bidding for three years and action will be taken to blacklist the bidder. In that case L-2 bidder if fulfill, other required criteria would be called for drawing agreement for execution of work subject to the condition, that L-2 bidder negotiate at par with the rate quoted by the L-1 bidder otherwise tender will be Cancelled.
- 18 The rates to be quoted by the contractor shall be excluding GST. The implementation of the GST rules by the Govt. of Odisha is to be accepted by the bidder from time to time.
- 19 The authority Reserves the rights to reject or cancel any or all the Tender without assigning any reason thereof.

  
 Block Development Officer  
 Khunta

## TENDER SCHEDULE

Tender Schedule of the work : **Construction of Bhuyan Cultural Bhavan(Community Hall) At-  
Purunapani,near Dharani Dhara Mandap under Basipitha G.P.** Estimated Amount  
: Rs.20,00,000.00

Tendered Amount : Rs 16,94,916.74

Earnest Money to be Deposited : Rs 16,949.00

Cost of Tender Paper : Rs 6,000.00

Class of Contractor : 'C & D'

Last Date of Receipt of Tender Paper : 07/08/2023.

Date of Opening of Tender : 08/08/2023

Time Required For Completion of Work : Three Calender Month

Sl No	ITEM OF WORK	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Earth work in excavation of foundation in hard soil within initial lead and lift including rough dressing and breaking clods etc. complete	56.25	One cum	Rs 205.60	Rs 12,045.27
2	Sand filling in foundation and plinth with well watered and rammed etc. complete	49.05	One cum	Rs 904.30	Rs 44,357.12
3	Cement concrete (1:4:8) with 4cm size hard granite metal of approved quality and approved quarry in foundation including hoisting laying concrete with cost conveyance of materials including watering, curing, royalty all T & P required for the work etc. complete as per direction of the Er. in charge	15.93	One cum	Rs 5,652.00	Rs 90,030.76
4	Flyash Bricks (25cm x 12cm x 8cm ) masonry in cm (1:6) for Superstructure in foundation and plinth with all cost conveyancy Royalty etc. complete				
	a) In foundation	9.90	One cum	Rs 5,317.10	Rs 52,640.78
5	b) In Superstructure	17.50	One cum	Rs 5,350.45	Rs 94,148.20
6	Reinforcement cement concrete M - 20 grade with 20mm and down grade block hard granite ( Crusher broken ) stone chips including hoisting and laying including cost, conveyance, royalties, taxes etc. complete as per the direction of the Eng. In Charge	38.27	One cum	Rs 6,876.10	Rs 263,146.89
7	Rigid Smooth centering and shuttering or mass concrete				
	a) Column Base and Plinth Bend	28.12	One Sqm	Rs 100.30	Rs 2,819.96
	b) Lintel Band	11.46	One Sqm	Rs 262.00	Rs 3,001.58
	c) Column & Roof beam	94.74	One Sqm	Rs 772.70	Rs 73,202.12

d) Slab & Chajja		104.31	One Sqm	Rs 429.80	Rs 44,830.43
8	Providing HYSD bar reinforcement for R.C.C. work including Straightening, cutting, bending, binding, welding, tying the grills, laying and placing in proper position as per approved design and drawing including cost, conveyance of 18 to 20 gauge binding wire cost and conveyance of HYSD bars complete in all respect as per specification for road & Bridge and direction of Eng - in Charge	38.27	One Qntl	Rs 11,512.10	Rs 440,565.63
9	Fixing tiles in floors, treads and landings on 25mm thick bed of cement mortar (1:1) joined with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing including cost of tile	24.04	One Sqmt	Rs 1,334.50	Rs 112,150.04
10	Fixing tiles in dados, skirting and in rises of steps on 12mm thick bed of cement plaster (1:3) joined with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing including cost of tile	5.95	One Sqmt	Rs 1,186.70	Rs 7,055.64
11	16mm(5/8") thick cement plaster (1:6) in finished smooth to inside rough surface of 10" thick brick walls after racking out the joints including watering and curing with cost, conveyance, royalty, all tax of all materials and cost of all labour with T&P required for the work etc complete as per the direction of Engineer in Charge	228.69	One Sqmt	Rs 228.60	Rs 52,279.51
12	12mm thick cement plaster in cm 1:6 including cost conveyance and royalty etc complete	110.45	One Sqmt	Rs 161.80	Rs 17,870.39
13	6mm thick cement plaster (1:4) to R.C.C. surfaces finished smooth surface with all cost etc complete	110.11	One Sqmt	Rs 167.50	Rs 18,443.03
14	20mm thick cement plaster in cm 1:4 including cost conveyance and royalty etc complete	98.94	One Sqmt	Rs 242.60	Rs 24,002.93
15	Cost of M S Door & Windows	393.75	One Kg	Rs 90.00	Rs 35,437.50
16	Finishing the wall surface with Acrylic wall putty with approved shade etc	338.80	One Sqmt	Rs 70.50	Rs 23,885.54
17	Providing and applying paint over external plastered surfaces with 2 coats of whether seal coat of approved quality and shade using the required quantity of paint as specified by the manufacturer to give an even shade including providing 1 coat of primer and watering the surface before applying and curing for the required period, including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, watering, curing, sundries, tools and plants etc complete as per the direction of the Engineer-in-charge	110.45	One Sqmt	Rs 60.30	Rs 6,659.98

18	Wall painting two coats on new work with plastic emulsion paint of approved shade etc.	338.80	One cum	Rs 86.30	Rs 29,238.61
19	Priming one coat with any approved Primer over wall surface	449.25	One Sqmt	Rs 60.80	Rs 27,314.36
20	Painting two coats with enamel paint over Door and Window with all cost etc	53.77	One cum	Rs 148.60	Rs 7,990.47
21	Cost of T.B Board				Rs 2,000.00
22	Add for Electrification				Rs 60,000.00
23	Bala painting				Rs 5,000.00
24	Provision For Latrine				Rs 65,000.00
25	Dismantling of Old Building				Rs 6,000.00
26	Cost Of Dice and Chair				Rs 73,800.00
					<b>Rs. 1,694,916.74</b>

Total Tender Cost                      Rs. 1694916.74  
SGST & CGST 18%                      Rs. 3,05,085.01  
Gross Total                                      Rs. 20,00,001.76

Say Rs. 20,00,000.00

(Twenty Lakhs Only)

Rate quoted in terms of % (Percentage) less or excess over the gross value of the tender amount as given above.

(Both in words and figures in details). The percentage less or excess will be up to two decimal point only.

(a) In figures \_\_\_\_\_ % Excess/Less

(b) In Words \_\_\_\_\_

N.B.: Percentage of Excess or Less to be quoted both in words and figures

Signature of the Contractor

**GOVERNMENT OF ODISHA**  
**DEPARTMENT OF PANCHYAT RAJ**  
**INVITATION FOR BIDS (IFB) IDENTIFICATION NO.01/khunta-MBJ/ 2023-24**  
**BLOCK DEVELOPMENT OFFICER khunta**  
**DETAILED TENDER CALL NOTICE (DTCN)**

1. The Block Development Officer, khunta on behalf of Government of Orissa invites Percentage rate basis bids for execution of Civil works as detailed in the ANNEXURE 'A' from the Class of bidders registered with the State Government and bidders of equivalent Grade/Class registered for execution of Civil works on production of definite proof from the appropriate authority. The bidders may submit bids for any or all of the works annexed hereto.
2. Bid document consisting of plan, specification, the schedule of quantities and the set of items and conditions of contract and other necessary documents can be seen in the office of the undersigned during office hours every day except in Sundays and Public holidays till the last date of sale and receipt of bid documents.
3. Bids must be accompanied by security EMD of the amount (Non-refundable) specified for the work as mentioned in the Col No 5 of the ANNEXURE 'A' in shape of Deposit Receipt from Scheduled Bank/ National Savings Certificate / Post Office Savings Bank Account / Post Office Time Deposit Account / Kissan Vikash Patra duly pledged in favour of the Block Development Officer, khunta failing which the bid shall be liable for rejection. Bidders desirous to hire machinery or equipments from outside the State are required to furnish 2% of the amount put to bid as bid security.
4. The Tender Paper can be downloaded from the Mayurbhanj District website [www.mayurbhanj.nic.in](http://www.mayurbhanj.nic.in). The Tender Paper will be available on [www.mayurbhanj.nic.in](http://www.mayurbhanj.nic.in) from date 31/07/2023 to 07/08/2023 up to 5.00 PM. The sealed Tender Paper will be received on working days till 5.00 P.M. from date 31/07/2023 to 07/08/2023. The same should be submitted either through registered/ speed post addressing to the BDO, khunta or same may be dropped in the tender box kept in the Block office, khunta during working hour. No tender paper will be received by hand service. The sealed envelope shall be superscripted as "Tender Paper" <Name of the Project & Sl. No >. The undersigned will not be held responsible for any delay in the postal service. The Last date of receipt of the bid documents is till 07/08/2023 up to 5.00 P.M.


Signature of Contractor

  
Block Development Officer  
Khunta



5. The Tender Papers/Bids will be opened on 11.30 AM on date 08/08/2023 in presence of the bidders or their authorized representatives and Block Tender Committee in the Block Conference Hall. If the office happens to be closed on the last date of receipt of the bids as specified, the bids will be received on the next working day during the same time and same venue.
6. The value of the work put to bid is Rs. As per Col. No 3 of ANNEXURE - 'A'
7. As per Works Department Circular No. 15443/W Dt. 01.8.2005, all the prospective bidders for the purpose of participation in the bid shall have to deposit Earnest Money Deposit @ 1% of the amount put to bid rounded to the multiple of Rs. 100/- i.e. Rs. As per Col. No.5 of ANNEXURE - 'A' at the time of submission of bid. The earnest money should be duly pledged in favour of the Block Development Officer, khunta may be in shape of National Savings Certificate / Post Office Savings Bank Account / Post Office Time Deposit Account / KissanVikasPatra/Deposit Receipt of Scheduled Bank. Bids not accompanied by EMD @ 1% as provided in hereof shall be summarily rejected.
- N.B. a) No Cheque / Cash payment will be accepted**
- b) Any Bank enlisted under the Second Schedule of Reserve Bank of India Act, 1934 shall be constructed as Scheduled Bank. The Deposit Receipts of Bank other than the Scheduled Banks shall not be acceptable as E.M.D.
- c) The Engineering bidders shall have to furnish E.M.D. as per Works Department Clarification No. 2246 dt. 03.02.06 and the original Registration Certificate should be produced by the bidder at the time of opening of the bid for verification, failing which the bid will be liable for rejection. Grant of concession (s) to Schedule Caste & Schedule Tribe Bidders shall be admissible in accordance with Works Department Resolution No. 27748 dt. 11.10.1977.
- d) Adjustment of earnest money given with other bids previously shall not be entertained.
8. The bid document needs to be completed and submitted with copies of all the documents as required in the Invitation For Bids (IFB). Following is the summary of the copies of documents required to be submitted along with the completed bid document
- (i) Contractor's Registration Certificate (License)
  - (ii) E.M.D. in the prescribed mode as required under the DTCN
  - (iii) GST Registration Certificate of the bidder
  - (iv) PAN Card issued by the Income Tax Authority
  - (v) An affidavit regarding authenticity of the credentials
  - (vi) A declaration to the effect that there has been no conviction/imprisonment for an offence involving moral turpitude.
  - (vii) No relationship certificate in the prescribed Proforma.
  - (viii) Compliance to qualifying criteria if any.
  - (ix) The mailing address of Registered Office/Site office of the bidder
  - (x) Demand Draft towards the cost of Tender paper shall be enclosed in original.
  - (xi) Signed Copy of DTCN and Price bid duly filled in & Signed by the bidder
  - (xii) Attested Copies of Caste Certificate in case for ST/SC Contractor.
  - (xiii) Name of the Project & Sl. No. will be Superscribed in cover of the envelop.

Signature of Contractor

  
Block Development Officer,  
khunta.

9. The LMD will be forfeited if the bidder backs out from the offer before acceptance of bid by the competent authority as concurred in by Law Deptt. & Finance Deptt. In their UOR No. 848/L dt. 31.05.97 & UOR No. 202/WFD dt. 6.3.98 respectively (Works Deptt. Memo No. 9101/dt.30.03.98)
10. As the Orissa Sale Tax Act 1947 has since been repealed with effect from 1<sup>st</sup> April 2005 in the event of enactment of the Orissa Value Added Tax Act 2004 and Rule 2005, caption 'Sales Tax' printed at various clause of DTCN stands modified as 'GST'. The bid shall not at the discretion of the competent authorities be considered unless accompanied by the true copies of GST Registration No. and valid GST clearance certificate in Form 612 issued by the Sales Tax Authorities and the original thereof to be produced if required at the time of opening of the bid. The bidder registered in other State Government is required to produce non-assessment certificate obtained from the Sales Tax Commissioner Government of Orissa at the time of submission of bid document. The rates quoted by the bidder shall be deemed to be inclusive of GST of all the materials that he will have to procure for performance of the contract. TDS Deduction of GST at source @ 02% from the gross amount payable to the bidder shall be made and credited to the Government in terms of statutory provision U/S 54 of the Orissa GST Act, 2004.
11. The earnest money will be retained in case of successful bid and will be dealt with as per the terms and conditions of the O.P.W.D. Code and will not carry any interest. The earnest money of the unsuccessful bidder will be refunded on application after the tender is finally accepted and agreement concluded.
12. The bidder whose bid is selected for acceptance and who has no fixed deposit with the Government of Orissa, shall within a period of seven days upon intimation given to him of acceptance of his bid make an initial security deposit in the form of NSC/ Post Office Time Deposit/Post Office Savings Bank Account/ KissanVikasPatra / Deposit receipt of Scheduled Bank and in no other form which including the amount already deposited as earnest money shall be 2% of the value of the bid amount and sign agreement in the P.W.D. form No. F2 (Schedule XLV No.61) for the fulfilment of the contract in the office of the Block Development Officer, khunta. The security deposit together with the earnest money and the amount withheld according to the provision of F2 agreement shall be retained as security for the due fulfilment of this contract. Failure to enter into the required agreement and to make the security deposit as above shall entail forfeiture of the earnest money. No bid shall be finally accepted until the required amount of security money is deposit. The written agreement to be entered into between the bidder and the Government shall be the foundation of the rights of both the bidder and the Government and the contract shall be deemed to be incomplete until the agreement has first been signed by the bidder and then by the proper officer authorized to enter into the contract on behalf of the Government. The security deposit will be refunded after one year from the date of completion of the work and payment of the final bill. This will not carry any interest.
13. Bid must be submitted in sealed covers. Bid documents received after due date and time will not be entertained. No bidder will be permitted to furnish his bid in his own manuscript.
14. The work is to be completed in all respect within the stipulated date which is mention in DTCN.
15. All bids received will remain valid for a period of 90 days from the date of receipt of bids or till the date of drawl of Agreement whichever is earlier and validity of bids can also be extended if agreed by the bidder and the Department/Office.
16. The date of issue of the notice to the bidder to attend Block office for signing the agreement shall be treated as the date of commencement of work, unless otherwise specifically mentioned. The bidder whose bid is accepted must submit a programme of work immediately after issue of work order for approval by the Engineer-in-charge.
17. The bidder shall carefully study the tentative drawing and specifications applicable to the contract and all documents, which form part of the agreement to be entered into by the accepted bid and detailed standard and specifications for Orissa and other relevant specifications and drawings, which are available for sale. Complaint at a future date that and specifications have not been seen by the bidder cannot be entertained.

Signature of Contractor

Block Development Officer,

khunta.

18. Every bidder is expected before quoting his rates to inspect the site of the proposed work. He should also inspect the quarries and approach road to quarries and locality of the work and satisfy himself about the quality and availability of materials including the medical aids, labour and foodstuff etc. In every case the materials must comply with the relevant specifications.

The bidder will be deemed to have satisfied himself that the rates quoted by him in the bid will be adequate to complete the work according to the specifications and conditions attached to and that he has taken into account all conditions, difficulties that may be encountered during its progress and to have quoted labour rates and materials, entry tax and other duties, leads, lifts, delfts, loading and unloading and freight for materials and all other incident charges necessary for the completion of the work to the entire satisfaction of the Engineer-in-charge of the work and his authorized subordinates. In the course of awarding a work, the Department may desire the analysis of the rate arrived for against any item(s) of work.

Complaints at future date that the availability of materials, labour or any other factor have been misjudged cannot be entertained. It should be understood clearly that no claim whatsoever will be entertained afterwards on the plea of non-availability of proper quantity and quality of materials, including foodstuffs or for any other

19. The bidder shall bear in full various incidentals, sundries and contingencies necessitated by the work within the following or similar category.

- a) Rent, royalties and other charges of materials octroi duty, entry tax, all other taxes payable under various Acts & Rules including GST, ferry tolls, conveyance charges and other cost on account of land buildings including temporary building and temporary electric connection to work site as well as construction of coffer dam, construction of service road, haul road, diversion and its maintenance till completion of work required by the bidder for collection of materials, storage housing of staff or other purpose of the work.
- b) Labour camps or huts necessary to a suitable scale including conservancy and sanitation arrangements therein to the satisfaction of the local health authorities should be arranged by the bidder.
- c) Suitable water supply including pipe water supply wherever available should be provided for the staff and labour as well as for the work.
- d) Fees and duties levied by the municipal/ canal or water supply authorities.
- e) Suitable equipment and wearing apparatus for the labour engaged in risky operations and medical aid to the labourer engaged for the work.
- f) Suitable fencing, barriers, signals including paraffin and electric signals wherever necessary at work and approaches in order to protect public and employees from accident.
- g) Compensation including cost of any suit for injury to persons or property due to neglect of any major precautions also become payable due to operation of the Workman's Compensation Act.
- h) The bidder has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.

20. Additional performance security should be deposited by the successful bidder when the bid amount is seriously unbalanced i.e. less than the estimated cost by more than 10%. In such an event the intending bidder shall have to deposit prior to conclusion of agreement the additional performance security to the extent of the differential cost of the bid amount and 90% of the estimated cost in shape of Post Office Savings Bank Account / National Savings Certificate/Post Office Time Deposit Account / Kissan Vikash Patra / Deposit receipt of Scheduled Bank duly pledged in favour of the Block Development Officer, khunta failing which the bid shall be liable for rejection under intimation to the License Issuing Authority. On successful Execution of the quantity / quantities, the additional performance security shall only be refunded to the bidder or else the same shall be forfeited to Govt. if in the opinion of the Block Development Officer, the

Signature of Contractor

Block Development Officer,

Khunta

execution of such quantity / quantities is / are not feasible / necessary for completion of the work, the proportionate amount of the additional performance security shall be refunded to the bidder. Any bank enlisted under the Second Schedule of the R.B.I. Act, 1934 shall be construed as Scheduled Bank. The Deposit Receipts of Bank other than the Scheduled Banks shall not be acceptable for the purpose.

21. The bidders shall have to sign on each page of tender schedule, DTCN and the credentials submitted by him. In addition bidders shall have to submit an affidavit along with the bid regarding authentication of bid documents, credentials including security deposits/additional performance security deposits. The bidder shall not be allowed to engage power of Attorney holder for the purpose.
22. In event of item rate bid each bidder must quote a definite rate for each items of work for subsequent inclusion in the contract. Bids containing indefinite terms such as estimated rates or schedule of rates or rates on percentage basis will not be considered. The bidder 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.
23. All rates should be for finished items of works unless otherwise specifically mentioned in the tender schedule.
24. In case of item rate bids, the rate should be written both in words and figures and in decimal coinage and in case of discrepancy in rates between words & figures the rates written in words will prevail. The bidders may also show the total of each item and the grand total of the whole bid. In case of discrepancy in the rates quoted against each item of work in figure and total of each item, the lesser amount shall be treated as valid.

In case of Percentage rate contracts the schedule of quantities shall mention estimated rate of such item and amount thereto. The bidder has to mention percentage excess or less over the estimated cost (in figures as well as words) in the prescribed format appended to the bid document. The bidders participated in the bid 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 bid invitation notice.

In case of percentage rate bids, only percentage quoted shall be considered. Percentage quoted by the bidders shall be accurately filled in figures and words, so there is no discrepancy. If any discrepancy is found in the percentage quoted in words and figures, then the percentage quoted by the bidder in words shall be taken as correct. If any discrepancy is found in the percentage quoted in percentage excess/less and total rate quoted by the bidder then percentage will be taken as correct. The percentage quoted in the bid without mentioning excess or less and not supported with the corresponding amount will be treated as excess. The bidder will write percentage excess or less up to two decimal point only. If s/he writes the percentage excess or less up to three or more decimal points, the first two decimal points shall only be considered without rounding off. Where the bidder has omitted to quote the rates either in figures and words, the Officer opening the bid should record the omission.

If the bidder is not willing to accept the amount so fixed in the above manner and declines to execute the work the EMD of the bidder shall be forfeited to Government. Bills for percentage rate bids 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.

The bid should be written legible and free from erasures overwriting or correction of figures and words and all overwriting should be neatly scored out and rewritten and corrections whenever unavoidable should be done by writing over the dated initial of the bidder.

25. In accordance with Sections of The Income Tax Act 1961, TDS rates as applicable shall be deducted towards Income Tax from the bills payable to the bidder. The bidder shall have to furnish true copy of PAN Card issued in accordance with the provisions of The Income Tax Act 1961 along with the bid.
26. The bidder shall have to furnish the complete postal address of his address of his Registered Office as well as Site Office for making all future correspondences. Any notice or instructions to be given to the bidder under the terms of the D.T.C.N/ Agreement shall be deemed to have been

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served upon him if and only if dispatched by Registered Post in the address of his registered office / site office or in the mailing address last provided by him.

27. Labour Cess as admissible shall be deducted from the gross amount of the bill payable to the bidder.
28. The bid containing extraneous conditions not covered by the invitation notice are liable for rejection and quotations should be strictly in accordance with the bid invitation notice. Any change in the wording will not be accepted.
29. Conditional bids will not be taken into consideration.
30. On no account, whole or any part of the contract work shall be sublet / off loaded to surrogated executants or transfer be made by execution of a deed of Power of Attorney (hereinafter called as 'subletting') without prior written approval of the competent of the Department. In such an event the arrangement may be rescinded. The bid accepting authority shall keep the following points in view in the event of grant of such permission for subletting. Wherever such approval is granted, the bidder shall not be relieved of any obligation or duty or responsibility, which he undertakes under the Agreement.
  - (i) Subletting shall be permitted only in exceptional cases and for recorded reasons as to why the Contractor himself can not directly run the Contract.
  - (ii) In all cases, Sublette shall be a Contractor of the same or higher capacity or class as the original Contractor.
  - (iii) Sanctioning authority shall see the qualifying criteria of the bid including the filled in Proforma annexed vide ANNEXURE 'C' of DTCN, so as to assess the capability of the Sublette.
  - (iv) Sanctioning authority shall also see the terms and conditions of the agreement between the Contractor and the Sublette in order to satisfy himself that the Contractor is not subletting the work for carrying a middleman's profit.
  - (v) It shall be observed at the time of subletting that the Government will not be put to any loss on account of substandard execution due to compromise in the quality of work and materials.
31. Letters etc. found in the tender box raising and lowering the rates or dealing with any point in connection with the item rate bid will not be considered.
32. Schedule of Quantity accompanies the bid invitation notice : It shall be definitely understood that the Government do not accept any responsibility for the 'correctness and completeness' of this schedule and this schedule is liable for alternations or omissions, deductions or addition as set forth in the conditions of contract and such omissions, deductions, additions or alternations shall in no way invalidate / validate the contract and no extra monetary compensation will be entertained.
33. The authority reserves the right to make such increase or decrease in the quantity of items of works mentioned in the schedule attached to the bid invitation notice as may be considered necessary for the satisfactory completion of the contract work. All such increase or decrease shall in no way invalidate / vitiate the contract rates. The bidder shall not be entitled for any compensation on this account except for grant of extension of time wherever considered necessary.
34. Items of work not covered by the bid invitation notice shall be paid at the prevailing schedule of rates based on actual analysis approved by the competent authorities on execution of Supplementary Agreement.
35. During execution of the work, there is every likelihood of such items of work, which do not find place in the current schedule of rates or in respect of such items, which are given in the schedule of items for which the bidder has not quoted his rates. The bidder will have to carry out these items of work. Rates of such items of work which do not find place in the current schedule of rates referred to above shall be decided by the APD Tech. of the DRDA, Mayurbhanj and the decision of the APD Tech., shall be conclusive and binding upon the bidder. The payment on such items of execution shall be made on drawl of Supplementary Agreement.

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36. The quantities in respect of the items for which the quoted rates are more than 212% of the estimated rates are not allowed to be varied by more than five percent. In case, it seems to exceed the limit prior approval of the competent authority should be obtained in accordance with Para 6.3.15 of OPWD Code (Vol.I)
37. It should be understood clearly that no claim whatsoever will be entertained in regard to extra items of work or extra quantity of any item besides, estimated amount, unless written order is obtained from the Engineer-in-charge and rates settled and supplementary agreement drawn before the extra item(s) of work are taken up
38. The work may be splitted up and distributed among several Agencies if considered necessary on the exigency of the circumstances of the work and the bidder is not entitled to any compensation on this account.
39. Under Section 12 of Contract Labour (Regulation and Abolition) Act, 1970 the bidder who undertakes execution of work through labour, should produce valid license from licensing authority of Labour Department (labour license) before drawl of agreement
40. In every case in which by virtue of the provisions of Section 12, sub-section (1) of the Workman's Compensation Act, 1923, Government is obliged to pay compensations to a workman employed by the contractor in execution of the works, Government will recover from the contractor the amount of compensation so paid and without prejudice to the rights of Government under Section (1) sub-section (2) of the said Act, Government shall be at liberty to recover the amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise Government may not be bound to contest any claim made against them under Section 12, sub-section (1) of the said Act except on the written request of the contractor and upon his giving to Government full security for all cases for which Government might before liable in consequence contesting such claim
41. Bidders are required to abide by the fair wages clauses as introduced by Government of Orissa and will not pay less than the Fair Wages fixed by Government to the labourers engaged by him for the work. In case of any complaint by the labourer about the non payment of his wages as per the Prevailing Minimum Wages Act, the B D O shall have the right to investigate and if the bidder is found to be default, the Block Development Officer may recover such amount due from the bidder and pay such amount to the labour directly under intimation to the local Labour Office of the Government. The decision of the Block Development Officer is final and binding up on the bidder. An undertaking to this effect is annexed herewith vide ANNEXURE 'B'
42. The bidder will have to submit the Block Development Officer, khunta monthly return of labour both skilled and unskilled employed by him in the work. The bidder should keep himself in touch with the Engineer in charge for smooth execution of the work and arrange adequate labour depending on the workload and working space available. No claim for detention of labour on any account will be entertained
43. Any damaged cause to the work due to 'any cause' whatsoever during execution, the bidder will make good until it is handed over to the Department in complete shape. Any cause shall mean and include 'National Calamities' of all kinds.
44. The bidder shall have to abide by the C P W D Safety Code Rules introduced by the Govt. of India Ministry of Works, Housing and Supply vide order no. 44150 dt. 25.1.1957.
45. All preliminary works such as mixing platform etc. are to be done by the bidder at his own cost. No payment will be made for benchmarks, level pillars, profiles, benching and leveling the ground wherever required. The rates to be quoted should be for finished item of work inclusive of carriage of all materials and incidental items of works
46. After the work is finished all surplus materials & debris should be removed 100m clear away from the site of the work. Preliminary work such as mixing platforms etc. should be dismantled and all materials removed from the site and premises be left neat and clean and this should be inclusive of the rates.

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47. In view of the addendum to the conditions of contract, vide Works Department Circular No. 24/16 DL 24.12.2005 the existing / relevant provisions incorporated in this DTCN/Original standard F2 Agreement stands modified to the extent as detailed herein below. This addendum shall be conclusive and binding upon the bidder and shall form part of the Agreement.

#### Time Control.

##### A. Progress of Work and Re-scheduling Programme.

- i) The Block Development Officer shall issue the letter of acceptance to the successful bidder. 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 bidder shall submit to the Engineer-in-charge for approval of a programme commensurate to clause no. (ii) showing the general methods, arrangements and timing for all the activities in the work along with monthly cash flow forecast.
- iii) To ensure good progress during the execution of the work the bidders shall be bound in all cases in which the time allowed for any work exceeds one month to complete, 1/4 the whole time allowed under the contract has elapsed, 1/2th of the whole of the work before 1/2 of the whole time allowed under the contract has elapsed, 3/4<sup>th</sup> of the whole of the work before 3/4<sup>th</sup> 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 progress of the work does not confirm to the programme to which consent has been given, the bidder 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 work within the time prescribed for completion. If the bidder does not submit an update programme within this period, the Engineer-in-charge may withhold the amount of 1% of the contract value from the next payment certificate and continue to withhold this amount until the next payment after the date on which the over due programme has been submitted. An update or 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.
- v) The Engineer-in-charge's approval of the programme shall not alter the bidder's obligations. The bidders may revise the programme and submit it to the Engineer-in-charge again at any time. A revised programme is to show the effect of Variations and Compensation Events.

##### B. Extension of the Completion Date.

The time allowed for execution of the work as specified in the contract date shall be the essence of the Contract. The execution of the work shall commence from the 15<sup>th</sup> day or such time period as mentioned in Letter of Award after the date on which the Engineer-in-charge issues written order to commence the work or from the date of handing over of the site whichever is latter. If the bidder 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 Deposit and Performance Guarantee/Security Deposit absolutely.

As soon as possible after the contract is concluded the bidder shall submit a Time and Progress Chart for each milestone and get it approved by the Department. The chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the work. It shall indicate the forecast of the dates of commencement and completion of various trades of section of the work and may be amended as necessary by agreement between the Engineer-in-charge and bidder within the limitations of time imposed in the contract document, and further to ensure good progress during the execution of the work, the bidder 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.

in case of delay occurred due to any of the reasons mentioned below, the bidder 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 work.

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- (i) Force majeure, or
- (ii) Abnormally bad weather, or
- (iii) Serious loss or damage by fire, or
- (iv) Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- (v) Delay on the part of other contractors or tradesmen engaged by Engineer-in-charge in executing work not forming part of the Contract.
- (vi) In case a variation is issued which makes it impossible for completion to be achieved by the intended completion date without the bidder taking steps to accelerate the remaining work and which would cause the bidder to incur additional cost, or
- (vii) Any other cause, which in the absolute discretion of the authority mentioned, in Contract date is beyond the bidder's control.

Request for re-schedule and extension of time, to be eligible for consideration shall be made by the bidder in writing within fourteen days of the happening of the event causing delay. The bidder may also, if practicable, indicate in such a request the period for which extension is desired.

- (viii) 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 bidder by the Engineer-in-charge in writing, within 3 (three) months of the date of receipt of such request. Non-application by the bidder for extension of time shall not be a bar for giving fair and reasonable extension by the Engineer-in-charge and this shall be binding on the bidder.

#### C. Compensation for Delay.

If the bidder fails to maintain the required progress in terms of Clause "A" (Time Control) 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 APD Tech. (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 remains below that specific in Clause "A" (Time Control) or that the work remains incomplete.

This will also apply group of items for which a separate period of completion has been specified. Compensation @ 1.12% per month of delay of work to be computed 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 Bid Value of work or to the Bid 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 bidder under this or any other contract with the Government in case, the bidder does not achieve a particular milestone mentioned in contract data, or the rescheduled milestone(s) in terms of Clause "E" (Management Meeting) the amount shown against that milestones 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 bidder. However, if the bidder catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the bidder 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

In case, the bidder completes the work ahead of scheduled completion time, a bonus/ incentive @ 1% (one percent) of the bid value per month computed on per day basis, shall be payable to the bidder, subject to the condition quoted herein below for a maximum amount of 2% (two percent) of the bid value. The amount of bonus/incentive, if payable, shall be paid along with the final bill after completion of the work.

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Bonus/Incentive shall only be admissible for payment in respect of individual project for new construction / substantial additional or improvement works, the minimum value of which is mentioned below

Name of the work	Minimum Value
i) Building work/P.H. work	Rs 40 00 lakhs
ii) Road work	Rs 3 00 cores
iii) Irrigation work	Rs.10 00 cores

Bonus/Incentive will be paid after obtaining approval from the next higher authority of tender accepting authority on completion of original work before original time schedule.

#### **E. Management Meetings**

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

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 is to be decided by the Engineer either at the management meeting or after the management meeting and should be stated in writing to all who attended the meeting.

48. In case of delay in acquisition of land/handling over possession of work site no compensation will be admissible but extension of time will be allowed if applied in the proper format.
49. If a bidder removes any Govt. material or stores supplied to him from the site of the work in contravention of the provision of this clause with a view to dispose of the same dishonestly, he shall be in addition to any other liability civil or criminal arising out of the contract be liable to pay penalty equivalent to five time of the price of the materials or stock. The penalty so imposed shall be recoverable at any time from the sum that may be due then or at any time thereafter become due to the bidder or from his security deposit or the proceeds of sale thereof. The bidder will be responsible for the misuse, loss, and damage due to any reason whatsoever on any materials of the Department supplied to him for the execution of the work. In case of loss damage or misuse of the Departmental materials issued to him recovery at the rate at that time (i.e. market rate or the issue rate of the Department which ever will be more) will be deducted from the bills or his other dues.
50. Over and above these conditions including the technical specifications the terms, condition, rules and regulation and specifications laid down in Orissa Detail Standard & Specification Code are also binding upon the bidder.
- 51. No Relationship Certificate.**  
The bidder shall have to furnish a certificate along with the bid to the effect that he is not related to any officer in the rank of an Asst. Engineer and above in the State P.W.D. or Asst. Secy. And above in the water Resources Department. If the fact subsequently provides to be false the contract will be rescinded. The earnest money and the total security will be forfeited and he shall be liable to make good the loss or damage resulting from such cancellation. The proforma for no relationship certificate is enclosed herewith vide ANNEXURE 'D'
52. The bidder shall sign as a token of final acceptance of the plans, sections and agreements for the work prior to take up the work for execution.
53. The bidder has to supply necessary labour and materials for the purpose of alignment laying whenever required at his own cost.
54. In the event of delay in supply of departmental materials and supply of design reasonable extension of time shall only be granted on the application of the bidder. No claim for monetary compensation will be entertained under any circumstances.
55. Under no circumstances, interest shall be chargeable for the dues or any additional dues, if any payable for the work.

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#### **56. Protection against flood.**

In case of flash and untimely floods in the river during the period of execution resulting in overtopping of coffer dam and flooding of the work area, the bidder shall make his own arrangement at his cost to shift the machineries, equipments, materials labour and departmental machineries if hired by the bidder to a safe place. The work shall have to be resumed after receding of floods and necessary strengthening of cofferdam and the bidder at his cost will do dewatering. The Department may consider extension of time for the completion of the work if the discontinuance of the work is beyond all reasonable attempts of the bidder to such eventualities.

The debris, sand and other materials, accumulated in the working area during flash floods or regular floods in the monsoon shall be removed by the bidder as required for continuing the work at his own cost. By any chance, if any excavated portion that could not be filled with concert by the bidder, gets filled up during the monsoon period with earth such removal will not be paid further. The bidder will have to re-excavate the same at his own cost.

- a) It shall be distinctly understood that it is entirely the responsibility of the bidder to make such arrangement as may be required from time to time to protect the men, machinery materials and the work under progress and the work for which the measurements were recorded and payment made, against damages either during working season or during the flood season. The Department accepts no liability, what so ever for any damage or loss of men, materials and the work if such hindrance is caused to the progress of work.
- b) The bidder should provide at his own cost adequate protective measures to the completed works at the end of working season or working in progress flood during monsoon till completion and handing over of the entire work.

**57. During Excavation of out-off trench, shoring, shuttering cost and carnage of materials including all taxes to be borne by the bidder. Only the designed sectional quantity will be paid. Dewatering from the foundation trench including hire and running charges of pump will be borne by the bidder.**

#### **58. Earth Work:**

- c) The earth work quantity will be assessed from cross section taken at suitable intervals as decided by the Engineering-in-charge. Initial levels will be taken with reference to the benchmark, which should be kept at site till finalization of the contract. Both the parties to the contract should sign the initial cross sections before starting the work. Final level is to be taken and recorded in level book after completion of the work in all respect and the bidder is to sign the final level recorded by the department in token of acceptance of final measurements. The plotting of final levels should also include initial level, designed level & executed level in three distinct indelible ink. At the time of recording of such level by the Department, the bidder shall have to deploy his qualified Engineers, so as to assist him to witness the levels.
- d) Payment for earth in banking by section measurement, will be made by deduction 12.5% (twelve and half) and 5% (five percent) towards settlement if measurement is taken before monsoon and after one monsoon respectively.
- e) If final measurement of earth is taken after two successive rainy seasons and after due settlement of earth work, minimum settlement allowance will be deducted on actual observation by the Engineer-in-charge.
- f) Borrowing of approved type of earth and disposal of cutting earth are at the cost and risk of the bidder. The Department is in no way liable for any damages caused to any individual(s) nor shall any extra payment be made to the bidder.
- g) Earth work beyond the required design section will not be paid.

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- h) Earth available from cutting sections should be utilized in filling sections.
- i) The earthwork includes all leads, lifts & delfts including conveyance by all means i.e. by manual, mechanical or both.
- j) Regular reliable borrow pits witness are essential for maintenance for which the bidder shall be responsible. If he fails to make or maintain borrow pits and witness in the reliable manner to the satisfaction of the Engineer-in-charge, the later may at his option re-ensure the cubic contents of earth on embankment and deduct from the bill of the bidder such percentage which may be judged towards shrinkage settlements and also be in such adjustment as he thinks fit considering all leads and payment be made in the event of entertained by the Department on the curtailment of earth work extra leads and lifts.
59. Specification for Breach Closing works in River Embankments:  
Before breach closing, the scour pocket filled with water should be dewatered and dried. The seat of the embankment should be ploughed 8" deep before earth is put in for which no extra payment will be made.
60. a) The rates quoted by the contractor shall be deemed to be exclusive of GST on all the materials that he will have to purchase for performance of this contract.  
b) The rates quoted by the contractor in the tender for works shall exclude GST that may be levied on turnover on works contract according to the Laws and Regulations as applicable from time to time & as amended from time to time of GST Act-2017.  
c) GST TDS on works contract will be deducted at applicable rate from the bill and credited to Govt account.  
d) 1 % (One percent) of the gross amount of the bill will be deducted from the contractors bill towards labour Cess as per Odisha building and other construction workers (RE & CS) rules 2002 and Amendment during 2008 and as amended by Govt. from time to time.  
e) Income Tax at applicable rate shall be deducted at source
61. The contractors are required to pay the Royalty as fixed by Govt. & amended from time to time, on minor minerals, otherwise royalty on such materials will be deducted and credited to Govt. Account

66. **Cement Concrete :**

Concrete work will conform to IS-456-2000. Concrete shall consist of :

**General :**

Concrete shall be composed of cement, sand, coarse aggregate, water admixture (if any) as specified and well mixed in concrete mixture by weight and brought to proper consistency. In case the quantity of concrete involved in work is very small, the Engineer-in-charge may allow volumetric proportioning of concrete mix for the restricted quantity.

**Mixing :**

Concrete shall be mixed in a mechanical mixer with a mixing time not less than 2½ minutes and shall be as dense as possible. Mixing shall be continued until there is a uniform mixing of the materials and the concrete is uniform in colour and consistency. The time of mixing shall conform to table 1 of IS 457-1957.

**Materials :**

a) **Sand (Fine Aggregate)**

Sand to be used in the work shall be natural and free from organic impurities. The maximum size being limit to 4.75 mm. Fineness modules shall be minimum of 2.2 and specific gravity not less than 2.5, bulkgage of wet sand shall be a maximum of 20%.

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b) **Coarse Aggregate**

Maximum size of coarse aggregate shall be 40mm and downgraded to have well graded aggregate. Specific gravity shall not be less than 2.5 in order to have well graded aggregate it shall conform to the following table.

**TABLE**

I.S. Sieve	% Passing for graded aggregates of nominal size			
	40mm	20mm	16mm	12.5mm
40mm	95-100	100	-	-
20mm	30-70	95-100	100	-
16mm	-	90-100	100	-
12.5mm	-	-	-	90-100
10mm	-	-	-	90-100
4.75 mm	10-35	25-55	30-70	40-85
2.36 mm	0-5	0-10	0-10	0-10

c) **Cement**

Ordinary Portland cement shall be used in all cases except in structure in saline locations where Portland slag cement shall be used. Other essential requirement to be fulfilled by chemical analysis.

Quality control organization shall be referred to conduct periodic physical/chemical tests of cements to ensure the quality and such testing charges shall be borne by the bidder.

**Table - A**

Sl. No.	Grade of Concrete	Cement level required with coarse aggregate of maximum size (MSA) 40mm & downgraded	20mm & down graded
1	M-10	207 Kg/M <sub>3</sub>	221 Kg/M <sub>3</sub>
2	M-15	259 Kg/M <sub>3</sub>	228 Kg/M <sub>3</sub>
3	M-20	329 Kg/M <sub>3</sub>	366 Kg/M <sub>3</sub>

Actual cement level required for the aggregates to be used shall be determined by laboratory test. The mix shall be designed to produce the grade of concrete having to required workability and characteristic strength as stipulated in the following table.

**Table - B**

Sl. No.	Grade of Concrete	Compressive test strength in N/mm <sub>2</sub> on 150 mm cube conducted in accordance with IS 456-2000 Minimum at 7 days	Minimum 28 days
1	M-10	7	10
2	M-15	10	15
3	M-20	13.5	20

**N.B.:-** In case of actual cement use being less than the cement level specified in Table-A, the Department shall deduct the cost of cement from the bill of the bidder at the prevailing predetermined price of cement for short consumption of cement. In case, of actual cement used being more than that specified in Table-A, the bidder shall be paid for extra cement used at the predetermined price of cement. Design mix and actual cement level required shall be communicated to the bidder from the to time in writing by the Engineer-in-charge.

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67. All reinforcement cement concrete work shall conform to Orissa Detailed Standard Specification, I.R.C. and I.S.I. Code and should proof 1:2:4 with 6 mm to 18 mm size hard broken granite chips (18mm size not exceeding to 212%)

68. Shuttering and centering shall be with seasoned non-sal wood, the inside of which should be lined with suitable sheeting and be made leak-proof and watertight or alternative steel shuttering and centering shall be preferred.

69. Cement concrete in roof slab beams and wherever prescribed by the Engineer-in-charge will be machine mixed and the bidder should arrange his own concrete mixture, vibrator, pumps etc. for which no extra payment shall be made.

70. All the quantities mentioned in the schedule are combined for ground and multi storied floors in case of multi-storied building, the rates should be through for the same.

71. The exposed surface of all the reinforced cement concrete works should be made smooth and no extra charges for plastering if required to any R.C.C. structures like columns, chajjas, deck slabs, walls or R.C.C. works will be paid for the purpose.

72. The depth of foundation indicated in the drawing are provisional but these may be altered if considered necessary in the light of the nature of soil assessed by boring which must be taken in advance of the actual execution to the instructions.

73. The thickness of cement concrete in top plugging should be as per the department drawing.

74. Concrete of strength below 812% of the required strength (as determined by actual test) shall not be accepted.

75. Materials for lining work should be used in the work only after obtaining approval of the Engineer-in-charge.

76. Cement shall be used by bags and weight of a bag of cement being taken as 50kg or weight of one cubic meter of cement be taken as 14.42 quintals.

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

**78. Curing :**

Curing of all cement works will be done by the bidder as per the instruction of the Engineer in-charge, at his own cost.

79. The Department shall have the right to inspect the scaffolding and centering made for the work and reject partly or fully such structures if found defective.

80. In the event of any work tendered for under 'Food for work Programme' the payment shall be made in terms of CASH AND / OR GRAIN in accordance with Deptt. Of Water Resources Circular No. F.C.III-3/2001 / 22859 Dt. 19.6.2001 read with DOWR resolution No. F.C. III-59-2003/27799 dt. 11.8.03 and further modifications if any. In the works covered under Food For Work Programme the bidder shall have to maintain Muster Rolls in support of Payment of Wages in shape of food grain to the labourers engaged in the work. After issue of food grains by the Department will be the bidders' exclusive responsibility for transportation, safe custody and upkeepment till the food grains are provided to the labourers engaged in the bonafide Government work against proper acknowledgement in Muster Rolls. The bidder shall have to bear all such incidental charges such as transportation, storage, handling etc. and cost of empty gunny bags @ Rs.3.50 /- per bag. The rates quoted for the work are to be inclusive of all such charges. A Proforma of undertaking is appended to the Agreement vide ANNEXURE 'B'.

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81. The length and section of reinforcement after it is put in position as per design will be measured for the purpose of payment including weight of binding wire
82. Concrete should be vibrated with skin vibrator and pan vibrator. If available, the Department will supply these vibrators on payment of usual hire charges.
83. It must definitely understood that the Department shall not accept any responsibility for the correctness and completeness of the trial borings shown in the cross section.
84. The bidder should employ enough technically skilled persons including qualified Engineer at his own cost and risk for supervision of the work.
85. Grubbing out roots and clearing shrub jungles, if any, will be done by the bidder for which no extra payment will be made.
86. The bidder is entitled to be paid only at the rates quoted by him for execution of the item of work. If the bidder is required to pay for any ancillary work for completion of the item of work conforming to the contract specification it will be constructed as his exclusive responsibility for specific performance of the contract and nothing extra over and above the agreement rates will be paid.
87. The bidder shall engage local labourers on priority basis during execution of work.
88. No claim whatsoever will be entertained for any damage caused to work during supply of water in Canal.
89. The bidder has to make good damages caused to canal banks for carriage of materials at his own cost.
90. Any damage or loss of the materials during carriage and the cost thereof are to be borne by the bidder.
91. All fittings for doors and windows if supplied by the bidder should be of best quality and should be got approved by the Engineer-in-charge before they are used in the work.
92. No claim will be entertained in respect of difficulties due to sand blowing met with during sinking of wells.
93. No part of the bearing for the superstructure shall be allowed to rest on the noses of the piers.
94. The use of mild steel roller and pins be permitted provided these are made either of gauge-III or IV steel in accordance with I.R.C. specification. M.S. roller and pins of forge metal alternatively be turned from Railway carriage and wagon axles (these may be designed according to the formula)  $P=D/32$  where 'P' is the permissible load in tones per inch length of roller and 'D' is the diameter of the roller in inches.
95. Locks and groves shall be provided in the bearings so as prevent them from getting out of the alignment.
96. For proper maintenance of metallic bearings suitably designed boxes having necessary grease for lubrication and permitting easy access the bearings shall be provided to prevent dust or other foreign materials getting into the bearings.
97. Sliding plate bearing shall normally be form any one metal and combination of plates of different metals which are likely to result in action shall not be permitted. Copper plate pressed in between steel plates will not be allowed.

Signature of Contractor

Block Development Officer,  
Khunta

**98. ADDITIONAL CLAUSE TO BE INCLUDED IN THE FAIR WAGE (SAID CLAUSE 34 OF CONDITIONS OF CONTRACT) INTRODUCED IN G.O 44 VIIS. 13/62 DATED 20.2.1995.**

1 a) Under the provision of the Minimum Wages Act, 1948 and the Minimum Wages (Central) Rules 1950, the Contractor is bound to allow or cause to be allowed to the labourer directly or indirectly employed on the works one day rest for six days of continuous work and pay wages at the same rates as for duty in the event of default, the Block Development Officer concerned shall have the right to deduct the sums not paid on account of wages for weekly holidays to any labour and pay the same to the persons entitled thereto from any money due to the Contractor.

b) The contractor shall at his own expense provide or arrange for the provision of foot wear for any labourer doing cement mixing work and black topping of roads. The contractor has undertaken to so. Government shall be entitled to provide the same and recover the cost from the Contractor.

**2. Pay**

**(i) in case of delivery:**

Leave pay during maternity leave will be at the rate of the worker's average daily earnings calculated on the total wages earned on the days the full time work was done during a period of three months immediately preceding the date on which the given notice that she expects to be confined or at the rate of twelve annas a day whichever is greater

**(ii) In case of miscarriage:**

Leave pay at the rate of average daily earning calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date of such miscarriage.

**(iii) Conditions for the grant of maternity:**

Maternity leave benefit shall be admissible to women unless she has been employed for a total period not less than 6 months immediately preceding the date on which she proceeds on leave

This will apply only to work places which may continue a year or more

**99. Inspection and Quality Control Tests.**

Except as otherwise provided in hereof all materials and workmanship, if not otherwise designated by the specifications, shall be subject to inspections, examination and quality control test by the Engineer-in-charge at any and all times during manufacture and/ or constructions and at any / all places where such manufacture or constructions are carried on. The Engineer-in-charge shall have the right to reject defective material and workmanship or require its corrections. Rejected workmanship shall be satisfactorily replaced with proper material without charge thereof and the Contractor shall properly segregate and remove the rejected material from the premises. If the Contractor fails to proceed at once with the replacement of the rejected material and/or the construction of defective workmanship, the Engineer-in-charge may replace such material and / or correct such workmanship and charge the cost thereof to the Contractor.

100. Substantial still photographs and / or Video recording be done by the bidder at his own cost prior to execution, during execution, and after completion of the work as per the direction of the Engineer-in-charge and the C.Ds./print outs thereof should be accompanied by the R/A bills and Final bill.

101. Compensation on account of idle labour and / or idle machinery for any reason whatsoever shall not be allowed but extension of time shall be considered if the hindrance is not attributable to the bidder.

Signature of Contractor

Block Development Officer,

Khunta

102. In the event of non-achievement of proportionate progress conforming to works Department Circular No. 24716 dt. 24.12.2005 incorporated in clause 51 of DTCN instant / appropriate action shall be initiated against the bidder for recession of the contract under Clause 2(b) of the F2 agreement on payment liability of the admissible amount from him.

103. Bidders are also required to go through each clause of PWD Form F2 Agreement carefully in addition to the clauses mentioned herein before bidding. The clauses contained in the DTCN form part and parcel of the Agreement and also binding upon the bidder.

**FORCE MAJEURE**

104. Should failure in performance of any part of this deed/ subsequent agreement arises from war, insurrection, restraint imposed by Government, Act of Legislature of other authority, stoppage of hindrance in the supply of raw materials, or fuel, explosion, accident, strike, riot, lock-out or other disorganization of labour or transport, break down of machine, flood, fire, act of God, or any inevitable or unforeseen event beyond human control directly or indirectly interfering with the supply of stores or from any cause which may be a reasonable ground for an extension of time, the competent authority will allow such additional time as he considers to be justified in the circumstances of the case. No compensation will be payable to the bidder for any loss incurred by him due to these reasons.

105. The royalty of materials will be recovered from the work bills as detailed herein below in case of failure of production of proper money receipt from Revenue Department. The rates have been extracted from Orissa Minor Minerals Concession Rules 2004. Any amendment / modification on the following rates shall prevail.

MATERIALS	RATE (In Rupees)	UNIT
1. Sand filling	35.00	Each Cum
2. Hard fine	35.00	Each Cum
3. Hard granite metal I.R.C. Gr. II	130.00	Each Cum
4. Hard granite metal I.R.C. Gr. III	130.00	Each Cum
5. Hard stone metal	130.00	Each Cum
6. Hard stone boulder	130.00	Each Cum
7. Hard granite boulder	130.00	Each Cum
8. Moorum	35.00	Each Cum
9. Hard granite chips	130.00	Each Cum

106. The authority competent to accept the bid reserves the right of accepting the bid for the whole work for a distinct part of it or distributing the work between one more bidders.

107. For the purpose of jurisdiction in the event of any dispute the contract would be deemed to have been entered into within the State of Orissa 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 Orissa.

Signature of Contractor

Block Development Officer,  
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108. The Department reserves the right to verify all statements/credentials furnished along with the bid and to inspect the bidder's establishment/workshop so as to evaluate the bidder's capacity to execute the work and also reserves the right to defer/reject/accept any or all the Bids without assigning any reason whatsoever. The Department shall in no way be held liable for such action nor will make any obligation to inform the bidder the ground for the same.

**109. IMPLEMENTATION OF THE BUILDING AND OTHER CONSTN. WORKERS (R.E. & CS) ACT 1996 AND THE BUILDING AND OTHER CONSTN. WORKERS WELAFARE CESS ACT 1996.**

- a) The Government of India in the Ministry of Labour & Employment has enacted the building and other constn. Workers (Regulation of Employment and Conditions of Service) Act, 1996 with the objective of regulating the Employment and Conditions of Service of the Building and other constn. Workers and to provide their safety, health and welfare measures. The Government of Orissa with a view to enforce the provisions of the Building and Other constn. Workers (Regulation of Employment and Conditions of Service) Act, 1996 have formulated rules namely the Orissa Building and other Constn. Workers (Regulation of Employment and conditions of service) Rules 2002 and this has been published in the Orissa Gazette vide Government Notification No. 9174-LE dt. 02.08.2002.
- b) In accordance with the provision under section 3(1) of the Building and other construction workers welfare cess Act, 1996, the State Government have been pleased to order for collection of cess @ 1% of the cost of construction incurred by and employer & builder which shall exclude the cost of land and any other compensation paid or payable to a worker or his kin under the workman compensation Act 1923.
- c) In the light the decision taken by the Government to enforce the provision of the building and other constn. workers welfare cess 1996 it is ordered that :-

All Government Departments, Public sector undertakings and other Government Departmental agencies/bodies carrying out any buildings or other construction works which are covered under section 2(1)(d) of the Building and other construction workers (RE & CS) Act, 1996 shall pay 1% of the amount of the cost approved as per the tender notification. This amount will be deducted from the bill at the time of marking payment to the contractors and such amount shall be remitted by way of account payee cheque in favour of the Orissa Building and other construction workers Welfare Board within 30 days making payment along with a forwarding letter addressed to the Secetary-cumChief Executive Officer, the Orissa Building and other Construction workers Welfare Board, Office of the Labour Commissioner, Orissa, Bhubaneswar.

**110. QUALITY CONTROL AND MONITORING UNDER DOWR.**

The quality Control, Monitoring & Assessment works shall be carried out in accordance with the guidelines contained in the codes and publications of the B.I.S. (Appended) on different subjects read with relevant provisions of any technical manual issued by the department from time to time on the subject of standards and quality of different items of work. The Quality Control and Monitoring Organisations in DOWR is proposed to be a 2 tier one as described below.

Signature of Contractor

Block Development Officer,  
Khunta.

Quality Control, Monitoring and Assurance by Implementing Agency(IA) & Project Implementing Unit (PIU)

I.A. is the contractor executing the work.

PIU covers the field Executive Engineer, E.E. Quality Control Division of the Project, CRO, Quality Control Division for territorial field works.

**II. State Quality Monitoring cell (SQMC)**

Engineer-in-Chief, (P & D) shall be the Chairman of SQMC. The following may be the member of the Cell.

- i) C.E. Designs & Research (to be renamed as C.E. Designs, Research & Quality Control- Member
- ii) C.E., Minor Irrigation - Member
- iii) Director, Research (to be renamed as Director, Research & Quality Control-Nodal Officer)

SQMC with the help of experts from the following fields will go ahead with the mission.

- a) Retired Engineers of the State Government
- b) Retired Experts from Govt. Engineering Colleges.

A panel of experts is to be formed and approved by the Government. Their service will be utilized as and when required on day-to-day basis by the Director, Research and Quality Control the nodal officer of the Cell.

**I. a. Quality Control & Assurance by the Implementing Agency (Contractor)**

It shall be the prime responsibility of the implementing Agency (the contractor) to ensure the quality of the materials to be used, quality of works to be executed as well as the quality of the finished products as per the specification.

The I.A. (for works costing Rs. 10.00 lakhs and above shall set up a field QC laboratory and appoint qualified personnel for testing of samples.

The I.A. will be responsible for safety in construction, which includes watching lightning insurance, health and environmental protection.

The I.A. shall produce test results/test certificate of the materials used in the works and test results of concrete and of the finished products as specified. The test results/certificates are to be scrutinized by the E.E. before clearing the bills.

The I.A. shall take up the quality control tests i.e. tests for fine aggregate/course aggregate etc. in the approved laboratory of his own cost & produce the test results.

In case of any doubt or in absence of the test certificate for the quality of materials, the Engineer-in-charge of the work may take up the test at Laboratories of either Central Govt./State Govt./PSUs/Govt. Institutes or priGStE firms located nearby. The priGStE Firms are to be approved by the Government for various works. The expense of tests is to be borne by the I.A.

The work bills may be passed and paid if the quality criteria are fully satisfied.

Signature of Contractor

Block Development Officer,  
Khunta.

ANNEXURE - 'A'

DESCRIPTION OF WORK PUT TO BID

Amount in Rupees.

Sl. No.	Name of the Work	Value of work.	EMD	Cost of bid document	Period of Completion	Class of bidder entitled for the bid
1	2	3	4	5	6	7

Signature of Contractor

ANNEXURE - 'B'

**Undertaking to pay minimum wages to the labourers.**

**(Refer clause 45 read with clause 87 of DTCN.)**

I undertake to pay minimum wages per day as admissible to the labourers engaged by me. In case the Block Development Officer is satisfied that the minimum wages conforming to the Minimum Wages Act have not been paid, the differential amount, of which the decision of the Block Development Officer shall be final, conclusive and binding upon me, shall also become deductible from the bill(s) that has / have become due or may become due to me, for payment to the labourers who were under paid, in such manner as the B D O may deem proper. The disbursement of minimum wages to the labourers means and includes the payment in shape of Cash / Food grain or both on proper acknowledgement in the Muster Rolls maintained by me. I further undertake to be accountable to the Department in accordance with the text of Clause 87 of DTCN in the event of works taken up under food for Programme work.

**Signature of the Bidder**

ANNEXURE - 'D'

**Certificate of No relationship as per Clause 60 of DTCN.**

I/we do hereby certify that I/We am / are not related to any officer of Block Office of the rank of Asst. Engineer and above. I/We am/are aware that if facts subsequently proved to be false my/our contract will be rescinded with forfeiture of EMD & Security Deposit and I/We shall be liable to make good the loss or damages resulting from such cancellation.

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

**Signature of the Bidder**

## INSTRUCTIONS TO BIDDER

1. Only "percentage quoted bid" of the bidder shall be considered.
2. Percentage quoted by the bidder shall be accurately filled in words and figure.
3. If any discrepancy is found between words and figure, rate quoted in words shall be taken as correct.
4. If any discrepancy is found in the percentage quoted in "percentage excess or less" and "Total amount quoted by the bidder" than the percentage shall be taken as accordingly the bid price shall be corrected which would be binding upon the bidder.
5. If the bidder quoted the percentage without mentioning excess or less and not supported with corresponding amount will be treated as excess.
6. The bidder shall write the percentage in excess or less up to two decimal point only. If the bidder writes the percentage up to three or more decimal point 1st two decimal points shall only be considered without rounding off.
7. Where is the bidder omitted to quote the percentage either in words or figure the officer opening the bid should record the omission and the bid will be rejected.

(For Office use only.)

Number of over writings :

Number of corrections :

Number of omissions :

DEMAND DRAFT

TOWARDS

COST OF

TENDER PAPER

EMD

GST

PAN CARD

NRC

Affidavit

Labour License

Sold on Payment of Rs.....Rupees..... only in  
shape of Cash towards cost of tender paper vide M/R No.....Dt.....

Block Development Officer  
khunta