



TENDER DOCUMENT

State :- Odisha
District :- Bhadrak
Block :- Bonth
Location :- Bonth .

**NAME OF THE THE PROJECT:- "CONSTRUCTION OF LABOUR ROOM (EXTENSION)
AT - PHC (N), BONTH " BONTH G.P.**

Tender Value: - Rs 22, 08,704.00
(Rupees Twenty two lakh eight thousand seven hundred four) only

**DETAILED TENDER CALL NOTICE TO F-2 CONTRACT
TO BE ACCOMPANIED WITH THE TENDER**

Name of the Work: -“ Construction of labour room (Extension) at -PHC(N) , Bonth ” of Bonth G.P. ,
Bonth Block Tender value = Rs 22,08,704.00 (Rupees Twenty two lakh eight thousand seven hundred
four) only.

DETAILED OF SALE OF TENDER DOCUMENTS

1. Name of Contractor
2. Class of Contractor, C Class
3. Validity of Registration
Of License.
4. Address in Full
At :

Po :

Dist :
5. Payment of Cost of Tender Paper: Rs 6000.00
(In shape of Demand Draft in favor of BDO Bonth)
6. Money Receipt No.
7. Date of Sale

The Tender document contains total 12 sheets & out of 12 sheets 3 sheets of schedule for work and 9 sheets of detailed Tender Call notice and special conditions.

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23.09.21
**Block Development Officer
Bonth**

GOVT. OF ODISHA
Office of the Panchayat Samiti, Bonth
Dist: Bhadrak
Detail Tender Call Notice

1. Sealed tender is prescribed form to be eventually drawn in PWD F2 contract form will be received in the office of the panchayat samiti , Bonth to be dropped in the sealed Tender box or by registered post only on 27-09-2021 to 16-10-2021 up to 3.30 pm from the eligible contractors of state govt./central govt. and registered block contractors. The tender will be opened by BDO on 16-10-2021 at 3.30 pm on in the presence of the tender or their authorized agents at Panchayat Samiti meeting hall. The registered tender should be sealed and writing on the body of the cover "Tender" which should be received in due schedule date & time. The authority will not responsible for postal delay receipt of registered tender.
2. The estimated cost of the work tendered for is Rs. 22,08,704.00
3. The prescribed tender form along with other documents can be obtained from the Office of the Panchayat Samiti , Bonth on payment of Rs.6000.00 (Rupees six thousand) only non-refundable in shape of D.D. payable at any Nationalize bank in favour of B.D.O. Bonth from dt27.09.21 to dt16.10.2021 from 10.30 am to 3.30 pm & 10.30 am to 3.00 pm on 16.10.21 only i.e. last date .The tender must be submitted in sealed covers and the name of work and name of tenders should be subscribed on the cover.
4. There is no need for deposit of earnest money but BID security declaration should be furnished by the bidders as mentioned in DTCN.
5. This tender is an items basis and only tender with sound financial back ground capable of investing required amount for advances procurement of all materials required for the work need apply. Block shall not supply any materials at all for the work.
6. The work to be completed within 180 days including holidays from the date of issue of work order.

7. This detailed tender call notice along with clauses mentioned herein form a part of the contract and agreement.
8. Authority reserves the right to reject any or all the tender with out assigning any reason .
9. No tender document will be sold to the intending tender beyond the date and time of sale mentioned in the tender notice.
10. No tender will be permitted to furnish their tender in their own name script paper. No letter should accompany with the tender.
11. Each tender should furnish valid I.T.C.C., G.S.T. Registration and L.R.C along with tender failing which the tender is liable for rejection.
12. All tenders received shall remain valid for a period of 90 days from the last date prescribed for receipt of tenders.
13. The earnest money of the unsuccessful tenders will be refunded on application after the tender is finally decided.
14. Taxes, fee, Octri, Royalty etc. payable under the standing rules including state sales tax, income tax will be paid by the contractor.
15. The tenders shall carefully study the drawing and specification applicable to the contract and all the document will form a part of the agreement to be entered into by the selected tender.
16. Every tender should evaluate appropriate rates after inspecting the site of the proposed work assessing the local conditions, inspecting the quarries and satisfy about the rates, royalty, cess and other taxes and quality and availability of materials. In every case the materials must comply with the relevant specification. Complaints at a future date that the rates and availability of materials at quarries have been misjudged cannot be entertained.
17. On no account the contractor's work should be sublet to any being without prior approval of competent authority and as extent the contract may be Rescinded under clause 19 of the F2 contact.
18. The right is reserved to make such increase or decrease in the quantities or items of work mentioned in the schedule attached to the tender notice as may be considered necessary for satisfactory completion of

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contact work and such increase or decrease shall not be entitled to any compensation on this account except extension of time where considered necessary.

19. The tendered whose tender is accepted shall forthwith upon written intimation being given to him of acceptance of his tender made for initial security deposit as will be intimated within seven days of such intimation and sign the agreement in P.W.D. Form No.F2 (Schedule XLV No. 61) for fulfillment of the contract in the office of the Panchayat Samiti. The security deposit together with the earnest money should be taken as initial security deposit for the fulfillment of the security money.
20. tenders are required to abide by four clauses as introduced by Govt. of Orissa work department letter No. VII 5225dt. 20.02.55 and No. II, II-5G/61-2B112 (5) dt. 27.09.61.
- 21.(a) other charge of materials, octopi and all other taxes including prevailing sale tax from time to time ferry toils, conveyance charges and other cost on account of land and buildings including temporary building required by the tender for collection of material storage, housing of staff or other purpose of the work are to be borne by the contractor his own cost. No rent will be payable to Govt. for temporary occupation of land owned by Govt. that the site of the work for bona fide use of the land for work and all such construction of temporary nature by the contractor shall be done after obtaining written permission from the Engineer in charge of civil portion of the work and all such construction shall have to be demolished and debris removed and ground made good and cleared after completion of the work at no extra cost.
- (b) Royalty will be recovered from each bill as notified by Govt. from time to time unless k-form are enclosed refund of royalty of later date after pasting of the bills can not be entertained as the recovery of royalty is being credited to revenue.
- (c) Labour camps or huts necessary to a suitable scale including conserving smooth execution of work.
- (d) Arrangement of suitable water supply including pipe water supply where available for the staff and labour as well as for the execution of the work is of the contractor and no extra cost for carriage of water will be entertained.
- (e) All fees and dues levied by municipal canal or water supply authorities are to be borne by the contractor.
- (f) Suitable safety equipments and dresses, gloves life belts etc. for the labour engaged in risky operation are to be supplied by the contractor at his own cost.
- (g) Suitable fencing, barriers, signals including parapets and electric signals where necessary at work and approaches in order to protect the public and employees from accident has to be provided by the contractor his own cost.
- (h) Compensation including cost of any legal suit for injury to persons arising out of execution of the work and also any which may become payable due to operation of the workmen compensation act. Shall have to be borne by the contractor.
- (i) The Contractor has to arrange adequate lighting arrangements for the work wherever necessary at his own cost. S

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22. No payment will be made for layout, bunch mark level,
23. After the work is finished all surplus materials should be removed from the site of work, preliminary work such as vats mixing platforms etc. should be dismantled and all materials removed from the site and premises left and this should be included in the rate.
24. Payment and execution of extra item or quantities of work will be as per clause of the F2 contract.
25. The tenders shall have to abide by the PWD safety code rules introduced by the Govt. of India, ministry of works. Housing & supply in their standing order No. 44255 dated 25.11.57 which can be seen in the office of the undersigned of working days.
26. The contractor should have to furnish a certificate along with the tender to the effect that he is not related to any officer in the rank of on Junior Engineer and above in charge of execution of this work. If the fact subsequently proved to be false, the contract will be rescinded. The earnest money and the total acuity will be forfeited and he shall be liable to make good to the loss or damages resulting from such cancellation.

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

Io = The average whole able price index (all commodities) for the quarter in which the tender was opened published in R.B.I. bulletin from time to time.

I = The average wholesale price index (all commodities) for the under consideration.

Pm = Percentage of materials component as per sub-clause of this clause.

- (b) Similarly, the progress of work, the wage of labour increase or decrease in the average consumer's price index for industrial workers (wholesale price) and the contractor thereupon necessarily and property pays in respect of labour engaged on execution of the work such increased or decreased wages, then the shall be entitled to reimburse of liable to refund, quarterly is the case may be such amount as shall in between the average consumer's price India for industrial workers (Wholesales price) 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.

Formula to calculate increase or decrease in the cost of labour.

$$VI = \frac{0.75 \times PI \times R \times (I - io)}{100 \quad 100}$$

VI = increase in the cost of work during the quarter under consideration due to change in the rate of labour.

R = The value of the work done in rupees during the quarter

Io = The consumer's price index for industrial chapters (whole able price) for the quarter in which tender was opened (as published in S.U.I. bulletin for time to time.

I = Minimum wages as prescribed for the period in respect of which increase or decrease is to be computed.

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 lubricant (Diesel oil being the reprehensive item for price adjustment) increase or decrease as a result of the price fixed therefore by the Government of India and the contractor thereupon necessarily and properly pays such increased or decreased price towards petrol, oil and lubricants used on execution of the 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 the price of P.O.L. which is operating for the quarter under consideration and the operated for the quarter in which the tender was opened as per time formula indicated below.

Formula to calculate the increase or decrease in the price of F.O.L.

$$KI = \frac{0.75 \times K^2}{100} \times R \times \frac{(D^2 - D^1)}{D^1}$$

K^1 = Increase or increase in the cost of work during the quarter under consideration due to changes in the price of .

R = The Value of in rupees during the quarter water consideration.

D^1 = average price per liter

K^2 = as per sub-loons of this

(d) Reimbursement/refund on variation in price of materials, labour, P.O.L. as per sub-clause (a), (b) & (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 of extension thereof due to reasons not attributable to contractor. Reimbursement is admissible only for the per beyond one year from the date of commencement of the work However, where the original contractual period is less the one year but subsequently it was been validly extended an the period becomes one year or more escalation clause shall be applicable only for the balance portion of work to be executed beyond one year provided the delay is not attrib table to the contractor.

(E I) The contractor shall for the clause keep such books of account and other documents as are necessary to show amount of increase claimed or reduction available and shall allow inspection of the competent authority by a duly authorized representative of Government.

The contractor shall within a reasonable time of his becoming alteration in the price of such materials notice thereof to the Engineer in charge stating the same in given pursuant to this condition together with an information relating thereto which he may be in a position to supply.

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Giving a no claim certificate for escalation charges on any account during the extend ring period the contractor forties his right to any escalation charges other wise admissible to appropriate clause of the agree me executed by the contractor with the Government.

- 27 (a) Tenders are required to go through each clause of P.W.D. from F2 carefully in addition to the clause mention therein before tendering.
28. Shuttering & centering shall be with suitable steel shutters and shutters inside of high shall be lined with suitable sheeting and made leak proof and water tight or alternatively. All joints in form work shall be properly sea preferably with joints tapes compounding.
29. From work including complete false work shall be decisive by the contractor without any extra cost to employer and the department will have the right to inspect the scaffolding centering and shuttering made for the work and can rejected partly or fully such structures found defective in their Work.
30. Cement shall be used by bags and weight of one bag of cement should be 50 (fifty) kg. net and the Engineer-in-charge his representatives shall have the right to test the weight and quality from time to time.
31. The tender shall make all arrangement for proper storage of materials but no cost for rising shed for store and pay of watchman etc. will be borne by the Department. The department is not responsible for any theft or loss or materials at site. It is contractors look. Under any such plea, if the tendered stops the work he shall have to pay the full penalty as per relevant clause of the contractor.
32. Approach road to site of work for transport of materials to site of work is sole responsibility of the contractor. Statutory traffic restriction in the town area for transport of construction materials to site of and no consideration for extra time or compensation thereof shall be considered.
33. The rates quoted should be inclusive of carriage of water required in connection with execution of the work.
34. The contractor shall if so required by the Engineer-in-charge employ one or more Engineer Graduate ort Diploma holders as apprentices at his own cost f the work as shown in the tender exceeds Rs. 2,50,000/- The apprentices will be selective by the supt. 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 the paid to the apprentices from date of commencement of work up to completion of work & the amount will be paid from contractor.
35. The contractor will be responsible for any ensure loss or damages due to any reasons what so ever or any departmental materials during the execution of work. In case of loss, damage or misuse, recovery at the rate at 5 times the cost of the materials will be deducted from the bills or his other-dues.

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36. Central and provincial taxes like income tax and sales tax etc, shall be deducted from the bills at the prevailing rates as per the statutory instructions received from time to time.
37. It must be clearly understood that under no circumstances any interest is chargeable for the dues of additional dues if any payable for the work executed and final pending disposal due to any reason whatsoever.
38. The Fly- ash bricks should be good qualities. The bricks should be approved by the Engineer-in-charge before use in the work and should conform to the minimum strength as per I.S. specifications.
39. Standard co-efficient for linear measurement will be adopted while calculating consumption of steel and no claim whatsoever regarding difference in co-efficient of steel will be entertained. The rates quoted shall be inclusive of any eventuality of difference for co-efficient for linear measurement. However quality and the strength of the reinforcement shall be tested.
40. In case of ambiguity between clauses of this D.T.C.N. and the F₂ contract form, the relevant clause of the F₂ contract form shall prevail over the D.T.C.N. The claimant covered F₂ contract form shall be governed by the clause of the D.T.C.N.
41. The tender must be filled up in % basis i.e. either Excess or less. In case of less % the differential value of the tender cost (APS) should be deposited in shape of fixed deposit pledged in favor of B.D.O Bonth during execution of agreement .
42. In case of SC/ST bidders the bidder has to submit the caste certificate & other required Document along with affidavit.

Joint
23.09.21
Block Development Officer
Bonth

Signature of contractor

Date -

Percentage, Bill of Quantity

Inviting Authority :- Block Development Officer, Bonth, Bhadrak.

Name of Work :- Construction of Labour Room (Extension) at PHC(N) Bonth for the
FY 2021-22

| Sl No | Description of Item | No. Or Qty | Unit | Rate | Amount in |
|-------|--|------------|------|----------|-----------|
| | | | | Figure | Rs |
| 1 | Double underreamed pile foundation with RCC M-20 using 12mm size black hard granite (crusher broken) stone chips including cost of boring but excluding cost of MS/TS steel and labour charges for cutting, bending and binding of steel | 18.00 | Nos | 5591.44 | 100645.92 |
| 2 | Earthwork in excavation in all kinds of soil up to depth 1.5mt from G.L. including levelling and dressing the bed with initial lead and lift etc complet as per the direction of Engineer-in-charge. | 4.62 | Cum | 184.59 | 852.81 |
| 3 | Filling in foundation and plinth with sand well watered and rammed as directed by the EIC. | 47.80 | Cum | 720.37 | 34433.69 |
| 4 | Cement concrete (1:4:8) with 4cm size hard granite metal including cost, conveyance, royalty etc complete. | 8.64 | Sqm | 4549.45 | 39307.25 |
| 5 | Fly ash Bricks 25cmx12cmx8cm size having crushing strength not less than 75kg/cm ² with dimensional tolerance + 8% in cement mortar (1:4) in foundation & plinth per 1cum | | | | |
| | Ground Floor | | | | |
| | a) In Foundation & plinth | 4.92 | Cum | 4442.91 | 21859.12 |
| | b) Super Structure | 21.47 | Cum | 4476.24 | 96104.87 |
| | First Floor | | | | |
| | b) Super Structure | 52.47 | Cum | 4735.81 | 248487.95 |
| 6 | RCC M-20 using 20mm & down grade black h.g. c.b. stone chips including cost, conveyance, royalty etc complet. as per EIC. | | | | |
| | Ground Floor | | | | |
| | A) Pile cap | 4.78 | Cum | 5232.04 | 25009.15 |
| | B) Grade beam | 3.17 | Cum | 5593.27 | 17730.67 |
| | C) Column | 3.22 | Cum | 13820.84 | 44503.10 |
| | D) Lintel | 1.57 | Cum | 7731.61 | 12138.63 |
| | E) Chajja | 3.34 | Sqm | 803.11 | 2682.39 |
| | F) Wall beam | 2.91 | Cum | 13820.84 | 40218.64 |
| | G) Roof slab | 5.62 | Cum | 9378.11 | 52704.98 |
| | Ramp | 4.81 | Cum | 10420.15 | 50120.92 |
| | First Floor | | | | |
| | a) Column | 2.96 | Cum | 15651.52 | 46328.50 |
| | b) Lintel | 3.27 | Cum | 8344.44 | 27286.32 |
| | C) Chhaja | 7.80 | Sqm | 903.06 | 7043.87 |
| | d) Wall beam | 3.65 | Cum | 15651.52 | 57128.05 |
| | e) Roof slab | 13.56 | Cum | 10320.24 | 139942.45 |
| 7 | Labour for cutting, bending, shifting to site, tying and placing in position HYSD Bar etc. complete. | | | | |
| | Ground Floor | 36.71 | Qtl | 7484.35 | 274750.49 |
| | First Floor | 23.22 | Qtl | 7507.53 | 174324.85 |
| 8 | 16mm thick cement plaster (1:6) over brick or stone masonry etc complete. | | | | |
| | Ground Floor | 121.24 | Sqm | 198.22 | 24032.19 |
| | First Floor | 227.83 | Sqm | 203.02 | 46254.05 |
| 9 | 12mm thick cement plaster (1:6) for brick work including cost, conveyance, royalty etc complete. | | | | |

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|----|--|--------|-----|---------|----------|
| | Ground Floor | 202.46 | Sqm | 139.61 | 28265.44 |
| | First Floor | 141.73 | Sqm | 145.00 | 20550.85 |
| 10 | 6mm thick cement plaster with c.m (1:4) to ceiling of RCC surface including cost of all materials etc. | | | | |
| | Ground Floor | 34.47 | Sqm | 153.25 | 5282.53 |
| | First Floor | 88.92 | Sqm | 157.00 | 13960.44 |
| 11 | Fixing tiles in floors,treads or steps & landing on 20 mm thick bed of c.m. (1:4) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing & polishing complete excluding cost of precast tiles. | | | | |
| | Vertifide floor tile | 71.65 | Sqm | 819.52 | 58718.61 |
| | Ground Floor | 89.58 | Sqm | 829.13 | 74273.47 |
| | First Floor | | | | |
| 12 | Fixing tiles in dados, skirting and risers of steps on 12mm thickbed of cement mortar(1:3) jointed with neat cement | | | | |
| | Ceramic Tile | 8.42 | Sqm | 696.11 | 5861.25 |
| | Ground Floor | 8.99 | Sqm | 710.58 | 6388.11 |
| | First Floor | | | | |
| 13 | Fixing tiles in floors,treads or steps & landing on 25 mm thick bed of c.m. (1:1) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubbing & polishinf complete excluding cost of precast tiles. | | | | |
| | Chequrred Tile | 45.60 | Sqm | 612.22 | 27917.23 |
| | Ground Floor | | | | |
| 14 | Painting two coats to wall surface with approved Plastic paint over one coat of primer including cost and labour etc. complete. | | | | |
| | Ground Floor | 155.71 | Sqm | 134.49 | 20941.44 |
| | First Floor | 307.76 | Sqm | 136.04 | 41867.67 |
| 15 | Finishing wall with 2 coat of Weather Coat over one coat of Primer etc. complete | | | | |
| | Ground Floor | 202.46 | Sqm | 128.83 | 26082.92 |
| | First Floor | 141.73 | Sqm | 130.37 | 18477.34 |
| 16 | Providing fitting and fixing Al. Door with OEL anodized Al door section of 9202 as vertical member,9201 as top member and 9200 as bottom & middle member with frame section No 9221 and tapered clip No 4660 and the frame to be completed by means of jointing angle No 1855 including all cost of labour T&P,hire charges of drilling machine,labour charges etc including cost of laminated board or Glass. | | | | |
| | Ground Floor | 3.25 | Sqm | 5972.71 | 19411.31 |
| | First Floor | 5.53 | Sqm | 5972.71 | 33029.09 |
| 17 | Supplying fitting and fixing up window(Sliding type) made up alluminium Section 9778 as window frame section No 4095,4096 and 9777,3994 as shutter frame with 5mm thick black glass as pannel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes labour,including cost of Glass etc complete. | | | | |
| | Ground Floor | 5.02 | Sqm | 3455.87 | 17348.47 |
| | First Floor | 11.98 | Sqm | 3455.87 | 41401.32 |
| 18 | Labour for fitting,fixing of grills including cost of fitting,fixing etc. | | | | |
| | Ground Floor | 175.70 | Kgs | 70.00 | 12299.00 |
| | First Floor | 552.50 | Kgs | 70.00 | 38675.00 |
| 19 | Painting 2 coat over one coat of primer(new wood work & steel work) | | | | |

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|-----------------------|---|--------|-----|---------|------------|
| | Ground Floor | 2.51 | Sqm | 186.38 | 467.81 |
| | First Floor | 6.04 | Sqm | 191.22 | 1154.97 |
| 20 | Supplying fitting and fixing of stainless steel of 304 grade in Hand railing using 50mm dia 2mm thick circular pipe with Balustrade of 32 x 32 x 2mm @ 0.90mtr C/C and stainless square pipe bracing of 32 x 32 x 2mm in 3 rows in staircase. | | | | |
| | Ground Floor | 21.95 | Rmt | 3004.00 | 65937.80 |
| 21 | 20mm thick cement plaster with c:m (1:4) including watering and | | | | |
| | First Floor | 108.58 | Sqm | 224.14 | 24337.12 |
| 22 | Providing fitting and fixing G.C.I Sheet in roof drilling hole in wind ties including fixing of ridges wind ties etc. complete | | | | |
| | First Floor | 51.28 | Sqm | 432.21 | 22163.73 |
| | | | | Total | 2208703.78 |
| Twenty two Items Only | | | | Say Rs | 2208704.00 |

Harish
25-09-21
Block Development Officer
Bonth

My /Our quoted Rate in (-/+)% (IN word.....) percent less/Excess/equal as per with the estimate cost put to tender (Strike out which is not applicable) As per C.S.R.

Signature of Contractor