

# GOVERNMENT OF ODISHA



Block Development Officer, Birmaharajpur

## BID DOCUMENT

FOR

TENDER OF BIRMAHARAJPUR BLOCK  
AT/PO – BIRMAHARAJPUR DIST – SUBARNAPUR

NAME OF THE WORK:

Construction of Ground Floor building for 50 bedded Eye wards for patients in Mahanadi Netra Chikischalaya (MNC), Pandapali, Birmaharajpur

**GENERAL CONDITION OF CONTRACT**

1. The eligible contractors registered with State Government and contractors of equivalent Grade/Class registered with Central Government/M.E.S/Railways or other Licensing Authorities for execution of civil works on production of definite proof from the appropriate authority can participate in the BID. The Tender shall be opened at the date and time as indicated in the presence of authorized representatives who may be present at the time of opening of tenders.
2. No tenderers will be permitted to furnish their tender in their own manuscript papers.
3. The tender shall reach the Block Development Officer, Birmaharajpur, through registered post/speed post as per the press notice inviting tender & its subsequent Corrigendum if any. The tender papers shall be duly submitted by the Contractor in a sealed separate cover with (i) Sl. No. of the work (ii) Tender call notice No. and (iii) date of opening of the tender super scribed on the body of the envelope preferably in the RED INK. Each tender should be submitted in separate sealed cover duly posted otherwise it shall be out rightly rejected.
4. This DTCN forms part of the agreement and each page of the DTCN is to be signed by the tender as taken of acceptance of the terms and conditions of the DTCN as enclosed to the tender paper.
5. The tender papers submitted by the tenderers shall accompany with the requisite earnest money as prescribed in The tender call notice in the shape of NSC/Postal time deposit pass Book duly pledge in favour of BDO, Birmaharajpur. or Bank Draft/Bankers Cheque from any Nationalized Bank in favour of BDO, Birmaharajpur. The Engineer contractors, who are exempted from the deposit of EMD should produce necessary certificate in support of exemption of EMD at the time of the time of the opening of tender. The earnest money thus deposited shall be refunded only to un-successful bidders, on receipt of application from the tendered to that effect. The EMD of tenderer accepted or proposed to be accepted shall be retained in the BDO Office till such time after completion of the work as the competent authority of the BDO. Shall deem fit. EMD for bunch of tenders. If submitted, shall in no case be entertained.
6. The last date of selling of tender paper and the last date of receipt of tender paper is as per the press Notice inviting tender & its subsequent Corrigenda if any. The tender papers will be opened at 10.00 A.M. on date of 28.02.2024
7. All tenders received will remain ordinary valid for a period of 90 days from the date of receipt of tenders and the validity of tenders can also be extended if agreed to by the tenderer and the BDO.

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8. Incomplete tenders:

Tenders received in incomplete shape are liable for rejection.

9. No Claim for cancellation of tenders shall be entertained.

10. Progress report

The Contractor shall submit fortnightly progress reports in a format as may be prescribe by the Engineer –in-charge.

11. Site order

A site order book shall be issued to the contractor by the Engineer-in-charge or his representative. The Contractor shall keep this Book always at site and any special order or construction to be issued to the contractor shall be recorded in this book by the Engineer-in-charge or his representative. The Contractor shall sign all orders and instruction as token of his knowledge about the same. The site order Book shall be the property of the BDO but will remain during the period of the progress of the work with contractor. The safe custody of the site order book during this period shall be the responsibility of the Contractor. After completion of the work the book shall be returned back by the Contractor to the Engineer-in-charge which will be enclosed in the final bill.

12. Custody of the material:

The contractor shall take responsibility for safe custody of the materials at site and the BDO will not be responsible for any loss or damage of the property at site.

13. Guarantee/Performance:

The Contractor shall furnish a guarantee to the effect that all items of the work constructed and supplied by him shall be free any defect both in items of material and workmanship for a period of not less than 12 months from the date of the final completion of the work and commissioning. During this period the Contractor shall replace the defective materials if any or rectify the defects, if any at his own cost as would be pointed out by the Engineer-in-charge to the satisfaction of the later.

14. Unilateral stoppage of work.

Unilateral stoppage of work by the Contractor without prior written permission of the Engineer-in-charge shall be considered as a breach of Contract and BDO resumes the right to take such action as it may deem fit.

15. Resident Engineer

The Contractor having "B" Class license & above shall engage for this work competent, qualified and authorized resident Engineers and Assistants to the satisfaction of the Engineering-in-Charge. The Residence Engineer shall represent the contractor in his absence in receiving directions from Engineering-in-Charge of the work or any authority of the Corporation which will be binding on the Contractor.

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16. Damages to persons and property:-

The Contractor shall take every precaution not to damage or injure adjoining or other property of any persons. He shall indemnify and keep indemnified the employee/officers of BDO against all claims for injuries or damage to any person or any such property (including surface or land or crops in site) which may arise out of or in consequence of any negligence or default on the representative and against all claim, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto. The BDO does not take any responsibility on this account.

17. Work not to be subcontracted

The Contractor shall not subcontract the work assigned to him. And if the contractor shall assign or sublet his contract or attempt to do so, the contract shall be rescinded with forfeiting the EMD and penalty will be imposed as may be decided by BDO.

18. Action and compensation payable in case of bad work:-

If it shall appear to the Engineer-in-charge or his subordinate Engineer in charge of the work that any work has been executed with unsound imperfect or unskillful workmanship or with materials of any inferior description ors that any materials or articles provided by him for the execution of the work are unsound or of a quantity inferior to that contracted for or otherwise not in accordance with the contract Or usual practice the contractor the contractor shall on demand in writing from the Engineer-in charge specifying the work materials or articles complained of notwithstanding that the same may have been inadvertently passed certified and paid for forthwith rectify or remove and reconstructed the work so specified in whole or in part as the case may require or the case may be remove the materials or articles so specified and in case of any such failure the EIC or subordinate Engineer may rectify or remove and re-execute the work or remove the replace with others the materials or articles complained of as the case may be at the risk and expense in all respect of the contractor.

19. Engagement of Laborers and age limits etc:-

The Contractor shall not employ for the purpose of this contract any person who is below the age of eighteen years and shall pay to each laborer for the work done by such labour, wages not less than the wages as prescribed by Government of Orissa. The Engineer in charge shall have the right enquire into and decide and complaint alleging that the wages paid by the Contractor to any labour for the work done by such labour is less than the wages prescribed by the Government of Orissa. The Engineer in Charge and / or his subordinate Engineers immediate charge of the work shall have the right to decide whether any labour employed by the contractor is below the age of eighteen year and to refuse to allow any labour whom he decides to be below the age of eighteen years, to be employed by the Contractor shall have to grant a weekly paid holiday to his labour/staff. The Contractor shall have to comply with all labour law and other rules in force while carrying out the work.

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29. Additional performance security shall be obtained from the bidder when the bid amount is less than the estimated cost put to tender. In such an event, the bidders who have quoted less bid price/rates than the estimated cost put to tender, shall have to furnish the exact amount of differential cost i.e. estimated cost put to tender minus the quoted amount as A.P.S. Such A.P.S. shall be submitted along with I.S.D. and before execution of agreement in shape of Bank draft/PTD/PSB account /NSC and duly pledge in favour of BDO, Birmaharajpur. The APS shall be released after the Completion of the work to satisfaction of the authority.
30. The successful tenderer after execution of the agreement and after issuance of the work order shall submit detail programme of work immediately to the concerned Engineer In charge for approval.
31. The successfully tenderer who executes a valid agreement with the BDO shall be called contractor and shall abide by the terms and conditions of the agreement as prescribed from time to time
32. The work will be completed in every respect within the stipulated period of completion as mentioned in the Notice Inviting Tender from the date of commencement of the work to be stipulated in the work order, to be issued by or on behalf of the Block Development Officer, Birmaharajpur. There shall be no extension of contract period except on valid reasons to the satisfaction of the Block Development Officer and the contractor shall submit such request for extension. The BDO may consider such request for extension after taking into the considerations the valid reasons.
33. If the Contractor abandoned or failed to complete/achieve the progress of the work according to the time schedule submitted he shall be liable penalty under relevant clause of OPWD Code.
34. All Cement concrete and bituminous works shall be executed in a mechanical form and the contractor shall use the concrete Vibrator, Pumps, Road roller, Tar boiler, Hot mix plant etc at his own cost for the purpose.
35. The Contractor shall use approved and tested materials as approved by the Engineer in charge according to IRC/PWD specification and the Contractor shall arrange the material slat his own cost and after completion of the work the Contractor shall clear the site along with all equipments at his own cost.
36. Shuttering and centering shall be with Steel Plate or seasoned hardwood planks inside of which shall be lined with suitable sheeting and made leak proof and water tight as approved by the site Engineering-in-Charge.

Contractor

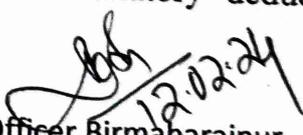
  
12.02.24  
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Birmaharajpur

20. Indemnify the Board under workman's Act & Rules:-

The BDO shall not be held liable to pay any compensation to any workman under Workman's Compensation Act, 1923. The Contractor shall have to pay the entire compensation if decided in any Court of law for any injury /loss to any workman caused during the execution of contract work if by order of any court corporation pays any compensation to honor the award, then the amount shall be recovered from the bill and security of the Contract.

21. No Escalation:-The amount quoted in the price bid shall remain firm until completion of the project.
22. The detailed plan, specification and scope of work if required can be ascertained from the office of the BDO during any working hours on working days prior to the last date of sale of tender papers.
23. The tender will be containing extraneous conditions, not covered by the tender call notice are liable to rejection. Rate quoted should be fairly reasonable. Rates being abnormal, superfluous and unworkable are liable for rejection.
24. No lump sum tender will be entertained. If the tenderer does not quote any rate for any items shown in the bill of Quantity, or % tender the tender will, in no case be considered and shall be rejected.
25. The tenderer shall quote any rate against each item shown in the bill of quantity in words and figures. In case of variation of the rates between words and figures, the rates quoted in word shall be deemed to be the proper quoted rate, for consideration,
26. Over writing, Interpolating, cutting should preferable be initialed by the tenderers to avoid complication. The authority shall take no responsibility, in the matter of complication arising out of cutting, over writing or interpolating. The tenders should be written legibility.
27. The tender, shall accompanied with attested photo copies of valid & up to date ITCC or PAN card /TIN-(STCC). Non submission of any of these documents, the authority shall reserve the right to reject the tender. However, if authority desires the original copies can be asked for verification, before the Consideration for a final checking.  
The selected tenderer shall submit the initial Security Deposit(ISD) within seven days of information. The ISD shall be deposited in shape of NSC, Postal term deposit pass book, Bank Draft/Bankers Cheque, duly pledged in favour of BDO, Birmaharajpur. The selected tenderer shall deposit 2% of the ISD within seven days of intimation after adjusting the EMD amount deposited. In case of non submission of the ISD by the stipulated date the BDO shall have the right to forfeit the EMD and proceed for subsequent steps. The initial Security Deposit together with Earnest money shall be retained by the BDO till completion of defect liability period.
28. The BDO shall deduct the statutory deduction as applicable under the Income Tax Act. 1961, Odisha Goods & Services Tax Act, 2017 and any other statutory deductions applicable.

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37. The site Engineering-in-charge will have the right to inspect the scaffolding, centering and shuttering made for the work and can reject party or fully such structures , if found deceive in their opinion.
38. Thu Contractor shall arrange necessary tools and plant at his own cost required for the efficient execution of work and the rates quoted should be inclusive of the running charges of each plant including cost of transport thereof.
39. All earth work measurement shall be done by section measurement after the earth is consolidated including rolling with hand or power road roller and sheep foot roller at optimum moisture conditions.
40. Payments against Electrification and P.H/Sanitary works will be made only on submission of valid GST bills.
41. No extra payment will be made for the jungle clearance for taking earth from the borrow areas.
42. After the work is finished all surplus materials should be removed from the site of work. Preliminary work such as vats, mixing platform etc. should be dismantled and all materials removed from the site and premises left neat and clean and this should be inclusive of the rates.
43. No payment shall be made for bench marks, level pillars, profiles and benching and leveling the ground where required. The rates to be quoted should be for finished items of work inclusive of carriage of all materials and incidental items of works.
44. No Claim shall be entertained in regards to extra item of works or extra quantity of any items besides estimated amount unless specific written order is issued from the BDO.
45. The tenders shall have to abide by the O.P.W.D safety code rules.
46. The rate quoted by the Contractor shall cover the latest approved rates of labors, materials POL and royalties. Arrangement of borrow areas; land approach road to the bridge site etc. are responsibility of contractor.
47.
  - a) Suitable fencing barriers, signals including paraffin and electric signals where necessary at works and approaches are to be put by the Contractor at his own cost in order to protect the public and employee from accidents.
  - b) Compensation including cost of any suit for injury to persons or property due to neglect of any measure/  
Precautions that become payable due to operation of the workmen compensation act are to be borne by the contractor.
  - c) The Contractor has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.
  - d) C.C & R.C. C items are to be sufficiently cured with Gunny bags, if necessary.

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48. Tenderers are required to abide by the fair wages clause as introduced by Govt. of Orissa, Works Department letter No. VIII R-8/5225 dt. 26.2.1955 and No. II M 56/6 28842(5) dt.27.9.1961 as amended from time to time.
49. In case of any complaint by the labour working about the nonpayment or less payment of his wages as per latest minimum wages act the BDO, Birmaharajpur will have the right to investigate and if the Contractor is found to be in default, he may recover such amount due from the Contractor and pay such amount to the labour directly under intimation to the local labour Officer of the Govt. The decision of the BDO, Birmaharajpur is final and binding on the Contractor.
50. If the rate quoted by the bidder is more less than (14.99% Less) of the tendered amount, then such a bid shall be rejected and the tender shall be finalized basing on merits of rest bids. But if more than one bid is quoted at 14.99%(Decimals upto two numbers will be taken for all practical purposes) less than the estimated cost, the tendered accepting authorities will finalize the tender through a transparent lottery system where all bidders/authorized representatives, the Concerned Block Development Officer and the tender committee will remain present.
51. That for the purpose of jurisdiction in the event of any dispute, it shall be at Birmaharajpur/Sonepur.
52. The Authority reserves the right to reject any or all tenders without assigning any reason thereof.

(Total fifty two clauses only)

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Birmaharajpur

## CHECK LIST OF DOCUMENTS

Sl. No.	Name of the Document Deposited with the Tender Paper	State (Yes/No)
1	Money Receipt of Tender Paper Cost	
2	Copy of Valid Contractor Registration Certificate	
3	Copy of GST Registration Certificate / GSTIN No.	
4	Copy of Pan Card	
5	Bidder Contact Address (Full address in a separate page)	
6.	Affidavit	
7.	No. Relation Certificate	
8	Required Bid Security/EMD	

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**(Note : The tender bid will be rejected on absence of any of the above mentioned documents)**

BILL OF QUANTITY

**Name of the work:-Construction of fifty bedded inpatints ward at Mahanadi Netra Chikitsalaya,Birmaharajpur**  
**Head of Account:- W.O.D.C. and M.N.C. in PPP Mode**

DESCRIPTION	GROUND FLOOR	QUANTITY	UNIT	RATE	AMOUNT
1 Excavation of foundation trench in hard soil including dressing of sides and levelling of bed etc. complete.		134.26	m <sup>3</sup>	₹ 206.77	₹ 27,761.00
2 Filling sand in foundation and plinth well watered and rammed including cost, conveyance and royalty etc. complete.		339.58	m <sup>3</sup>	₹ 590.87	₹ 2,00,648.00
3 Cement concrete (1:3:6) using 40mm size h.g. metal including cost,conveyance and royalty etc. complete.		38.39	m <sup>3</sup>	₹ 5,409.39	₹ 2,07,666.00
4 Cement concrete (1:2:4) using 40mm size h.g. metal including cost,conveyance and royalty etc. complete.		0.84	m <sup>3</sup>	₹ 6,761.58	₹ 5,680.00
5 R.C.C. work of M-20 grade with 20mm and down grade black hard granite(crusher broken) stone chips including hoisting and laying including cost,conveyance and royalty of all materials etc. complete.		87.81	m <sup>3</sup>	₹ 5,779.58	₹ 5,07,505.00
6 Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.		86.35	q	₹ 8,575.14	₹ 7,40,463.00
7 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor- roof slab and chajja		314.31	m <sup>2</sup>	₹ 671.57	₹ 2,11,081.00
8 Rigid and smooth ceaantering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor- R.C.C. stairs including landing but including railing		14	m <sup>2</sup>	₹ 893.61	₹ 12,511.00
9 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor-footings and plinth bend		46.8	m <sup>2</sup>	₹ 239.25	₹ 11,197.00
10 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor- beams and columns		137.26	m <sup>2</sup>	₹ 1,010.99	₹ 1,38,768.00
11 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materialscomplete in ground floor- lintel		62.28	m <sup>2</sup>	₹ 526.48	₹ 32,789.00
12 Brick work with fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ± 8 percent cement mortar (1:6) in foundation & plinth		51.15	m <sup>3</sup>	₹ 4,922.00	₹ 2,51,760.00
13 Brick work with fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ± 8 percent cement mortar (1:6) in super structure		74.92	m <sup>3</sup>	₹ 4,960.34	₹ 3,71,629.00

BILL OF QUANTITY

DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
14 Fixing ceramic tiles in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1cement : 1sand) jointed with neat cement slurry mixed with pigment to match the shades of the tiles including cost of precast tiles	41.6	m <sup>2</sup>	₹ 888.50	₹ 36,962.00
15 Fixing tiles in dados skirting and risers of stepson 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.	161.85	m <sup>2</sup>	₹ 888.35	₹ 1,43,779.00
16 1 coat of priming over new M.S. doors and windows including, T & P and labour charges etc. complete.	10.8	m <sup>2</sup>	₹ 58.84	₹ 635.00
17 2 coats of painting over new M.S. doors and windows including 1 coat of priming, T & P and labour charges etc. complete.	10.8	m <sup>2</sup>	₹ 154.54	₹ 1,669.00
18 Wall painting 2 coats with weather coat (I.S.I.) of approved shade on new work to give an even shade including cost of paint.	188.59	m <sup>2</sup>	₹ 85.02	₹ 16,034.00
19 Wall painting 2 coats with plastic emulsion paintt (I.S.I.) of approved shade on new work to give an even shade including cost of paint.	446.71	m <sup>2</sup>	₹ 92.94	₹ 41,517.00
20 12mm thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	395.07	m <sup>2</sup>	₹ 148.56	₹ 58,692.00
21 6mm, thick cement mortar plaster (1:4) on R.C.C. works including closely deep chipping and slurry treatment plaster including cost, conveyance and royalty etc. complete.	281.24	m <sup>2</sup>	₹ 165.33	₹ 46,497.00
22 16mm, thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	367.5	m <sup>2</sup>	₹ 212.72	₹ 78,175.00
23 16mm, thick cement mortar plaster (1:6) on brick masonry walls including cement punning cost, conveyance and royalty etc. complete.	19.64	m <sup>2</sup>	₹ 228.85	₹ 4,495.00
24 Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make with application of cement mortar bed of required thickness and filling joints with white cement of approved quality including cost of all materials, labour T&P etc required for the work.	216.57	m <sup>2</sup>	₹ 1,122.67	₹ 2,43,137.00
25 Finishing wall surface of walls with cement based wall putty (Water based ) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	446.71	m <sup>2</sup>	₹ 76.19	₹ 34,035.00
26 Priming 1 coat with any approved Primer on newly plastered wall surface	635.3		₹ 64.26	₹ 40,824.00
<b>FIRST FLOOR</b>				
27 R.C.C. work of M-20 grade with 20mm and down grade black hard granite(crusher broken) stone chips including hoisting and laying including cost, conveyance and royalty of all materials etc. complete.	57.91	m <sup>3</sup>	₹ 5,871.15	₹ 3,39,998.00

BILL OF QUANTITY

DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
28 Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.	57.61	q	₹ 8,600.80	₹ 4,95,492.00
29 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in first floor- roof slab and chajja	307.43	m <sup>2</sup>	₹ 805.88	₹ 2,47,752.00
30 Rigid and smooth ceantering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in first floor- R.C.C. stairs including landing but including railing	14	m <sup>2</sup>	₹ 1,072.33	₹ 15,013.00
31 Rigid and smooth ceantering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in first floor- R.C.C. stairs including landing but including railing	46.8	m <sup>2</sup>	₹ 239.25	₹ 11,197.00
32 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in first floor- beams and columns	108.03	m <sup>2</sup>	₹ 1,213.19	₹ 1,31,061.00
33 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in first floor- lintel	62.28	m <sup>2</sup>	₹ 631.79	₹ 39,348.00
34 Brick work with fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ± 8 percent cement mortar (1:6) in super structure	74.92	m <sup>3</sup>	₹ 5,253.78	₹ 3,93,613.00
35 Fixing ceramic tiles in floors treads or steps and landing on 25mm thick bed of cement mortar 1:1 (1cement : 1sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost of precast tiles	41.6	m <sup>2</sup>	₹ 899.04	₹ 37,400.00
36 Fixing tiles in dados skirting and risers of stepson 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including rubbing and polishing complete including cost of precast tiles.	161.85	m <sup>2</sup>	₹ 904.19	₹ 1,46,343.00
37 1 coat of priming over new M.S. doors and windows , T & P and labour charges etc. complete.	10.8	m <sup>2</sup>	₹ 60.42	₹ 653.00
38 2 coats of painting over new M.S. doors and windows including, T & P and labour charges etc. complete.	10.8	m <sup>2</sup>	₹ 158.28	₹ 1,709.00
39 Wall painting 2 coats with weather coat (I.S.I.) of approved shade on new work to give an even shade including cost of paint.	198.27	m <sup>2</sup>	₹ 87.85	₹ 17,418.00
40 Wall painting 2 coat with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint	411.03	m <sup>2</sup>	₹ 95.19	₹ 39,126.00
41 12mm thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	404.18	m <sup>2</sup>	₹ 154.51	₹ 62,450.00

**BILL OF QUANTITY**

<b>DESCRIPTION</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
42 6mm, thick cement mortar plaster (1:4) on R.C.C. works including closely deep chipping and slurry treatment plaster including cost, conveyance and royalty etc. complete.	304.42	m <sup>2</sup>	₹ 169.50	₹ 51,599.00
43 16mm, thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	334.43	m <sup>2</sup>	₹ 218.04	₹ 72,919.00
44 20mm, thick cement mortar plaster (1:4) on roof slab top as grading plaster including cost, conveyance and royalty etc. complete.	279.91	m <sup>2</sup>	₹ 242.11	₹ 67,769.00
45 Supplying, fitting and fixing vitrified tile in floors of size 600mm x 600mm of approved make with application of cement mortar bed of required thickness and filling joints with white cement of approved quality including cost of all materials, labour T&P etc required for the work.	216.57	m <sup>2</sup>	₹ 1,133.20	₹ 2,45,417.00
46 Finishing wall surface of walls with cement based wall putty (Water based ) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	407.61	m <sup>2</sup>	₹ 77.63	₹ 31,643.00
47 Priming 1 coat with any approved Primer on newly plastered wall surface	635.3	m <sup>2</sup>	₹ 66.67	₹ 42,355.00
<b>SECOND FLOOR</b>				
48 R.C.C. work of M-20 grade with 20mm and down grade black hard granite(crusher broken) stone chips including hoisting and laying including cost,conveyance and royalty of all materials etc. complete.(in 2nd floor)	2.84	m <sup>3</sup>	₹ 5,976.45	₹ 16,973.00
49 Supplying ,fitting and placing uncoated HYSD bar reinforcement complete as per drawing and technical specification.(in 2nd floor)	2.84	q	₹ 8,627.69	₹ 24,503.00
50 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in second floor- roof slab and chajja	15.24	m <sup>2</sup>	₹ 967.06	₹ 14,738.00
51 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in second floor- beams and columns	10	m <sup>2</sup>	₹ 1,455.82	₹ 14,558.00
52 Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materialscomplete in second floor- lintel	0.84	m <sup>2</sup>	₹ 758.14	₹ 637.00
53 Brick work with fly ash bricks 25cm x 12cm x 8cm size having crushing strength not less than 75Kg/cm2 with dimensional tolerance ± 8 percent cement mortar (1:6) in super structure	23.65	m <sup>3</sup>	₹ 5591.22	₹ 1,32,232.00
54 1 coat of priming over new M.S. doors and windows , T & P and labour charges etc. complete.	5.67	m <sup>2</sup>	₹ 62.02	₹ 352.00
55 2 coats of painting over new M.S. doors and windows ,				

**BILL OF QUANTITY**

DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
T & P and labour charges etc. complete.				
56 Wall painting 2 coats with weather coat (I.S.I.) of approved shade on new work to give an even shade including cost of paint.	5.67	m <sup>2</sup>	₹ 162.13	₹ 919.00
57 Wall painting 2 coat with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint	188.79	m <sup>2</sup>	₹ 87.85	₹ 16,585.00
58 12mm thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	36.76	m <sup>2</sup>	₹ 97.57	₹ 3,587.00
59 6mm, thick cement mortar plaster (1:4) on R.C.C. works including closely deep chipping and slurry treatment plaster including cost, conveyance and royalty etc. complete.	108.74	m <sup>2</sup>	₹ 160.75	₹ 17,480.00
60 16mm, thick cement mortar plaster (1:6) on brick masonry walls including cost, conveyance and royalty etc. complete.	10.56	m <sup>2</sup>	₹ 173.79	₹ 1,835.00
61 20mm, thick cement mortar plaster (1:4) on roof slab top as grading plaster including cost, conveyance and royalty etc. complete.	106.24	m <sup>2</sup>	₹ 223.50	₹ 23,745.00
62 Finishing wall surface of walls with cement based wall putty (Water based ) of approved make and finished smooth and even surface to receive painting including cost of scaffolding staging charges with cost of all materials taxes, labour T&P etc complete.	13.56	m <sup>2</sup>	₹ 242.11	₹ 3,283.00
63 Priming 1 coat with any approved Primer on newly plastered wall surface	36.76	m <sup>2</sup>	₹ 79.12	₹ 2,908.00
	236.11	m <sup>2</sup>	₹ 69.24	₹ 16,348.00
<b>DOORS AND WONDOWS</b>				
64 Supplying and fixing of M.S. doors and windows grills in ground floor and and first floor	11.5	q	₹ 10,500.00	₹ 1,20,750.00
65 Supplying , fitting and fixing of openable UPVC doors with door frame of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures	20.16	m <sup>2</sup>	₹ 8,682.12	₹ 1,75,032.00
66 Supplying, fitting and fixing of two track UPVC sliding windows of approved make with 6mm thick glass of approved quality completed with frame, shutters and all fittings and fixtures	54.72	m <sup>2</sup>	₹ 4,960.97	₹ 2,71,464.00
67 Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.9mtr. c/c and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification , buffing, polishing etc. required for the complete in all respect.	570.46	kg	₹ 289.30	₹ 1,65,034.00
68 Providing and fixing ,fitting of Aluminium door with anodized aluminium door section of 9202 as vertical member, 9201 as top and 9200 as middle bottom member with frame section 9221 and tapered clip no 4660 and frame to be completed by means of jointing angle no. 1855 and including	210	sqft	₹ 479.80	₹ 1,00,758.00

**BILL OF QUANTITY**

**DESCRIPTION**

69 ACP boards , all cost of T & P hire charges of srilling machine labour charges etc complete  
 Supplying, fitting and fixing of 5.5 mm thick hexagonal Aluminum jally in windows as single groove, double groove and tapered clip as horizontal and vertical members for fixing of aluminum jally and jointing angle conforming to standard Aluminium sections etc. complete.

QUANTITY	UNIT	RATE	AMOUNT
51.84 m <sup>2</sup>	₹	1,841.00 ₹	95,437.00
			<u>₹ 6,000.00</u>

**WATER SUPPLY AND SANITARY WORKS**

70 Display board & photograph

71 Providing and fixing to wall or ceiling and floor pvc pipes class conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification complete.---15mm dia

72 Providing and fixing to wall or ceiling and floor pvc pipes class conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification complete.---20mm dia

73 Providing and fixing to wall or ceiling and floor pvc pipes class conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification complete.---25mm dia

74 Providing and fixing to wall or ceiling and floor pvc pipes class conforming to ASTM-D-1785/89 (Sch-80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor all complete as per specification complete.---40mm dia

75 Cutting holes through existing brick work including making good the same in cement mortar (1:4) for taking GI/PVC pipes and fittings etc all complete as per specification.

76 Cutting hole in R.C.C floors and roofs upto 19 cm thick for passing G.I / P.V.C pipes and fittings etc and repairing the holes after insertion of pipes etc with cement concrete (1:2:4) including finishing complete so as to make it leak proof.

77 Providing and laying in trenches PVC pipes conforming to ASTM-D-1785/89 (Schedule-80) of the following nominal bore and pipe fittings including testing as per specification complete. (Earth work in trenches to be measured and paid for separately)40mm dia

78 Fixing of Brass Screw-down Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification complete. 15mm dia

79 Fixing of CP Brass long Body Bib Cocks (Taps) polished bright conforming to IS:781-1995 of the following nominal sizes as per specification complete. 15mm

55 m	₹	118.15 ₹	6,498.00
15 m	₹	141.47 ₹	2,122.00
60 m	₹	183.38 ₹	11,003.00
20 m	₹	233.85 ₹	4,677.00
40 m	₹	46.85 ₹	1,874.00
4 no	₹	300.82 ₹	1,203.00
50 m	₹	178.98 ₹	8,949.00
12 no	₹	490.88 ₹	5,891.00

BILL OF QUANTITY

dia	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
	80 Fixing of Brass Push Cock of following nominal sizes as per specification complete.	12 no	₹	842.83 ₹	10,114.00
	81 Fixing of Brass Screw-down Stop Cocks conforming to IS:781-1995 of the following nominal sizes as per specification complete.	8 no	₹	588.10 ₹	4,705.00
	82 Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110mm dia	25 no		505.1 ₹	12,628.00
	83 Providing and fixing on wall face unplasticised Rigid PVC soil, waste and rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 75mm dia	116 m	₹	432.00 ₹	50,112.00
	84 Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 75mm dia coupler	76.4 m	₹	259.66 ₹	19,838.00
	85 Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 75mm dia single Tee without door	50 no	₹	80.79 ₹	4,040.00
	86 Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 75mm dia 87.5 degre bend	10 no	₹	126.74 ₹	1,267.00
	87 Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 75mm dia 87.5 degre bend	10 no	₹	235.26 ₹	2,353.00
	88 Providing and fixing on wall face unplasticised-PVC moulded fittings / accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion 110mm dia 87.5 degre bend	15 no	₹	123.99 ₹	1,860.00
	89 Fixing water closet, squatting pan (Indian type W.C pan) conforming to IS 2556 : Part 3-2004 duly embedded in cement concrete (1:4:8) using hard granite metal 4cm nominal size all complete as per specification 580 mm x 440mm	15 no	₹	216.16 ₹	3,242.00
	90 Fixing in cement mortar (1:3) a pair of white vitreous china 250mm x 130mm x 30mm foot rest for squatting pan water closet as per specification	6 no	₹	2,625.70 ₹	15,754.00
	91 Fixing Wash Down Water Closet (European type W.C pan) with integral 'S' or 'P' trap conforming to IS 2556 : Part 8-2004, to the floor with wooden plug and	6 no	₹	322.99 ₹	1,938.00

BILL OF QUANTITY

DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
chromium plated screws including jointing the trap with soil pipe in cement mortar (1:1) etc all complete as per specification. (Seat and cover to be measured and paid for separately)	6 no	₹	3,701.18 ₹	22,207.00
92 Fixing plastic seat and cover for wash down water closet with chromium plated brass hinges and rubber buffers all complete as per specification.	6 no	₹	794.99 ₹	4,770.00
Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 ltr capacity	12 no	₹	1,880.96 ₹	22,572.00
93 Fixing Vitreous china flat back urinal 430x260x350mm size including connecting the urinal of 430x260x350 mm or 340x410x265 mm sizes respectively with waste pipe by means of white lead mixed with chopped hemp etc all complete as per specification.	8 no	₹	2,002.99 ₹	16,024.00
94 Fixing glazed earthenware squatting plate of size 600mm x 350mm conforming to IS:2556-Part-6-1995 with integral longitudinal flushing pipe including embedding the plate in 25mm cement mortar (1:8) laid over 150mm cement concrete (1:4:8) using 40mm hard granite metal all complete as per specification.	8 no	₹	2,639.64 ₹	21,117.00
95 Fixing wash basins with hole for pillar taps conforming to IS 2556 : Part 4-2004 with Cast Iron or M S brackets painted white including cutting holes in walls and making good the damages etc all complete as per specification.	17 no		2878.75 ₹	48,939.00
96 Fixing pedestal for wash basin complete recessed at the back for the reception of pipes and fittings	17 no		2257.36 ₹	38,375.00
97 Fixing PVC waste pipe of following nominal diameter for wash basin or sink including brass check nut complete as per specification	17 no		85.55 ₹	1,454.00
98 Fixing pillar taps capstan head screw down high pressure lettered 'Hot' and 'Cold' with long screws, shanks and back nuts of the following nominal bore as per specification	17 no		775.74 ₹	13,188.00
99 Fixing 15mm dia PVC inlet connection pipe and making connection with pillar cocks and supply mains for wash basin complete as per specification	25 no	₹	89.07 ₹	2,227.00
100 Fixing Chromium Plated brass waste of the following nominal diameter for wash basin and sink as per specification	17 no	₹	236.17 ₹	4,015.00
101 Fixing Chromium Plated Brass Shower rose with 15mm or 20mm inlet including polishing all complete as per specification.	12 no	₹	273.51 ₹	3,282.00
102 Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth	8 m <sup>2</sup>	₹	2,797.73 ₹	22,382.00
103 Fixing Rotational moulded polyethylene cylindrical vertical water storage tanks				

**BILL OF QUANTITY**

DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
conforming to IS : 12701--1996 including cutting holes through the tank and fixing mild steel tubes and fittings and providing extra sockets and jam nuts, fixing ball valve etc, including hoisting upto a height of 5 metres above ground level and placing the tank to the required position etc allcomplete as per specification and direction of the Engineer in charge	2	no	₹ 21,387.85	₹ 42,776.00
104 Fixing Chromium Plated brass trap of the following nominal diameter for wash basin and sink as per specification	41	no	₹ 137.01	₹ 5,617.00
105 Fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C sheet or plywood sheet and fixed to wooden plugs with chromium plated brass screws and washers complete as per specification.	25	no	₹ 1,733.29	₹ 43,332.00
106 Fixing of cp Brass health faucet 15mm dia conforming to IS:781-1995 as per specification complete.	12	no	₹ 514.15	₹ 6,170.00
107 Fixing standard sized Chromium Plated brass towel rail complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification.	12	no	₹ 582.81	₹ 6,994.00
				₹ 76,76,851.00

  
 Junior Engineer  
 B.M.Pur Block office  
 12/02/2024

  
 Assistant Executive Engineer  
 B.M. Pur Block Office  
 12/02/2024

  
 Block development Officer  
 B.M.Pur  
 Block Development Officer  
 Birmaharajpur  
 12/02/24