

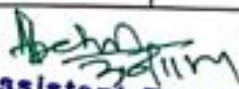
**TENDER SCHEDULE**  
(BILL OF QUANTITY) - 11/01

|         | Name of work-  | Renovation of Sc at Tenda under Nilgiri Block |        |                          |                     |
|---------|--|---|--------|--------------------------|---------------------|
|         | Estimated Cost-  | Rs- 247396.00                                 |        |                          |                     |
|         | E.M. to be Deposited-  |   |        |                          |                     |
|         | Cost Of Tender paper with VAT 4%   | Rs-   |        |                          |                     |
|         | Date of sale of Tender   |   |        |                          |                     |
|         | Date of Receipt of Tender  |   |        |                          |                     |
|         | Date of opening of Tender  |   |        |                          |                     |
|         | Time of completion   |   |        |                          |                     |
|         | Class of Contractor  | "D" & "C" Class                               |        |                          |                     |
| Sl. No. | DESCRIPTION OF ITEMS   | No. or Qty                                    | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |   |        |                          |                     |
|         | Slab   | 0.40  | 1 Cum  | 8977.65                  | 3557.00             |
| 2       | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.40  | 1 Qtl. | 8074.76                  | 3199.00             |
| 3       | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.   | 1.78  | 1 Sqm  | 1661.80                  | 2963.00             |

*Abhi*  
*20/11/17*

**Assistant Engineer**  
**NHM, Balasore**

|    |  |        |       |         |          |
|----|--|--------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.71   | 1 Cum | 4647.19 | 3314.00  |
| 5  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 22.09  | 1 Sqm | 141.87  | 3134.00  |
| 6  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 24.47  | 1sqm  | 199.36  | 4878.00  |
| 7  | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge  | 8.78   | 1 Cum | 152.03  | 1335.00  |
| 8  | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm   | 9.29   | 1 Sqm | 960.20  | 8920.00  |
| 9  | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.   | 5.94   | qtl   | 7472.68 | 44388.00 |
| 10 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.  | 9.29   | 1 Sqm | 951.22  | 8837.00  |
| 11 | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.   | 470.13 | 1 Sqm | 120.56  | 56681.00 |

  
Assistant Engineer  
NHM, Balasore

BOQ - 11/03

|    |  |        |       |          |           |
|----|--|--------|-------|----------|-----------|
| 12 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge  | 284.46 | 1 Sqm | 128.31   | 36499.00  |
| 13 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge  | 55.29  | 1 Sqm | 190.85   | 10552.00  |
| 14 | Branding for HWC as per specification in outer plaster surface including all complete  | 578.53 | 1sft  | 50.00    | 28926.60  |
| 15 | :Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 11.30  | sqm   | 702.78   | 7941.00   |
| 16 | Supplying all materials, labour T&P and fitting & fixing U-PVC   | 10.00  | Mtr   | 206.00   | 2060.00   |
| 17 | 110 mm dia U-PVC P' Trap   | 1      | Nos   | 299.70   | 299.70    |
| 18 | 110 mm dia U-PVC Double Junction Door  | 1      | Nos   | 350.30   | 350.30    |
| 19 | 110 mm dia U-PVC Plain Tee   | 1      | Nos   | 267.00   | 267.00    |
| 20 | 110 mm dia U-PVC Door Bend   | 2      | Nos   | 204.70   | 409.40    |
| 21 | 110 mm dia U-PVC Plain Bend  | 1      | Nos   | 147.00   | 147.00    |
| 22 | 110 mm dia U-PVC Offset  | 1      | Nos   | 180.50   | 180.50    |
| 23 | 110 mm dia U-PVC Cowl  | 1      | Nos   | 77.30    | 77.30     |
| 24 | 125 mm dia C.P grating   | 1      | Nos   | 68.30    | 68.30     |
| 25 | Supplying all materials, labour T&P and fixing standard size C.P.  | 1      | Nos   | 267.40   | 267.40    |
| 26 | Supplying all materials, labour T&P and cutting holes through  | 1      | Nos   | 176.60   | 176.60    |
| 27 | Supplying all materials, labour, T&P and laying 110 mm dia U-  | 3.00   | Mtr   | 1,058.90 | 3176.70   |
| 28 | Supplying all materials, labour, T&P and providing and fixing to   | 7.00   | Mtr   | 94.50    | 661.50    |
| 29 | Holder BK angle  | 6      | each  | 14.68    | 88.08     |
| 30 | Fitting and fixing of ceiling fan  | 3      | each  | 2200     | 6600.00   |
| 31 | Fan regulator in existing switch board etc all.  | 5      | each  | 280.82   | 1404.10   |
| 32 | Supply instation testing and commissioning 10watt  | 5      | each  | 167.58   | 837.90    |
| 33 | PVC insualated single core multistandard copper  |        |       |          | 0.00      |
| 34 | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)  | 5      | PM    | 120.11   | 600.55    |
| 35 | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)  | 7      | PM    | 134.06   | 938.42    |
| 36 | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 6      | PM    | 151.44   | 908.64    |
| 37 | 18-25 led tube light Fitting including bulb  | 4      | each  | 688      | 2752.00   |
|    |  |        |       |          | 247395.99 |
|    |  |        |       | Say      | 247396.00 |

My quoted rate is (infigure) \_\_\_\_\_ %(inwords) \_\_\_\_\_ %  
excess over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work .....  
on payment of Rs. ( Rupees

) only towards cost of tender

  
Assistant Engineer  
NHM, Balasore

  
CDM & PHO, Balasore

**TENDER SCHEDULE**  
( BILL OF QUANTITY ) - 12/01

|         | Name of work-   | Renovation of Sc at Gujudiha under Nilgiri Block |        |                          |                     |
|---------|---|--|--------|--------------------------|---------------------|
|         | Estimated Cost-   | Rs- 267214.00                                    |        |                          |                     |
|         | E.M. to be Deposited-   |  |        |                          |                     |
|         | Cost Of Tender paper with VAT 4%  | Rs-  |        |                          |                     |
|         | Date of sale of Tender  |  |        |                          |                     |
|         | Date of Receipt of Tender   |  |        |                          |                     |
|         | Date of opening of Tender   |  |        |                          |                     |
|         | Time of completion  |  |        |                          |                     |
|         | Class of Contractor   | "D" & "C" Class                                  |        |                          |                     |
| Sl. No. | DESCRIPTION OF ITEMS  | No. or Qty                                       | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges,T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |  |        |                          |                     |
|         | Slab  | 0.20   | 1 Cum  | 9154.84                  | 1814.00             |
| 2       | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.   | 0.20   | 1 Qtl. | 8077.38                  | 1600.00             |
| 3       | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.   | 1.78   | 1 Sqm  | 1662.45                  | 2964.00             |

  
**Assistant Engineer**  
**NHM, Balasore**

BOA-12/02

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 4  | 250mm thick Flyash brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp burnt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge. In Superstructure) | 0.71   | 1 Cum | 4522.71 | 3225.00  |
| 5  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 14.10  | 1 Sqm | 141.16  | 1990.00  |
| 6  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 12.23  | 1sqm  | 198.51  | 2428.00  |
| 7  | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 7.31   | 1 Cum | 151.72  | 1109.00  |
| 8  | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tile per 1sqm.  | 9.29   | 1 Sqm | 960.04  | 8919.00  |
| 9  | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 5.94   | qtl   | 7472.68 | 44388.00 |
| 10 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.   | 9.29   | 1 Sqm | 951.05  | 8835.00  |
| 11 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 470.13 | 1 Sqm | 120.56  | 56681.00 |

*Asst Engr*  
*20/11/20*  
**Assistant Engineer**  
**NHM, Balasore**

BOB-12/03

|    |   |        |       |          |          |
|----|---|--------|-------|----------|----------|
| 12 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the <u>Engineer-in-charge</u>  | 284.46 | 1 Sqm | 128.31   | 36499.00 |
| 13 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the <u>Engineer-in-charge</u>  | 55.29  | 1 Sqm | 190.85   | 10552.00 |
| 14 | Branding for HWC as per specification in outer plaster surface including all complete   | 578.53 | 1sft  | 50.00    | 28926.60 |
| 15 | :Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.   | 10.00  | sqm   | 702.99   | 7029.00  |
| 16 | 2.5 cm thick grading concrete (1:2:2) on Roof slab with 6 mm size hard broken granite chips   | 94.02  | sqm   | 289.66   | 27234.76 |
| 17 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing. e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kgf/Cm <sup>2</sup> )   | 10.00  | Mtr   | 206.00   | 2060.00  |
| 18 | 110 mm dia U-PVC P Trap   | 1      | Nos   | 299.70   | 299.70   |
| 19 | 110 mm dia U-PVC Double Junction Door   | 1      | Nos   | 350.30   | 350.30   |
| 20 | 110 mm dia U-PVC Plain Tee  | 1      | Nos   | 267.00   | 267.00   |
| 21 | 110 mm dia U-PVC Door Bend  | 2      | Nos   | 204.70   | 409.40   |
| 22 | 110 mm dia U-PVC Plain Bend   | 1      | Nos   | 147.00   | 147.00   |
| 23 | 110 mm dia U-PVC Offset   | 1      | Nos   | 180.50   | 180.50   |
| 24 | 110 mm dia U-PVC Cowl   | 1      | Nos   | 77.30    | 77.30    |
| 25 | 125 mm dia C.P.grating  | 1      | Nos   | 68.30    | 68.30    |
| 26 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.   | 1      | Nos   | 267.40   | 267.40   |
| 27 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. -- 250 mm thick wall  | 1      | Nos   | 176.60   | 176.60   |
| 28 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm <sup>2</sup> ) | 3.00   | Mtr   | 1,058.90 | 3176.70  |

  
Assistant Engineer  
NHM, Balasore

BOA-12/04

|    |  |      |      |        |           |
|----|--|------|------|--------|-----------|
| 29 | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal] | 7.00 | Mtr  | 94.50  | 661.50    |
| 30 | Holder BK angle  | 6    | each | 14.68  | 88.08     |
| 31 | Fitting and fixing of ceiling fan  | 4    | each | 2200   | 8800.00   |
| 32 | Fan regulator in existing switch board etc all.  | 3    | each | 280.82 | 842.46    |
| 33 | Supply instation testing and commissioning 10watt led bulb etc all.  | 8    | each | 167.58 | 1340.64   |
| 34 | PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevelis, V guard  |      |      |        |           |
| 35 | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)  | 5    | PM   | 120.11 | 600.55    |
| 36 | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)  | 4    | PM   | 134.06 | 536.24    |
| 37 | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 4    | PM   | 151.44 | 605.76    |
| 38 | 18-25 led tube light Fitting including bulb  | 3    | each | 688    | 2064.00   |
|    |  |      |      |        | 267213.79 |
|    |  |      |      | Say    | 267214.00 |

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_%  
excess over/less than/equal to the above estimated cost.

Signature of Contractor

Sold for the work .....  
on payment of Rs. ( Rupees ..... ) only towards cost of tender  
paper vide Money Receipt No.....

*Behu*  
*30/11/21*  
Assistant Engineer  
NHM, Salasore

*✓*  
*30/11/21*

**TENDER SCHEDULE**  
(BILL OF QUANTITY) - 13/01

| Name of work-                    |  | Renovation of Sc at Gohira under Nilgiri Block |        |                          |                     |
|----------------------------------|--|--|--------|--------------------------|---------------------|
| Estimated Cost-                  |  | Rs.258209.00                                   |        |                          |                     |
| E.M. to be Deposited-            |  |  |        |                          |                     |
| Cost Of Tender paper with VAT 4% |  | Rs-  |        |                          |                     |
| Date of sale of Tender           |  |  |        |                          |                     |
| Date of Receipt of Tender        |  |  |        |                          |                     |
| Date of opening of Tender        |  |  |        |                          |                     |
| Time of completion               |  |  |        |                          |                     |
| Class of Contractor              |  | "D" & "C" Class                                |        |                          |                     |
| Sl. No.                          | DESCRIPTION OF ITEMS   | No. or Qty                                     | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1                                | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |  |        |                          |                     |
|                                  | Slab   | 0.40   | 1 Cum  | 8977.20                  | 3557.00             |
| 2                                | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.04   | 1 Qtl. | 8078.25                  | 323.00              |
| 3                                | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.  | 1.40   | 1 Sqm  | 1661.17                  | 2327.00             |

*(Signature)*  
25/11/21

Assistant Engineer  
NHM, Salasore

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.42  | 1 Cum | 4500.21 | 1872.00  |
| 5  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 23.51 | 1 Sqm | 139.19  | 3272.00  |
| 6  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 25.95 | 1sqm  | 196.14  | 5090.00  |
| 7  | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.   | 18.95 | 1 Cum | 150.75  | 2857.00  |
| 8  | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm   | 13.38 | 1 Sqm | 957.56  | 12810.00 |
| 9  | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.   | 3.34  | qtl   | 7472.68 | 24959.00 |
| 10 | :Fixing of ceramic wall tiles in dados, skirting riser of stepps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.   | 22.27 | 1 Sqm | 701.33  | 15620.00 |

*Beha*  
20/11/21  
Assistant Engineer  
NHM, Balasore

|    |   |        |       |          |          |
|----|---|--------|-------|----------|----------|
| 11 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm conforming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.  | 19.51  | 1 Sqm | 948.57   | 18506.00 |
| 12 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 274.49 | 1 Sqm | 120.56   | 33093.00 |
| 13 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.  | 378.86 | 1 Sqm | 128.31   | 48611.00 |
| 14 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in charge.  | 55.29  | 1 Sqm | 190.85   | 10552.00 |
| 15 | Branding for HWC as per specification in outer plaster surface including all complete   | 458.53 | 1sft  | 50.00    | 22926.60 |
| 16 | :2.5 cm thick grading concrete (1:2:2) on Roof slab with 6 mm size hard broken granite chips on new works   | 87.79  | sqm   | 285.25   | 25042.00 |
| 17 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or   | 10.00  | Mtr   | 206.00   | 2060.00  |
| 18 | 110 mm dia U-PVC P' Trap  | 3      | Nos   | 299.70   | 899.10   |
| 19 | 110 mm dia U-PVC Double Junction Door   | 1      | Nos   | 350.30   | 350.30   |
| 20 | 110 mm dia U-PVC Plain Tee  | 1      | Nos   | 267.00   | 267.00   |
| 21 | 110 mm dia U-PVC Door Bend  | 4      | Nos   | 204.70   | 818.80   |
| 22 | 110 mm dia U-PVC Plain Bend   | 1      | Nos   | 147.00   | 147.00   |
| 23 | 110 mm dia U-PVC Offset   | 1      | Nos   | 180.50   | 180.50   |
| 24 | 110 mm dia U-PVC Cowl   | 1      | Nos   | 77.30    | 77.30    |
| 25 | 125 mm dia C.P.grating  | 1      | Nos   | 68.30    | 68.30    |
| 26 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.   | 1      | Nos   | 267.40   | 267.40   |
| 27 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. - 250 mm thick wall   | 3      | Nos   | 176.60   | 529.80   |
| 28 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm <sup>2</sup> ) | 3.00   | Mtr   | 1,058.90 | 3176.70  |

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Assistant Engineer  
NHM, Balasore

BOB-13/04

|    |  |      |      |        |           |
|----|--|------|------|--------|-----------|
| 29 | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal] | 7.00 | Mtr  | 94.50  | 661.50    |
| 30 | Holder BK angle  | 6    | each | 14.68  | 88.08     |
| 31 | Fitting and fixing of ceiling fan  | 4    | each | 2200   | 8800.00   |
| 32 | Fan regulator in existing switch board etc all.  | 5    | each | 280.82 | 1404.10   |
| 33 | Supply instation testing and commissioning 10watt led bulb etc all.  | 10   | each | 167.58 | 1675.80   |
| 34 | PVC insualated single core multistandard copper conductor of ISI mark (ISI mark to Hevelis,V guard L&T Finolex)  |      |      |        | 0.00      |
| 35 | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)  | 6    | PM   | 120.11 | 720.66    |
| 36 | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)  | 7    | PM   | 134.06 | 938.42    |
| 37 | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)  | 6    | PM   | 151.44 | 908.64    |
| 38 | 18-25 led tube light Fitting including bulb  | 4    | each | 688    | 2752.00   |
|    |  |      |      |        | 258209.00 |
|    |  |      |      | Say    | 258209.00 |

My quoted rate is (infigure) \_\_\_\_\_ %(inwords) \_\_\_\_\_ %  
excess over/less than/equal to the above estimated cost.

Signature of Contractor

Sold for the work .....  
on payment of Rs. ( Rupees

) only towards cost of tender

*[Handwritten Signature]*  
29/11/21

*[Handwritten Signature]*  
30/11/21  
CDM & PHO, Balasore

Assistant Engineer  
NH&B, Balasore

**TENDER SCHEDULE**

(BILL OF QUANTITY) - 14/01

| Name of work-                    | Renovation of Sc at Bankisahi under Nilgiri Block  |            |        |                          |                     |
|----------------------------------|--|------------|--------|--------------------------|---------------------|
| Estimated Cost-                  | Rs- 252298.00  |            |        |                          |                     |
| E.M. to be Deposited-            |  |            |        |                          |                     |
| Cost Of Tender paper with VAT 4% | Rs-  |            |        |                          |                     |
| Date of sale of Tender           |  |            |        |                          |                     |
| Date of Receipt of Tender        |  |            |        |                          |                     |
| Date of opening of Tender        |  |            |        |                          |                     |
| Time of completion               |  |            |        |                          |                     |
| Class of Contractor              | "D" & "C" Class  |            |        |                          |                     |
| Sl. No.                          | DESCRIPTION OF ITEMS   | No. or Qty | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1                                | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |            |        |                          |                     |
|                                  | Slab   | 0.40       | 1 Cum  | 9090.52                  | 3602.00             |
| 2                                | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.40       | 1 Qtl. | 8083.49                  | 3203.00             |
| 3                                | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.   | 5.85       | 1 Sqm  | 1665.26                  | 9746.00             |

*B. S. S. S.*  
*3/11/11*

Assistant Engineer  
NHM, Balasore

BOQ - 14/02

|    |  |        |       |         |          |
|----|--|--------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.71   | 1 Cum | 4619.10 | 3294.00  |
| 5  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 14.10  | 1 Sqm | 140.97  | 1988.00  |
| 6  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 12.23  | 1sqm  | 198.28  | 2426.00  |
| 7  | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.   | 7.31   | 1 Cum | 151.73  | 1109.00  |
| 8  | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm   | 9.29   | 1 Sqm | 961.70  | 8934.00  |
| 9  | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.   | 5.10   | qtl   | 7472.68 | 38111.00 |
| 10 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.  | 8.36   | 1 Sqm | 952.72  | 7966.00  |
| 11 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.   | 470.13 | 1 Sqm | 120.56  | 56681.00 |

  
 Assistant Engineer  
 NHM, Balasore

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|    |  |        |       |          |          |
|----|--|--------|-------|----------|----------|
| 12 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the <u>Engineer-in-charge</u>   | 284.46 | 1 Sqm | 128.31   | 36499.00 |
| 13 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the <u>Engineer-in-charge</u>   | 55.29  | 1 Sqm | 190.85   | 10552.00 |
| 14 | Branding for HWC as per specification in outer plaster surface including all complete  | 578.53 | 1sft  | 50.00    | 28926.60 |
| 15 | :Fixing of ceramic wall tiles in dados, skirting riser of steps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on 12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.  | 19.10  | sqm   | 704.95   | 13466.00 |
| 16 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kg/Cm <sup>2</sup> )   | 8.00   | Mtr   | 206.00   | 1648.00  |
| 17 | 110 mm dia U-PVC P' Trap   | 3      | Nos   | 299.70   | 899.10   |
| 18 | 110 mm dia U-PVC Double Junction Door  | 2      | Nos   | 350.30   | 700.60   |
| 19 | 110 mm dia U-PVC Plain Tee   | 2      | Nos   | 267.00   | 534.00   |
| 20 | 110 mm dia U-PVC Door Bend   | 4      | Nos   | 204.70   | 818.80   |
| 21 | 110 mm dia U-PVC Plain Bend  | 2      | Nos   | 147.00   | 294.00   |
| 22 | 110 mm dia U-PVC Offset  | 2      | Nos   | 180.50   | 361.00   |
| 23 | 110 mm dia U-PVC Cowl  | 2      | Nos   | 77.30    | 154.60   |
| 24 | 125 mm dia C.P.grating   | 3      | Nos   | 68.30    | 204.90   |
| 25 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.  | 5      | Nos   | 267.40   | 1337.00  |
| 26 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kg/Cm <sup>2</sup> ) | 5.00   | Mtr   | 1,058.90 | 5294.50  |
| 27 | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]   | 3.00   | Mtr   | 94.50    | 283.50   |
| 28 | Holder BK angle  | 5      | each  | 14.68    | 73.40    |

  
 Assistant Engineer  
 NHM, Balasore

B02-14/04

|    |   |   |      |        |           |
|----|---|---|------|--------|-----------|
| 29 | Fitting and fixing of ceiling fan                 | 4 | each | 2200   | 8800.00   |
| 30 | Fan regulator in existing switch board etc all.   | 3 | each | 280.82 | 842.46    |
| 31 | Supply instation testing and commissioning 10watt | 4 | each | 167.58 | 670.32    |
| 32 | PVC insualated single core multistandard copper   |   |      |        | 0.00      |
| 33 | .....do..... 2x1.5sqmm+1x1.5sqmm(1.8.1)           | 3 | PM   | 120.11 | 360.33    |
| 34 | .....do..... 2x2.5sqmm+1x1.5sqmm(1.8.2)           | 4 | PM   | 134.06 | 536.24    |
| 35 | .....do..... 2x1.4sqmm+1x1.5sqmm(1.8.3)           | 4 | PM   | 151.44 | 605.76    |
| 36 | 18-25 led tube light Fitting including bulb       | 2 | each | 688    | 1376.00   |
|    |   |   |      |        | 252298.11 |
|    |   |   |      | Say    | 252298.00 |

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_%  
 excess over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work .....

on payment of Rs.

( Rupees

) only towards cost of tender

*B. S. M.*  
 30/11/21

*[Signature]*  
 30/11/21  
 CDM & PHO, Balasore

Assistant Engineer  
 NHM, Balasore

**TENDER SCHEDULE** - 15/01  
(BILL OF QUANTITY)

| Name of work-                    |  | Renovation of Sc at Apitira under Bahanaga Block |        |                       |                  |
|----------------------------------|--|--|--------|-----------------------|------------------|
| Estimated Cost-                  |  | Rs- 252147.00                                    |        |                       |                  |
| E.M. to be Deposited-            |  |  |        |                       |                  |
| Cost Of Tender paper with VAT 4% |  |  |        |                       |                  |
| Date of sale of Tender           |  |  |        |                       |                  |
| Date of Receipt of Tender        |  |  |        |                       |                  |
| Date of opening of Tender        |  |  |        |                       |                  |
| Time of completion               |  |  |        |                       |                  |
| Class of Contractor              |  | "D" & "C" Class                                  |        |                       |                  |
| Sl. No.                          | DESCRIPTION OF ITEMS   | No. or Qty                                       | UNIT   | Estimated Rate Figure | AMOUNT in Rupees |
| 1                                | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |  |        |                       |                  |
|                                  | Slab   | 0.17   | 1 Cum  | 9051.18               | 1537.00          |
| 2                                | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.17   | 1 Qtl. | 8107.77               | 1377.00          |
| 3                                | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.   | 0.89   | 1 Sqm  | 1221.69               | 1089.00          |

  
**Assistant Engineer**  
 NHM, Salasore

BOQ-15/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.30  | 1 Cum | 4442.79 | 1320.00  |
| 5  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 7.32  | 1sqm  | 197.42  | 1444.00  |
| 6  | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.  | 3.72  | 1 Cum | 287.93  | 1070.00  |
| 7  | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only).   | 11.67 | 1 Cum | 622.58  | 7266.00  |
| 8  | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.   | 1.67  | 1 Cum | 4165.55 | 6938.00  |
| 9  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In foundation)     | 2.52  | 1 Cum | 4442.79 | 11211.00 |
| 10 | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 31.65 | 1 Sqm | 143.99  | 4558.00  |

*Behu*  
*20/11/17*

**Assistant Engineer**  
**NHM, Balasore**

BOG-15/03

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 11 | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 16.51  | 1sqm  | 201.91  | 3333.00  |
| 12 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 4.39   | 1sqm  | 153.29  | 673.00   |
| 13 | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 33.08  | 1 Sqm | 966.76  | 31977.00 |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 2.89   | qtl   | 7472.68 | 21596.00 |
| 15 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.  | 3.15   | 1 Sqm | 708.89  | 2231.00  |
| 16 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 6.50   | 1 Sqm | 957.78  | 6228.00  |
| 17 | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 398.34 | 1 Sqm | 120.56  | 48026.00 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge.  | 284.46 | 1 Sqm | 128.31  | 36499.00 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 55.29  | 1 Sqm | 190.85  | 10552.00 |
| 20 | Branding for HWC as per specification in outer plaster surface including all complete   | 562.53 | 1sft  | 50.00   | 28126.60 |
| 21 | Supplying all materials, labour T&P and fixing water closet,  | 1.00   | No    | 2826.20 | 2826.20  |

*Behr*  
Assistant Engineer  
NHM, Balasore

BOQ-15/04

|    |  |      |      |              |                  |
|----|--|------|------|--------------|------------------|
| 22 | Supplying all materials, labour T&P and fixing Wash Down Water       | 1.00 | No   | 2303.90      | 2303.90          |
| 23 | Supplying all materials, labour, T&P fitting and fixing Plastic Seat | 1    | No   | 611.60       | 611.60           |
| 24 | Supplying all materials, labour T&P and fitting & fixing U-PVC       | 10   | Mtr  | 206.00       | 2060.00          |
| 25 | 110 mm dia U-PVC P' Trap   | 3    | Nos  | 299.70       | 899.10           |
| 26 | 110 mm dia U-PVC Double Junction Door                                | 1    | Nos  | 350.30       | 350.30           |
| 27 | 110 mm dia U-PVC Plain Tee   | 1    | Nos  | 267.00       | 267.00           |
| 28 | 110 mm dia U-PVC Door Bend   | 4    | Nos  | 204.70       | 818.80           |
| 29 | 110 mm dia U-PVC Plain Bend  | 3    | Nos  | 147.00       | 441.00           |
| 30 | 110 mm dia U-PVC Offset  | 1    | Nos  | 180.50       | 180.50           |
| 31 | 110 mm dia U-PVC Cowl  | 1    | Nos  | 77.30        | 77.30            |
| 32 | 125 mm dia C.P.grating   | 3    | Nos  | 68.30        | 204.90           |
| 33 | Supplying all materials, labour T&P and fixing mirror of superior    | 1    | No   | 695.70       | 695.70           |
| 34 | Supplying all materials, labour T&P and fixing standard size C.P.    | 5    | Nos  | 267.40       | 1337.00          |
| 35 | Holder BK angle  | 6    | each | 14.68        | 88.08            |
| 36 | Fitting and fixing of ceiling fan                                    | 4    | each | 2200         | 8800.00          |
| 37 | Fan regulator in existing switch board etc all.                      | 4    | each | 280.82       | 1123.28          |
| 38 | Supply instation testing and commissioning 10watt                    | 12   | each | 167.58       | 2010.96          |
|    |  |      |      | <b>Total</b> | <b>252147.22</b> |
|    |  |      |      | <b>Say</b>   | <b>252147.00</b> |

My quoted rate is (infigure) \_\_\_\_\_%(inwords) \_\_\_\_\_%  
excess over/less than/equal to the above estimated cost.

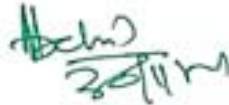
**Signature of Contractor**

Sold for the work .....

on payment of Rs.

( Rupees

) only towards cost of tender



CDM & PHO, Balasore

**Assistant Engineer  
NHM, Balasore**

**TENDER SCHEDULE**  
(BILL OF QUANTITY) - 16/01

|         | Name of work-  | Renovation of Sc at Betagadia under Bahanaga Block |        |                          |                     |
|---------|--|--|--------|--------------------------|---------------------|
|         | Estimated Cost-  | Rs-250635.00                                       |        |                          |                     |
|         | E.M. to be Deposited-  |  |        |                          |                     |
|         | Cost Of Tender paper with VAT 4%   | Rs-  |        |                          |                     |
|         | Date of sale of Tender   |  |        |                          |                     |
|         | Date of Receipt of Tender  |  |        |                          |                     |
|         | Date of opening of Tender  |  |        |                          |                     |
|         | Time of completion   |  |        |                          |                     |
|         | Class of Contractor  | "D" & "C" Class                                    |        |                          |                     |
| Sl. No. | DESCRIPTION OF ITEMS   | No. or Qty   | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |  |        |                          |                     |
|         | Slab   | 0.17   | 1 Cum  | 8989.41                  | 1526.00             |
| 2       | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.17   | 1 Qtl. | 8106.03                  | 1376.00             |
| 3       | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.  | 0.89   | 1 Sqm  | 1219.17                  | 1087.00             |

  
 Assistant Engineer  
 NHM, Balasore

BOQ-16/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.30  | 1 Cum | 4392.83 | 1305.00  |
| 5  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 7.32  | 1sqm  | 195.11  | 1427.00  |
| 6  | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.  | 3.72  | 1 Cum | 287.93  | 1070.00  |
| 7  | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)  | 11.67 | 1 Cum | 498.15  | 5814.00  |
| 8  | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.   | 1.67  | 1 Cum | 4102.97 | 6834.00  |
| 9  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In foundation)     | 2.52  | 1 Cum | 4392.83 | 11085.00 |
| 10 | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 31.65 | 1 Sqm | 142.06  | 4497.00  |



Assistant Engineer  
NHM, Balasore

BOQ-16/03

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 11 | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 16.51  | 1sqm  | 199.59  | 3295.00  |
| 12 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 4.39   | 1 Cum | 152.30  | 669.00   |
| 13 | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 33.08  | 1 Sqm | 963.51  | 31869.00 |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 2.89   | kg    | 7472.68 | 21596.00 |
| 15 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.  | 3.15   | 1 Sqm | 706.35  | 2223.00  |
| 16 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 6.50   | 1 Sqm | 954.53  | 6207.00  |
| 17 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 398.34 | 1 Sqm | 120.56  | 48026.00 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.  | 284.46 | 1 Sqm | 128.31  | 36499.00 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in charge.  | 55.29  | 1 Sqm | 190.85  | 10552.00 |
| 20 | Branding for HWC as per specification in outer plaster surface including all complete   | 562.53 | 1sft  | 50.00   | 28126.60 |
| 21 | Supplying all materials, labour T&P and fitting & fixing U-PVC  | 2.00   | Mtr   | 206.00  | 412.00   |

  
**Assistant Engineer**  
 PUM, Rajahmundry

BOB-16/04

|    |   |      |      |          |           |
|----|---|------|------|----------|-----------|
| 22 | 110 mm dia U-PVC Plain Bend   | 3    | Nos  | 147.00   | 441.00    |
| 23 | 110 mm dia U-PVC Offset   | 1    | Nos  | 180.50   | 180.50    |
| 24 | 110 mm dia U-PVC Cowl   | 1    | Nos  | 77.30    | 77.30     |
| 25 | 125 mm dia C.P.grating  | 3    | Nos  | 68.30    | 204.90    |
| 26 | Supplying all materials, labour T&P and fixing wash basins with hole for pillar taps with C.I.M.S brackets painted white including holes in walls and making good the damages etc. all complete as per P.H specification and direction of E.I.C.- 550mm x 400mm WHB with all Fittings with C.P. Waste, PVC Waste Pipe & Connection Pipe. (Neycer/Cerra/ Parry ware/ Hindware)   | 1    | No   | 2,651.80 | 2651.80   |
| 27 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.   | 3    | Nos  | 267.40   | 802.20    |
| 28 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including launching the pipe to the bed of the trench.  | 4.00 | Mtr  | 1,058.90 | 4235.60   |
| 29 | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore  | 3.00 | Mtr  | 94.50    | 283.50    |
| 30 | 25 mm dia PVC (ASTM) Pipe) [External]   | 3.00 | Mtr  | 87.20    | 261.60    |
| 31 | 15 mm dia C .P (c) Stop Cock[Essco/Plaza/Amber/ Aquatic]  | 1    | Nos  | 854.70   | 854.70    |
| 32 | 25 mm dia PVC F.W.V[Good Quality]   | 2    | Nos  | 557.10   | 1114.20   |
| 33 | Supplying all materials, labour T&P and fitting & fixing 10 Litres capacity low level cistern with a pair of cast iron of m.s. brackets complete with fittings such as siphonic arrangements 15mm nominal size brass/pvc ball valve with polythene float, c.p. brass handle, unions and couplings for connection with inlet, outlet and overflow pipe. 32 mm C.P flush bend 15mm PVC inlet connection pipe including cutting holes and making good the same and connecting the flush bend with cistern and closet and connecting inlet pipe with supply main etc. all complete as per specification and direction of E.I.C (Neycer/Cerra/ Parry ware/ Hindware) | 1    | Nos  | 1,567.20 | 1567.20   |
| 34 | Holder BK angle   | 8    | each | 14.68    | 117.44    |
| 35 | Fitting and fixing of ceiling fan   | 4    | each | 2200     | 8800.00   |
| 36 | Fan regulator in existing switch board etc all.   | 4    | each | 280.82   | 1123.28   |
| 37 | Supply instation testing and commissioning 10watt   | 10   | each | 167.58   | 1675.80   |
| 38 | S/F of 5amp switch and 5 amp socket outlet etc all  | 9    | each | 83.14    | 748.26    |
|    |   |      |      |          | 250634.88 |
|    |   |      |      | Say      | 250635.00 |

My quoted rate is \_\_\_\_\_  
 (infigure) \_\_\_\_\_ % (in words) \_\_\_\_\_ % excess  
 over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work \_\_\_\_\_

on payment of Rs.

( Rupees

) only towards cost of

*[Handwritten Signature]*  
20/11/14

*[Handwritten Signature]*  
20/11/14

CDM & PHO, Balasore

**Assistant Engineer  
NHM, Balasore**

**TENDER SCHEDULE**

(BILL OF QUANTITY) - 17/01

|         | Name of work-  | Renovation of Sc at Sibapura under Bahanaga Block |        |                          |                     |
|---------|--|---|--------|--------------------------|---------------------|
|         | Estimated Cost-  | Rs- 249346.00                                     |        |                          |                     |
|         | E.M. to be Deposited-  |   |        |                          |                     |
|         | Cost Of Tender paper with VAT 4%   |   |        |                          |                     |
|         | Date of sale of Tender   |   |        |                          |                     |
|         | Date of Receipt of Tender  |   |        |                          |                     |
|         | Date of opening of Tender  |   |        |                          |                     |
|         | Time of completion   |   |        |                          |                     |
|         | Class of Contractor  |   |        |                          |                     |
| Sl. No. | DESCRIPTION OF ITEMS   | No. or Qty  | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing, hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |   |        |                          |                     |
|         | Slab   | 0.17  | 1 Cum  | 9019.19                  | 1531.00             |
| 2       | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.17  | 1 Qtl. | 8107.77                  | 1377.00             |
| 3       | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.   | 0.89  | 1 Sqm  | 1220.30                  | 1088.00             |

*B. S. S.*  
*20/11/20*  
**Assistant Engineer**  
K. S. S. Balasore

BOB-17/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.30  | 1 Cum | 4412.93 | 1311.00  |
| 5  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 7.32  | 1sqm  | 195.50  | 1430.00  |
| 6  | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.  | 3.72  | 1 Cum | 287.93  | 1070.00  |
| 7  | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceeding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)  | 11.67 | 1 Cum | 515.93  | 6021.00  |
| 8  | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.   | 1.67  | 1 Cum | 4131.42 | 6881.00  |
| 9  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In foundation)     | 2.52  | 1 Cum | 4412.93 | 11136.00 |
| 10 | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 31.65 | 1 Sqm | 142.39  | 4507.00  |

*Behu*  
20/11/21

Assistant Engineer  
NHM, Balasore

BOA-17/03

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 11 | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 16.51  | 1sqm  | 199.99  | 3301.00  |
| 12 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 4.39   | 1 Cum | 152.49  | 669.00   |
| 13 | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 33.08  | 1 Sqm | 964.52  | 31903.00 |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 2.89   | kg    | 7472.68 | 21596.00 |
| 15 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.  | 3.15   | 1 Sqm | 707.29  | 2226.00  |
| 16 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 6.50   | 1 Sqm | 955.54  | 6214.00  |
| 17 | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 398.34 | 1 Sqm | 120.56  | 48026.00 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge.  | 284.46 | 1 Sqm | 128.31  | 36499.00 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 55.29  | 1 Sqm | 190.85  | 10552.00 |
| 20 | Branding for HWC as per specification in outer plaster surface including all complete   | 562.53 | 1sft  | 50.00   | 28126.60 |
| 21 | Supplying all materials, labour T&P and fitting & fixing U-PVC  | 8.00   | Mtr   | 206.00  | 1648.00  |

  
 Assistant Engineer  
 NHM, Balasore

BQ-17/04

|     |  |      |      |          |           |
|-----|--|------|------|----------|-----------|
| 22  | 110 mm dia U-PVC P' Trap   | 3    | Nos  | 299.70   | 899.10    |
| 23  | 110 mm dia U-PVC Double Junction Door  | 2    | Nos  | 350.30   | 700.60    |
| 24  | 110 mm dia U-PVC Plain Tee   | 2    | Nos  | 267.00   | 534.00    |
| 25  | 110 mm dia U-PVC Door Bend   | 4    | Nos  | 204.70   | 818.80    |
| 26  | 110 mm dia U-PVC Plain Bend  | 2    | Nos  | 147.00   | 294.00    |
| 27  | 110 mm dia U-PVC Offset  | 2    | Nos  | 180.50   | 361.00    |
| 28  | 110 mm dia U-PVC Cowl  | 2    | Nos  | 77.30    | 154.60    |
| 29  | 125 mm dia C.P.grating   | 2    | Nos  | 68.30    | 136.60    |
| 30  | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.  | 4    | Nos  | 267.40   | 1069.60   |
| 31  | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm2) | 5.00 | Mtr  | 1,058.90 | 5294.50   |
| 32  | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]   | 3.00 | Mtr  | 94.50    | 283.50    |
| 33  | Holder BK angle  | 6    | each | 14.68    | 88.08     |
| 34  | Fitting and fixing of ceiling fan  | 4    | each | 2200     | 8800.00   |
| 35  | Fan regulator in existing switch board etc all.  | 4    | each | 280.82   | 1123.28   |
| 36  | Supply instation testing and commissioning 10watt  | 10   | each | 167.58   | 1675.80   |
|     |  |      |      |          | 249346.06 |
| Say |  |      |      |          | 249346.00 |

My quoted rate is \_\_\_\_\_% (infigure) \_\_\_\_\_% (inwords) \_\_\_\_\_% excess over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work .....

on payment of Rs.

( Rupees

) only towards cost of


  
 CDM & PHO, Balasore

**Assistant Engineer  
NHM, Balasore**

**TENDER SCHEDULE**

( BILL OF QUANTITY ) - 18/01

|         | Name of work-  | Renovation of Sc at Ramdha under Bahanaga Block |        |                          |                     |
|---------|--|---|--------|--------------------------|---------------------|
|         | Estimated Cost-  | Rs-249316.00                                    |        |                          |                     |
|         | E.M. to be Deposited-  |   |        |                          |                     |
|         | Cost Of Tender paper with VAT 4%   | Rs-   |        |                          |                     |
|         | Date of sale of Tender   |   |        |                          |                     |
|         | Date of Receipt of Tender  |   |        |                          |                     |
|         | Date of opening of Tender  |   |        |                          |                     |
|         | Time of completion   |   |        |                          |                     |
|         | Class of Contractor  |   |        |                          |                     |
| Sl. No. | DESCRIPTION OF ITEMS   | No. or Qty                                      | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1       | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |   |        |                          |                     |
|         | Slab   | 0.17  | 1 Cum  | 9003.19                  | 1529.00             |
| 2       | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.17  | 1 Qtl. | 8107.77                  | 1377.00             |
| 3       | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.  | 0.89  | 1 Sqm  | 1220.30                  | 1088.00             |

  
 Assistant Engineer  
 NRM, Balasore


BOQ - 18/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.30  | 1 Cum | 4412.93 | 1311.00  |
| 5  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 7.32  | 1sqm  | 195.50  | 1430.00  |
| 6  | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.  | 3.72  | 1 Cum | 287.93  | 1070.00  |
| 7  | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)   | 11.67 | 1 Cum | 515.93  | 6021.00  |
| 8  | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.   | 1.67  | 1 Cum | 4114.36 | 6853.00  |
| 9  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In foundation)     | 2.52  | 1 Cum | 4412.93 | 11136.00 |
| 10 | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 31.65 | 1 Sqm | 142.39  | 4507.00  |

  
 Assistant Engineer  
 NHM, Balasore

BOG-18/03

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 11 | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 16.51  | 1sqm  | 199.99  | 3301.00  |
| 12 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 4.39   | 1 Cum | 152.49  | 669.00   |
| 13 | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 33.08  | 1 Sqm | 964.52  | 31903.00 |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 2.89   | kg    | 7472.68 | 21596.00 |
| 15 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.  | 3.15   | 1 Sqm | 707.29  | 2226.00  |
| 16 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 6.50   | 1 Sqm | 955.54  | 6214.00  |
| 17 | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 398.34 | 1 Sqm | 120.56  | 48026.00 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.  | 284.46 | 1 Sqm | 128.31  | 36499.00 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 55.29  | 1 Sqm | 190.85  | 10552.00 |
| 20 | Branding for HWC as per specification in outer plaster surface including all complete   | 562.53 | 1sft  | 50.00   | 28126.60 |

  
Assistant Engineer  
NITM, Balasore

BQ-18/04

|    |  |      |      |          |               |
|----|--|------|------|----------|---------------|
| 21 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or laying in trenches including jointing with supply of approved rubber lubricant by non-heat application method as per manufacturer's specification, testing, e.w. in excavation in all kinds of soil and refilling of trenches as per direction of E.I.C. a) 110 mm dia U-PVC Pipes (4 Kgf/Cm2)   | 8.00 | Mtr  | 206.00   | 1648.00       |
| 22 | 110 mm dia U-PVC P Trap  | 3    | Nos  | 299.70   | 899.10        |
| 23 | 110 mm dia U-PVC Double Junction Door  | 2    | Nos  | 350.30   | 700.60        |
| 24 | 110 mm dia U-PVC Plain Tee   | 2    | Nos  | 267.00   | 534.00        |
| 25 | 110 mm dia U-PVC Door Bend   | 4    | Nos  | 204.70   | 818.80        |
| 26 | 110 mm dia U-PVC Plain Bend  | 2    | Nos  | 147.00   | 294.00        |
| 27 | 110 mm dia U-PVC Offset  | 2    | Nos  | 180.50   | 361.00        |
| 28 | 110 mm dia U-PVC Cowl  | 2    | Nos  | 77.30    | 154.60        |
| 29 | 125 mm dia C.P.grating   | 2    | Nos  | 68.30    | 136.60        |
| 30 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.  | 4    | Nos  | 267.40   | 1069.60       |
| 31 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kgf/Cm2) | 5.00 | Mtr  | 1,058.90 | 5294.50       |
| 32 | Supplying all materials, labour, T&P and providing and fixing to wall or ceiling and floor PVC Pipes conforming to ASTM-D-1785/89(sch-40/80) and pipe fittings of the following nominal bore with clamps including making good the wall, ceiling and floor testing all complete as per specification and direction of E.I.C - 15 mm dia PVC (ASTM) Pipe [Internal]   | 3.00 | Mtr  | 94.50    | 283.50        |
| 33 | Holder BK angle  | 6    | each | 14.68    | 88.08         |
| 34 | Fitting and fixing of ceiling fan  | 4    | each | 2200     | 8800.00       |
| 35 | Fan regulator in existing switch board etc all.  | 4    | each | 280.82   | 1123.28       |
| 36 | Supply instation testing and commissioning 10watt led bulb etc all.  | 10   | each | 167.58   | 1675.80       |
|    |  |      |      |          | 249316.06     |
|    |  |      |      |          | Say 249316.00 |

My quoted rate is \_\_\_\_\_  
 (infigure) \_\_\_\_\_ % (in words) \_\_\_\_\_ % excess  
 over/less than/equal to the above estimated cost.

**Signature of Contractor**

Sold for the work \_\_\_\_\_  
 on payment of Rs. \_\_\_\_\_ ( Rupees

\_\_\_\_\_ ) only towards cost of

  
 Assistant Engineer  
 NHM, Balasore

  
 CDM & PHO, Balasore

**TENDER SCHEDULE**  
(BILL OF QUANTITY) - 19/01

| Name of work-                    |  | Renovation of Sc at Dwarika under Bahanaga Block |        |                          |                     |
|----------------------------------|--|--|--------|--------------------------|---------------------|
| Estimated Cost-                  |  | Rs- 251918.00                                    |        |                          |                     |
| E.M. to be Deposited-            |  |  |        |                          |                     |
| Cost Of Tender paper with VAT 4% |  | Rs-  |        |                          |                     |
| Date of sale of Tender           |  |  |        |                          |                     |
| Date of Receipt of Tender        |  |  |        |                          |                     |
| Date of opening of Tender        |  |  |        |                          |                     |
| Time of completion               |  |  |        |                          |                     |
| Class of Contractor              |  | "D" & "C" Class                                  |        |                          |                     |
| Sl. No.                          | DESCRIPTION OF ITEMS   | No. or Qty                                       | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>in Rupees |
| 1                                | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges, T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |  |        |                          |                     |
|                                  | Slab   | 0.17   | 1 Cum  | 9090.30                  | 1544.00             |
| 2                                | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.  | 0.17   | 1 Qtl. | 8099.05                  | 1375.00             |
| 3                                | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T & P etc. complete as per direction of the Engineer-in-charge.   | 0.89   | 1 Sqm  | 1217.54                  | 1085.00             |

  
 Assistant Engineer  
 NHM, Balasore

BOG-19/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.30  | 1 Cum | 4374.65 | 1300.00  |
| 5  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 7.32  | 1sqm  | 197.55  | 1445.00  |
| 6  | Earth work in excavation of foundation in hard soil with all leads and lifts including dressing and levelling the bed and depositing the excavated earth at place away from work site with all . complete as per specification and direction of the Engineer-in-charge.  | 3.72  | 1 Cum | 287.93  | 1070.00  |
| 7  | Supplying filling in foundation and plinth with fine coarse sand of approved quality in layer not exceding 23.5 cm (5') free from organic and vegetation materials, well watered and rammed including allcomplete as per the specification and direction of the Engineer-in-charge(Measurement will be taken on finished compacted section only)   | 11.67 | 1 Cum | 649.25  | 7578.00  |
| 8  | Cement concrete of proportion (1:4:8) in foundation and plinth using 4cm size clean hard hand broken granite metal of complete as per specification and direction of the Engineer-in-charge.   | 1.67  | 1 Cum | 4223.78 | 7035.00  |
| 9  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In foundation)     | 2.52  | 1 Cum | 4374.65 | 11039.00 |
| 10 | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 31.65 | 1 Sqm | 144.09  | 4561.00  |

*Beta*  
25/11/27

**Assistant Engineer**  
NHM, Balasore

BOQ-19/03

|    |   |        |       |         |          |
|----|---|--------|-------|---------|----------|
| 11 | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.  | 16.51  | 1sqm  | 202.03  | 3335.00  |
| 12 | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc. complete as per direction of the Engineer-in-charge.   | 4.39   | 1 Cum | 153.18  | 672.00   |
| 13 | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.   | 33.08  | 1 Sqm | 964.14  | 31890.00 |
| 14 | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.  | 2.89   | kg    | 7472.68 | 21596.00 |
| 15 | Providing and fixing Glazed tile in dado,skirting riser of steps on 12 mm thick cement plaster 1:3 jointed with neat cement slurry mixed with pigment to match the shades of the tiles including rubbing and polishing complet including cost of precast tiles, all materials,labour,t&p,all taxes of materials etc complete as per instruction of Architect and Engineer in charge.  | 3.15   | 1 Sqm | 705.92  | 2222.00  |
| 16 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm confirming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones. | 6.50   | 1 Sqm | 955.16  | 6211.00  |
| 17 | Distempering two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.  | 398.34 | 1 Sqm | 120.56  | 48026.00 |
| 18 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer-in-charge.  | 284.46 | 1 Sqm | 128.31  | 36499.00 |
| 19 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer-in-charge.  | 55.29  | 1 Sqm | 190.85  | 10552.00 |
| 20 | Branding for HWC as per specification in outer plaster surface including all complete   | 562.53 | 1sft  | 50.00   | 28126.60 |
| 21 | Supplying all materials, labour T&P and fitting & fixing U-PVC  | 2.00   | Mtr   | 206.00  | 412.00   |

*Handwritten signature*

Assistant Engineer  
NHM, Balasora

BOQ-19/04

|    |   |      |      |          |           |
|----|---|------|------|----------|-----------|
| 22 | 110 mm dia U-PVC P Trap   | 2    | Nos  | 299.70   | 599.40    |
| 23 | 110 mm dia U-PVC Double Junction Door                             | 1    | Nos  | 350.30   | 350.30    |
| 24 | 110 mm dia U-PVC Plain Tee  | 1    | Nos  | 267.00   | 267.00    |
| 25 | 110 mm dia U-PVC Door Bend  | 2    | Nos  | 204.70   | 409.40    |
| 26 | 110 mm dia U-PVC Plain Bend                                       | 3    | Nos  | 147.00   | 441.00    |
| 27 | 110 mm dia U-PVC Offset   | 1    | Nos  | 180.50   | 180.50    |
| 28 | 110 mm dia U-PVC Cowf   | 1    | Nos  | 77.30    | 77.30     |
| 29 | 125 mm dia C.P.grating  | 2    | Nos  | 68.30    | 136.60    |
| 30 | Supplying all materials, labour T&P and fixing wash basins with   | 1    | No   | 2,651.80 | 2651.80   |
| 31 | Supplying all materials, labour T&P and fixing mirror of superior | 1    | No   | 695.70   | 695.70    |
| 32 | Supplying all materials, labour T&P and fixing standard size C.P. | 3    | Nos  | 267.40   | 802.20    |
| 33 | Supplying all materials, labour T&P and cutting holes through     | 3    | Nos  | 176.60   | 529.80    |
| 34 | Supplying all materials, labour, T&P and laying 110 mm dia U-     | 4.00 | Mtr  | 1,058.90 | 4235.60   |
| 35 | Supplying all materials, labour, T&P and providing and fixing to  | 4.00 | Mtr  | 94.50    | 378.00    |
| 36 | 25 mm dia PVC (ASTM) Pipe) [External]                             | 8.00 | Mtr  | 87.20    | 697.60    |
| 37 | Supplying all materials, labour, T&P and cutting holes through    | 4    | 8    | 47.50    | 190.00    |
| 38 | Holder BK angle   | 7    | each | 14.68    | 102.76    |
| 39 | Fitting and fixing of ceiling fan                                 | 4    | each | 2200     | 8800.00   |
| 40 | Fan regulator in existing switch board etc all.                   | 4    | each | 280.82   | 1123.28   |
| 41 | Supply instation testing and commissioning 10watt                 | 10   | each | 167.58   | 1675.80   |
|    |   |      |      |          | 251917.64 |
|    |   |      |      | Say      | 251918.00 |

My quoted rate is  
 (infigure) \_\_\_\_\_ %(inwords) \_\_\_\_\_ % excess  
 over/less than/equal to the above estimated cost.

Signature of Contractor

Sold for the work .....  
 on payment of Rs.

( Rupees

) only towards cost of

*H. H. J.*  
*25/11/24*

*✓*  
*25/11/24*  
 CDM & PHO, Balasore

Assistant Engineer  
 NHM, Balasore

**TENDER SCHEDULE**

(BILL OF QUANTITY) - 20/01

| Name of work-                    |   | Renovation of Sc at Bajana under Bahanaga Block |        |                          |                     |
|----------------------------------|---|---|--------|--------------------------|---------------------|
| Estimated Cost-                  |   | Rs.256801.00                                    |        |                          |                     |
| E.M. to be Deposited-            |   |   |        |                          |                     |
| Cost Of Tender paper with VAT 4% |   | Rs-   |        |                          |                     |
| Date of sale of Tender           |   |   |        |                          |                     |
| Date of Receipt of Tender        |   |   |        |                          |                     |
| Date of opening of Tender        |   |   |        |                          |                     |
| Time of completion               |   |   |        |                          |                     |
| Class of Contractor              |   |   |        |                          |                     |
| Sl. No.                          | DESCRIPTION OF ITEMS  | No. or Qty                                      | UNIT   | Estimated Rate<br>Figure | AMOUNT<br>In Rupees |
| 1                                | R.C.C. work of M-20 grade with 12mm and down graded hard granite crusher broken chips of approved quality and from approved quarry including mixing ,hoisting, lowering, laying and compacting concrete in layers of specific thickness conforming to technical terms & condition of M20 grade concrete including centering shuttering and finished the exposed surface smooth providing beads where necessary including watering, curing, with all cost, conveyance, royalty taxes of all materials, all labour charges,T&P articles required for the work etc. complete as per the specification and direction of the Engineer-in-charge. |   |        |                          |                     |
|                                  | Slab  | 0.18  | 1 Cum  | 9124.26                  | 1678.00             |
| 2                                | Straightening, bend up or coiled rod, cutting, bending, cranking, hooking welding or jointing (if required the MS/Tor rod and binding wire, laying the grills and placing in proper position as required for R.C.C. work providing fan hooks when necessary including cost conveyance, royalty taxes of M.S. or Tor steel and binding wire of 18 to 20 gauge and cost of all labour T&P required for the work as per the specification and direction of the Engineer-in-charge.   | 0.04  | 1 Qtl. | 8100.94                  | 324.00              |
| 3                                | Providing fixing granite floor tiles in floors, treads or steps and landing on 25mm thick bed of c:m (1:1) jointed with neat cement slurry mixed with pigment to match the shades of tiles including cost & conveyance of materials, royalty labour, T &P etc. complete as per direction of the Engineer-in-charge.   | 2.72  | 1 Sqm  | 1676.10                  | 4555.00             |



**Assistant Engineer  
NHM, Balasore**

BOQ-20/02

|    |  |       |       |         |          |
|----|--|-------|-------|---------|----------|
| 4  | 250mm thick Flyash.brick work in cement mortar (1:6) after immersing brick for six hours in water before use in superstructure with good quality clamp brunt of brick 25 cm x 12 cm x 8 cm size having crushing strength not less than 100kg . Per Sqm. Including splays cutting circular molding and similar such type of work with necessary projections, chamfering and corbelling watering and curing etc. complete including cost conveyance and royalty of all materials with all taxes and all labour with T&P articles required for the work etc. complete as per specification and direction of the Engineer-in-charge.In Superstructure) | 0.42  | 1 Cum | 4556.49 | 1896.00  |
| 5  | 12mm thick cement plaster in Cement mortar (1:6) finished smooth to out side the plaster after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 23.51 | 1 Sqm | 143.69  | 3378.00  |
| 6  | 16mm thick cement plaster in Cement mortar (1:6) finished smooth to over brick walls after racking out the joints of brick work with watering curing and cost conveyance, royalty taxes of all materials all labour T&P etc. complete in all respect as per specification and direction of the Engineer-in-charge.   | 25.95 | 1sqm  | 201.55  | 5231.00  |
| 7  | Providing 6mm thick C.P. in R.C.C surface including close deep chipping & slurry treatment with cost, conveyance of materials labour, T&P required for the work including royalty etc.complete as per direction of the Engineer-in-charge.   | 18.95 | 1 Cum | 153.42  | 2907.00  |
| 8  | Fixing vetrified tiles of coloured/printed series(homogenous) 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 pigments to match the shade of the tiles including rubbing and polishing complet excluding cost of precast tiles per 1sqm.  | 13.38 | 1 Sqm | 971.05  | 12990.00 |
| 9  | Providing for fitting & fixing M.S. grill as per approved desing in position iron fittings such as bolt, rings with all cost, conveyance royalty T&P articles complete as per specification and direction of the Engineer-in-charge.   | 3.34  | qtl   | 7472.68 | 24959.00 |
| 10 | :Fixing of ceramic wall tiles in dados, skirting riser of stepps 20cmx30cm / 20cmx20cm special plane / printed series of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753 on12 mm thick bed of Cement mortar 1:3 ( 1 Cement :3 sand ) jointed with neat Cement slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.   | 22.27 | 1 Sqm | 713.81  | 15899.00 |

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|    |  |        |       |          |          |
|----|--|--------|-------|----------|----------|
| 11 | :Fixing of ceramic floor tiles of Size 30cmx30cm / 40cmx40cm special plane / printed series of premium grade having thickness 7mm to 8mm conforming to IS 13753 laid on on 25mm thick bed of Cement mortar 1:4 ( 1 Cement : 4 sand ) and filling joint with white Cement of approved quality in slury mixed with pigment to match the shades of the tiles including rubbing and polishing complete including cost of tiles or stones.  | 19.51  | 1 Sqm | 962.06   | 18769.00 |
| 12 | Distemping two coats to the wall surface with any approved paint over a one coat of primer including cost of distemper etc. in all respect as per the specification & direction of the Engineer in charge.   | 274.49 | 1 Sqm | 120.56   | 33093.00 |
| 13 | Finishing wall with water proofing weather coat of approved shade on new work over a one coat of primer to given shade to outside wall with all cost, conveyance royalty taxes of all materials and all labour T&P required for the work etc. complete as per direction of the Engineer in charge.   | 378.86 | 1 Sqm | 128.31   | 48611.00 |
| 14 | Painting two coats of synthetic enamel paint over one coat of primer on steel surface including necessary preparation of surface, cost & conveyance of materials, labour, T&P etc. complete to shape as per direction of the Engineer in charge.   | 55.29  | 1 Sqm | 190.85   | 10552.00 |
| 15 | Branding for HWC as per specification in outer plaster surface including all complete  | 458.53 | 1sft  | 50.00    | 22926.60 |
| 16 | :2.5 cm thick grading concrete (1:2:2) on Roof slab with 6 mm size hard broken granite chips on new works  | 87.79  | sqm   | 291.31   | 25574.00 |
| 17 | Supplying all materials, labour T&P and fitting & fixing U-PVC ventilating pipes and fittings of the following O.D conforming to ISI No. 4985/2000 to walls with nails, bobbins and wooden plugs or  | 10.00  | Mtr   | 206.00   | 2060.00  |
| 18 | 110 mm dia U-PVC P' Trap   | 3      | Nos   | 299.70   | 899.10   |
| 19 | 110 mm dia U-PVC Double Junction Door  | 2      | Nos   | 350.30   | 700.60   |
| 20 | 110 mm dia U-PVC Plain Tee   | 2      | Nos   | 267.00   | 534.00   |
| 21 | 110 mm dia U-PVC Door Bend   | 4      | Nos   | 204.70   | 818.80   |
| 22 | 110 mm dia U-PVC Plain Bend  | 2      | Nos   | 147.00   | 294.00   |
| 23 | 110 mm dia U-PVC Offset  | 2      | Nos   | 180.50   | 361.00   |
| 24 | 110 mm dia U-PVC Cowl  | 2      | Nos   | 77.30    | 154.60   |
| 25 | 125 mm dia C.P.grating   | 3      | Nos   | 68.30    | 204.90   |
| 26 | Supplying all materials, labour T&P and fixing standard size C.P. soap holder complete with c.p brass brackets fixed to wooden plugs with cp screws as per PH specification and direction of E.I.C C.P.Soap Holder.  | 3      | Nos   | 267.40   | 802.20   |
| 27 | Supplying all materials, labour T&P and cutting holes through brick/stone masonry walls for taking PVC pipes and fittings including making good the damages etc. all complete as per P.H. specification and direction of E.I.C. - 250 mm thick wall  | 3      | Nos   | 176.60   | 529.80   |
| 28 | Supplying all materials, labour, T&P and laying 110 mm dia U-PVC Pipe and aligning to requisite gradient inside the trench encasing all round of the pipe with c.c (1:3:6) using 4 CM size h.g. metal and CC(1:3:6) with 4CM size h.g. metal in the bed of the trench including lowering the pipes to the bed of the trench, earth excavation in trenches in all kinds of soil, refilling the same in layer of 0.3 mtrs with watering and ramming, removing of surplus earth, testing of sewerage line including use of T&P as per PH Specification and direction of E.I.C. 110 mm dia U-PVC Pipe Sewerage line with all round encasing ( IS-4985/2000- 4 Kg/Cm <sup>2</sup> ) | 3.00   | Mtr   | 1,058.90 | 3176.70  |

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