

## BILL OF QUANTITY

**NAME OF THE WORK : Construction of AWC building at Tulasipur, Kandraposi GP**

| SL | Description of Items  | Unit            | Quantity | Rate     | Amount  |           |
|----|---|-----------------|----------|----------|---|-----------|
| 1  | 2   | 3               | 4        | 5        | 6   |           |
| 1  | Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth and making it fit for laying concrete and depositing the excavated materials away from the work site with all leads and lifts including dewatering if necessary from foundation complete as directed by Engineer-in-Charge.   | One Cubic Meter | 74.84    | 182.77   | Rupees One Hundred Eighty Two And Seventy Seven Paise Only              | 13678.18  |
| 2  | Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P required for the work.   | One Cubic Meter | 51.50    | 360.26   | Rupees Three Hundred Sixty And Twenty Six Paise Only                    | 18551.58  |
| 3  | Cement concrete of proportion (1:4:8) with 40mm & down graded size hand broken H.G. metal for foundation concrete approved quality from approved quarry including hoisting, lowering and laying concrete to the required level ramming, watering, curing etc. complete including cost, conveyance & royalty of materials with all labour charges.   | One Cubic Meter | 20.59    | 3914.60  | Rupees Three Thousand Nine Hundred Fourteen And Sixty Paise Only        | 80584.56  |
| 4  | Brick work with Fly Ash Bricks in cement mortar (1:6) in F & P of size 9"x5"x3" having crushing strength not less than 75 kg/cm <sup>2</sup> with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.  | One Cubic Meter | 22.32    | 4002.00  | Rupees Four Thousand Two Only   | 89317.81  |
| 5  | Brick work with Fly Ash Bricks in cement mortar (1:6) in <b>Superstructure</b> of size 9"x5"x3" having crushing strength not less than 75 kg/cm <sup>2</sup> with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect.  | One Cubic Meter | 54.49    | 4039.92  | Rupees Four Thousand Thirty Nine And Ninety Two Paise Only              | 220139.62 |
| 6  | RCC M-20 work with cement concrete with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and other taxes of all materials labour, T&P materials required for this item including hire and running charges of the machineries complete as directed by the Engineer-in-charge. |                 |          |          |   |           |
| a  | Column Base   | One Cubic Meter | 9.99     | 4802.96  | Rupees Four Thousand Eight Hundred Two And Ninety Six Paise Only        | 47997.38  |
| b  | Column in Superstructure  | One Cubic Meter | 5.71     | 10386.76 | Rupees Ten Thousand Three Hundred Eighty Six And Seventy Six Paise Only | 59320.02  |

|    |   |                  |        |          |   |           |
|----|---|------------------|--------|----------|---|-----------|
| c  | Plinth Beam   | One Cubic Meter  | 7.98   | 4651.40  | Rupees Four Thousand Six Hundred Fifty One And Forty Paise Only         | 37134.71  |
| d  | Beam  | One Cubic Meter  | 3.07   | 10386.76 | Rupees Ten Thousand Three Hundred Eighty Six And Seventy Six Paise Only | 31860.64  |
| e  | Lintal Band   | One Cubic Meter  | 2.70   | 8304.84  | Rupees Eight Thousand Three Hundred Four And Eighty Four Paise Only     | 22384.55  |
| f  | Chhaja  | One Square Meter | 18.53  | 753.81   | Rupees Seven Hundred Fifty Three And Eighty One Paise Only              | 13969.77  |
| g  | Slab  | One Cubic Meter  | 10.81  | 8861.40  | Rupees Eight Thousand Eight Hundred Sixty One And Forty Paise Only      | 95794.81  |
| 7  | Straightening bent up or coiled M.S. rod or HYSD steel (Fe-415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as required for RCC works including cost, conveyance and taxes of M.S. rod or HYSD steel and binding wires of 18 to 20 gauge and labour charges required for the work etc complete. | One Quintal      | 29.39  | 5451.40  | Rupees Five Thousand Four Hundred Fifty One And Forty Paise Only        | 160237.27 |
| 8  | 16mm (5/8") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.  | One Square Meter | 290.46 | 201.20   | Rupees Two Hundred One And Twenty Paise Only                            | 58440.33  |
| 9  | 12mm thick cement plaster (1:6) finishing smooth to Outside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete.  | One Square Meter | 261.62 | 142.40   | Rupees One Hundred Forty Two And Forty Paise Only                       | 37255.40  |
| 10 | 6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slurry treatment including punning including cost, conveyance & royalty of materials.   | One Square Meter | 104.29 | 154.10   | Rupees One Hundred Fifty Four And Ten Paise Only                        | 16070.82  |
| 11 | Supplying ,fitting and fixing vertrified tiles in floors,treads or steps of size 600mm x 600mm of approved make conforming to IS: 13755 laid on 20mm thick cement mortar (1:4) (1 cement : 4 cource sand) and filling joints with white   | One Square Meter | 83.57  | 1027.48  | Rupees One Thousand Twenty Seven And Forty Eight Paise Only             | 85862.60  |
| 12 | Fixing colour Glazed tiles in wall on 12 mm thick cement plaster(1:3) jointed with neat cement slurry mixed with pigments to matche shade of the tiles including polishing complete as per direction of Engineer-in-charge.   | One Square Meter | 9.78   | 695.10   | Rupees Six Hundred Ninety Five And Ten Paise Only                       | 6798.43   |

|              |  |                  |         |        |   |                   |
|--------------|--|------------------|---------|--------|---|-------------------|
| 13           | Supplying, fitting and fixing steel angle iron door & window with steel angle iron frame manufactured from standard rolled steel angle section of 40mmx40mmx6mm size with corners of the frame duly mattered and electrically welded with fishtail hold fasts made out of MS flat size 200mmx50mmx30mm wide and 5mm thick welded to the frame @ 6 nos per frame with 10mm dia MS round bar to be welded at the day with MS hinges of size 100mm 14SWG thick @ 3 nos and 15mm size 1 no. for single & double leaf shutter, aldrop staple and tower bolt hinges duly welded to the frame with one coat of anti corrosive red oxide zinc chrome primer including cost, conveyance, taxes of all materials with all labour charges for the work. | One Kilogram     | 1151.00 | 86.30  | Rupees Eighty Six And Thirty Paise Only             | 99331.30          |
| 14           | Painting two coats with any approved synthetic enamel paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges.   | One Square Meter | 59.13   | 184.50 | Rupees One Hundred Eighty Four And Fifty Paise Only | 10909.64          |
| 15           | Finishing walls with water proofing cement paint to exterior surface of wall with approved shade with two coats to give an even shade including cost of paint and cost of all labour with T&P.   | One Square Meter | 178.01  | 32.00  | Rupees Thirty Two Only                              | 5696.48           |
| <b>Total</b> |  |                  |         |        |   | <b>1211335.89</b> |

Approved 15 items only

*Signature*  
23/03/2024  
Asst Executive Engineer  
Keonjhar Sadar

*Signature*  
22/03/24  
Block Development Officer  
Keonjhar Sadar

*Signature*  
23/03/2024  
Executive Engineer  
DRDA, Keonjhar

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

**NOTES:**

1. The contractor should not write any thing excepting quoting of percentage and in case anything else regarding tender rate is mentioned, the tender is liable for rejection.
2. Strike out which is not applicable.
3. Percentage should be quoted up to 2 (two) digits after the decimal point.
4. Rate of all items are inclusive of cost, carriage, royalty and other taxes of material.

Tenderer

No. of Correction: .....

No. of over writing: .....

No. of interpolation: .....