

BILL OF QUANTITIES

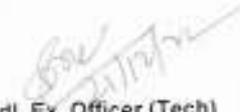
| NAME OF WORK-CONSTRUCTION OF SCIENCE LAB AT PRACTISING GIRLS HIGH SCHOOL, FAKIRPUR FOR THE YEAR-2022-23 | | | | | |
|--|--|------|----------|---|-----------|
| Amount put to Tender:- | | | | Rs 15,15,976.00 | |
| EMD:- | | | | Exempted vide Letter no-5984 dt.27-04-2021 | |
| Class of Contractor:- | | | | "D & C "Class only | |
| Cost of Tender paper:- | | | | Rs 6000.00 | |
| Date Required for Completion:- | | | | 6(six)Calendar month | |
| SL | Items of work | 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. | Cum | 55.97 | 195.40 | 10937.00 |
| 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. | Cum | 98.76 | 462.00 | 45627.00 |
| 3 | Cement concrete of proportion (1:3:6) 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. | Cum | 15.70 | 3807.40 | 59776.00 |
| 4 | CC (1:2:4) by using 12 mm size cbhg chipps including all cost etc complete | Cum | 4.98 | 6091.60 | 30336.00 |
| 5 | 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 ² with dimensional tolerance \pm 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. | Cum | 19.50 | 4371.80 | 85250.00 |
| 6 | Brick work with Fly Ash Bricks in cement mortar (1:6) in Superstructure of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² with dimensional tolerance \pm 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. | Cum | 29.03 | 4405.10 | 127880.00 |
| 7 | 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 | | | | |
| a | Column Base | Cum | 6.71 | 5052.61 | 33903.00 |
| b | Column & Beam | Cum | 6.71 | 10856.70 | 72848.00 |
| c | Plinth Band | Cum | 5.55 | 5430.39 | 30139.00 |
| d | Lintal Band | Cum | 2.39 | 8817.50 | 21074.00 |
| e | Chhaja | Sqm | 16.87 | 772.50 | 13032.00 |
| f | Slab | Sqm | 15.67 | 9023.10 | 141392.00 |

| | | | | | |
|----|--|---------|--------|---------|-------------------|
| 9 | 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. | Quintal | 40.54 | 8733.30 | 354048.00 |
| 9 | 2.5cm grading concrete (1:2:2) on roof slab with 6mm chips for the work etc complete. | Sqm | 113.18 | 304.10 | 34418.00 |
| 10 | 16mm (3/4") 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. | Sqm | 171.10 | 205.40 | 35144.00 |
| 11 | 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. | Sqm | 140.83 | 149.00 | 20984.00 |
| 12 | 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. | Sqm | 250.64 | 127.00 | 31831.00 |
| 13 | Supplying, fitting & fixing of stainless steel of 304 grade in hand railing using 50mm Dia of 2mm. thick circular pipe with Balustrade of size 32mm x32mm. x2mm @ 0.90m C/C and stainless square pipe bracing of size 32mm.x32mm.x2mm. In 3 rows in stair case. | Rmt | 8.53 | 3354.10 | 28610.00 |
| 14 | Supplying, fitting and fixing vetrified 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 course sand) and filling joints with white cement of approved qual. | Sqm | 29.81 | 1180.40 | 35188.00 |
| 15 | supplying fitting and fixing vetrified tile in rises of steps, dados & skirting on 12mm thick cement plaster (1:3) | Sqm | 2.43 | 1278.40 | 3107.00 |
| 16 | supplying fitting and fixing chequered tile in floors on 25mm thick bed of cement mortar (1:1) | Sqm | 10.78 | 824.10 | 8884.00 |
| 17 | supplying fitting and fixing chequered tile in floors on 25mm thick bed of cement mortar (1:1) | Sqm | 15.61 | 824.10 | 12864.00 |
| 18 | Finishing wall surface with acrylic putty new plaster surface. | Sqm | 421.75 | 118.20 | 49851.00 |
| 19 | Supplying and applying of primer over putty surface. | Sqm | 421.75 | 59.00 | 24883.00 |
| 20 | Cement wash 2 coat over new plaster work outer side surface. | Sqm | 140.83 | 22.90 | 3225.00 |
| 21 | Supplying and applying of plastic immersion paint over f inner side finishing area. | Sqm | 421.75 | 78.80 | 33234.00 |
| 22 | Wall painting with two coats weather coat paint of approved shade on new work to give an even shade including cost of paint. | Sqm | 140.83 | 90.80 | 12787.00 |
| 23 | Cost of Aluminium sliding shutter including cost, conveyance, taxes of all materials with all labour charges for the work. | Sqm | 12.15 | 5647.10 | 68612.00 |
| 24 | Providing & fixing of Ms grills including priming one coat approved steel primer including all cost. | Kg | 680.00 | 113.21 | 76983.00 |
| 25 | Two coats of enamale painting over one coat of Primer on iron works door & windows. | Sqm | 46.21 | 197.55 | 9129.00 |
| | | | | | 1515976.00 |
| | | | | Say | 1515976.00 |

GST cost in 18% will be add at the time of agreement.

Approved for 25(Twenty five) items only


Asst Executive Engineer
Anandapur Block


Addl. Ex. Officer (Tech)
ZP, Keonjhar


Block Development Officer
Anandapur Block

TO BE FILLED BY THE TENDERER

1) My / Our quoted rate is (both in figure and words)

| | in Figure | In words |
|------------------------|-----------|----------|
| Equal to Estimate Cost | % | |
| Excess in Percentage | % | |
| Less in Percentage | % | |

Notes:-

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering .
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose .
- 4) The percentage quoted at any other place will not be taken into consideration.


Block Development Officer
Anandapur Block

Addl. Ex. Officer (Tech.)
Zilla Parishad, Keonjhar