

Rate for Construction of Watch Tower at Dhobakura Elephant observation Camp of Patrasayer Range

As per PWD SOR Vol-I w. e. f. 1.11.2017, upto 14TH CORRIGENDA & ADDENDA ,dt- 08.03.2021
& As per PWD SOR Vol-II w. e. f. 1.11.2017, up to 7TH CORRIGENDA & ADDENDA ,dt- 22.01.2020,

| Sl. No. | PWD Sch. Page /Item No | Description of Items | No. | Length (M) | Width (M) | Depth (M) | Qty | Total Qty | Unit | Rate (Rs.) | Amount (Rs.) |
|--------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|-----------|-----------|--------|-----------|-------|------------|--------------|
| A. BUILDING WORKS | | | | | | | | | | | |
| 1 | Page No - 1 It No. - 1 | Surface dressing of brown in any kind of soil including removing vegetation inequalities no exciding 15 cm depth and disposal of rubbish within a lead upto 75 meter as Direcetd. | 1 | 3.000 | 3.000 | - | 9.000 | | | | |
| | | | | | | | | 9.000 | Sqm | 10.00 | 90.00 |
| 2 | Page No - 1 It No. - 2(a) | Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. | | | | | | | | | |
| | | (a) Depth of excavation not exceeding 1,500 mm. | | | | | | | | | |
| | | For Column foundation | 4 | 1.20 | 1.20 | 1.80 | 10.368 | | | | |
| | | | | | | | | 10.368 | % Cum | 11927.00 | 1,237.00 |
| 3 | Page No - 2 It No. - 4(a) (5th Corrigend a) | (A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) | | | | | | | | | |
| | | (B) Do - by fine sand | | | | | | | | | |
| | | FOUNDATION | | | | | | | | | |
| | | 1/3 rd of total excavation | | | | | | | | | |
| | | | | | | | 3.421 | 3.421 | % Cum | 59257.00 | 2,027.00 |
| 4 | Page No - 14 It No. - 1 | Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. | | | | | | | | | |
| | | FOUNDATION | | | | | | | | | |
| | | Column | 4 | 1.20 | 1.20 | - | 5.760 | | | | |
| | | Floor | 1 | 3.15 | 0.300 | | 0.945 | 6.705 | Sqm | 294.00 | 1,971.00 |
| 5 | Page No - 34 It No. - 22(iii)(a) | Cement concrete 6:3:1 with 32mm down graded gravel | | | | | | | | | |
| | | FOUNDATION | | | | | | | | | |
| | | Column | 4 | 2.00 | 2.00 | 0.200 | 3.200 | | | | |
| | | | | | | | | 3.200 | Cu.M. | 3255.00 | 10,416.00 |

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| 6 | Page No - 26 It No. - 10(i) Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. Local variety crusher broken. | | | | | | | | | |
| | Fdn | 4 | 1.200 | 1.200 | 0.150 | 0.864 | | | | |
| | Haunch | 4 | 1.000 | 0.530 | 0.225 | 0.477 | | | | |
| | Column | 4 | 0.375 | 0.375 | 7.625 | 4.289 | | | | |
| | Base girder | 1 | 9.000 | 0.375 | 0.375 | 1.266 | | | | |
| | Top girder | 1 | 9.000 | 0.250 | 0.250 | 0.563 | | | | |
| | Floor | 1 | 3.150 | 0.300 | 0.100 | 0.095 | | | | |
| | Roof | 1 | 3.150 | 3.150 | 0.100 | 0.992 | | | | |
| | | | | | | | 8.546 | Cu.M. | 4888.00 | 41,773.00 |
| 7 | Page No - 42 It No. - 36 (a) Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) | | | | | | | | | |
| | (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge. | | | | | | | | | |
| | Column | 4 | 7.625 | 1.500 | - | 45.750 | | | | |
| | Base girder | 1 | 1.125 | 12.000 | - | 13.500 | | | | |
| | Top girder | 1 | 1.000 | 12.000 | | 12.000 | | | | |
| | Roof | 1 | 3.150 | 3.150 | | 9.923 | | | | |
| | | | | | | | 81.173 | Sq.m | 321.00 | 26,057.00 |
| 8 | Page No - 44 It No. - 40(a) (2nd corrigendum dated 18.04.2018) Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. | | | | | | | | | |
| | (a) For works in foundation, basement and upto roof of ground floor/upto 4 m | | | | | | | | | |
| | (i) Tor steel/Mild Steel | | | | | | | | | |
| | I. SAIL/ TATA/RINL | | | | | | 1.020 | M.T. | 55204.59 | 56,303.00 |
| | | | | | | | | | | |


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| 9 | Page No - 15 It No. - 8 | Brick work with 1st class bricks in cement mortar (1:6) | | | | | | | | | |
| | | (b) In superstructure, ground floor | | | | | | | | | |
| | | | 4 | 3.000 | 0.250 | 1.430 | 4.290 | | | | |
| | | | | | | | | 4.290 | cum | 4682.81 | 20,089.00 |
| 10 | Page No - 16 It No. - 16 | 125 mm thick brick work with 1st class bricks and cement mortar (1:4) in ground floor | | | | | | | | | |
| | | Wall | 4 | 3.150 | 3.150 | | 39.690 | | | | |
| | | Wall (Bathroom)1 | 1 | 3.150 | 1.520 | | 4.788 | | | | |
| | | Wall (Bathroom)2 | 1 | 3.150 | 1.800 | | 5.670 | | | | |
| | | | | | | | | 50.148 | Sq.m | 617.45 | 30,964.00 |
| 11 | Page No - 4 It No. - 3 | Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches. | | | | | | | | | |
| | | Column | 4 | 7.000 | 1.000 | - | 28.000 | | | | |
| | | Tie Beam | 8 | 0.500 | 0.250 | - | 1.000 | | | | |
| | | Roof | 1 | 2.500 | 2.500 | | 6.250 | | | | |
| | | | | | | | | 35.250 | Sqm | 24.00 | 846.00 |
| 12 | Page No - 108 Item No 21 | 1 Supplying, fitting and fixing cast iron heavy type spiral staircase of approved design with 50 mm.dia. Stem and C.I. Steps 150 mm as per design 900 mm. high C.I. railing including necessary M.S. tie of suitable section embedded to wall with cement concrete (1:2:4) including cost of intermediate C.I. platform secured with necessary tie to stem and wall with cement concrete (1:2:4) including fixing the stem in ground with cement concrete (1:3:6) complete in all respect with all labour and materials. | | | | | | | | | |
| | | (Payment to be made on vertical height in between 1st step and top platform.) (a) With 1200 mm.dia. wel | | | | | | | | | |
| | | Roof Slab | | | | | | | | | |
| | | Stair | | | | | | | | | |
| | | Landing | | | | | | | | | |
| | | | | | | | | | | | |

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| 13 | Page No - 189 It No. - 1 | Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] | | | | | | | | | |
| | | (ii) With 1:4 cement mortar (Inside Plaster) | | | | | | | | | |
| | | (b) 15 mm thick plaster in outside wall | | | | | | | | | |
| | | Column | 4 | 1.500 | - | 6.000 | 36.000 | | | | |
| | | Beam | 1 | 12.000 | - | 1.125 | 13.500 | | | | |
| | | Roof Slab | 1 | 3.150 | - | 3.150 | 9.923 | | | | |
| | | Wall(With Deduction) | 6 | 3.150 | - | 3.150 | 59.535 | | | | |
| | | | | | | | | 118.958 | Sq. M | 145.22 | 17,275.00 |
| 14 | Page No - 192 It No. - 15 | Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. | | | | | | | | | |
| | | Outside | 4 | 2.50 | - | 0.366 | 3.660 | | | | |
| | | | | | | | | 3.660 | Sq. M | 32.75 | 120.00 |
| 15 | Page No - 196 It No. - 8 | Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. | | | | | | | | | |
| | | (b) Two Coats | | | | | | 118.958 | Sq. M | 45.10 | 5,365.00 |
| 16 | Page No - 197 It No. - 17 | Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.) In Ground floor (Two Coat) | | | | | | | | | |
| | | a) Normal Acrylic Emulsion | | | | | | 118.958 | Sq.M | 67.00 | 7,970.00 |
| | | | | | | | | | | | |

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| 17 | Page No - 37 It No. - 06 of Vol-II | Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity | 1 | | | | | 1.000 | each | 5128.00 | 5,128.00 |
| | A | Total for A. Building Works excluding GST & Cess | | | | | | | | | 2,57,475.00 |
| | B | Add GST @ 12.00 % on A | | | | | | | | Rs. | 30,897.00 |
| | C | Total including GST ie A+B | | | | | | | | Rs. | 2,88,372.00 |
| | D | Add Labour Cess @ 1.00% on C | | | | | | | | Rs. | 2,884.00 |
| | E | Total Estimated Value ie C+D | | | | | | | | Rs. | 2,91,256.00 |
| | F | Add Contingency @3.00% on C | | | | | | | | Rs. | 8,651.00 |
| | | OR SAY TOTAL | | | | | | | | | Rs. 2,99,907.00 |

only Rate noted

As per P.W.D SOR-Vol-I, w.e.f - 01/11/2017,
upto 14th corrigenda & Addenda, dt- 08/03/2021
& after P.W.D-SOR-Vol-II, w.e.f. 01/11/2017,
upto 7th corrigenda & Addenda, dt- 22/01/2022


Divisional Forest Officer
Bankura (North) Division


Executive Engineer
Bankura Division P.W.D
Govt. of West Bengal

18/11/22