

Page 1 of 5
Govt. of West Bengal
Irrigation & Waterways Dte.
Office of the Executive Engineer
West Midnapore Division
Medinipur, Paschim Medinipur
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WBIWEE/WMD/NIT 15 of 2016-17

Sl. No. 01

Schedule of Quantity, Unit, Rate and Amount for the work, "Reconstruction of Well for water supply at Sekhpura Irrigation campus with improvement of Approach Road and Rolling Shutter of Recreation Club under Anicut (Hd.Qrts.) Section of Lachmapur (I) Sub-Division under West Midnapore Division at Midnapore, Paschim Medinipur.

Amount put to Tender : ₹ 4,11,301.00

Earnest Money : ₹ 8,226.00

Time allowed for Completion : 30 days

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
1	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	16.00	Cu.M.	₹ 451.00	Rupees four hundred fifty one paise zero only	₹ 7,216.00
	(c) Extra rate for careful dismantling and recovering at least 150 no of useable bricks per	16.00	Cu.M.	58.00	Rupees fifty eight paise zero only	₹ 928.00
2	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and rereoving rubbish as directed within a lead of 75 m In ground floor including roof. (a) Unto 150 mm thick	0.97	Cu.M.	₹ 949.00	Rupees nine hundred forty nine and paise zero only	₹ 921.00
3	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. (a) In ground floor including roof.	0.58	Cu.M.	₹ 1,975.00	Rupees one thousand nine hundred seventy five and paise zero only	₹ 1,146.00
4	Taking out and removing silt from the bottom of well after bailing out water, removing moss and weed from the well surface (by wire brush) and disinfecting the well complete. (g) Dia of well 2.85 m to 3 m	1.00	Each	₹ 1,635.00	Rupees one thousand six hundred thirty five and paise zero only	₹ 1,635.00
5	Removing and cleaning hard scum and silt from the bottom of the masonry well from 45cm below the ordinary silt level the kerb level. (c) Dia of well 1.6 m to 1.8 m	3.00	Mtr	₹ 1,087.00	Rupees one thousand eighty seven and paise zero only	₹ 3,261.00
6	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.	92.20	%Cu.M.	₹ 12,047.00	Rupees twelve thousand forty seven and paise zero only	₹ 11,107.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
7	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation.	18.500	%Cu.M.	7831.00	Rupees seven thousand eight hundred thirty one and paise zero only	₹ 1,449.00
8	Labour for laying soling with departmental bricks including carriage of departmental bricks within a lead of 150 metres preparation of bed as necessary with brick joints properly filled in and packed with brick joints properly filled in and packed with local sand or powdered earth and including necessary cushion of similar materials below the soling (and in between layers when more than one layer is used) (a) Single brick flat soling (thickness 75 mm)	61.00	%Sqm	₹ 3,620.00	Rupees seven and paise seventy only	₹ 2,208.00
9	Labour for breaking 1/2 Bricks or Full Bricks (Old / New) into metal / Khoa / chips as per specific size and stacking the same at site or stackyard with due allowance of sinkage / shrinkage as per direction of the Engineer in charge. (a) Metal Size 50 mm to 65 mm	3.00	Cu.M.	252.00	Rupees two hundred fifty two paise zero only	₹ 756.00
10	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	66.00	Sqm	₹ 362.00	Rupees three hundred sixty two and paise zero only	₹ 23,892.00
11	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.	75.00	Sqm	₹ 25.00	Rupees twenty five and paise zero only	₹ 1,875.00
12	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. a) Pakur Variety	6.50	Cu.M.	₹ 6,059.55	Rupees six thousand fifty nine and paise five five only	₹ 39,387.00
13	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. (i) Pakur Variety	12.90	Cu.M.	₹ 6,798.75	Rupees six thousand seven hundred ninety eight and paise seven five only	₹ 87,704.00
14	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	6.00	Sqm	₹ 759.00	Rupees seven hundred fifty nine and paise zero only	₹ 4,554.00
15	Brick work with 1st class bricks in cement mortar (4:1) (b) In superstructure, ground floor	0.13	Cu.M.	₹ 6,077.00	Rupees six thousand seventy seven and paise zero only	₹ 790.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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16	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.	95.00	Sqm	₹ 343.00	Rupees three hundred forty three and paise zero only	₹ 32,585.00
17	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	1.02	M.T.	₹ 52,195.20	Rupees fifty two thousand one hundred ninety five paise two zero only	₹ 53,239.00
18	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 (a) 20 mm thick plaster	44.50	Sqm	₹ 191.00	Rupees one hundredninety one and paise zero only	₹ 8,500.00
19	Neat cement punning about 1.5mm thick in wall,dado,window sill,floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.	44.50	Sqm	₹ 38.00	Rupees thirty eight and paise zero only	₹ 1,691.00
20	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-incharge. a) 3.90 metre height	1.00	Each	₹ 386.00	Rupees four hundred eighty four and paise zero only	₹ 386.00
21	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (ii) Grill weighing above 16 Kg./sq.mtr and above New Grill Gate	1.156	Qtl	₹ 8,053.00	Rupees eight thousandfifty three and paise zero only	₹ 9,309.00
22	Supplying fitting and fixing I.R.C. fabric mesh with covering battens including cost of screws etc complete (excluding the cost of battens). In ground floor. (c) 75mm x 25mm x 4.5mm x 2.7mm.	3.50	Sqm	₹ 303.00	Rupees three hundred three and paise zero only	₹ 1,061.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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23	(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	13.00	Sqm	₹ 31.00	Rupees thirty one and paise zero only	₹ 403.00
24	Painting with best quality synthetic enamel paint of approved make and brand including smoothening. (b) On steel or other metal surface : (iv) Two coats (with any shade except white)	13.00	Sqm	₹ 86.00	Rupees eighty six and paise zero only	₹ 1,118.00
25	Supply of PVC pipes & fittings (medium duty) conforming to ASTM D -1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). (A) PVC Pipes	16.90	Mtr	₹ 610.00	Rupees six hundred ten and paise zero only	₹ 10,309.00
	80 mm dia (A) PVC Pipes	7.70	Mtr	₹ 219.00	Rupees two hundred nineteen and paise zero only	₹ 1,686.00
26	Supply of G.I. bend. (viii) 80 mm	1.00	Each	₹ 1,745.00	Rupees one thousand seven hundred forty five and paise zero only	₹ 1,745.00
27	Supply of G.I. plain equal elbow of approved brand and make. (viii) 80 mm	3.00	Each	₹ 435.00	Rupees four hundred thirty five and paise zero only	₹ 1,305.00
28	Supply of G.I. nipple standard 50 mm long. (viii) 80 mm	2.00	Each	₹ 364.00	Rupees three hundred sixty four and paise zero only	₹ 728.00
29	Supply of G.I. short piece of TATA make (Above 50mm & upto 150 mm) (viii) 80 mm	2.00	Each	₹ 254.00	Rupees two hundred fifty four and paise zero only	₹ 508.00
30	Labour for fitting and fixing high density polyethylene pipes or P.V.C. pipes for above ground work including cost of jointing materials paints etc. (B) Under Ground	16.90	Mtr	₹ 86.00	Rupees eighty six and paise zero only	₹ 1,453.00
	(viii) 75 mm dia. / 80 mm dia. (v) 40 mm dia.	7.70	Mtr	₹ 86.00	Rupees eighty six and paise zero only	₹ 662.00
31	Dewatering by pumps within all lifts and making all arrangements for disposal of the same upto a specified distance, where continuous flow or seepage of water is encountered, as directed. The rating of pumps and hours of operations is ascertained as per direction of the Engineer-in-charge	1980.00	Hp, Hr	₹ 30.80	Rupees thirty and paise eight zero only	₹ 60,984.00
32	Supplying, fitting and fixing steel rolling shutter profile type with 18 B.G. of approved type steel latched section 75mm wide, fitted with coil wire spring to necessitate the fitting of required Nos. of C.I. Pulleys on heavy type solid drawn seamless steel tube complete with locking arrangements both inside and outside specially built up side guide channels including providing a hood for the steel rolling shutter in the room, painting two coats of approved aluminium paint over a coat of red lead primer complete.	8.34	Sqm	₹ 2,688.00	Rupees two thousand six hundred eighty eight and paise zero only	₹ 22,418.00

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				Figure	Word	
33	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	73.70	Cu.M.	₹ 168.00	Rupees one hundred sixty eight and paise zero only	₹ 12,382.00
Total Amount put to Tender in figure =						₹ 4,11,301.00
Total Amount put to Tender in word :			Rupees four lakh eleven thousand three hundred one only			

Executive Engineer
West Mysore Division
Irrigation & Waterways Dte.
Paschim Medinipur

I / We do hereby agree to do the above work @

Above / Less / At par than this Schedule Of Rates attached herewith.

(Signature of the Contractor)