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Govt. of West Bengal
 Irrigation & Waterways Dte.
 Office of the Executive Engineer
 West Midnapore Division
 Medinipur, Paschim Medinipur
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WBIW/EE/WMD/NIT 17 of 2016-17

Sl. No. 12

Schedule of Quantity, Unit, Rate and Amount for the work, " M/R to Gr - IV(D-Type) staff Qtr at Jhargram Irrigation Sub Division Office campus (G-1) under Hd - Qtr Section of Jhargram Irrigation Sub - Division within West Midnapore Division during 2016-17".

Amount put to Tender : ₹ 339,321.99

Earnest Money : ₹ 6,786.00

Time allowed for Completion : 60 days

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
1	Dismantling all types of plain cement concrete works , slacking serviceable materials at site and removing rubbish as directed within lead of 75 m .In ground floor including roof . Upto 150 mm thickness	7.925	Cum	₹ 949.00	Rupees nine hundredforty nine paise zero only	₹ 7,520.83
2	Dismantling artificial stone flooring up to 50 mm thick by carefully chieilling without damaging the base and removing rubbish as directed within lead of 75 m . In ground floor including roof	34.888	Sqm	₹ 50.00	Rupees fifty and paise zero only	₹ 1,744.40
3	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & re fixing the same including mending good all damages complete. (Concrete and brickwork for mending damages will be paid separately). Upto area 2.50 sqm	18.120	Sqm	₹ 121.00	Rupees one hundred twenty one and paise zero only	₹ 2,192.52
4	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 . In ground floor including roof	0.722	Cum	₹ 1,975.00	Rupees one thousand nine hundred seventy five and paise zero only	₹ 1,425.95
5	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 . In ground floor including roof	1.787	Cum	₹ 451.00	Rupees four hundred fifty one and paise zero only	₹ 805.94
6	Stripping off worn out plaster and racking out joints of walls ceilings etc up to any height and in any floor including removing rubbish within a lead of 75 m as directed.	249.004	Sqm	₹ 19.00	Rupees nineteen and paise zero only	₹ 4,731.08
7	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 I S codes . (A) Pakur variety	7.925	Cum	6108.32	Rupees six thousand thirty five and paise zero only	₹ 48,408.44
8	Woodwork in door and window frame fitted in position complete including a protective coat of priming at the contact surface of the frame excluding cost of concrete ,Iron butt hinges and M.S clamps .(The quantum should be corrected up to three decimals) . Sishu , Gamar, Champ, badam, Bhola, Mongra, Hallak	0.422	Cum	₹ 81,778.00	Rupees eighty one thousand seven hundred seventy eight and paise only	₹ 34,510.32

Abstract of Cost

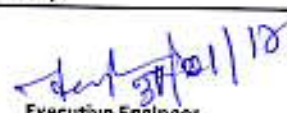
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9	Panel shutter of door and window as per design (each panel plank without joint) including fitting and fixing the same in position but excluding the cost of hinge and other fittings In ground floor i) 35 mm th shutter with 19 mm thick panel of size 30 cm to 45 cm Sishu , Gamar, Champ, badam, Bhola, Mongra, Hallak	12.885	Sqm	3144.00	Rupees three thousand one hundred forty four and paise zero only	₹ 40,510.44
10	Supplying , fitting and fixing M.S. clamps for door and window frame of flat bent bars , end bifurcated with necessary screw etc by cement concrete (1:2:4) as per direction . (Cost of concrete will be paid separately) 40 mm x6 mm, 125 mm length	50	Each	₹ 22.00	Rupees twenty two and paise zero only	₹ 1,100.00
11	125 mm th Brick Work with 1st Class Brick in cement mortar (1:4) in ground floor.	32	Sqm	₹ 759.00	Rupees seven hundred fifty nine and paise zero only	₹ 24,288.00
12	Brickwork with 1st class bricks in cement mortar (1:4) (a) In superstructure , ground floor	0.563	Cum	₹ 6,077.00	Rupees six thousand seventy seven and paise zero only	₹ 3,421.35
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 . Pakur Variety	1.029	Cum	₹ 6,813.32	Rupees six thousand eight hundred thirteen and paise zero one only	₹ 7,010.91
14	Plaster (to wall , floor , ceiling etc) with sand and mortar including rounding off or chamfering corners as directed and racking out joints including throating , nosing and drip course , scaffolding / staging where necessary (Ground floor) (Excluding cost of chipping over concrete surface .) i) With 1 : 4 cement mortar	29.985	Sqm	₹ 132.00	Rupees one hundred thirty two and paise zero only	₹ 3,958.02
	© 10 mm th plaster 20 mm th plaster	347.453	Sqm	₹ 191.00	Rupees one hundred ninety one and paise zero only	₹ 66,363.52
15	Neat cement punning about 1.5 mm thick in wall , dado, window ,sills, floor , etc : cement 0.152 cum per 100 sqm	125.128	Sqm	₹ 38.00	Rupees thirty eight and paise zero only	₹ 4,754.86

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
16	Artificial Stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including racking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/ sqm all complete including all materials and labour. In ground floor. 3 mm thick topping (High polishing grinding on this item is not permitted with ordinary cement). 35 mm thick	30.448	Sqm	₹ 369.00	Rupees three hundred sixty nine and paise zero only	₹ 11,235.31
17	Taking out rain water pipe	7	%M	₹ 904.00	Rupees nine hundred four and paise zero only	₹ 63.28
18	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacture's specification) including cleaning and smoothening of surface. Two Coats	169.384	Sqm	₹ 76.00	Rupees seventy six and paise zero only	₹ 12,873.18
19	Supplying, fitting & fixing UPVC pipes A- Type and fitting conforming to IS 13592-1992 with all necessary clamps, nails, including making holes in walls, floor etc. cutting trenches in any soil, through masonry concrete structure etc in necessary and mending good all damages including joining with jointing materials (spun, yarn, valanoid, Bitumen / M. seal etc) complete. A) UPVC pipes 110 mm dia	7.00	Metre	₹ 291.00	Rupees two hundred ninety one and paise zero only	₹ 2,037.00
	UPVC fitting Plain Tee 110 mm dia	2	Each	₹ 200.00	Rupees two hundred and paise zero only	₹ 400.00
	Shoe 110 mm dia	2	Each	₹ 128.00	Rupees one hundred twenty eight and paise zero only	₹ 256.00
20	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer. 1000 litre capacity - 1 No	1.00	Each	₹ 6,110.00	Rupees six thousand one hundred ten and paise zero only	₹ 6,110.00
21	Supplying, fitting And Fixing bib cock or stop cock. Polythene Bib Cock/Stop Cock with Plastic inlet (EMCO/ATLAS) or equivalent.	4.00	Each	₹ 100.00	Rupees one hundred and paise zero only	₹ 400.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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22	Supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (a) For Exposed Work PVC Pipes (Dia)	7.75	Metre	₹ 106.00	Rupees one hundred six and paise zero only	₹ 821.50
	20 mm	16.90	Metre	₹ 136.00	hundred thirty six and paise zero only	₹ 2,298.40
	25 mm	23.70	Metre	₹ 185.00	Rupees one hundred six and paise zero only	₹ 4,408.20
23	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 emulsion paint including scraping and preparing surface thoroughly complete as per manufacture's specification and as per direction of the EIC. In ground floor. One coat	79.62	Sqm	₹ 34.04	Rupees thirty four and paise zero four only	₹ 2,710.26
24	Protective and Decorative Acrylic exterior emulsion paint of approved quality as manufacture's specification and as per direction of EIC to 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) Normal Acrylic Emulsion	79.62	Sqm	₹ 73.00	Rupees seventy three and paise zero only	₹ 5,812.26
25	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface if necessary. (a) On timber or plastered surface Other than Hi - gloss of approved quality. Two coat (with any shade except white)	42.00	Sqm	₹ 80.00	Rupees eighty and paise zero only	₹ 3,360.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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	(a) On steel or other metal surface Other than Hi - gloss of approved quality. Two coat (with any shade except white	5.00	Sqm	₹ 86.00	Rupees eighty six and paise zero only	₹ 430.00
26	Supplying, fitting & fixing 30 mm thick both side pre laminated Factory made solid Panel PVC Door shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails M. S. Frame shall have cost of steel primer of approved make and manufacture, M.S. frame covered with 5 mm th, heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall flat and 20 mm shall be tapered in 45 degree angle on inner side from top to bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall tapered be tapered on both sides to from lock rail. Top, bottom, lock rails shall be provided either side of the panel with 10 mm (5mm x2)th, 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to fitted in the M.S. frame welded / sealed to the styles & rails with 7mm (5mm +2mm) th x 15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th PVC strip of 20 mm which to	1.43	Sqm	₹ 2,868.00	Rupees two thousand eight hundred sixty eight and paise zero only	₹ 4,086.90
27	Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346-1991 to be finished with pea size gravel including necessary preparatory works such as shaping mouth of outlets, cutting as and where necessary and refilling with sand and cement mortar (4:1) or cement concrete (1:2:4) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer in charge including cost of materials and labour and incidental charges but excluding the cost of cement mortar or concrete required for levelling and grading (In slope roof course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.) iv) 1st and 3rd course with bonding materials of hot applied industrial blown type bitumen of grade 86/25 or 90/15 conforming to I.S. 702-1988 @ 12 Kg/10 Sqm on each layer. v) 2nd course with hessian base self-finished bitumen type - 3 Gr-I conforming to I S 1322 - 1993 (weighing 23 Kg / 10 Sqm gross with bitumen content 12.10 Kg/ Sqm) tested	63.72	Sqm	₹ 367.00	Rupees three hundred sixty seven and paise zero only	₹ 23,385.24

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28	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	0.08	MT	₹ 52,195.00	Rupees Fifty two thousand one hundred ninety five and paise zero only	₹ 4,175.60
29	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. With 'P' trap each	1.00	Each	₹ 1,776.00	Rupees one thousand seven hundred seventy six and paise zero only	₹ 1,776.00
Total Amount put to Tender in figure =						₹ 339,321.99
Total Amount put to Tender in word :		Rupees three lakh thirty nine thousand three hundred and twenty one only				


 Executive Engineer
 West Midnapore 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)