

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 15 of 2016-17

Sl. No. 09

Schedule of Quantity, Unit, Rate and Amount for the work, "M/R work to C-Type (C-2) staff Quarter at Jhargram Sub-Division Office Campus under Hd-Qtr Section of Jhargram Irrigation Sub-Division within West Midnapore Division during 2016-17."

Amount put to Tender : ₹ 2,84,574.00

Earnest Money : ₹ 5,691.00

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.	5.67	Cum	₹ 451.00	Rupees four hundred fifty one paise zero only	₹ 2,557.00
2	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.	1.00	Cum	₹ 1,975.00	Rupees one thousand nine hundred seventy five and paise zero only	₹ 1,975.00
3	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. [a] upto 150 mm. thick	7.871	Cum	₹ 949.00	Rupees nine hundred forty nine and paise zero only	₹ 7,470.00
4	Labour for taking out door and window frame including shutter for repair or replacement of different parts of the frame & refixing the same including mending good all damaes complete. (Concrete and brick work for mending damage will be paid separately) [a] Upto area 2.5 Sq.m	16.39	Sqm	₹ 121.00	Rupees one hundred twenty one and paise zero only	₹ 1,983.00
5	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	19.414	Sqm	₹ 50.00	Rupees fifty and paise zero only	₹ 971.00
6	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	213.72	Sqm	₹ 19.00	Rupees nineteen and paise zero only	₹ 4,061.00
7	Wood work in door and window frame fitted and fixed in position complete including a rotective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sishu, Gamar, Champ, Badam, Bholu, Mogra, Hallak.	0.398	Cum	81778.00	Rupees eighty one thousand seven hundred seventy eight and paise zero only	₹ 32,548.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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8	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor. (iii) 35mm thick shutters with 19mm thick panel of size 30 to 45 cm. (b) Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak	14.495	Sqm	₹ 3,144.00	Rupees three thousand one hundred forty four and paise seventy only	₹ 45,572.00
9	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete (1:2:4) as per direction. (Cost of concrete will be paid separately) (c) 40mm X 6mm, 125mm Length	62	Each	22.00	Rupees twenty two and paise zero only	₹ 1,364.00
10	Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, wooded beads etc. will be paid separately. In ground floor. Sishu, Gamar, Champ, Badam, Bhola, Mogra, Hallak. 35mm thick	0.218	Sqm	₹ 2,895.00	Rupees two thousand eight hundred ninety five and paise zero only	₹ 631.00
11	Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth	0.709	Cum	₹ 5,852.00	Rupees five thousand eight hundred fifty two and paise zero only	₹ 4,149.00
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	7.871	Cum	₹ 6,108.32	Rupees six thousand one hundred eight and paise three two only	₹ 48,079.00
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	0.369	Cum	₹ 6,813.32	Rupees six thousand eight hundred thirteen and paise three two only	₹ 2,514.00
14	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] With 1:4 cement mortar (c) 10 mm thick plaster (a) 20 mm thick plaster	50.523	Sqm	₹ 132.00	Rupees one hundred thirty two and paise zero only	₹ 6,669.00
		252.487	Sqm	₹ 191.00	Rupees one hundred ninety one and paise zero only	₹ 48,225.00
15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. Cement 0.152 cu.m per 100 sq.m.	84.375	Sqm	₹ 38.00	Rupees thirty eight and paise zero only	₹ 3,206.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
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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 raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m 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	19.414	Sqm	₹ 369.00	Rupees three hundred sixty nine and paise zero only	₹ 7,164.00
17	Taking out rain water pipe	15.20	% Metre	₹ 904.00	Rupees nine hundred four and paise zero only	₹ 137.00
18	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats	214.575	Sqm	₹ 51.00	Rupees fifty one and paise zero only	₹ 10,943.00
19	Supplying, fitting & fixing UPVC pipes A- Type and fittings 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 structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. A) UPVC Pipes: (ii) 110 mm. Dia.	15.20	Metre	₹ 291.00	Rupees two hundred eighty five and paise zero only	₹ 4,423.00
	B) UPVC Fittings: a) Plain Tee (ii) 110 mm. Dia.	4.00	Each	₹ 200.00	Rupees two hundred and paise zero only	₹ 800.00
	(ii) Shoe 110 mm. Dia.	4.00	Each	₹ 128.00	Rupees one hundred twenty eight and paise zero only	₹ 512.00
20	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer 1000 litre capacity	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 bid cock/stop with plastik 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)					
	15 mm	9.15	Metre	₹ 106.00	Rupees one hundred six and paise zero only	₹ 970.00
	20 mm	17.70	Metre	₹ 136.00	Rupees one hundred thirty six and paise zero only	₹ 2,407.00
	25 mm	12.00	Metre	₹ 186.00	Rupees one hundred eighty six and paise zero only	₹ 2,232.00
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 exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor: One Coat	226.00	%Sqm	₹ 3,404.00	Rupees three thousand four hundred four and paise zero only	₹ 7,693.00
24	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC 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) Normal Acrylic Emulsion	226.00	Sqm	₹ 73.00	Rupees seventy three and paise zero only	₹ 16,498.00
25	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface :Other than High gloss of approved quality. Two coat (with any shade except white)	77.00	Sqm	₹ 80.00	Rupees eighty and paise zero only	₹ 6,160.00

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				Figure	Word	
	(a) On steel or other metal surface . Other than Hi- gloss of approved quality two coat (with any shade expect white)	22.00	Sqm	₹ 86.00	Rupees eighty six and paise zero only	₹ 1,892.00
26	Supplying, Fitting & Fixing 30 mm thick both side prelaminate 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 primers 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 be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th, 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 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 is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in-Charge.	1.485	Sqm	₹ 2,868.00	Rupees two thousand eight hundred sixty eight and paise zero only	₹ 4,259.00
Total Amount put to Tender in figure =						₹ 2,84,574.00
Total Amount put to Tender in word :		Rupees two lakh eighty four thousand five hundred seventy four 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)