

**Govt. of West Bengal**  
Irrigation & Waterways Dte.  
Office of the Executive Engineer  
West Midnapore Division  
Medinipur, Paschim Medinipur  
email id- eewmid2012@gmail.com

**WBIW/EE/WMD/NIT 05 of 2016-17**

**Sl. No. 17**

Name of work: "Emergent Maintenances and repair to Silabati Paridarsab Bhawan (Ghatal Irrigation Bungalow) at mouza Konnagar of Ward no. 14 of Ghatal Municipality in P.S. - Ghatal, Dist. - Paschim Medinipur under Ghatal Section of Ghatal (I) Sub-Division within West Midnapore Division under Western Circle- II, I & W Dte. "

Amount put to Tender :

₹ 4,14,648.00

Earnest Money :

₹ 8,292.96

Time allowed for Completion :

45 Days

NUMBER #	TEXT #	NUMBER #	TEXT #	Estimated Rate		NUMBER #
Sl. No.	Item Description	Quantity	Units	Figure	word	TOTAL AMOUNT Without Taxes
1	2	3	4	5		6
1	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.	9.26	sqm	₹ 19.00	Rupees nineteen point zero	₹ 176.00
2	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) 15 mm thick plaster	49.86	cum	₹ 164.00	Rupees one hundred sixty four point zero	₹ 8,177.00
3	Neat cement punning about 1.5mm thick in wall,dado>window sill,floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.	40.6	sqm	₹ 38.00	Rupees thirty eight only	₹ 1,543.00
4	Removing old scales, blisters etc. of interior surface of walls,ceiling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (1:2) (as necessary), to make the surface suitable for receiving distemper. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge).	554.06	%Sq.m	₹ 1,039.00	Rupees one thousand thirty nine point zero	₹ 5,757.00
5	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor)  (a) One Coat  ii) Solvent based interior grade Acrylic Primer	554.06	%sqm	₹ 3,676.00	Rupees three thousand six hundred seventy six point zero	₹ 20,367.00
6	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	554.06	sqm	₹ 76.00	Rupees seventy six point zero	₹ 42,109.00

7	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface.	33.29	sqm	₹ 48.00	Rupees forty eight only	₹ 1,598.00
8	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	33.29	sqm	₹ 31.00	Rupees thirty one point zero	₹ 1,032.00
9	(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 steel or other metal surface : With super gloss (hi-gloss) - (i) Two coats (with any shade except white)	33.29	sqm	₹ 86.00	Rupees eighty six point zero	₹ 2,863.00
10	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) In ground floor including roof. (i) above 150 mm. thick	1.10	cum	₹ 1,431.00	Rupees one thousand four hundred thirty one only	₹ 1,574.00
11	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.	7.88	%cum	₹ 12,047.00	Rupees twelve thousand forty seven point zero	₹ 949.00
12	(A) Filling in foundation or plinth by fine 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)	2.32	%cum	₹ 53,306.00	Rupees fifty three thousand three hundred six only	₹ 1,237.00
13	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	15.49	sqm	₹ 362.00	Rupees three hundred sixty two point zero	₹ 5,607.00
14	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.	1.78	cum	₹ 6,202.86	Rupees six thousand two hundred two point eighty six only	₹ 11,041.00
15	1st class brickwork of width 200 mm. with non-modular bricks in cement and sand mortar (1:4) (a) In foundation and plinth	2.33	cum	₹ 5,962.00	Rupees five thousand	₹ 13,891.00
16	Supplying and laying chequered tiles of any shade & of approved quality with (1:1½:3) cement concrete laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay 25 mm thick [avg] cement mortar (1:3) complete in all respect with all labour and materials. [Using cement slurry @ 4.4 kg/Sq.m at back side and @2.4 kg/Sq.m for joint filling]  (i) 30 mm. thick	5.49	Sq.m	₹ 563.00	Rupees five hundred sixty three point zero	₹ 3,091.00
17	Polishing only of old marble or terrazo work with oxalic acid powder using 33 gms/ sq.m. by manual labour / machine where necessary.	403.44	Sq.m	₹ 39.00	Rupees thirty nine point zero	₹ 15,734.00



18	Supplying, fitting and fixing pillar cock of approved make. a) (ii) CP Pillar Cock Super Deluxe with Aerator - 15 mm. (Equivalent to Code No. 508 & Model No. Tropical / Sumthing Special of ESSCO or similar brand).	2.00	each	₹ 760.00	Rupees seven hundred sixty only	₹ 1,520.00
19	Supplying, fitting and fixing bib cock or stop cock. (a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	3.00	each	₹ 689.00	Rupees six hundred eighty nine point zero	₹ 2,067.00
	(ii) Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model - Tropical / Sumthing Special of ESSCO or similar brand)	3.00	each	₹ 843.00	Rupees eight hundred forty three point zero	₹ 2,529.00
20	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. (a) Sink only (i) 530 mm X 430 mm x 180 mm	2.00	each	₹ 4,143.00	Rupees four thousand one hundred forty three point zero only	₹ 8,286.00
21	Dismantling and refixing drain pipe including cutting trench and refilling the same. (i) Upto 150 mm	15.00	m	₹ 71.00	Rupees seventy one point zero	₹ 1,065.00
22	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989 / 1970 and I.S. 1729/1964 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (Measurement will be made along the center line of the total pipe line in fitted condition including specials, payment for specials & Painting will be paid separately). (a) With valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. (i) 150 mm dia. (internal)	15.00	m	₹ 1,613.00	Rupees one thousand six hundred thirteen point zero	₹ 24,195.00
23	Removing sludge from septic tank, soak well etc. by methor labour including disposal of the same outside the compound as directed. (b) Upto 30 users:- (ii) Beyond a lead of 150 metre and outside the Municipal limit	1.00	each	₹ 2,979.00	Rupees two thousand nine hundred seventy nine point zero	₹ 2,979.00
24	Cleaning I.P.W.C. with acid.	3.00	each	₹ 20.00	Rupees twenty onle	₹ 60.00
25	Cleaning E.P. or Anglo-Indian W.C. with acid.	4.00	each	₹ 27.00	Rupees twenty seven only	₹ 108.00
26	Cleaning urinal with channel with acid.	4.00	each Set	₹ 20.00	Rupees twenty onle	₹ 80.00
27	Cleaning and removing paint mark from glass pane with spirit and removing strains etc.	11.23	Sq.m	₹ 17.00	Rupees seventy only	₹ 191.00
28	Cleaning white glazed channels with acid.	38.40	m	₹ 10.00	Rupees ten only	₹ 384.00
29	Clearing compound premises of shurbs, plants, jungles etc. by cutting and removing as directed (Specific permission of Engineer-in-Charge prior to execution will be necessary). (Payment to be made on area cleared)	1900.50	Sq.m	₹ 11.00	Rupees eleven only	₹ 20,906.00
30	Supplying of materials to site including cost of loading, carriage upto 20 km, unloading and stacking (inclusive of all taxes) as per direction of the Engineer-In-charge. (a) Jhama bats (b) Moorum	41.23	cum	₹ 1,500.00	Rupees one thousand five hundred only	₹ 61,845.00
		58.97	cum	₹ 540.00	Rupees five hundred forty only	₹ 31,844.00



31	Extra rate over carriage of sand, moorum, brick bats, boulder, stone metal, stone chips, gravel, slag metal, shingle and similar materials For distance 83.00 Km: (a) For a distance above 20 km and up to 50 km (per km). - 30.00 (thirty) Km extra lead (b) For a distance above 50 km and up to 90 km (per km). - 40 (forty) Km extra lead	58.97	cum	₹ 285.00	Rupees two hundred eighty five	₹ 16,806.00
		58.97	cum	₹ 336.00	Rupees three hundred thirty six only	₹ 19,814.00
32	Labour for spreading and consolidating jhama metal/ 1st class Brick bats / laterite chelly of specific size to requisite thickness in layers including spreading with kiln rubbish, hand packing, watering and compacting with hand roller/Power roller true to line and camber including carriage, cost of all materials (except jhama khoa) and hire charges of all equipments as per direction of the Engineer- in - Charge. (measurement to be made on finished work) Compaction factor 0.67	27.63	cum	₹ 131.70	Rupees one hundred thirty one point seventy only	₹ 3,639.00
33	Labour for spreading moorum to proper level including hand packing and consolidation by hand roller / power roller of specified thickness in layer after watering etc. complete with necessary earthen soulder as per direction of the Engineer- in - Charge. (measurement to be made on finished work) Compaction factor 0.75	44.23	cum	₹ 86.10	Rupees eighty six point one zero only	₹ 3,808.00
34	Ornamental brick edging (75 mm wide) in compound roads, gardens etc. with 1st class or picked jhama bricks laid diagonally on end and with a corner slightly raised from the adjoining surface thus giving saw tooth appearance including cutting trench laying bricks and repacking the trench thoroughly on both sides of the edging complete as per direction.	39.00	% Metre	₹ 7,580.00	Rupees Seven thousand five hundred eighty only	₹ 2,956.00
35	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement mortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m]	5.40	Sq.m	₹ 2,675.00	Rupees two thousand six hundred seventy five only	₹ 14,445.00
36	Supplying, fitting and fixing 18 mm. to 22 mm. thick kota stone slab in wall, dado in 15 mm thick [avg] cement mortar (1:3) including making suitable arrangement to hold the stone properly by brass / copper hooks including pointing in cement mortar (1:2) (1 cement : 2 marble dust) with admixture of pigments matching the stone shade, including grinding and polishing all complete as per direction of Engineer-in-charge including cost of materials, labour, scaffolding, staging, curing complete. [Using cement slurry for bedding @4.4 kg/Sq.m and for jointing @1.8 kg/Sq.m]	2.34	Sq.m	₹ 1,278.00	Rupees one thousand two hundred seventy eight only	₹ 2,991.00
37	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. [excluding the cost of supporting frame work and teak wood batten/Lipping] In Ground Floor (vi) 19mm	2.25	Sq.m	₹ 2,838.00	Rupees two thousand eight hundred thirty eight only	₹ 6,386.00

38	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (ii) 4 mm thick	0.90	Sq.m	₹ 615.00	Rupees six hundred fifteen only	₹ 554.00
39	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)-1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1956 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 1957, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  I) For structural members of specified sections weighing less than 22.5 Kg./m	0.36	MT	₹ 68,292.00	Rupees sixty eight thousand two hundred ninety two only	₹ 24,585.00
40	Labour for hoisting and placing in proper position ( up to 1st floor level) departmental R.S. joists, channels, angles. Tees, plates etc. including fitting and fixing same with bolts and nuts, if necessary (but excluding cost of such bolts and nuts) (a) Add extra for each additional floor over 1st floor.	3.60	Qunt.	₹ 416.00	Rupees four hundred sixteen only	₹ 1,498.00
		3.60	Qunt.	₹ 75.00	Rupees seventy five only	₹ 270.00
41	Earthwork in excavation by any means from borrowpits, canals and channels in all kinds of soil for maintenance and repairs of embankments, canals, channels and roads as per profile within an initial lead of 30 metres and lift of 1.50 metre including breaking clods, rough dressing, including removal of jungles and trees upto 30 cm. girth in both cutting and filling zone etc. complete as per direction of Engineer-in-charge.	205.50	Cum	₹ 76.70	Rupees sevety six point seven zero only	₹ 15,762.00
42	Extra rate for earthwork in Item no. 1.01 to 1.04 above for each additional lead of 30 metres or part there of beyond the initial lead of 30 metre. 4 (four) extra	205.50	Cum	₹ 30.80	Rupees thirty point eight zero only	₹ 6,329.00
Total in figures						₹ 4,14,648.00
Total Amount put to Tender in word :				Four lakh fourteen thouand six hundred forty eight 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)