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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 18 of 2016-17

Sl. No. 03

Schedule of Quantity, Unit, Rate and Amount for the work, "Emergent repair Dogachia Sluice at M.C. Embankment at L/B of Durbachati river in Block- Daspur-II, Dist. Paschim Medinipur under Ajuria Section of Ghatal Irrigation Sub- Division within West Midnapore Division."

Amount put to Tender : ₹ 4,73,118.65

Earnest Money : ₹ 9,462.00

Time allowed for Completion : 30 days

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
1	Dismanting, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 metres					
	(a) Concrete	1.13	Cum	₹ 587.40	Rupees Five hundred eighty seven and paise four zero only	₹ 664.00
	(b) Masonary other than concrete	5.74	Cum	₹ 366.90	Rupees Three hundred sixty six and paise nine zero only	₹ 2,106.00
2	Labour charge for taking out sluice gate draw shutters, screw gearing arrangement including gear rod & pedestal and placing / storing in position as per direction of Engineer-in-charge within a lead of 60 M from sluice position.					
	(a) Area of shutter upto 4.00 sqm	2.63	Sqm	₹ 128.90	Rupees One hundred twenty eight and paise nine zero only	₹ 339.00
3	Cement concrete with 32 mm down well graded coarse aggregate in piers, abutments, wing walls, retaining walls, bracket walls etc. (above PL or DBL) including shuttering, staging and curing supply and carriage of all materials to site of work. (i) Stone metal-Pakur/ Nalhati/ Pachami trap variety. (a) Mix 1:3:6.	1.50	Cum	₹ 5,093.10	Rupees Five Thousand ninety three and paise one zero only	₹ 7,640.00
4	Brick work in superstructure (above PL and DBL) with 1st Class Brick in cement mortar, racking out joints and curing complete upto a height of 4 metres and including scaffolding supply and carriage of all materials to site. (b) Mortar Mix 1:4.	13.75	Cum	₹ 6,023.10	Rupees six Thousand twenty three and paise one zero only	₹ 82,818.00
5	Cement concrete work in carpeting (With or without reinforcement)in floor,proportion 1:2:4 with 20mm down well graded stone chips, finishing exposed surface, curing, shuttering, supply and carriages of all materials to site (except cost of reinforcement.) (i) Stone metal-Pakur/ Nalhati/ Pachami trap variety.	7.30	Cum	₹ 5,743.90	Rupees Five Thousand seven hundred forty three and paise nine zero only	₹ 41,930.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
6	19 mm thick cement and sand plastering including racking out joints and necessary scaffolding with supply and carriage of all materials to site and finishing surface including curing complete. (b) Mix 1:4	220.22	Sqm	₹ 156.90	Rupees one hundred fifty six and paise nine zero only	₹ 34,553.00
7	Neat cement finishing over cement plastered surface (thickness not less than 1.5 mm), including curing, scaffolding etc complete.	220.22	Sqm	₹ 69.70	Rupees sixty nine and paise seven zero only	₹ 15,349.00
8	Dismantling and removal of worn out guide channel of draw shutters from the sluice structure and stacking the same at approved location as per direction of the Engineer-in-charge.	6.40	M	180.70	Rupees one hundred eighty one and paise seven zero only	₹ 1,156.00
9	Supplying, carrying and fitting, fixing in position at site guide channel for draw shutters fixed with hold fasts against sluice walls, true to plumb, with necessary masonry work including cost of all materials and carriage to site complete as per direction of Engineer- in-charge	6.40	M	₹ 1,581.20	Rupees one thousand five hundred eighty one and paise two zero only	₹ 10,120.00
10	Supplying of new draw / flap shutters made with MS flats, angles and channels as per drawing and direction of the Engineer-in-charge including fabricating at workshop and transportation to site complete but excluding cost of rubber seals.	508.22	Kg	70.00	Rupees seventy and paise zero only	₹ 35,575.00
11	Supplying, fitting and fixing in position rubber seals for making water tight including M.S. flats, bolts and nuts and making holes in the shutter leaf for fixing the rubber seal in position including carriage of all materials to site. (b) Musical Note, Harmonic type ii) 127 mm x 6 mm	6.65	M	₹ 1,230.80	Rupees one thousand two hundred thirty and paise eight zero only	₹ 8,185.00
12	Applying two coats of anti corrosive EPOXY paint (black) of approved make and brand to sluice gates only after preparing the surface by rough sand blasting including cost of materials, labours, machineries etc.	7.35	Sqm	₹ 288.80	Rupees two hundred eighty eight and paise eight zero only	₹ 2,123.00
13	Oiling and cleaning the regulator gate parts including guide channel, Top runner, Pedestal block, GM Bush, Gear rods, Wheel, Fish plate etc with sufficient lubricants as and when necessary as directed by the Engineer-in-charge including cost of all materials to site complete Oiling and cleaning the regulator gate parts including guide channel, Top runner, Pedestal block, GM Bush, Gear rods, Wheel, Fish plate etc with sufficient lubricants as and when necessary as directed by the Engineer-in-charge including cost of all materials to site complete	1.00	Each	₹ 160.30	Rupees one hundred sixty and paise three only	₹ 160.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
14	Replacing G.M. bush excluding screw gearing arrangement by new G.M. bush, base plate, locking arrangement etc. and fitting the hanging arrangement for operating the draw shutter including taking out the old screw gearing arrangement and G.M. bush etc. complete as per direction of the Engineer-in-charge. (a) 80 mm Dia	1.00	Each	₹ 6,665.10	Rupees one hundred thirty eight and paise ninety only	₹ 6,665.00
15	Supply of new M.S. gear rod at site having threaded length as per requirement as decided by the Engineer-in charge, including cost of threading, finishing, handling and transportation from workshop to site. (c) 80 mm Dia ii) 4.0 M long	4.00	Each	₹ 10,717.90	Rupees ten thousand seven hundred seventeen and paise nine zero only	₹ 42,872.00
16	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	318.00	Cum	₹ 76.70	Rupees seventy six and paise seven zero only	₹ 24,391.00
17	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	318.00	Cum	₹ 7.70	Rupees seven and paise seven zero only	₹ 2,449.00
18	Labour charges for lowering in position sluice gate draw shutters (new or old shutters after repair) and fitting the same with gear rod , screw gearing arrangement & pedestal with necessary new nuts and bolts to be supplied by the contractor at his own cost. (a) Area of shutter upto 4.00 sqm	2.94	Sqm	₹ 128.90	Rupees One hundred twenty eight and paise nine zero only	₹ 379.00
19	Supplying to site 2nd hand cement polly bags in good condition delivered and stacked (capacity 50 kg).	2358.00	Each	₹ 5.00	Rupees five and paise zero only	₹ 11,790.00
20	Labour charge for filling polly bags (capacity 50 kg cement bag) with all kinds of earth (wet or dry) or sand including sewing the mouth after filling (cost of thread included), as done in case of cement bags, (tying with a knot after filling will not be accepted) and placing in position within an initial lead of 150 metres including cost of excavation of earth as per direction of the Engineer-in-charge. NB:- Volume of earth/ sand filled bags should not be less than 0.028 m ³ / bag	2358.00	Each	₹ 6.30	Rupees six and paise three zero only	₹ 14,855.00
21	Extra rate in item nu. 4.02 above for each additional lead of 60 metres or part thereof over initial lead of 150 metres 8 (Eight) extra lead	2358.00	Each	₹ 18.40	Rupees eighteen and paise four zero only	₹ 43,387.00

Sl. No.	Description of Items	No. or Quantity	Unit	Estimated Rate		Amount
				Figure	Word	
22	Balling out stagnant water by pump on any other means including all lifts and making all arrangement for disposal as per direction of the Engineer-in-charge.	120.00	Cum	₹ 5.10	Rupees five and paise one zero only	₹ 612.00
23	Brick block pitching of required size with 1st class kiln burnt bricks with cement mortar including flush pointing on all faces and curing, dressing, ramming and preparing sub-grade in slope and apron with all leads and lifts (the gap between adjacent blocks will not be more than 1.3 cm). a) Mortar mix 1:4.	13.73	Cum	₹ 5,946.50	Rupees five thousand nine hundred forty six and paise five zero only	₹ 81,645.45
24	Uprooting, clearing and cleaning all types of thick and thorny jungles, including trees upto 30 cm girth with stumps and removing them beyond working zone and burning to ashes as per direction of the Engineer-in-charge.	176.00	Sqm	₹ 7.70	Rupees seven and paise seven zero only	₹ 1,355.20
Total Amount put to Tender in figure =						₹ 4,73,118.65
Total Amount put to Tender in word :		Rupees Four lakh seventy three thousand one hundred eighteen and six five 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)