

Govt. of West Bengal  
Irrigation & Waterways Dte.  
Office of the Executive Engineer  
West Midnapore Division  
Medinipur, Paschim Medinipur

WBIW/EE/WMD/NIT 19 of 2016-17

Sl. No. 12

**Schedule of Quantity, Unit, Rate and Amount for the work,** "Emergent repairing of Benai Single Vent Sluice over Chetua Circuit Embankment at R/B of River Rupnarayan at Mouza- Benai in GP- Benai, Block- Daspur- II, Dist. Paschim Medinipur under Ajuria Section of Ghatal Irrigation Sub- Division within West Midnapore Division."

Amount put to Tender : ₹ 3,41,243.00

Earnest Money : ₹ 6,825.00

Time allowed for Completion :

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	0.85	cum	₹ 587.40	Rupees Five Hundred & Eighty Seven and Paise Forty Only	₹ 499.00
	(b) Masonary other than concrete	2.90	cum	₹ 366.90	Rupees Three Hundred & Sixty Six and Paise Ninety Only	₹ 1,064.00
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 Ninety 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.	1.22	cum	₹ 5,093.10	Rupees Five Thousand & Ninety Three and Paise Ten Only	₹ 6,214.00
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.	11.640	Cum	₹ 6,023.10	Rupees Six Thousand & Twenty Three and Paise Ten Only	₹ 70,109.00

Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
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/ Naihati/ Pachami trap variety.	5.50	cum	₹ 5,551.30	Rupees Five Thousand Five Hundred & Fifty One and Paise Thirty Only	₹ 30,532.00
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	220.220	Sqm	₹ 156.90	Rupees One Hundred & Fifty Six and Paise Ninety Only	₹ 34,553.00
7	Neat cement finishing over cement plastered surface (thickness not less than 1.5 mm), including curing, scaffolding etc. complete.	220.220	Sqm	₹ 69.70	Rupees Sixty Nine and Paise Seventy Only	₹ 15,349.00
8	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	Meter	₹ 1,230.80	Rupees One Thousand Two Hundred & Thirty and Paise Eighty Only	₹ 8,185.00
9	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 Eighty Only	₹ 2,123.00
10	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 Thirty Only	₹ 160.00



Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
11	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 Seventy Only	₹ 24,391.00
12	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 Seventy Only	₹ 2,449.00
13	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 Ninety Only	₹ 379.00
14	Supplying to site 2nd hand cement polly bags in good condition delivered and stacked (capacity 50 kg).	1886.00	Each	₹ 5.00	Rupees Five Only	₹ 9,430.00
15	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 <sup>3</sup> / bag	1886.00	Each	₹ 6.30	Rupees Six and Paise Thirty Only	₹ 11,882.00
16	Extra rate in item no. 4.02 above for each additional lead of 60 metres or part thereof over initial lead of 150 metres 8 (Eight ) extra lead	1886.00	Each	₹ 18.40	Rupees Eighteen and Paise Forty Only	₹ 34,702.00
17	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 Ten Only	₹ 612.00
18	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.	9.63	Cum	₹ 5,946.50	Rupees Five Thousand Nine Hundred & Forty Six and Paise Fifty Only	₹ 57,265.00
19	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.	240.00	sqm	₹ 7.70	Rupees Seven and Paise Seventy Only	₹ 1,848.00

Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
20	Earthwork in closing ghoges in embankments including cutting, filling, puddling with water and ramming (earth necessary for closing ghoges should be procured by the agency from any source(s) at his own cost and arrangement) including all leads and lifts as necessary.	15.00	cum	₹ 97.10	Rupees Ninety Seven and Paise Ten Only	₹ 1,457.00
21	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) Moorum	12.00	cum	₹ 540.00	Rupees Five Hundred & Forty Only	₹ 6,480.00
	(a) Jhama bats	3.380	cum	₹ 1,500.00	Rupees One Thousand Five Hundred Only	₹ 5,070.00
22	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	3.38	cum	₹ 131.70	Rupees One Hundred & Thirty One and Paise Seventy Only	₹ 445.00
23	Extra rate over carriage of sand, moorum, brick bats, boulder, stone metal, stone chips, gravel, slag metal, shingle and similar materials.					
	(a) For a distance above 20 km and up to 50 km (per km). -30 (thirty) Km extra.	12.00	cum	₹ 285.00	Rupees Two Hundred & Eighty Five Only	₹ 3,420.00
	(b) For a distance above 50 km and up to 100 km (per km). -50 (Fifty) Km extra.	12.00	cum	₹ 420.00	Rupees Four Hundred & Twenty Only	₹ 5,040.00
24	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 shoulder as per direction of the Engineer- in - Charge. (measurement to be made on finished work) Compaction factor 0.75	6.75	cum	₹ 86.10	Rupees Eighty Six and Paise Ten Only	₹ 581.00
25	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 Six Thousand Six Hundred & Sixty Five and Paise Ten Only	₹ 6,665.00
Total Amount put to Tender in figure =						₹ 3,41,243.00
Total Amount put to Tender in word :		Rupees Three Lakh Forty One Thousand Two Hundred & Forty Three 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.

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 (Signature of the Contractor)