

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. 4

Schedule of Quantity, Unit, Rate and Amount for the work "Emergent repairing of Kakdari 1- Vent Sluice over Dussaspur Circuit Embankment at L/B of Bhosra Khal in G. P. Sarberia- II & Nandanpur- II Block- Daspur-I, Dist. Paschim Medinipur under Dussaspur - II Section of Ghatal Irrigation Sub- Division under West Midnapore Division."

Amount put to Tender : ₹ 4,82,801.00

Earnest Money : ₹ 9,656.00

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	5.59	cum	₹ 587.40	Rupees Fifty Eight Thousand Seven Hundred & Forty Only	₹ 3,284.00
	(b) Masonary other than concrete	13.94	cum	₹ 366.90	Rupees Three Hundred & Sixty Six and Paise Ninety Only	₹ 5,115.00
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	3.08	Sqm	₹ 128.90	Rupees One Hundred & Twenty Eight and Paise Ninety Only	₹ 397.00
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.	2.69	cum	₹ 5,093.10	Rupees Five Thousand & Ninety Three and Paise Ten Only	₹ 13,700.00
	(i) Stone metal-Pakur/ Nalhati/ Pachami trap variety. (a) Mix 1:3:6.					
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.	14.66	Cum	₹ 6,023.10	Rupees Six Thousand & Twenty Three and Paise Ten Only	₹ 88,299.00

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/ Nalhati/ Pachami trap variety,	4.45	cum	₹ 5,551.30	Rupees Five Thousand Five Hundred & Fifty One and Paise Thirty Only	₹ 24,703.00
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	56.22	Sqm	₹ 156.90	Rupees One Hundred & Fifty Six and Paise Ninety Only	₹ 8,821.00
7	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	21.14	Sqm	₹ 121.50	Rupees One Hundred & Twenty One and Paise Fifty Only	₹ 2,569.00
8	Providing weep holes of specified dia. (not less than 50mm dia. and not exceeding 100mm dia.) with C. I. Gratings (not less than 75mm dia. and not exceeding 125mm dia.) to wing walls, abutments, return walls as per drawing etc. either in concrete or brick works (excluding filter)	22	Nos	₹ 102.60	Rupees One Hundred & Two and Paise Sixty Only	₹ 2,257.00
9	Neat cement finishing over cement plastered surface (thickness not less than 1.5 mm), including curing, scaffolding etc. complete.	56.22	Sqm	₹ 69.70	Rupees Sixty Nine and Paise Seventy Only	₹ 3,919.00
10	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.	12	m	₹ 180.70	Rupees One Hundred & Eighty and Paise Seventy Only	₹ 2,168.00
11	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	12	m	₹ 1,581.20	Rupees One Thousand Five Hundred & Eighty One and Paise Twenty Only	₹ 18,974.00

Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
12	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.	456.58	kg	₹ 70.00	Rupees Seventy Only	₹ 31,961.00
13	M.S. works in joists, channels, angles, tees, flats, etc. for shutters, hoists, bridges, ladders etc. including cutting, drilling, fabrication erection, hoisting, forging, welding, riveting, tightening, with bolts and nuts with necessary washers, cleats, gusset plates etc. (including supply and carriage of all materials to site). Payment to be made on the basis of calculated weight of structural members only in finished work; including weight for bracket, gussets, cleats, rivets, bolts, nuts, etc.	0.359	Qtl	₹ 8,235.20	Rupees Eight Thousand Two Hundred & Thirty Five and Paise Twenty Only	₹ 2,956.00
14	Labour only for MS work as in item no. 3.38 (excluding cost of steel members only but including cost of all other materials as well as carriage of all materials to site).	0.359	Qtl	₹ 1,857.00	Rupees One Thousand Eight Hundred & Fifty Seven Only	₹ 667.00
15	Taking out old damaged rubber seal from M.S. shutter by removing M.S flats, cutting nuts and bolts and cleaning the surface for fixing rubber seal.	7.8	Meter	₹ 17.10	Rupees Seventeen and Paise Ten Only	₹ 133.00
16	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 iii) 127 mm x 6 mm	7.8	Meter	₹ 1,230.80	Rupees One Thousand Two Hundred & Thirty and Paise Eighty Only	₹ 9,600.00
17	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.	7.7	Sqm	₹ 288.80	Rupees Two Hundred & Eighty Eight and Paise Eighty Only	₹ 2,224.00
18	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	2	Each	₹ 160.30	Rupees One Hundred & Sixty and Paise Thirty Only	₹ 321.00

Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
19	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	Each	₹ 6,665.10	Six Thousand Six Hundred & Sixty Five and Paise Ten Only	₹ 6,665.00
20	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	156.48	cum	₹ 76.70	Rupees Seventy Six and Paise Seventy Only	₹ 12,002.00
21	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	156.48	cum	₹ 7.70	Rupees Seven and Paise Seventy Only	₹ 1,205.00
22	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	3.08	Sqm	₹ 128.90	Rupees One Hundred & Twenty Eight and Paise Ninety Only	₹ 397.00
23	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	51.64	cum	₹ 1,500.00	Rupees One Thousand Five Hundred Only	₹ 77,460.00
	(b) Moorum	125	cum	₹ 540.00	Rupees Five Hundred & Forty Only	₹ 67,500.00
24	Extra rate over carriage of sand, moorum, brick bats, boulder, stone metal, stone chips, gravel, slag metal, shingle and similar materials For distance 112.50 Km: (a) For a distance above 20 km and up to 50 km (per km). - 30.00 (thirty) Km extra lead	125	cum	285.00	Rupees Two Hundred & Eighty Five Only	₹ 35,625.00
	(b) For a distance above 50 km and up to 95 km (per km). - 45.00 (forty five) Km extra lead	125	cum	378.00	Rupees Three Hundred & Eighty Seven Only	₹ 47,250.00

Sl.	Description of Items	No. or	Unit	Estimated Rate		Amount
25	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	34.6	cum	₹ 131.70	Rupees One Hundred & Thirty One and Paise Seventy Only	₹ 4,557.00
26	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	93.75	cum	₹ 86.10	Rupees Eighty Six and Paise Ten Only	₹ 8,072.00
Total Amount put to Tender in figure =						₹ 4,82,801.00
Total Amount put to Tender in word :						Rupees four lakh eighty two thousand eight hundred and 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)