

Name of Work : Repairing of over hade water resarver at Chakgoria Campous.

Sl. No.	Description of Items	Unit	Rate	Qty	Amt.
1 P-8/ -10	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.	Sqm	19.00	100'00	1900'00
2 P-8, -11	Cutting chase upto 125 x 150 mm. and subsequent mending of damages. (b) in concrete wall [Cement-3.6 Kg/Mtr]	R Mtr	120.00	10'00	1200'00
3 P-37/56	Cleaning the concrete surface by removing dirt and debris, marking defective locations and removing loose concrete by careful stripping untill hard surface is exposed, cutting the concrete to regular shape, wire brushing the exposed surface and removing debris from site complete as per direction of	Sqm	96.00	160'00	15360'00
4 P-37/ 57	Cleaning the exposed reinforcement preferably upto full diameter by wire brush, applying two coats of polymer based rust removing compound left for 24 hours, removing the coating and then applying two (2) coats of polymer modified anti corrosive protective coating formulated to inhibit the corrosion of reinforcement as per manufacturer's specification]	Sqm	915.00	10'00	9150'00
5 P-37/i-58	Applying epoxy based reactive joining agent for joining the old concrete with fresh concrete to be applied within manufacturer's specified time as per manufacturers specification. (0.4 Kg / m ² of concrete surface).	Sqm	356.00	235'70	83908'00
6 P-38/ 52	Removing corroded worn out portion of reinforcement (when the area of bar is damaged by more than 25%) by cutting and replacing the same by a new plain round bar of requisite diameter by binding with required lap / welding with old bar, including cost of reinforcement, complete in all respect including removing unserviceable materials from site as per direction of the Engineer - in - charge. Note : Payment on weight (Kg.) of new reinforcement.	KG	102.00	200'90	20492'00

No.	Description of Items	Unit	Rate	Qty	Amt.
7 P-39/64	Extra rate for adding Polyester Fibre anti shrinkage material @ 0.25% by weight of cement [or as per Manufacturer's Specification] as secondary reinforcement to arrest hair crack in concrete including cost of Fibre .	KG	409.00	10'00	409'00
8 P-28/-18	Cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with hexagonal square mesh wire netting, I.R.C. fabric mesh or X.P. M. fitted and fixed after tying the existing reinforcement on concrete without distributing the same and with proper scarping and cleaning the reinforcement and disturbed concrete with wire brush etc. after applying a coat of cement including the cost of wire netting I.R.C or X. P. M. & cost of all handling and scaffolding complete as per direction of Engineer-in -charge. c) 37.5mm thick	Sqm	668.00	130'00	86840'00
9 P-151/-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) 20 mm thick plaster	Sqm	206.00	309'30	63757'00
10 P-224/51	Making one set of scaffolding only for replacing glass panels, painting, uprooting plant and another repairing works of building and S&P works for external works only with 10 cm. dia bamboo as main posts at the rate of 1 metre centre to centre and 7.5 cm. dia bamboo ties @ 0.75 metre apart fitting and fixing with necessary coir, nails etc. as per direction of the Engineer-in-charge. a) 3.90 metre height b) Extra for additional 3.6 height or part thereof	Each	386.00	8	3088'00
		Each	349.00	48	16752'00
11 P-158/15	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.	%Sqm	4899.00	230'00	11268'00

No.	Description of Items	Unit	Rate	Qty	Amt.
12 P-159/-18	Protective and Decorative Textured exterior high class matt finish paint of approved quality, composed of special Tharmoplastic Resin containing fine crystalline additives derive from Granite 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	Sqm	113.00	300'00	33900'00
13 P-161/-1	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	Sqm	22.00	10'00	220'00
14 P-9/-13	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge	Cum	168.00	2'00	336'00
15 P-14/-7	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	Cum	7200.00	3'00	21600'00
16 P-26/-12	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	Sqm	360.00	20'00	7200'00
17	Point Grouting with epoxy based chemical of approve make and brand with nozzles (12mm) dia 500mm center to center including all materials, labour & equipment complete as per direction of enggineer in charge (at 2.5 k.g/sqcm pressure pump)	Each	500.00	100'00	50000'00

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18. P-63/124	Galvanised corrugated iron sheet work(excluding the supporting frame work) fitted and fixed with 10 mm. dia J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap.(payment to be made ton areas of finished work)GCI sheet to be supplied by contractor) c) With 0.80 mm thick sheet	SQM	947.00	9.90	9366'00
19. B-11/23	Supply of UPVC pipes (B Type) & fittings (A)(i) Single socketed 3 Meter Length (a) 75 mm	R Mtr	234.00	15'00	3510.00
20. A-II/19III	Supply of PVC pipes & fittings(medium duty) 80 mm 50 mm	R Mtr R Mtr	240.00 610.00	14'62 15'00	3510.00 9150.00
21. 76/10(II)	M.S. work inn framed, railing, etc. including continuous welding all complete at any height, repair of railing	Kg	400.00	82.47	32988.00
22. 163/7	Priming with oil bound paints one coat.	M ²	80.00	31.00	2480.00
23. 163/8(b)	Painting with synthetic oil bound paints of approved make two coats.	M ²	80.00	77.00	6160.00
Total Rs.:					494544.00
Rupees four lac ninety four thousand five hundred forty four only					

Roam
26/10/17

SUB-ASSISTANT ENGINEER
West Bengal University of
Animal and Fishery Sciences

B. Das
26/10/17

Consultant Engineer
W. B. University of Animal & Fishery Sciences
68, K. B. Sarani, Kolkata-700037

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