

NAME OF THE WORK: PROVIDING TROLLEY PARKING BAY FOR MAIN OR TROLLEYS NEAR Q2 WARD @ SECOND FLOOR OF CMC, TOWN CAMPUS.						
			TENDER SCHEDULE-B			
Sl.no.	Quantity		Description	Rate	Unit	Amount
1	1.50	M <sup>3</sup>	<b>Demolishing brick walls in cement mortar</b> manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		1M <sup>3</sup>	
2	20.00	RM	Labour charges for removing the existing <b>GI/PVC pipes upto 75mm dia</b> including all available specials, without causing any damage. The serviceable materials shall be handed over to the departmental store, and the unserviceable items shall be disposed of as directed. <b>The rate inclusive of required lead and lift charges .</b>		1RM	
3	20.00	RM	Labour charges for removing the existing <b>GI/PVC pipes above 75mm dia</b> including all available specials, without causing any damage. The serviceable materials shall be handed over to the departmental store, and the unserviceable items shall be disposed of as directed. <b>The rate inclusive of required lead and lift charges .</b>		1RM	
4	2.00	M <sup>3</sup>	Labour charges for <b>demolition of reinforced cement concrete including cutting reinforcement bars</b> manually/ by mechanical means including stacking of steel bars without affecting the adjacent structure incl. clearing the debris away from site, as directed.		1M <sup>3</sup>	
5	5.00	M <sup>2</sup>	Supplying, fixing and removing of <b>steel centering and shuttering</b> to correct line and levels fully leak proof to avoid leakage of cement slurry including strutting etc. complete (For PCC Pedestal)		1M <sup>2</sup>	
6	1.00	M <sup>3</sup>	Plain cement concrete <b>1:2:4</b> using 20mm size HBG machine broken jelly, coarse river sand including cost of all materials, mixing in mixer machine, laying, consolidation, self finishing and curing etc. complete under For Pedestal		1M <sup>3</sup>	
7	20.00	Kgs	Supplying fabricating,placing and tying in position of <b>steel reinforcement</b> including cost of 18 gauge MS binding wire etc. <b>complete for all RCC works</b>		1Kg	
8	0.50	M <sup>3</sup>	<b>Brick wall in Cement-mortar 1:6,230mm</b> and above thick using country bricks of size 230x100x70mm (Kiln burnt)including cost all materials and curing etc., complete. (super structure up to floor v level)		1M <sup>3</sup>	
9	17.00	M <sup>2</sup>	<b>Brick work in CM 1:4 for partition wall</b> using country bricks of size 230x100x70mm(Kiln burnt) including cost of all materials, labour for placing 2nos - 6mm dia MS rods at every 3rd course and curing etc. complete (steel will be measured separately & Supplied by Dept free of cost.).		1M <sup>2</sup>	
10	0.50	M <sup>2</sup>	<b>Brick on edge work in CM 1:4</b> using country bricks of size 230x100x70mm (kiln burnt) including cost of all materials and curing etc. complete for cupboard,open shelves,working platform support walls.		1M <sup>2</sup>	
11	20.00	M <sup>2</sup>	<b>Plastering with CM 1:5, 12mm thick</b> over new surface of <b>internal Brick walls</b> including cost of all materials and curing etc. complete.		1M <sup>2</sup>	
12	20.00	M <sup>2</sup>	<b>Plastering with CM 1:5, 20mm thick</b> over <b>external surface</b> of new Brick walls including providing grooves as required, cost of all materials and curing etc. complete in all floors at all heights.		1M <sup>2</sup>	

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13	10.00	M <sup>2</sup>	<b>Base Plastering with CM 1:5, 20mm thick</b> over chipped surface of existing brick walls including cost of all materials and curing etc. complete in all floors.		1M <sup>2</sup>	
14	60.00	M <sup>2</sup>	<b>Grano floor finishing with CC 1:1.50:3</b> using sand and 3mm to 8mm size HBG machine broken chips including cost of all materials, laying, consolidation, thread lining if necessary, neat finishing and curing etc. complete. <b>40mm average thick.</b>		1M <sup>2</sup>	
15	420.00	Kgs	Supplying and fixing in position of <b>MS Grill door &amp; MS Grill over brick wall</b> incl. cost of all materials, fabrication charges, 1 coat of metal primer etc. Complete as per sketch and specifications		1Kg	
16	3.00	RM	Supplying and fixing of the following PVC pipes including cutting charges, cost of cement solvent for joining and fixing with necessary specials, cost of all materials etc., complete for internal pipe lines. (ABOVE GROUND LEVEL) <b>63mm dia 4Kgs/CM<sup>2</sup>(incl. specials)</b>		1RM	
17			Supplying and fixing of the following dia SWR PVC pipes including cutting charges, cost of cement solvent for joining and fixing with necessary SWR PVC plumbing specials for external sewage line, waste water line including necessary scaffolding etc., complete but excluding cost of specials and MS brackets which will be paid separately.			
a	5.00	M	75mm dia - Type-B		1RM	
b	10.00	M	110 mm dia - Type-B		1RM	
18	10.00	RM	Supplying and fixing of the following dia Supreme make <b>SWR PVC Type-A pipes -110 MM dia</b> including cutting charges, cost of cement solvent for joining and fixing with necessary SWR PVC plumbing specials for rain water line including necessary scaffolding etc., complete but including cost of specials and MS brackets which will be paid separately.		1RM	
19	20.00	Kgs	Supplying and fixing of required size <b>brackets and clamps using MS Angles, MS flats, and MS threaded rods</b> as instructed by Engineer including one coat zinc chromate primer, two coats with synthetic enamel paint making holes in wall for fixing cement concrete for packing finishing the surfaces etc., complete		1Kg	
20			Supplying of <b>G.I special clamp with coach screw, U bolt , nut &amp; washer</b> of the following sizes of G.I Pipe supports and specifications etc. complete.			
a	2.00	No	100 mm length		1No	
b	2.00	No	230 mm length		1No	
21			Supplying , cutting, threading, laying and joining of <b>G.I. pipes ' B ' class</b> ISI make with necessary ' UNIK' make specials including cost of all required materials, clamps, teak wood plugs and screws etc., complete. (ABOVE GROUND LEVEL)			

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a	3.00	M	25mm dia		1RM	
b	2.00	M	32mm dia		1RM	
c	2.00	M	40mm dia		1RM	
d	10.00	M	50mm dia		1RM	
22	55.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>Acrylic emulsion</b> paint of approved make and colour over new/old walls and ceilings with one coat of water based primer after preparation of the surface smooth and even with Birla wall care putty/ approved equivalent including cost of all materials, proper roller finish, brush etc. complete.		1M <sup>2</sup>	
23	65.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>exterior acrylic emulsion</b> paint of approved make and colour over old/new walls and ceiling with one coat of exterior water based primer incl, cleaning the surfaces, cost of all materials, brush and scaffolding etc complete.		1M <sup>2</sup>	
24	25.00	M <sup>2</sup>	Painting two coats using <b>synthetic enamel paint</b> of approved make & colour over the <b>old / new ironwork</b> incl. surface preparation, necessary putty, cost of all materials, brush and scaffolding etc. Complete. (to be specially authorized in writing)		1M <sup>2</sup>	
25			Painting <b>new G.I. pipes with three coats</b> consisting of one coat of zinc chromate primer and two coats of Ist quality synthetic enamel paint of approved make and colour incl. cleaning the pipes, cost of all materials and brush etc. complete.			
a	3.00	M	25mm dia		1RM	
b	2.00	M	32mm dia		1RM	
c	2.00	M	40mm dia		1RM	
d	10.00	M	50mm dia		1RM	
26	100.00	M <sup>2</sup>	<b>Scraping completely and cleaning</b> the white (or) colour washed surface (or) snowcem surface of old walls and ceilings using putty plate, sand paper and wire brush etc. incl. scaffolding and clearing the debris away from site etc. complete. (For Interior and Exterior surfaces).		1M <sup>2</sup>	
27	20.00	Nos	Providing and drilling suitable <b>holes in reinforced or plain cement concrete</b> with power driven drill machine to a <b>minimum depth of 160mm</b> in RCC column/slab/beam including fixing in position of <b>M16- HIT-V-5.8 Anchor rod of 260mm long</b> with <b>Anchorage depth 160mm Hilty bolt</b> with Hilti Chemical Grout /approved equivalent Externally threaded-hammer drilling as per standard manufacturer specification and as per the direction of the Engineer in-charge.		1No	

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Sl.no.	Quantity		Description	Rate	Unit	Amount
28	850.00	Kgs	<b>Supplying, fabrication and erection of additional structural supports for rafters &amp; purlins/extension from the existing using with MS Pipe 'B' class APL Apollo/approved equivalent,SHS, Angle &amp; Plate</b> including Cost of necessary tools & materials, labours, fabrication and welding Charges ,one coat of anti-corrosive zinc chromate primer & 2 coats of synthetic enamel paint of approved make and colour as per instruction of engineer in charge, complete.		1Kg	
29	82.00	M <sup>2</sup>	<b>Providing and fixing precoated galvalume iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns</b> epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.		1M <sup>2</sup>	
30	10.00	M	Providing Laying with <b>pre painted iron steel sheet galvalume base 0.50 mm thick Plain Steel Ridges</b> , including fixing accessories and bitumen washer including cost of all materials,scaffolding etc Complete. ( <b>Flashing sheet</b> ) 600mm width		1RM	
31	12.00	RM	Supplying and fixing in position of following sizes of <b>pvc rain water gutter 4Kgs/CM2</b> arrangements including cost of all materials, necessary supporting arrangements using 40x6mm M.S. flat which is to be bent to required shape and welded with truss ends & painting 2 coats of 1st quality of synthetic enamel paint over one coat of Zinc chromate primer, etc., complete for 160mm dia half round PVC pipe		1RM	
32	1.00	Lorry loads	<b>Transporting the debris</b> by lorry from CMC Town Campus to outside of the campus including loading and unloading charges etc. complete.(Capacity 5.50 M <sup>3</sup> per lorry load).		1 Lorry load	
				<b>Sub Total</b>		
			<b>Excl.GST-18% -C/O to Consolidated Abstract</b>			