

Name of
work:-

Repairing work of old Bio Gas Plant at MNIT campus.

G-Schedule

S.No	Qty	Items	Unit	Rate	Amount
		Part A Civil work			
1	200	built up sections, trusses and framed work, including cutting, hoisting (height upto 10 m) , fixing in position and applying a priming coat of approved steel primer all complete:	Kg.	67.00	13400.00
2	120	Finishing with neat cement (punning).	Sqm	32.00	3840.00
4		approved brand and manufacture and or required shade to give an even shade including all scaffolding:			
	300	New work (Two or more coats applied @ 3.84 kg/1	Sqm	46.00	13800.00
5		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :			
	300.00	Two or more coats on new work	Sqm	60.00	18000.00
6	0.5	patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 m lead : With cement mortar 1 :4 (1 cement : 4 coarse sand)	Sqm	204.00	102.00
7		Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in :			
	2	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Cum	4724.00	9448.00
8		mortar 1:6 including racking of joint etc. complete fine finish :			
	115	20mm thick.	Sqm	151.00	17365.00
9		Grading roof for water proofing treatment with water proffing compound			
	1.00	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	4075.00	4075.00
10	100	angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50metres lead.	Kg	1.50	150.00
11	300	and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	Sqm	14.00	4200.00

12		P & F <i>G.I. pipes (Internal Work)</i> with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:			
		20mm dia nominal bore			
	50	'B' Class	Mtr.	223.00	11150.00
		50mm dia nominal bore			
	50	'B' Class	Mtr.	532.00	26600.00
13		Making connection of G.I. distribution branch with G.I. main including all fitting.			
	5	Upto 25mm dia	Each	241.00	1205.00
	5	Beyond 25mm & upto 100mm dia	Each	354.00	1770.00
14		P & F <i>Ball Cock</i> (IS :1703 Mark) with Rod & P.V.C. Ball complete :			
	1	Brass wt. Not less than 400 gm , 20mm.	Each	338.00	338.00
15		P & F <i>Full-way Valve</i> (IS:778 Mark) or wheel valve of approved make :			
	3	Gun-metal 20mm nominal bore.	Each	325.00	975.00
	3	(-do-) 50mm nominal bore.	Each	1331.00	3993.00
16		indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:			
	1	1000 (-do-)	Each	6480.00	6480.00
17		Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :			
	2	20mm dia nominal bore	Each	127.00	254.00
	5	50mm dia nominal bore	Each	421.00	2105.00
18		Supply of <i>ERW M.S. black casing pipe</i> ISI marked (IS:4270/1992) of grade Fe410 of following sizes at site of work.			
	100	100 mm Nominal bore of pipe	Rm	747.00	74700.00
Part B Electrical Work					
1.0		S&F following sizes (dia.) of ISI marked medium duty PVC conduit along with accessories in surface / recessed using saddles, clamps, fastener as required including cutting the wall, covering conduit and making good the same as			
1.2	50.0	25 mm	R. mtr.	42.00	2100.00

2.0		Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked medium duty PVC conduit & it's accessories, round tiles, Hot Dipped Galvanized Modular Box with earth terminal, 6 A Modular			
2.1	5.0	Medium point (up to 6 mtr.)	P. point	377.00	1885.00
3.0		Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required. (RR			
3.1	65.0	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm.	Mtr.	77.00	5005.00
3.2	150.00	4 x 6.0 sq.mm, Gr.I	Mtr.	176.00	26400.00
4.0		P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections with lugs, testing etc. as required. (Make: Schneider (neo break),			
4.1		Triple pole MCB			
a	1.0	40 A 63 A rating	Each	1034.00	1034.00
5.0		P&F 240/415 V isolator conforming to IS:13947-III/ IEC 60947-3 on existing board / sheet including making connections, testing etc. as required.(Make: Schneider (neo break), Siemens, HPL, GE , Standard,	Each		
5.1		Four pole Isolator			
a	2.00	63 A rating	Each	631.00	1262.00
6.0		P&F metal clad industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in sheet steel enclosure (without MCB) including making connections with lugs, testing etc.as required.(Make:Schneider (neo break), Siemens, HPL, GE ,			
6.1		Single / Double Pole (Three pin)			

a	2.0	20 A	Each	725.00	1450.00
6.2		Three / Four pole (Five pin)			
b	1.00	63 A	Each	5434.00	5434.00
7.0		P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with silver contacts including making connections testing etc. as required (Make: Legrand (Myrius), ABB (Classic Luminia),			
7.1	4.0	16 A one way switch	Each	138.00	552.00
7.2	4.0	16 A 6 pin shuttered socket	Each	138.00	552.00
7.3	1.0	5 step fan regulator 2 Module	Each	460.00	460.00
8.0		P & F following size mounting grid plates with cover plates. (Make: Legrand (Myrius), ABB (Classic Luminia), Anchor (Wood), Schneider (Opale),			
8.1	1.0	10/ 12 Module	Each	200.00	200.00
9.0		P & F following size hot dip galvanized M.S. box with earthing terminal in recess/ surface suitable for modular accessories as required. (Make: Legrand (Myrius), ABB (Classic Luminia), Anchor (Wood), Schneider (Opale), Philips,			
9.1	1.0	10/ 12 Module	Each	130.00	130.00
10.0		P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, IInd class bricks covering, refilling earth, compaction of earth, making			
10.1		16.0 Sq.mm			
a	35.0	4 core	Mtr.	178.00	6230.00
10.2		70.0 Sq,mm			
b	60.0	3.5 core	Mtr.	388.00	23280.00
11.0		Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty aluminium lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt			
11.1	2.0	3.5 x 70.0 sq.mm	Set	186.0	372.00

12.0	1.0	Plate Earthing as per IS:3043 with copper Earth plate of size 300mm x 300mm x 3.0mm by embodying 3 to 4 mtr. below the ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like nut, bolts, reducer, nipple ,wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300mm complete with alternate layers of salt and	Set	5000.00	5000.00
13.0		S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection			
13.1	25.0	8 SWG copper Wire	Mtr.	79.0	1975.00
13.2	4.0	20mm x 3mm copper strip	Mtr.	402.0	1608.00
14.0		P&F of Double ball bearing, capacitor start single phase metallic blade fresh air fan, in existing opening including cost of hardware , flexible copper conductor ,making connections, testing etc. as required. Almonard, CG, Alstom,			
14.1	2.00	300 mm sweep	Each	1856.00	3712.00
15.0		Supply and fixing of oil / Air break DOL / Star Delta Starter made out of sheet steel powder coated enclosure with single phasing protection, ON / OFF push buttons, etc. complete in all respect suitable for following rating motors. Make:- L&T, Siemens, ABB, BCH,			
15.1		Fully Automatic Star/ Delta Starter			
A	1.0	3.0 HP to 10.0 HP	Each	4560.0	4560.00
Total G schedule Amount					307151.00

I/We hereby agree to execute the work @% Above/Below

SIGNATURE OF THE CONTRACTOR WITH FULL POSTAL ADDRESS

H Schedule					
S.No.		Particulars	Unit	Rates	Amount

1	1.0	supply Installation testing and commissioning of commercial Food Waste Crusher for capacity of 500 kg/Hr., semi automatic Type with 5 H.P. motor of 2800 rpm speed. Operating voltage is 440 V, 50 Hz. Inlet of machine is not less than 125 mm	Each		
				TOTAL	
		Total Quoted amount Gschedule + Hschedule			

Executive Engineer
Estate Section
MNIT, Jaipur

of Schedule 'G'