

Part IIA

Dated 14.09.2010

**Price Bid/Financial Proposal for the construction of Departmental
Purchase Center at**

Tender No. JCI/JTM/MM - III/DPC/06/10-11 dated 15.09.2010

**Price Bid/Financial Bid i.e. Part II A for the Construction of
Warehouse, Assortment Shedcum Purchase Platform with
Bale Press, Office Building with information Centre, Retting
Tank with Demonstration Platform and Other Essential
Facilities at DPC of JCI at Lalbagh-II (Murshidabad) and
Dudhkumrahat (East Midnapore) in West Bengal.**

Signature

Price Bid/Financial Bid i.e. Part II A for the Construction of Warehouse, Assortment Shedcum Purchase Platform with Bale Press, Office Building with information Centre, Retting Tank with Demonstration Platform and Other Essential Facilities at DPC of JCI at WB, Assam, Bihar, Orissa, AP and Other States.

Preamble to the Financial Bid/Price Bid

1 All the rates are based on the PWD schedule of rates for WB valid from 1.4.07 except for electrical and road works. Although for Assam and Andhra Pradesh states, the specifications shall be valid as per WB PWD specifications.

2 Rates for electrical and road works are based on prevailing market rates.

3 All the specifications and brand of the material are to be followed as per the Existing Schedule of WB PWD valid from 1.4.07, unless otherwise approved by Competent authority of Jute Corporation of India. In case of any ambiguity in the make and specifications of any item, the specifications as per the PWD schedule of West Bengal shall be applicable.

4 The tender drawings enclosed are indicative only and are not meant for construction, the drawings for construction shall be issued after placement of work order.

5 Any deviation in drawings or work order specifications has to be got approved by Jute Corporation of India prior to execution, failing which no extra claim shall be entertained. Although the deduction on account of under specifications shall be made.

6 Contractor/Bidder/Tenderer is required to quote only one percentage, applicable for the entire Bill of quantities in the financial/price bid.

7 The quantity indicated in the price bid are indicative and tentative, any variation in quantity must be brought to the notice of Jute Corporation Of India before execution

8 Either all or any of the item mentioned in the price bid can be deleted or decreased or increased to any amount during the execution of the work. Nothing extra is payable for deletion/increase/decrease in quantity to any extent.

9 The rates quoted by the contractor shall remain firm for the entire duration of the contract and no escalation on any item/rate shall be paid.

10 The rates quoted shall be inclusive of all the taxes and duties including service tax.

11 This financial bid/Price bid contains 16 pages in all and is an integral part of Entire tender document.

	Price Bid/Financial Bid for the Construction of Warehouse, Assortment Shed cum Purchase Platform with Bale Press, Office Building with Information centre, Retting Tank with Demonstration Platform and Other Essential Facilities at DPC of JCI at WB, Assam, Bihar, Orissa, AP and Other States.
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	Abstract of Cost Estimates	Construction of DPC of JCI
sn.	Sub-head	ESTIMATED COST
A	Earth Work	218302
B	Concrete & Brick works	4055808
C	Finishing works	472756
D	Steel and Roofing works	1983214
E	Door/window works	173060
F	Plumbing & Water Supplying works	181920
G	Electrical Works	137194
H	Road works Approach and Internal (internal)	239661
I	Land Development and Building Protection Work	400289
J	Boundary Fencing and Entrance Gate	243278
K	Retting Tanks cum Demonstration Platform	354039
	Grand Total for above Sub Heads (A+B+C+D+E+F+G+H+I+J+K)	8459520
	OVERALL ESTIMATED COST	8459520

We hereby Quote a percentage of _____ % above/Below/At Par on the rates mentioned under each sub heads in the Price Bid/Financial Bid.

Note : % to be quoted in figures as well as words.

The rates are inclusive of all taxes, duties including service taxes etc.

Signature of
Contractor/Bidder/Tenderer

Price Bid/Financial Bid for the Construction of Warehouse, Assortment Shedcum Purchase Platform with Bale Press, Office Building with Information centre ,Retting Tank with Demonstration Platform and Other Essential Facilities at DPC of JCI at WB,Assam,Bihar,Orrisa,AP and Other States.

	Tender Phase - 5th				
SL NO	DESCRIPTION OF WORK				
A	Earth Work	UNIT	Qty	Rate(Rs.)	Amt(Rs.)
1	Earth Work in excavation of foundation ,trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing ,spreading or stacking the spils within a lead of 75 m as directed .The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom, bailing out water as required complete .				
a.	Depth of excavation not exceeding 1500 mm	Cum	321.48	41.87	13460.37
2	Earth Work in filling in foundation trenches or Plinth with good earth in layer not exceeding 150 mm including watering and ramming etc layer by layer complete (Payment to be made on basis of measurement of finished quantity of work)				
a.	With earth obtained from excavation of foundation	Cum	217.42	26.00	5652.92
b	With carried earth arranged by contractor (Including cost of carried earth)	Cum	378.78	168.76	63922.91
3	Filling in foundation or plinth by silver plinth with good earth in layer not exceeding 150 mm directed and consolidating same by thorough saturation with water ramming complete including the cost of supply of sand (Payment to be made on measurement of finished quantity.) a) Do by fine sand	Cum	383.08	353.10	135265.55
Total Sub Head A (Earthwork/Sand Filling)					218302
B	Concrete & Brick works				
4	Single flat brick soling of picked Jhamma bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand	Sqm	1276.64	120	153196.80
5	Cement concrete with graded jhama khoa /Pakur /chandi Variety/Bazree/Dhalbhumagarh gravel 20% crushed/Local hard black crushed stone (30 mm size max, excluding shuttering for (1:4:8) Proportions in all ground floor/foundations	Cum	30.48	1955	59588.40
6	Ordinary cement concrete Plain Cement Concrete (1:2:4) for floor base with graded stone chips (20 mm down)excluding shuttering and reinforcement, if any in ground floor as per IS 456-2000 excluding shuttering and reinforcement, if any with Pakur/Chandi Variety/River Bazree with Dhalbhumgarh gravel 20% crushed broken) AND a floating coat of neat cement finish.	Cum	165.24	3020	499024.80
7	Controlled Cement concrete grade M-20 mix with well graded stone chips (20mm grade) excluding shuttering and reinforcement, with complete design of concrete as per IS:456 and relevant special publications submission; of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in-charge. Consumption of cement will be not less than 6 bags/300kg of cement per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test & job -mix formula. In ground floor & foundation with aggregates as Pakur/Chandi Variety/River Bazree with Dhalbhumgarh gravel 20% crushed broken).	Cum	218.73	3566	779991.18
8	Hire and labour charges for shuttering with centreing and necessary staging up to 4 m,using approved stouts props and thick hard wood planks of approved thickness with required bracing for the concrete slabs,beams,columns,lintels,curved or straight including fitting, fixing and striking out after completion of works up to roof of ground floor, with steel shuttering or 9 to 12 mm thick approved ply board shuttering in any concrete work.	Sqm	1456.21	200	291242

9	Reinforcement for reinforced concrete work in all the sorts of structures including distribution bars stirrups binders etc including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to requisite length hooking and bending to correct shape placing in proper position and binding with 16G black annealed wire at every intersection complete as per drawing and direction For works in foundation basement and up to roof of ground floor /up to 4 m with Tor Steel/ as per IS specifications.	MT	28.50	45000	1282500.00
10	Brick work in CM 1:6				
a	In Foundation & Plinth	Cum	49	3050	149450
b	In superstructure ground floor.	Cum	212.13	3150	668209.50
c	125mm thick brick with 1st Class bricks in cement mortar(4:1) in ground floor	sqm	493.67	300	148101.00
11	R.C weather board (4:2:1:) with stone chips and necessary reinforcement up to 1% including main and distribution bars) shuttering and 6 m thick cement plaster (4:1) including all moulding drip course etc compete in ground floor .	sqm	20.40	619	12627.60
	A) 50 mm thick panels				
12	Extra for water proofing compound (of approved brand) I specified proportion in cement concrete brick work sand cement plaster etc .	Kg	209.00	29	6061.00
13	25 mm thick damp proof course with cement concrete with stone chips (4:2:1) and admixture of water proofing compound as per manufacture's specification over a coat of polymer based paint double chequered complete as directed (cost of water proofing compound and polymer based paint to be paid separately).	sqm	61.865	94	5815.31
	Total Sub Head B (Concrete & Brick works)				4055808
C	Finishing works				
14	Plaster (to wall floor ceiling etc) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating nosing and drip course where necessary (ground floor)ii) With 4:1 cement mortar				
a.	20 mm Plaster	sqm	1311	84	110124.00
b.	15 mm Plaster	sqm	2317	72	166824.00
c.	10 mm Plaster	sqm	242.88	56	13601.28
d	Neat Cement finishing above floor Finish of IPS Flooring (Terrace of RCC roof mixed with Waterproofing Compound.)	sqm	2053	22	45166.00
15	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime 1 part of shell lime should be used in finishing coat All floors: Three coats (on new work only)	sqm	3825	6.9	26392.5
16	Colour washing with pigments of any shade with a coat of whit awash priming including cleaning and smoothening surface thoroughly . Internal All floors.	sqm	3825.13	5.30	20273.19
17	Two coats of colour wash (on new work only N.B :Extra for each additional floor				
	External Surface (GF)	sqm	2659.64	4.80	12766.27
18	Oil bound distemper (synthetic) to interior wall ceiling with a coat of priming (as per manufacture's specification) including cleaning and smoothening surface (two coats) (This item should done as per specification of Engineer -in -charge)				
	On timber or plastered surface with super gloss (Hi -gloss)	sqm	415.80	30.00	12474.00
19	Supplying fittings and fixing 1st quality porcelain tiles of any size in wall and floors including borders to match with the existing work set in sand cement mortar (4:1) including backing concrete (1:2:4) & 4 nos of key stones (10 mm) fixed with araldite at the back of each tile and finishing the joints with white cement mixed with colouring oxide (if requested) to match the colour of the tile other than white.	sqm	51.43	693	35640.99
20	Supplying fittings and fixing 1st quality Ceramic tiles of any sizes having mat finishing walls and floor including borders to match with the existing work set in sand cement mortar (4:1) including backing concrete (1:2:4) and 4 nos of key stones (10mm) fixed with araldite at the back of each tile and finishing the joints with white cement mixed with coloring oxide of required to match colour of tiles . (i) White	sqm	47.88	616	29494.08

	Total Sub Head C (Finishing works)				472756
D	Steel and Roofing works				
21	Galvanized corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm .Dia J or L hook bolt limpet and bitumen washers and putty complete with 150 mm end lap and done corrugation minimum side lap (payment to be made on area of finished work (I) in Roof with 0.63mm .Thick sheet .	sqm	1405.80	420.00	590436.00
22	Supplying fittings and fixing glass reinforced polyester translucent fiber glass sheet to match with GCI corrugation as per IS :12866-1989 in roof fitted and fixed with 10 mm dia J or L hook bolt limpet and bitumen washers and putty with 150 mm end lap and one corrugation minimum side lap complete. with 1.6 mm +/-0.2 mm thick sheet (i) white or tinted blue colour	sqm	55.20	632.00	34886.40
23	Galvanized iron sheet ridging 250 mm lap each way and fitted with necessary bolts fitted with necessary bolts screw washers etc complete a) with 0.63 mm Thick sheet	Mtr	45.00	175.00	7875.00
24	For Structural works in roof Trusses etc. using joists, channels and angles/MS Tubes of specific section weighing less than 22.5 kg/m (including enamel paints on finished surface)	MT	22.50	55000	1237500
25.1	Supplying fittings and fixing steel rolling shutter profile type with 18 G of approved type steel latched section 75 mm wide fitted with coil wire spring to necessitate the fitting of required No of C.I Pulleys on heavy solid drawn seamless steel tube complete with locking arrangements both inside and outside specially built up side guide Channels including providing a hood for the steel ; rolling shutter in the room painting two coats of approved aluminium paint over a coat of red lead primer complete (Measurement will be made on the area of opening covered by the rolling shutter corrected up to 2 decimal) (including enamel paints on finished surface)	sqm	27	1982	53514
25.2	Wire Mesh for AS PP Covering	Sqm	91.85	275	25258.75
26	Holding down bolt with nut including 100x 100x6 mm .Plate washer at bottom fitted complete and packing the hole with cement concrete or cement grout as directed (iii) 25 mm dia bolt 750 mm Long.	Each	222	152	33744
	Total Sub Head D (Steel and Roofing works)				1983214
E	Door/window works				
27	Supplying fitting and fixing windows and ventilators with or without integrated grills conforming to I.S 1038 -1975 and manufactured from rolled steel section conforming to IS 7452 -1974 with non friction projecting type box type hinges glazing clips lugs locking bracket handle plate etc including hoisting in position straightening if required fixing lugs in position straightening if required fixing lugs in cement concrete (4:2:1) with stone chips 19 mm .Down cutting holes and meding good damages to match with existing surface complete in all respect excluding glazing (Add extra @1.2% for each addl .Floor upto 5th floor and @1.5 for each addl .Floor above 5th floor) In ground floor flash but welded windows and ventilators (No shop priming will be allowed to facilitate inspection of workmanship) (including enamel paints on finished surface)				
a	Fixed type steel windows as per IS sizes with horizontal glazing bars. Including glass panes.	sqm	33.84	1108	37494.72
b	Openable steel windows as per IS size with side hung shutters and horizontal glazing bars, with or without fixed type ventilators (extra rate admissible only for openable portion only.) Including glass panes.	sqm	33.84	1105	37393.2
i	Fixed type steel ventilator as per IS sizes horizontal glazing bars height being limited to 580 mm. Including glass panes.	sqm	4.8	62	297.6
ii	two point nose steel handle including fitting and fixing.	Each	25	21	525
iii	MS Integrated grills as per approved design with steel windows and ventilators joints continuously welded with MS flats.	kg	500	45	22500
28	Supplying fittings Collapsible shutter profile type with 18 G of approved type steel latched section) (including enamel paints on finished surface)	sqm	2.0205	2000	4041

29	Supplying fitting and fixing door frames with M.S angle as per drawing and directin of required section .But hinges will have to be supplied as necessary and the holes for counter sunk machine screw and nuts will be such as to fit 8 to 10 mm iron screw and nuts will be such as to fit 8 to 10 mm iron screw .The counter sunk nut to be welded and such screws and nuts are to be supplied by the contractor .The nuts are to be welded after careful checking with screw all welding sports should be properly filed or rounded smooth including cost of welding hinges for huge cleats including supplying the same and also lugs for hasp bolt socket bolt etc and necessary .M.S clamps of 25 mm x6mm flat 225m Long as per direction welded to the frame including supplying and fixing clamps with cement concrete 4:2:1complete. (including enamel paints on finished surface)	kg	500	65	32500
30	M.S clamp for fixing door and window frame made of flat bent bar end bifurcated fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction (Cost of cement concrete will be paid separately)a) 40 mmx 6 m above 250 mm up to 350 mm length (The concreting will have to be done for equivalent thickness of 2 layers of brick work and for the entire width of wall .No deduction on brick work will be made .	Each	36	30	1080
a	Anodized aluminium floor door stopper	Each	12	78	936
31	Anodized aluminium barrel/tower /socket bolt (full covered) of approved quality manufactured from extruded section conforming to I.S 204/74 fitted and fixed with cadmium plated screws: vi) 200 mm long x 10 mm dia bolt	Each	12	177	2124
	Anodized aluminium Aldrop/Sliding bolts of approved quality manufactured from extruded section conforming to I.S specification (i.S.2681/66) fitted and fixed complete. i) 250mm x 16 mm dia bolt	Each	36	36	1296
33	Anodized aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S specification (I.S 205/66) and fitted and fixed with cadmium plated screws:				
a	75x45x2.5 mm	Each	36	53	1908
	Anodized Aluminium D-type handel of approved quality manufactured from extruded section conforming to I.S specification (I.S 230/72) and fitted and fixed complete a) With continuous plate base hexagonal/round rod)				
34	100 mm long x12 mm dia bolt				
a	125mm grip x10 mm dia rod	Each	12	50	600
b	Supplying solid flush type doors of commercial quality the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65 mm wide each and the entire frame fitted with 37.5 mm wide battens placed Bothe ways in order to make the door of solid core and internal lapping with Guarantor similar wood veneers using phenol formal dehyde as glue etc complete including fitting, fixing shutters in position but excluding fitting fixing shutters in position but excluding the cost of hinges and other fittings in the grounds floor . a) 35 mm thick shutter (single/Double leaf) including enamel paint on finish surface.	Each	12	47	564
35	Supplying solid flush type doors of commercial quality the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65 mm wide each and the entire frame fitted with 37.5 mm wide battens placed both ways in order to make the door of solid core and internal lapping with Guarantor similar wood veneers using phenol formal dehyde as glue etc complete including fitting, fixing shutters in position but excluding fitting fixing shutters in position but excluding the cost of hinges and other fittings in the grounds floor . a) 35 mm thick shutter (single leaf)	Sqm	20	1490	29800
	Total sub Head E (Doors and Windows)				173060
F	SANITARY,WATER SUPPLY AND PLUMBING				
36	Supplying fitting and fixing G.I pipes of TATA make with all necessary accessories				

a	25 mm dia medium quality	Mtr	30	164	4920
b	32 mm dia medium quality	Mtr	30	205	6150
37	Supplying fitting and fixing in position G.I pipes of TATA make for underground works				
a	25 mm dia. Medium quality	Mtr	30	182	5460
b	32 mm dia. Medium quality	Mtr	30	203	6090
38	Supplying fitting and fixing shower rose of approved brand and make				
a	Chromium Plated 15 mix 125mm.	Each	3	124	372
39	Supplying fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq.cm (for water lines only)				
a	50 mm	Each	4	1818	7272
b	40 mm	Each	4	1140	4560
40	Supplying fitting and fixing C.P bib cock /stop cock of approved make and brand tested to 21 kg per sq cm				
a	Ordinary light 15 mm dia	Each	4	156	624
41	Supplying fitting and fixing alloy iron with brass spindle bid cock /stop cock of approved brand and make spray painted and tested to 21 kg per sq .cm				
a	15 mm	Each	4	87	348
b	20 mm	Each	4	165	660
42	Supply& fixing PVC rigid pipes & fittings (medium duty) conforming to ASTM-D-1785 & Threaded to match with GI -pipes as per IS : 1239(Part-I)				
a	PVC rigid pipes (Dia)				
i	32 mm	Mtr	20	132	2640
ii	40 mm	Mtr	20	157	3140
b.	Socket				
iv	32 mm	Each	4	17	68
v	40 mm	Each	4	25	100
c	Elbow				
iv	32 mm	Each	4	31	124
v	40 mm	Each	4	44	176
d	Bend (90 degree) (Dia)				
iv	32 mm	Each	4	85	340
v	40 mm	Each	4	118	472
e	Tee (Dia)				
iv	32 mm	Each	4	35	140
v	40 mm	Each	4	53	212
f	Nipple (75 mm long)				
iv	32 mm	Each	4	23	92
v	40 mm	Each	4	28	112
l	Union				
iv	32 mm	Each	4	69	276
v	40 mm	Each	4	99	396
43	Supply of High Density Polythene Pipe & fittings for Soil & Rain Water con-forming to IS-4984-1985 (Dia)				
a	75 mm				
i	Single Socketed	Mtr	12	108	1296
ii	DoubleSocketed	Mtr	12	114	1368
44	Supplying P.V.C water storage tank of approved quality with closed top with lid (Black)-Multilayer with 500 litres	Each	2	2779	5558
45	Supplying fitting and fixing 10 litre P.V.C low -down cistern conforming to I.S specification with P.V.C fittings complete C I brackets including two coats of painting to backer etc	Each	3	1112	3336
46	Wash basin white vitreous china of approved make (with all the fittings as per item no.2 page 84 of sanitary and plumbing works of PWD Schedule wef 1.4.07 for WB) supplied fitted and fixed in position on (75mm x 75mm x75mm) wood blocks and C.I brackets including two coats of painting of C.I brackets.				
a	550 mm x 400 mm size	Each	3	1379	4137
47	Best quality sink in mosaic in silver grey colour with C.P waste and other fit -tings rubber plug and chain .C I heavy brackets with two coats of approved paint				
a	600 mm x 450 mm x 200 mm	Each	3	442	1326

48	Supplying fitting and fixing approved brand P.V.C CONNECTOR white flexible with both ends coupling with heavy brass C.P nut 15 mm dia ,600 mm long.	Each	3	31	93
49	Supplying fitting and fixing approved brand P.V.C waste pipe ,with coupling at one end fitted with C.P over brass nut 32 mm dia ,900 mm long	Each	3	61	183
50	Supplying fitting and fixing pillar cock of approved make with CP 15 mm	each	3	403	1209
51	C.P over brass with capstan head straight /high hose /long body with 15 mm	Each	3	411	1233
52	C.P over brass elbow action bib cock /pillar cock with 15 mm	Each	2	465	930
53	Labour for boring tube well of required dia by Water Jet system through any type of soil strata including hire and labour charges for boring pipes affording tools and plants as necessary and taking out them and lowering pipes strainers blind pipe etc and fitting and fixing the same complete including bucket washing and other incidental works in the connection .The tube well should have a minimum 50 mm gap in between the outside of the tube well pipe and the bore.				
54	For depth up to 150 meter for 50 mm dia .Tube well with top enlargement of 100 mm dia with 100 mm dia boring.	Mtr	50	311	15550
55	Supplying high density polythene strainer of approved make with adapter com forming to I.S specifications .and 100 mm dia.	Mtr	45	546	24570
56	Supplying M.S male /female adopter of approved make and brand for coupling of M.S pipe and fiber glass strainers with 100mm dia	Each	2	1403	2806
57	S/fing check valve GM tested 32 mm dia	Each	2	749	1498
58	Washing and developing tube well as per item no. 19 page 118 of PWD schedule of WB effective from 1.4.07.	Day	5	4250	21250
59	Testing of water sample	LS	1	800	800
xiii	wc connector 450 mm	Each	3	289	867
xiv	110x110 p trap	Each	3	293	879
xv	plain floor trap				
xvi	75 mm	Each	3	149	447
xvii	110 mm	Each	3	180	540
xviii	round jali 75 mm	Each	3	23	69
60	Supplying and fixing complete with fittings ,Anglo Indian WC in white glazed vitreous china ware approved make with P trap	Each	3	2665	7995
61	Supplying and fixing complete with fittings ,Flat back urinal vitreous china ware approved make supply and fitted 465x355x265 mm	Each	3	751	2253
62	S/fixing of beveled edge mirror 600x450 mm x5.5 mm thick silver red as per IS 3438/1965 together with brass CP fittings.	Each	2	379	758
63	S/fixing of glass shelf with aluminium guard rails with ordinary 5.5 mm glass sheet 600x126 mm	Each	2	277	554
64	s/fixing of liquid soap holder chromium plated	Each	2	319	638
65	S/fixing of towel rail with brackets of CP over brass 25 mm dia 600 mm long	Each	2	290	580
66	S/fixing of toilet paper holder roll type 250x125 mm	Each	3	222	666
67	S/fixing of recessed soap tray 300x150 mm	Each	3	277	831
68	Construction of Septic tank as per enclosed drawing s for 20 users, as per the item no. 3 on page 176 for PWD schedule of sanitary and plumbing works of WB ,valid from 1.4.07 onwards.	Each	1	25241	25241
69	Construction of Circular soak pit as per item no. 4.(a) on page 178 for schedule of PWD WB for sanitary and plumbing works, valid from 1.4.07.	Each	1	7195	7195
70	S/fixing of RCC manhole cover for manhole with 560 mm dia	Each	2	260	520
	Sub total head F (SANITARY,WATER SUPPLY AND PLUMBING)				181920
G	Electrification Works				
71	Supply, laying, Connecting, jointing, testing & commissioning of Cu Flats /wire for Earthing & lightening protection under or Above Ground				
a	8 SWG wire	Mtr	350	55	19250
72	PROVISION OF EARTH STATIONS				
a	Earthing as per Drg. No. D -55970 suitable for storage installation	Each	1	6234	6234
73	Supplying & fixing of Double door Distribution Board of Havell's or approved make with weather proof surface / recessed steel box 1.2mm thick MS sheet to be fixed/ concealed in wall				
a	8 Way SP&N Distribution Board	Each	3	1103	3309

74	SUPPLYING & FIXING of MCB (10KA)				
a	"C" Curve type SP MCB up to 32 amp. Of L&T/ Siemens/ GE (L&T Hager " NC" Series/ equivalent)	Each	10	175	1750
b	"C" Curve type DP MCB up to 32 amp. Of L&T/ Siemens/ GE (L&T Hager" NC" Series)	Each	4	458	1832
75	SUPPLYING & FIXING of RCCB of approved make L&T/ GE / Siemens with necessary connections				
a	63A 4 pole 30mA (L&T Hager Cat No. U763U1)	Each	2	2497	4994
77	Providing , fixing, testing, commissioning				
a	10 AMP Piano switches of Anchor/Northwest/ crabtree or approved make	Each	25	21	525
b	10 AMP Piano 5 pin plug socket of Anchor/Northwest/ crabtree or approved make	Each	18	38	684
c	20 AMP Piano 5 pin plug socket of Anchor/Northwest/ crabtree or approved make	Each	8	54	432
78	Supplying, installing testing & commissioning 1 x 36 / 40w light fitting of phillips Cat No. TKC 203/136 HPF/ or Equivalent crompton/Bajaj make complete with electronic chocks, starter & tube	Each	15	1397	20955
79	Supplying, fixing, testing, commissioning 1200mm size ceiling fan (double ball bearing), KHAITAN /CROMPTON /USHA / ORIENT/ Bajaj make with STEP FAN SPEED CONTROLLER (electronic regulator) & MS fan box	Each	8	2000	16000
80	Supplying, fixing, testing, commissioning 300mm size single phase exhaust fan KHAITAN /CROMPTON /USHA/ ORIENT / Bajaj make with 20gauge MS sheet/ PVC frame louvers frame duly painted fixed on wall opening	Each	3	2413	7239
81	Inside wiring for buildings including sub main and circuit				
a	Light /fan /10 Amp piano type switch / socket of Anchor/MK/North west/ Crabtree and suitable box for switches (Rate includes supplying & fixing of piano type switch / socket, and its plate, providing and laying PVC 19/25mm dia pipe, 14 gauge GI sheet b	Each	10	286	2860
b	20 Amp switch / socket of Anchor/MK/North west/ Crabtree and suitable box for switches Rate includes supplying & fixing of piano type switch / socket, and its plate, providing and laying PVC 19/25mm dia pipe, 14 gauge GI sheet box with necessary ace	Each	10	413	4130
82	Supplying and fixing of 2.5HP Submersible pump for deep tube well	Each	1	25000	25000
82	PROVIDING & INSTALLING OF YARD LIGHT POLES including Supplying, fixing, testing, commissioning 2x28w Mirror optical fittings of Phillips (Cat. No. TCS/ 398/2 X 28/D6HF)/ Bajaj/ Crompton make complete with tubes, electronic chokes, ceiling mounting arrangement etc.				
a	7M HEIGHT AS PER DRG No. 432-1/2 (Rate includes all material, civil, mechanical job complete)	Each	2	11000	22000
	Sub Total Sub Head G (Electrification Work)				137194
H	Road works (70 mtr.Long)3.5 mtr wide				
83	Preparation of sub grade by cutting existing earth or filling, maximum up to 100 mm. Leveling to camber, consolidation by power roller including making good undulation & disposal of excess earth to unobjectionable place.	sqm	245	43.05	10547.25
84	Provision of 150mm thick Hand Packed Rubble Cut Stone Soling of size 60 to 93mm in driveway duly consolidating by power roller. Including filling the gaps by chips/murram including preparation of bed and dressing the same to proper level etc complete.	sqm	245	215.15	52711.75
85	Spreading of silver sand up to 75mm and filled voids of stone soling above compacted and consolidated.(75X5.9X.25 ht.) with side soling of 1.2mtr on each side	cum	103	353	36359
86	Laying and packing of road side bearing by Jhama brick (125mm below existing EGL and 125mm above EGL for side guarding of pitched soil on both end of road kerb) and joined by CM (1:6)	RM	140	60	8400
87	RIGID PAVEMENT TOPPING WITH (M15 Grade Concrete)				
	Laying and compaction of M15 grade (125 mm thick) Panel wise concreting with expansion joint of size (panel size of 1.75M X1.75M)	cum	30.63	3100	94953
88	Mooram filling Road (15 mtr) Footway	unit			
	Sandy soil Filling and consolidation	cum	26.25	353.1	9268.875
ii	Brick Bats	cum	13.125	1500	19687.5
iii	Spreading of mooram	cum	7.875	982	7733.25

	sub Total head H (Road)				239661
I	Building Protection Work and Land Development (1 acre Land)				
89	Plinth Protection + Drain : Ware House+Assortment Shed cum Purchased Platform+Office Building	unit	qnty	rate	amt
i	Earth Excavation in Foundation	cum	53.75	41.87	2250.5125
ii	Sand soling	cum	59.125	353.1	20877.0375
iii	BFS	sqm	107.5	120	12900
iv	PCC 1:3:6	cum	10.75	2100	22575
v	Neat cement polish	sqm	408.5	22	8987
vi	Brick Work 250 thk	cum	34.94	3050	106567
vii	Brick Work 250 thk	cum	13.44	3050	40992
viii	Brick Work 125 thk	sqm	53.75	300	16125
ix	Plaster 15mm	sqm	327.875	72	23607
90	Earth filling/Sand filling for Land Development (1 Acre land with 2' ht. filling)				
i	Earth FILLING(available at site)	cum	400	26	10400
ii	Earth FILLING(arranged by Contractor from outside)	cum	800	168.76	135008
	Sub Total Sub Head I (Building Protection Work and Land Development)				400289
J	BOUNDARY FENCING and ENTRANCE GATE				
91	BOUNDARY FENCING				
	Work Descriptions	unit	qnty	rate	amt
i	Earth excavation	cum	0.049	41.87	2.05
ii	RCC 1:2:4(Base 300X300)	cum	0.05	3020	151.00
iii	ISA 50X50X6	Kg	5.5	54	297.00
iv	Barbed Wire (9 rows)	Rm	9	9	81.00
v	Shuttering/Centering	sqm	0.36	200	72.00
vi	250mm thk Brickwork	cum	0.081	3050	247.05
vii	15mm thk Plastering	sqm	1.44	72	103.68
viii	Neat cement finish	sqm	1.44	22	31.68
	For 1 mtr. Length				985.46
	1 acre land periphery(215 mtr)				211874
92	ENTRANCE GATE				
i	Earth cutting	cum	0.864	41.87	36.18
ii	PCC 1:4:8	cum	0.192	1955	375.36
iii	Footing (600X600X350)M15	cum	0.378	3020	1141.56
iv	Pillar (400X400X2000) M15	cum	0.96	3020	2899.2
v	Reinforcement	Kg	250	45	11250
vi	15mm Plastering	sqm	9.6	72	691.2
vii	Gate (Leaf) MS pipe Integrated Grill (with enamel paints on finished surface)				0
viii	Outer frame (MS pipe)2.5"(6 Kg)(with enamel paints on finished surface)	Kg	151.2	43	6501.6
ix	Intermediate Bracing (MS pipe) 1.5"(3Kg)(with enamel paints on finished surface)	Kg	190.35	43	8185.05
x	Bolt,Hinge etc. (75X45X2.5)	nos	9	36	324
	Total Sub Head J (BOUNDARY FENCING and ENTRANCE GATE)				243278
K	RETTING TANKS CUM DEMONSTRATIONS PLATFORM				
A	Earth Work		rate	qnty	amt
93	Earth Work in excavation of foundation, trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing ,spreading or stacking the spills within a lead of 75 m as directed .The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom, bailing out water as required complete .				
a	a) Depth of excavation not exceeding 1.5m	M ³	41.87	304	12,728.48
b	b) Depth of excavation for additional depth beyond 1.5m not requiring shoring.	M ³	77.24	110	8,496.40

94	Earth Work in filling in foundation trenches or Plinth with good earth in layer not exceeding 150 mm including watering and ramming etc layer by layer complete (Payment to be made on basis of measurement of finished quantity of work).				
a.	a) With earth obtained from excavation of foundation	M ³	26.00	168.4	4,378.40
95	Filling in foundation or plinth by silver plinth with good earth in layer not exceeding 150 mm directed and consolidating same by thorough saturating with water ramming complete including the cost of supply of sand (Payment to be made on measurement of finished quantity.)				
a.	Do by fine sand	M ³	353.1	9	3,177.90
	Concrete & Brick works				
96	Single Brick Flat Soling with Jhama Bricks	sqm	120	59	7,080.00
97	Cement concrete with graded jhama khoa /Pakur /chandi Variety/Bazree/Dhalbhumagarh gravel 20% crushed/Local hard black crushed stone (30 mm size max, excluding shuttering for 1:2:4 Proportions in all ground	cum	3020	16.2	48,924.00
98	Hire and labour charges for shuttering with centreing and necessary staging up to 4 m, using approved stouts props and thick hard wood planks of approved thickness with required bracing for the concrete slabs, beams, columns, lintels, curved or straight including fitting, fixing and striking out after completion of works up to roof of ground floor, with steel shuttering or 9 to 12 mm thick approved ply board shuttering in any concrete work.	M ²	200	93.6	18,720.00
99	Reinforcement for reinforced concrete work in all the sorts of structures including distribution bars stirrups binders etc including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to requisite length hooking and bending to correct shape placing in proper position and binding with 16G black annealed wire at every intersection complete as per drawing and direction For works in foundation basement and up to roof of ground floor /up to 4 m with Tor Steel/Mild steel (TMT Bar of Fe 415 ISI Approved)	MT	45000	0.97256	43,765.20
100	Brick work with 1st class bricks in cement mortar (6:1)				
a	In Foundation & Plinth	M ³	3050	60.53	184,616.50
	Finishing works				
101	Plaster (to wall floor ceiling etc) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating nosing and drip course where necessary (ground floor)ii) With 6:1 cement mortar				
a.	20 mm Plaster	M ²	84	84	7,056.00
b	10mm Plaster	M ³	72	140	10,080.00
102	Neat cement finish on plaster surface	M ²	22	228	5,016.00
	Sub Total head I (Retting Tank/Demo Platform				354,039