

**EMPLOYEE'S STATE INSURANCE CORPORATION
II & III FLOOR, UDHYOG BHAWAN, JAIPUR**



Name of Work:- Annual Repair and Maintenance work of ESIC Regional office with Staff Qtrs. Jaipur and its Branch offices and staff Qtrs, in Rajasthan State. For the period of 2011-12.
(01.08.11 to 31.03.12).

FINANCIAL- BID

'PART'-B

Estimated cost-Rs. 10.31 Lacs.

**REGIONAL DIRECTOR
EMPLOYEE'S STATE INSURANCE CORPORATION,
JAIPUR, RAJ.**

ame of Work: - Annual Repair and Maintenance work of ESIC Regional Office Staff Qtrs., Jaipur and its Branch offices. And Staff Qtrs. in Rajasthan State. For the period of 2011-12 (01-08-2011 to 31-03-2012).

FINANCIAL - BID

stimated cost- Rs. 10.31 lacs.

Earnest Money - Rs. 20620/-

Sl. No.	Item	Amount
1.	Labour Charges (Supply and services of works)	
2.	Civil Works	
3.	Water supply & Sanitary	
4.	Electrical Works	
Grand Total		

O/T E: -

-) Payment shall be made for actual quantities executed by the contractor.
-) The work shall be carried out as per the enclosed BOQ as per programme.
-) The employer may at his sole discretion extend the time for completion on submission of fully justification by the Contractor.
-) If the Contractor fails to complete the work in time, liquidated Damages @ 1.25% of the total value of work under measurable items of work above shall be recovered subject to a maximum of 5% of the above total value.
-) The rate for Extra items if any shall be paid as per DSR/BSR/Market rates inforce.

SIGNATURE OF CONTRACTOR

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**FINANCIAL - BID
20011-2012**

Name of Work: ARM Work Of ESIC Regional Office Staff Qtrs. Jaipur and its Branch Offices with Staff Qtrs. in Rajasthan State. (peried from 01.07.11 to 31.03.11)

A. Supply and Services of Workers. (Regular)

Sl. No.	Description of Items	Unit	Rate to be quoted	Amount (R.S.)
1.	Maintaining an Office in space provided by ESIC and attending to Repair and Maintenance work with the above maintenance staff with all <u>required helpers, tools and plant in attendance six Days in the week from 9 AM to 5 PM in case of Electrition and Sewer man cum Multipurpose Helper and round the clock for Pump Operator.</u>	One Months		
Total Rs.				
B. Supply and Services of Workers. (On call)				
1.	Mason (with working tools)	Per day		
2.	Carpenter (with working tools)	Per day		
3	Plumber (with working tools)	Per day		
4	Welder (with working tools & welding Mach.)	Per day		
5	Beldar/Helper (Multipurpose)	Per day		
Total Rs.				

- Note: -** (1) The Contractor shall maintain an inventory and use common miscellaneous sundry materials (lead, hemp etc) which are required for the work the cost of which is included in the above item.
- (2) In case of absence of any of the above maintained workers without providing suitable replacement, an amount of Rs. 300 per day shall be recovered as liquidated damages per person per day of absence.

SIGNATURE OF CONTRACTOR

FINANCIAL BID
PART - B

Name of Works: Annual Repair and Maintenance work of ESIC, Regional Office with Staff Qtrs., Jaipur and its Branch Offices and Staff Qtrs. In Rajasthan State for The period of 2011-12 (01.08.2011 to 31.03.2012).

(a) CIVIL WORK

S.No.	Item of Work	Unit	QTY	Rate to be quoted	Amount
1	2	3	4	5	6
1.	White washing with lime to give an even shade. Old work (two or more coats)	sqm	2400		
2.	Painting with synthetic enamel paint of approved brand and manufacture of requi red colour to give an even shad e. One or more coa ts on old work	sqm	2000		
3.	Finishing walls with water proofing cement paint of required shade. Old work (one or more coats applied @ 2.20 Kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat.	sqm	3000		
4.	Removing dry or O.B.D., water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	1500		
5.	Repairs to plaster of thi ckness 12mm to 20mm in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking ou t joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead. With cement mortar 1:4 (1 cement :4 Coarse sand)	sqm	200		

6.	Renewing glass panes, with putty and nails wherever necessary. Float glass panes of thickness 4mm	sqm	50		
7.	Renewing glass panes, with wooden fillets wherever necessary. Float glass panes of thickness 4mm	sqm	05		
8.	Renewing bottom rail and/or top rubber of collapsible gate including making good all damages and applying priming coat of zinc chromate yellow primer of approved brand and manufacturer.	Kg.	20		
9.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade. Old work (one or more coats)	sqm	6000		
10.	Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with black anticorrosive bitumastic paint of approved brand and manufacture on old work. 75 mm diameter pipes	metre	250		
11.	Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work. 100 mm diameter pipes	metre	250		
12.	French spirit polishing one or more coats on old work	sqm	50		
13.	Finishing walls with Acrylic Smooth exterior paint of required shade, Old work (Two or more coat applied @ 1.67 ltr/10 sqm) on existing cement paint surface.	sqm	100		

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14.	Repair of existing steel glazed doors, windows and Ventilator, I.S sheet door, garage doors, compound wall gates etc. by welding drilling complete including. Cost of welding rods and hire charge of welding machine and TP etc complete.	sqm	30		
15.	Grinding existing floor with 120 and 360 No. Carborundum stone including cost of wax polishing complete.	sqm	750		
16.	P&F I.S.I. marked flush door shutters confirming to I.S. 2202 (part I) non decorative type, core of black board construction with frame of Ist class hard wood and well matched commercial 3 ply venturing with vertical grains or cross bands face venues on both faces. 35mm including I.S.I. marked stain lines still butt hinges well necessary screws.	sqm	20		
17.	Providing and fixing t-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded with 15x3mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as require including fixing of necessary butt hinges and scews and applying a priming coat of approved steel primer.	Kg	30		
	P/F steel glazed suction windows. Windows side				

19.	Supplying and fixing fixed wire gauge of 14 meshx 24 gauge to the metal frame of rolled section by metal beading 20x3mm with suitable screw at not exceeding 150mm distance.	Sq m	5		
20.	R.R. stone masonry for supper structure wall upto 30 cm in cm 1:6	cum	5		
21.	Providing and fixing square bars or other flat welded to window, ventilators etc.	Kg	50		
22.	Half brick masonry I superstructure above plink level up to flow 5 level. Using bricks of designation 75. In c.m.1:6	sqm	15		
23.	Carriage of building rubbish stone metal (grite Blastt etc.)	Cu m	50		
Total Rs.					

(b) PROVIDING OF MATERIAL(CIVIL WORK)

S.N.	Item of Work	Unit	QTY	Rate to be quoted	Amount
1	2	3	4	5	6
1.	Supply of stone Aggregate (Single size) 20mm nominal size as per specifications.	cum	3		
2.	Supply of Bajri duly stacked at sight.	cum	5		
3.	Supply of PORTLAND CEMENT	Bag	20		
4.	Supply of Bright finished steel peg stay 300mm long as par approved sample.	Each	50		
5.	Supply of brass handle for steel section window as -par sample.	Pair	10		
6.	Providing F.P.S. bricks class designation 75	Each	50		
7.	Providing galvanized mesh of	Each	1000		

8.	Providing oxidized mild steel sliding door bolt 250x16mm as per approved sample.	Each	10		
9.	Providing oxidized mild steel tower bolt (barrel type) 200x10mm as per approved sample.	Each	20		
10.	Providing oxidized mild steel tower door bolt 100x10mm (barrel type) as per approved sample.	Each	20		
Total Rs.					

(i) Part (a) Rs.
(ii) Part (b) Rs.
(a+b) Grant Total Rs.

SIGNATURE OF CONTRACTOR

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FINANCIAL BID
PART - B

(A) Sanitary & Water Supply

S.NO.	Item of Work	Unit	QTY	Rate to be quoted	Amount
1	2	3	4	5	6
1.	Supply of wa ter proofing material as per approved sample.	Kg	15		
2.	Supply of brass bib-cock 15mm dia ISI Marked as per approved sample. 400 grams	Each	20		
3.	Supply of brass Stop-cock 15mm dia ISI Marked as per approved sample. 400 grams	Each	5		
4.	Supply of Mirror of superior make gall 60x45cm as per approved sample.	Each	5		
5.	Supply of Flush pipe with union spreader and clamps all in C.P. brass for single stall urinal	Each	2		
6.	Supply of G.I. pipe 15mm dia 'B' class ISI Marked	Metre	35		
7.	Supply of G.I. pipe 25mm dia 'B' class ISI Marked	Metre	15		
8.	Supply of S.C.I. Soil, waste and vent single socketed pipe 75mm dia approved sample.	Metre	5		
9.	Supply of S.C.I. Soil, waste and vent single socketed pipe metre 100mm dia approved sample.	Metre	5		
10.	Supply of G.I. union 15mm nominal bore as per approved sample.	Each	10		
11.	Supply of G.I. union 25mm nominal bore as per approved sample.	Each	5		

12.	Supply of Polyethylene water storage tank with cover and suitable locking arrangement as per approved sample.	Per litre	900		
13.	Supply of white plastic seat (solid) with lid C.P. brass hinges and rubber buffers. ISI marked.	Each	2		
14.	Supply of Shower rose C.P. brass for 15 to 20 mm inlet 150mm dia as per approved sample.	Each	7		
15.	Supply of Brass full way valve with C. I. wheel (screwed end) 25mm dia ISI marked.	Each	5		
16.	Supply of Vitreous china Indian type w.c. pan size 580mm	Each	5		
17.	Supply of White vitreous china dual purpose closet (Anglo Indian W.C.) suitable for use as squatting pan or European type water closet as per manufacturer's specifications.	Each	2		
18.	Supply of Vitreous china foot rests 250x125x25mm approved quality.	Pair	5		
19.	Supply of C.P. brass Babcock 15mm approved quality.	Each	5		
20.	Supply of C.P. brass long body bibcock 15mm approved quality	Each	5		
21.	Supply of 15mm PIMT bibcock approved quality	Each	15		
22.	Supply of 15mm PIMT bibcock long body approved quality	Each	2		
23.	Supply of PTMT pillar cock approved quality.	Each	12		
24.	Supply of waste coupling 31/32mm	Each	15		

25	Supply of waste coupling 38/40mm	Each	10		
26.	Supply of ball cock 15mm complete with Epoxy Coated Aluminium Road & H.D. Ball as per approved sample.	Each	60		
27.	Supply of Towel Rail (450mm) as per approved sample.	Each	5		
28.	Supply of Towel Rail (600mm) as per approved sample.	Each	5		
29.	Providing internal fitting to brass and C.P. fitting of taps	Each	30		
30.	Supply of vitreous china wash hand basin of approved make size 550x400 mm	Each	10		
31.	Supply of Flexible (coil shaped) PVC waste pipe for sink and wash basin 40mm dia with length not less then 70mm including PVC waste fittings.	Each	50		
32.	Flushing cistern PVC 10 lts capacity (Low level) (white) with fittings, accessories and flush pipe ISI marked as per approved sample.	Each	5		
33.	Supply of jumper with washer, not for bib/stop cock.	Each.	50		

34.	Supply of G.I. fitting as under:-				
(i)	G.I. cocket ½ size.	Each	20		
(ii)	G.I. albow ½"size.	Each	20		
(iii)	G.I Nipple ½"size.	Each	10		
(iv)	G.I. Nipple ½"size.	Each	10		
(v)	G.I. Nipple ½"size.4"	Each	10		
(vi)	G.I.Nipple ½"size.6"	Each	10		
(vii)	G.I. Nipple ½"size.9"	Each	10		
(viii)	G.I.Nipple ½"size.10"	Each	10		
(ix)	G.I. Nipple ½"size.12"	Each	5		
35.	Supply of G.I. fitting as under:-				
(i)	G.I. socket 1" size.	Each	10		
(ii)	G.I. Albow 1" size.	Each	10		
(iii)	G.I. Nipple 1" size-2"	Each	10		
(iv)	G.I. Nipple 1" Size-3"	Each	10		
(v)	G.I. Nipple 1" Size-4"	Each	10		
(vi)	G.I. Nipple 1" Size-6"	Each	10		
(vii)	G.I. Nipple 1" Size-9"	Each	10		
(viii)	G.I. Nipple 1" Size-1"	Each	5		
(ix)	G.I. -1" "T"	Each	5		
36.	Supply of "M" seal	kg	5		
Total Rs.					

SIGNATURE CONTRACTOR

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FINANCIAL BID PART - B
PART -'D' (ELECTRICAL WORK)

Part "a"(Electrical)

S. No	Description	Unit	Qty.	Rate to be	Amount	
1.	2.	3.	4.	5.	6.	7.
1	PVC INSULATED COPPER CONDUCTOR					
(i)	Providing 1.5 Sqm ISI marked FR-PVC-INSULATED, Single core copper conductor cable	Mtrs	560			
(ii)	Providing 2.5 Sqm --do--	--do--	280			
(iii)	Providing 4.0 Sqm --do--	--do--	560			
(iv)	Providing 6.0 Sqm --do--	--do--	560			
(v)	Providing 16.0 Sq --do--	--do--	140			
(vi)	Providing 16/0.20 mm twin twisted, flexible, FR PVC sheathed, Copper Cable	--do--	210			
2	COND UIT					
(i)	Providing 20 mm dia, ISI Marked steel conduit	Mtrs	30			
(ii)	Providing 25 mm dia, ISI Marked steel conduit	-do-	30			
(iii)	Providing 20 mm Inspection/solid steel bends	Each	70			
(iv)	Providing 25 mm Inspection/solid steel bends	Each	70			
(v)	Providing 20 mm Sockets (steel) bends	Each	70			
(vi)	Providing 25 mm Sockets (steel) bends	Each	70			

(vii)	Providing 20 mm Junction Box(Steel) one/two way	Each	20		
(viii)	Providing 20 mm Iron Staples/Saddle/Screws.	Each	300		
(ix)	Providing 25 mm Iron Staples/Saddle/Screws.	Each	150		
(x)	Providing 20 mm dia, ISI Marked PVC conduit	Rmt	40		
(xi)	Providing 25 mm dia, ISI Marked PVC conduit	Each	40		
(xii)	Providing 20 mm PVC Bends ISI Marked	Each	150		
(xiii)	Providing 25 mm PVC Bends ISI Marked	Each	150		
(xiv)	Providing 20 mm PVC couplers	Each	140		
(xv)	Providing 25 mm PVC couplers	Each	140		
(xvi)	Providing 20 mm Junction Box(PVCI) one/two way	Each	30		
(xvii)	Providing 20 mm mild steel clamps	Each	140		
(xviii)	Providing 25 mm mild steel clamps	Each	70		
(xix)	Providing 75 mm x 75 mm x 50 mm PVC Box	Each	30		
(xx)	Providing 150 mm x 75 mm x 60 mm deep metal box	Each	15		

ELECTRICAL FITTINGS AND ACCESSORIES

(i)	Providing Ceiling rose, 3 plate, 5 amps Bakelite	Each	30		
(ii)	Providing Modular bell push, ISI Marked	Each	5		
(iii)	Providing stalled typ modular Fan-regulator ISI Marked	Each	8		

(iv)	Providing S.P. 5/6 Amps, One way switch, piano type ISI Marked	Each	200		
(v)	Providing S.P. 5/6 Amps, Two way switch, piano type ISI Marked	Each	15		
(vi)	Providing S.P. 15/16 Amps, One way switch, piano type ISI Marked	Each	140		
(vii)	Providing 3 pin. 5/6 Amps, Socket outlet, piano type ISI Marked	Each	140		
(viii)	Providing 3 pin. 15/16 Amps, Socket outlet, piano type ISI Marked	Each	90		
(ix)	Providing Brass batten/angle holder	Each	35		
(x)	Providing resistance type ceiling fan regulator	Each	50		
(xi)	Providing call bell push, piano type	Each	10		

MCB,S, MCB DB,S, RCCB,S'

(i)	Providing 6 Amps to 32 Amps rating, SP MCB, "C" series, 10 KA breaking Capacity of Havel's or 'L' & '7 make.	Each	40		
(ii)	Providing 63 Amps, 2 pole isolator of hovel's or L & T make.	Each	25		
(iii)	Providing 40 Amps, 4 pole isolator of hovel's or L & T make.	Each	7		
(iv)	Providing 63 Amps, 4 pole isolator of hovel's or L & T make.	Each	14		
(v)	Providing 100 Amps, 4 pole isolator of hovel's or L & T make.	Each	3		
(vi)	Providing 20 Amps TPN, Industrial type Socket outlet, with plug top and metal	Each	10		

5 MCB - DB'S'

(')	Providing 2 way, SPN, single door, MCB DB	Each	14		
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(ii)	Providing 4 way, SPN, double door, MCB DB	Each	3		
(iii)	Providing 4 way (4+12), TPN, MCB DB, Double door, horizontal type.	Each	3		
(iv)	Providing 12 way , TPN, MCB DB, Double door, vertical type. (8+36)	Each	2		
(v)	Providing 12 way , TPN, Vertical type, single door DB with 100 Amps, 10 KA, MCCB.	Each	2		
(a) Total Rs.					

SIGNATURE OF CONTRACTOR

Part "b"

S.No.	Description	Unit	Rate to be quoted	Amount		
1.	2.	3.	4.	5.	6.	7.

1 COPPER WIRING IN PVC CONDUIT

(i) Point wiring in PVC conduit, with piano type switch. (Providing)
 Wiring for light point/Fan point/Exhaust Fan point/Call bell point with 1.5. Sqmm. PR PVC insulated copper conductor single core cable in surface/recessed PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. Box & earthing the point with 1.5 Sqmm. FR PVC insulated. Copper conductor single core cable etc. as required.

(a) Group 'A'

Point 8

(b) Group 'B'

Point 8

(c) Group 'C'

Point 8

(ii) Power plug wiring in PVC conduit (2x4 Sqmm) (Providing)
 Wiring for light/power plug with 2x4 Sqmm. FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit along with 1 No. 4 Sqmm FR PVC insulated copper conductor single core cable for loop earthing as required.

Metre 20

Supply of metal box of 150 mmx75mmx 60mm deep (nominal size) on surface or as recess with suitable size of phenolic laminated sheet cover in front including providing & fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc, as required.

Each 2

Supply of metal box of 180mmx100mmx 60mm deep (nominal size) on surface or as recess with suitable size of phenolic laminated sheet cover in front including providing & fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type

Each 2

2	EARTHING				
	(i)	G.I. EARTH PLATE- ELECTRODE Earthing with G.I. earth plate 600 mmx600mmx6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coko & salt) as required.	Set	2	
	(ii)	Salt/charcoal for plate earth electrode Extra for using salt & charcoal for G.I. or copper plate earth electrode as required.	Set	2	
3.		Supplying 6 SWG, G.I. wire in ground supplying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode including soldering etc. as required.	Metre	30	
4.		Rewinding of ceiling fan motor (Starting & running winding) including all necessary material. The motor is to be wound taking no of coils, turns and pitch as it was originally wound with required size super enameled wire with 'E' class insulation material & making connections etc. as required. (New-Model-ceiling fan)			
	(i)	900/1200 mm sweep (New Model)	Each	10	
	(ii)	All size (Old Model ceiling fan)	Each	5	
5.		Labour charges for removing and re-fixing of ceiling fan/Exhaust fan from site.	Each	20	
6.		Charges for oiling, greasing, over hauling of ceiling fan, table fan, pedestal fan irrespective to the size of fan including removing of fan from site & testing etc. as required.	Each	50	
7.		Providing and replacement of ball bearing of ceiling/exhaust fan as required (NBC/SKF)	Each	14	
8.		Providing and replacement of coves/bearing seat of ceiling/exhaust fan.	Each	6	
9.		Providing and replacement of M.S. shaft of ceiling fan.	Each	3	
10.		Providing Aluminum Blades (a set of 3 blades) duly painted/ power coated 1400/1500 mm.	Each	2	
11.		Providing of rubber grommet (Fan-Insulator)	Each	60	
12.		Providing of gun metal bush of ceiling/exhaust fan as required.	Each	10	
		Providing of gun metal bush of ceiling/exhaust fan motor	Each	2	

14.	Providing of Capacitor of 230 V/275 V, USHA/PUNSUMI/PRIYA/CAPITAUJEC/AM CAP/ CONCAP MAKE of following capacity:-				
	(i) (Running capacitor) 2.5/3.15 Micro Farad	Each	20		
	(ii) 4.00 Micro Farad	Each	15		
15.	Providing Synthetic phenolic resin bounded laminates confirming to IS:2046 of group 2 Bakelite sheet of 6.4 mm thick	Sqm	1		
16.	Providing in position frame made out of M.S. angle iron of (50 mmx50mmx6mm) size riveted/ welded finished with two coats of red oxide & enamel paint. (riveted on welded)	Mtrs	5		
17.	Providing strip type fluorescent tube fitting fabricated from (CRCA sheet & finished with power coating/Stove enameled paint/complete with accessories like OCCB, Starter, Starterseat, EB, roter holder terminal block duly prewired with copper conductor including making connection testing etc as required (with out tube rod) of 1x36/40 watts with OCCB (Group-AI) "phi tips make.	Each	10		
18.	Providing IP-43, protected street light luminaries on existing bracket suitable for FTL, made out from CRCA sheet steel finished with stove enameled paint, having deep drawn aluminum alloy canopy reflector cum control gear tray, clear ribbed acrylic diffuser held with synthetic gasket with all necessary accessories copper wound ballast, capacitor, starter, holder prewired with PVC insulated copper conductor including making connection testing etc. as required (without tube) of (1x36/40 watts) of Philips make/Baja] make.	Each	4		
19.	Providing Fluorescent "TUBE-ROD" of 36/40 watts. Philips or equivalent make in existing fixture as required.	Each	8		
20.	Providing polyester copper ballast 18/36 watts suitable for FTL (Group 1)	Each	20		
21.	Providing starter for existing fluorescent lamp fixture as required FSU (Gr.2)	Each	70		

23.		Providing halogen rod of 500 watts (Philips) (Gr.1)	Each	10		
24.		Providing sodium lamp of 250 watts Tubular lamp (Philips) (Gr.1)	Each	4		
25.		Providing copper ballast suitable for sodium vapour lamp 250 watts (Philips)	Each	4		
26.		Providing Electronic igniter suitable for sodium lamp 250 watts (Philips)	Each	6		
27.		Providing 415 V porcelain kit Kat fuse of				
	W	32 Amp. Rating (Havells) 415 (Gr.1)	Each	30		
	(ii)	63 Amp. Rating (Havells) 415 (Gr.1)	Each	30		
	(iii)	100 Amp. Rating (Havells) 415 (Gr.1)	Each	3		
28.		Providing & Fixing "BUS-BAR" chamber made out of aluminum or wrought aluminum alloy suitable for 200 Amp. Capacity housed in sheet metal box made out from 1.2 mm M S sheet front openable of 450 mm long 4 strips etc. complete.	Each	2		

29		Supplying and fixing of C.T. operated direct reading type ampere-metre on existing panel making connection by pvc insulated copper conductor with pvc sleeve channel etc. as required, below 500 amp complete.	Each	1		
30		Providing and fixing three pin-top 16amp including connection etc as required ISI make. As appeared.	Each	10		
31		Providing/fixing recessed/surface mounting heavy duty horizontal type sheet enclosure steel distribution board phpsid painted complete 100Amp copper bus-bar, shorting link neutral link earth link and dinbar can Is-13032 & IS 8623 ic making internal DB termination with copper lugs testing etc as required, 6way (Group-03) etc complete havells-make.	Each	2		
32		P/laying ISI marked PVC insulate submersible cable conforming to IS:694 with flexible copper conductor including making connection etc as required of 4.00 sqmm, 3 core flat ISI make as approved.	Each	50		
33		Earthing as per IS:3043 with copper earth plate of size (600x600x3) mm by embodying 3 to 4 mtrs below the ground level with 20 mm dia, G.I.B. class watering pipe including all accessories like nut-bolts reducer, nipple with meshed funnel and c.c. finished chamber covered with hinged type with locking arrangement complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required. Providing and fixing three core cable sheathed pvc of size of ISI of approved make.	Each	1		

35	Providing and Fixing C.F.L. in (2 pin) existing holder/fixture as required of 18 watts.	Each	10		
36	Providing and Fixing electric bulb up to 100 w in existing holder/fixture as required.	Each	10		
37	Provision of oiling only in the fixed ceiling fan without overhauling greasing and opening.	Each	50		
(b) Total Rs.					

(i) Part (b) (a+b) Grand Total Say

Rs.
Rs.
Rs.

SIGNATURE OF CONTRACTOR

Definitions and Interpretation

1. **Definitions**

- (a) In the Contract (as hereinafter defined) the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires:
- i) "Employer" means the ESIC and the legal successors in title to ESIC.
 - ii) "Engineer" means the person appointed by ESIC to act as Engineer for the purposes of the Contract.
 - iii) "Contractor" means an individual or firms (proprietary or partnership) whether incorporated or not, that has entered into contract (with the employer) and shall include his/its heirs, legal representatives, successors and assigns. Changes in the constitution of the firm, if any shall be immediately notified to the employer, in writing and approval obtained for continued performance of the contract.
- (b)
- i) "Contract" means these conditions, the Specification, the Bill of Quantities, the Tender, the Letter of acceptance, the Contract Agreement (if completed) and such further documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement (if completed).
 - ii) "Specification" means the specification of the Works included in the Contract and any modification thereof.
 - iii) "Drawings" means all the completion drawings, calculations and technical information of a like nature provided by the Engineer to be Contractor under the Contract and all drawings, calculations, samples, patterns, models, Repair and Repair and Maintenance manuals and other technical information of a like nature submitted by the Contractor and approved by the Engineer.
 - iv) "Bill of Quantities" means the priced and completed bill of quantities forming part of the Tender.

- v) "Tender" means the Contractor's priced offer to the Employer for the execution and completion of the Works and the remedying of any defects therein in accordance with the provisions of the Contract, as accepted by the Letter of Acceptance. The word Tender is synonymous with "Bid" and the words "Tender Documents" with "Bidding Documents".
 - vi) "Letter of Acceptance" means the formal acceptance of the tender by ESIC.
 - vii) "Contract Agreement" means the contract agreement (if any) referred to in Sub-Clause 9.1.
 - viii) "Appendix to Tender" means the appendix comprised in the form of Tender annexed to these Conditions.
- (c)
- i) "Commencement Date" means the date upon which the Contractor receives the notice to commence the works.
 - ii) "Time for Completion" means the time period for which the contract of Repair and Repair and Maintenance has been awarded by the employer to the contractor.
- (d) "Taking Over Certificate" means a certificate issued by employer evidencing successful completion of the awarded work.
- (e)
- i) "Contract Price" means the sum stated in the Letter of Acceptance as payable to the Contractor for the execution and completion of the Works and the remedying of any defects therein in accordance with the provisions of the Contract.
 - ii) "Retention Money" means the aggregate of all monies retained by the Employer.
- (f)
- i) "Works" means the Permanent Works and the Temporary Works or either of them to be executed in accordance with the contract.
 - ii) "Site" means the places provided by the Employer for Repair and Maintenance of

- iii) "Cost" means all expenditure properly incurred or to be incurred, whether on or off the Site, including over head and other charges but does not include any allowance for profit.

ENGINEER

2. **Engineer's Duties and Authority**

- (a) The Engineer shall carry out the duties specified in the Contract.

5. **Custody and Supply of Drawings and Documents**

The Drawings shall remain in the sole custody of the Employer/Engineer, but copies as required thereof shall be provided to the Contractor free solely for the purpose of this contract.

11. **Sufficiency of Tender**

The Contractor shall be deemed to have based his Tender on the data made available by the Employer and on his own inspection and examination of this site conditions.

12. **Contractor's Employees**

The Contractor shall provide on the Site qualified and experienced technical staff in connection with the Repair and Maintenance of the Works and the remedying of any defects therein. The minimum staff shall be as per description of work mentioned in BOQ.

13. **Engineer at Liberty to Object**

The Engineer shall be at liberty to object to and require the Contractor to remove forthwith from the Works any person provided by the Contractor who, in the opinion of the Engineer, misconducts himself, or is incompetent or negligent in

the proper performance of his duties, or whose presence on Site is otherwise considered by the Engineer to be undesirable, and such person shall not be again allowed upon the Works without the consent of the Engineer. Any person so removed from the Works shall be replaced as soon as possible.

14. Safety, Security and Protection of the Environment

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- i) Have full regard for the safety of all persons entitled to be upon the Site and keep the Site (so far as the same is under his control) and the Works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons, and
- ii) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the Engineer or by any duly constituted authority for the protection of the Works or for the safety and convenience of the public or others, and
- iii) Take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods or Repair.

15 (a) Insurance of work by the Contractor for his liability:

- (i) During the Repair and Maintenance period for loss or damage to property and life arising from a cause for which contractor is responsible.
- (ii) For loss or damage occasioned by the Contractor in the Course of any Repairs carried out by him for the purpose of complying with his obligations.

It shall be the responsibility of contractor to notify the Insurance Company of any

change in the nature and extent of the works and to ensure the adequacy of the Insurance cover at all times during the period of contract.

15.2 Damage to Persons and Property

The Contractor shall, except if and so far as the Contract provides otherwise, indemnify the Employer against all losses and claims in respect of :

- (a) death of or injury to any person, or
- (b) loss or damage to any property (other than the Works):

Which may arise out of or in consequence of the Repair and Maintenance of the works and the remedying of any defects therein, and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof.

16. Accident or injury to Workmen

The Employer shall not be liable for or in respect of any damages or compensation payable to any workman for death or injury resulting from any act or default of the contractor. The Contractor shall indemnify and keep indemnified the Employer against all such damages and compensation and expenses whatsoever in respect thereof or in relation thereto.

16.1 Evidence and Terms of Insurance

The Contractor shall take out appropriate insurance to cover his work and workers and staff employed by him fully. The contractor shall provide evidence to the Engineer/Employer as soon as practicable after the respective insurance have been taken out but in any case prior to the start of work at the Site that insurance required under the Contract have been effected.

16.2 Compliance with Statutes, Regulations

The Contractor shall conform in all respects, including by the giving of all notices and the paying of all fees, with the provision of:

- (a) Any National or State Statute, Ordinance, or other Law, or any regulation, or bye-law of any local or other duly constituted authority in relation to the execution and completion of the Works and the remedying of any defects therein, and
- (b) The rules and regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the Works, and the Contractor shall keep the Employer indemnified against all penalties and liability of every kind for breach of any such provision.
- (c) Any changes required for approval due to revision of the local laws.

17. Default of contractor in Compliance

In case of default on the Contractor in carrying out such instruction within the time specified therein or, if none, within a reasonable time, the Employer shall be entitled to employ and pay other persons to carry out the same and all costs consequent thereon or incidental thereto shall, be determined by the Engineer and shall be recoverable from the Contractor by the Employer, and may be deducted by the Employer from any monies due or to become due to the Contractor and the Engineer shall notify the Contractor accordingly.

18. Time for Completion

The Repair and Maintenance work shall be for a period of one year or as mentioned in the letter of commencement and shall start from the date issue of letter commencement and shall stands terminated after the expiry of one year.

19. Extension of Time for Completion

The Repair and Maintenance contract may be extended on the written mutual

consent of both Employer and Contractor for a further period of one year. However, employer reserves its right to terminate the Repair and Maintenance contract by giving 15 days notice at any time during the currency of the contract if the services of the agency are not satisfactory as per the opinion of employer or its representative.

1. **Defect Identification and its rectifications**

Agency shall immediately attend the defects and complaints noticed at site. The agency shall provide and develop a system for regular Repair and Maintenance of all the services which includes defects identifications and its immediate rectification so, that services are not effected. It shall be the sole responsibility of the Repair and Maintenance agency that all the services are kept in functional condition round the clock during the currency of the contract.

Defect Liability period shall be 12 months from the date of completion of work under BOQ measurable works. The contractor shall rectify at his own expenses any defect in the work carried out by him during this period. On failure of the contractor to do so, the same shall be completed by the employer at the risk and cost of the contractor

Penalty for Delay

If the Contractor fails to attend any complaint or defect in due course of time and if in the opinion of engineer delay is on the part of Repair and Maintenance agency, the employer can impose liquidated damages on the contractor as detailed in the particular conditions.

Contractor's Failure to Carry out Instructions

In case of default on the part of the Contractor in carrying out defect rectification works, the Employer/Engineer shall be entitled to employ and pay other persons to carry out the same and if such work, in the opinion of the Engineer, the Contractor was liable to do at his own cost under the Contract, then all costs

consequent thereon or incidental thereto shall be determined by the Engineer and shall be recoverable from the Contractor by the Employer, and may be deducted by the Employer from any monies due or to become due to the Contractor.

24. Instructions for Variations

Quantities given in the BOQ are estimated quantities. The quantity of any particular item may vary to any extent. Variation in quantity in particular items or overall cost, does not entitle contractor to claim any extra cost.

MEASUREMENT

25. Works to be Measured

The Engineer shall determine by measurement of the value of actual work done in accordance with the Contract and the Contractor shall be paid proportionately. Part rate shall be made for any part of BOQ items not fully executed. Engineer shall be at liberty to decide the break up of Lum Sum items and to decide the part rate for any particular item.

Incase overtime working of staff under item no. 1 is required, specific instructions of the engineer is to be obtained. Payment shall be made at applicable overtime rates

26. Method of Measurement

The works shall be measured net, notwithstanding any general or local custom, except where otherwise provided in the Contract.

CERTIFICATES AND PAYMENTS

27. Monthly Statements

The Contractor shall submit a bill in 3 copies to the Engineer by 7th day of each month for the work executed up-to the end of previous month in tabulated form approved by the Engineer, showing the amounts to which the Contractor

considers himself to be entitled. The bill must be supported with the following documents:-

- (a) Attendance sheets along-with salary certificates, wages sheets of all the workers and staffs deployed against item No. 'A'.
- (b) Certified bills miscellaneous materials purchased under different heads against item No. 'A'.
- (c) Details of defects/complaints attended and rectified within time.
- (d) Details of complaints attended late.

27.1 Deduction of Income Tax

The amount to be deducted towards the advance income tax shall be at the rate applicable.

27.2 Monthly Payments

After submission of monthly bill complete in all respects by the contractor, Engineer shall check the bill with the help of contractor and certify for payment within 15 days of the submission of bill.

27.4 Performance Guarantee

Within two weeks of award of work, the Contractor shall submit a Performance Security for proper performance of the Contract in the format enclosed as Annexure 'D'.

The performance guarantee shall be valid for the duration of the contract period plus 60 days.

The performance security can be encashed by the Employer to recover any amount which is payable by the Contractor to the Employer on any account for a cause arising out of the contract.

27.7 Correction of Certificates

The Engineer may by any Interim Payment Certificate make any correction or modification in any previous Interim payment Certificate which has been issued by him, and shall have authority, if any work is not being carried out to his satisfaction, to omit or reduce the value of such work in any Interim Payment Certificate

27.9 Final Certificate

Within 28 days after receipt of the Final Statement, and the written discharge, the Engineer shall issue to the employer (with a copy to the Contractor) a Final Certificate stating:

- (a) The amount which, in the opinion of the Engineer, is finally due under the Contract, and
- (b) After giving credit to the Employer for all amounts previously paid by the Employer and for all sums to which the Employer is entitled under the Contract.

28. Default of Contractor

If the performance of the contract and is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.

31.1 Amicable Settlement of Dispute

The party shall use their best efforts to settle amicably all disputes arising out of or in connection this contract or the interpretation thereof.

31.2 Arbitration

Any dispute and differences relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship of materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof in respect of which:-

Amicable settlement has not been reached.

shall be referred to the Sole Arbitration of the Chief Engineer, ESIC who shall proceed as per the Arbitration Act, 1996.

31.4 The work under the contract shall continue, during the Arbitration proceedings.

31.6 The award of the Arbitrator shall be final, conclusive and binding on both the parties.

33. Payment on Termination

In the event of termination of the contract, employer shall be at liberty to get balance work done at the risk and cost of the contractor and due payment of the contractor, if any, shall be released after the completion of whole of the works.

Particular Conditions of Contract

- CPWD specifications shall be followed. Where not available, BIS/ Engineering practice as directed by the Engineer shall be followed.
- Complaints shall be made in the format (Enclosure-I)
- A complaint register (format at Enclosure-II) shall be maintained in the Repair and Maintenance Office of the contractor in which all complaints received shall be documented.
- All Repair and Maintenance related complaints shall be attended to within two hour failing which a recovery of Rs. 100 per event per hour shall be made from the subsequent payment certificate of the contractor.
- The Sewerman shall ensure that all lines are maintained in a clean condition by carrying out preventive cleaning of all lines at least once each month.
- As the work will have to be carried out in building and area in use the contractor shall ensure:-
 1. That the normal functioning of ESIC activity is not effected as far as possible.
 2. That the work is carried out in an orderly manner without noise and obstruction to flow of traffic.
 3. That all rubbish etc. is disposed off at the earliest and the place is left clean and orderly at the end of a each days work.
 4. The Contractor shall ensure that his Repair and Maintenance staff is qualified and licenced for their part of work. He shall be responsible for their conduct. The staff should behave in a courteous manner. The contractor shall be held responsible for any loss or damage to ESIC property.
 5. The contractor shall ensure safety of his workers and others at site of work and shall be responsible for any consequence arising out of execution of the Repair and Maintenance work.
 6. When instructed to do so, the contractor shall ensure proper record keeping and storing of irreparable/dismantled material.
 7. Water and electricity shall be made available free of cost at near by source of work. The contractor has to make his own arrangement for use of the same including drawing temporarily lines etc. The responsibility for following relevant rules, regulations and loss in the record shall be entirely that of the contractor.

उप निदेशक

सहायक अभियन्ता (सिविल)

Enclosure-I

COMPLAINT REGISTRATION FORM

Date
Time
Nature of complaint

Complainant: _____
Signature : _____

Complaint attended.

Date

Time

From

To

Certified that the complaint has been satisfactorily attended.

Contractor

Complainant

Date

To be submitted along with running bills.

Enclosure-IIMAINTENANCE COMPLAINT REGISTER

S.No.	Date & Time	Complainant	Nature of complaint	Complaint attended Date & Time	Remarks	Signature of Contractor

FORM OF PERFORMANCE SECURITY BANK GUARANTEE BOND

In consideration of the ESIC having agreed under the terms and conditions of the Agreement No. ____ dated _____ made between ESIC and Second Party (hereinafter called the said Construction Agency _____ for the work _____ hereinafter called the said agreement) to production of irrevocable bank guarantee for Rs. _____ (Rupees _____ only) as a security/Guarantee from the Construction Agency for compliance of his obligations in accordance with the terms and conditions in the said agreement,

We _____ (hereinafter referred as to "the Bank" hereby)

(indicate the name of the bank)

Undertake to pay to the ESIC an amount not exceeding Rs. _____ (Rupees _____ only) on demand by the ESIC.

2. We _____ do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the ESIC stating that the amount claimed is required to meet the recoveries due or likely to be due from the Second Party. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees Only).

3. We, the said bank further undertake to pay to the ESIC any money that is demanded notwithstanding any dispute or disputes raised by the Second Party in any suit or proceeding pending before any court or Tribunal relating thereto, a liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of a liability for payment thereunder and the Second Party shall have no claim against us making such payment.

4. We _____ further agree that the guarantee herein contained shall remain in full force and effect during the period that would taken for the performance of the said agreement and that it shall continue to enforceable till all the dues of the ESIC under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or Engineer-in-Charge on behalf of the ESIC certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Second Party and accordingly discharges this guarantee.

5. We _____ (indicate the name of Bank) further agree with the ESIC that. The ESIC shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and

conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the ESIC against the said Second Party and to bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor or for any forbearance, act of omission on the part of the ESIC or any indulgence by the ESIC to the said contractors or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor.

7. We..... lastly undertake not to revoke this guarantee except with the previous consent of the ESIC in writing.

8. This guarantee shall be valid upto _____. Unless extended on demand by ESIC. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to RS. _____ (Rupees _____ only) and unless a claim in writing is lodged with us within six months of the date of expiry of the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the Day of For
..... (indicate the name of bank)