

**BHARAT HEAVY ELECTRICALS LIMITED
INSULATOR PLANT JAGDISHPUR**

BILL OF QUANTITY

S.No	Description of items	Unit	Quantity	Rate	Amount
1	Indoor spraying in the quarters, official building and public building for control of mosquitoes and general pest with chemical listed below by spraying machine in factory & township campus area as per schedule "F1" , "F2" . Frequency and months as per schedule "F4" S.no.1 Delta Methrine-2.5 SC with concentration of 10 ml per litre of water	Each	16		
2	Anti-larva operation at all stagnant water pools, ponds, nallahs and open areas which are identified as source for mosquitoes breeding in the inner township and upto 01 kilometre outside the township boundary wall. The operation will be carried out every week with chemical listed below as per schedule "F3". Frequency & months as per schedule "F4" S.no.2 "MLO" oil (under heavy mosquito larva condition).		10		
Total Amount Rs					

TERMS AND CONDITIONS:-

- 1 All T&P will be arranged by the contractor.
- 2 All the safety precaution will be taken by contractor at site.
- 3 The BHEL General condition of contract will be applicable as stipulated by BHEL.
- 4 Contractor will have to provide test report of the chemical which is to be used.
- 5 Satisfactory report of the residents on the register to be maintained by the contractor
- 6 Contractor has to maintain adequate manpower as well as proper equipment in servicable condition all the times


Sr.Engineer(Civil)

Sig of Contractor
with full Address

Area statement for mosquito control in township and factory area at BHEL IP Jagdishpur

I) Factory Area for Indoor Spraying Purpose=	5944 Sqm	(As per Schedule "F1")
II) Township Area for Indoor spraying Purpose=	16258.1 Sqm	(As per Schedule "F2")

SCHEDULE "F1"

List of building in factory area for Anti-mosquito Treatment for in-door Spraying.

S.No	Description of area	Qty(No.)	Area(In Sqm)
1	ADM Building	1	1300
2	E&D Building	1	630
3	Sub-Station	1	180
4	Pump House	1	40
5	PPC office	1	450
6	Ceralin office	1	50
7	Wex Store	1	200
8	Metal part	1	200
9	CISF Office	1	210
10	Material gate Office	1	64
11	Mfg Office	1	50
12	Finishing Office	1	50
13	TD Office	1	20
14	Glazing Office	1	20
15	MDC Office	1	20
16	Kiln Office	1	80
17	A&T Office	1	60
18	Quality Inspection office	1	60
19	FM I office	1	50
20	FM II Office	1	50
21	FM III Office	1	50
22	HVT Lab Office	1	180
23	Dispatch Office	1	30
24	Slip House office	1	50
25	Boiler office	1	50
26	CISF Barrack	1	1800
		Grand Total	5944

SCHEDULE "F2"

List of building in Township area for Anti-mosquito Treatment for in-door Spraying.

S.No	Description of area	Qty(No.)	Unit Area	Area(In Sqm)
1	A Type Quarter	170	27.5	4675
2	A ⁺ Type Quarter	52	38.82	2018.64
3	B Type Quarter	76	38.82	2950.32
4	C Type Quarter	36	58.2	2095.2
5	C ⁺ Type Quarter	4	88.6	354.4
6	D Type Quarter	3	100	300
7	Chief Executive Bunglow	1	500	500
8	WH Quarter	24	20.85	500.4
9	WWH Quarter	5	20.85	104.25
10	Civil Township office	1	100	100
11	Hospital	1	400	400
12	Community Centre	1	500	500
13	Shaadi Ghar	6	27.47	164.82
14	Co-operative shop	7	15	105
15	Union office	8	20	160
16	Barrack old	24	20	480
17	Barrack Security	1	40	40
18	Security Check Post	3	2.5	7.5
19	ET Hostel 1 room set	1	19	19
20	ET Hostel 2 room set	7	27.5	192.5
21	ET Hostel 3 room set	3	38.82	116.46
22	KV	1	300	300
23	ET Hostel 4 room set	3	58.2	174.6
Grand Total				16258.09

SCHEDULE "F3"

Anti-Larva Operation (Chamber, Nallah) of Township and Factory

S.No	Description	Length (mtr)
1	All Strom water drain in T/s	6500
2	All Strom water drain in factory	2000



SCHEDULE "F4" (Months & Frequency for S.Nos. 1 & 2 of price schedule)

S.No of price bid	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Nos
1	0	2	2	2	0	1	2	2	2	2	1	0	16
2	0	1	1	1	1	1	1	1	1	1	1	0	10

Note:- Above frequency chart is tentative which may vary as per the requirement of BHEL. Contractor shall make adequate deployment as per the direction of Engineer-In-Charge

