



**ESI-POST GRADUATE INSTITUTE OF MEDICAL SCIENCES & RESEARCH &
EMPLOYEE'S STATE INSURANCE CORPORATION HOSPITAL & ODC(EZ)**

(A Statutory Body Under Ministry of Labour, Govt. of India)
DIAMOND HARBOUR ROAD, P.O.: JOKA, KOLKATA-700 104

An ISO 9001:2008 Certified
Fax: 033 2467 2795, Phone: 033 2467 2799 / 6280 / 176

Memo No.412.W./17/13/ARM/08/ Part –(iii)

Date:- 15/06/11

Tender Notice No...../11

**Sub: Invitation to tender for repair and maintenance of Electrical works
And other related and instruction to tenderer for the year 2011-2012**
(w.e.f 01.08.2011 to 31.03.2012)

(Note :) The envelope containing the tender as well as subsequent communication should be addressed and delivered to the Medical Superintendent ESIC Hospital & ODC, (EZ), Diamond Harbour Road P,O: Joka Kolkata 700104, West Bengal . All communication must be addressed to the officer named above by the title only and not by name)

From: The Medical Superintendent,
ESIC Hospital & ODC (EZ),
Diamond Harbour Road,
P.O Joka, Kolkata-700104.

Sir,

The Medical superintendent invites sealed tender for Repair and maintenance work of Building and other related works as per specification and/ or quantities detailed in the schedule Attached , The Tender form containing the terms and Conditions of contract, which will govern in and contract made, is annexed as Annexure-1 and the Schedule of contract is annexed herewith. If you are in a position to quote for the contract in accordance with the requirement stated in the attached schedule, please submit your quotation to this office.

The tender documents may be obtained from office of the Medical superintendent in person by the bona fide applicant or his authorised representative by applying in their letter head at a cost of Rs.250.00 (Rupees two hundred fifty only up to Rs. 50 lacs of works and for works costing more than Rs.50 lacs the cost will be Rs.1000.00(Rupees one thousand only)

The “tender documents” can also be downloaded from the web site (www.esic.nic.in) and in such case the same may be signed and submitted as per the process mentioned along with the fee for the “tender documents “ @ Rs.250.00(Rupees two hundred fifty only) up to Rs. 50 lacs of works and for works costing more than Rs.50 lacks the cost will be Rs.1000.00(Rupees one thousand only).

All the payment will be made by **Demand Draft** drawn in favour of ESI Fund A/c No.1, payable at Kolkata, cheques will not be accepted.

Tenderers are requested that before quoting their rate or sending tender , the tender forms may please be read out thoroughly , otherwise purchaser will not be held responsible for any error/oversight of his own.

The form is a standard form of tender hence certain clause/ clauses may not be applicable in some case. So, Tenderers are requested to ignore such clauses which are not applicable in the instant cases.

The Tender form containing the terms and condition and the Schedule should be returned in original, in fact after filling up to tender form and signing in full , on each page, whether you are quoting for any item or not . If any item in the schedules is not being tendered the corresponding space against the item should be defaced by some such works as 'Not quoting '

In the event of the space on the schedule form being insufficient for the required purpose, additional pages may be added. Each such additional page must be numbered consecutively bear the Tender. Number and be fully signed by you. In such cases, reference to the additional pages must be made in the tender form.

If any modification of the schedule is considered necessary, you should communicate the same separate letter sent along with the tender.

Medical Superintendent, ESIC Hospital & ODC (EZ), Joka, does not pledge himself to accept the lowest or any tender and reserve to himself the right of accepting the whole or any part of the Tender or portion of the quantity offered and you shall supply the same /execute the work at the rate quoted by you.

Acceptance by the purchaser shall be communicated in due course, You are requested that the instruction contained in the said communication should be acted upon immediately /as asked for.

The Tenderer is Requested to follow the Check list at the time of submission of Tender Document without which the offer is liable to be cancelled

CHECK LIST		
1	Tender document fee by demand draft only	Submitted [Yes/No]
2	Earnest Money deposit by demand draft only	Submitted [Yes/No]
3	Original Tender document must be signed all pages	Submitted [Yes/No]
4	Work completion certificate of credentials shown.	Submitted [Yes/No]
6	VAT , PAN & I.T Clarence certificate	Submitted [Yes/No]
7	Valid Trade licence	Submitted [Yes/No]
8	Valid Electrical contractors Licence.	Submitted [Yes/No]
9	Valid Labour Licence.	Submitted [Yes/No]
10	ESI & PF, Registration. (as applicable)	Submitted [Yes/No]

All credential and certificate should be attested by a Gazetted officer or Notary

For supply of Blank Tender forms & related Documents at the Hospital of all working days	20.06.2011 to 18.07.2011 11.00 a.m to 3.00 p.m (Monday to Friday) 11.00 a.m to 12.30 p.m(Saturday)
Pre –bid meeting	27.06.11 at 2.00 P .M
Last Date of selling Tender From	18.07.11 up to 1.00 p.m
Last date and time of submission of completed tender form	19 .07.2011 up to 2.00 P.m
Date and time of opening of Tender	19.07.2011 at 2.30 p.m

Yours faithfully

Medical Superintendent



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NO.412.W.17/13/ARM/10-Part (iii)

Date:- 15/06/11

TENDER NOTICE (Re- Tendering)

Invitation of sealed Bids (Double bid) for Repair and Maintenance of Electrical and Others related works for 2011-12(w.e.f 01.08.2011 – 31.03.2012) 8 months described below:

ITEM	ESTIMATED COST
1. <u>24 hours non-stop day to day operation</u> works for D.G. Set of 250 KVA Capacity (each) x 2nos.	D.G Rs.4,80,000.00
2. <u>24 hours non-stop day to day operation</u> Works for A.C plant & machineries etc.	A.C Rs.4,80,000.00
3. <u>24 hours non-stop day to day operation</u> works for Lift Bed cum passenger lift (3 nos) & dumb waiter lift (1 no).	Lift Rs.6,00,000.00
4. <u>24 hours non-stop day to day operation</u> works for Pump Centrifugal Pumps (2nos) of 15HP capacity and Submersible pump (3nos) of 10/15 HP capacity with deep tube wells (3nos).	Pump. Rs.3,60,000.00
5. <u>Repair & maintenance(actual) and Preventive maintenance etc.</u> D.G. Set of 250 KVA Capacity (each) x 2nos & transformer 1000KVA x1 no's 500KVA Transformer & 1 no's 125 KVA D.G set including 2 no's capacitor Banker(Sub-Stn.)	D. G Rs10,00,000.00
6. <u>Repair & maintenance(actual) and Preventive maintenance etc.</u> Centrifugal Pumps (2nos) of 15HP capacity and Submersible pump (3nos) of 10/15 HP capacity with deep tube wells (3nos).	Pumps Rs.2,00,000.00
7. <u>Repair & maintenance(actual) and Preventive maintenance etc.</u> Centrally A.C plant (4 x 80 TR capacities each,(chiller type),of 2 ton type AC & 1.5 ton room – air conditioner 20/40 nos respectively	A.C Rs.5,00,000.00
8. <u>Repair & maintenance(actual) and Preventive maintenance etc.</u> Bed cum passenger lift (3 nos) & dumb waiter lift (1no)	Lift. Rs.4,00,000.00
9. <u>Annual Repair & maintenance works Electrical Installation work in the Hospital & Residential Quarter part</u>	Electrical Rs. 17,28,000.00

1) The Scope of service to be provided. The Agencies will be responsible for Annual Repair and Maintenance of following works as and when required r/o Repair and day to day Maintenance & Operational work of Generators, Pumps, Lifts, Air conditioning, Transformer etc.

2) The "tender documents" can also be downloaded from the web site (www.esic.nic.in) and the same may be signed and submitted as per the process mentioned here along with the fee for the "tender documents" @ Rs.250.00 (Rupees two hundred fifty only) up to Rs. 50 lacs of works

For works costing more than Rs.50 lacks the cost of tender will be Rs.1000.00(Rupees one thousand only).

All the payment may be made by **Demand Draft** drawn in favour of **ESI Fund A/c No.1**,ESIC Hospital & ODC (EZ),payable at Kolkata, cheques will not be accepted.

3. The Tenderers shall have to deposit Earnest Money @ 2% of the Estimated amount in the form of account payee Demand Draft to be drawn on any scheduled Bank in favour of ESI Fund A/c No 1 payable at Kolkata along with the bid. Cheques will not be accepted as earnest money.

Medical Superintendent has right to reject /accept any tender without assigning any reason.

Period for supply of Blank Tender forms & related Documents at the at the Hospital working days(Except Saturday , Sunday and holidays)	20.06.2011 to 18.07 2011
Pre-bid meeting	27.06.2011 at 2.00 P.M
Due Date & time Submission of completed Tender documents in the tenderer Box kept in the office of ESIC Hospital	19 .07.2011 to 2.00 P.M
Date of time of Opening of Tender	19.07.2011 at 2.30 p.m

MEDICAL SUPERINTENDENT

4. Opening of Tender

The Tender shall be opened by a committee of three members of this office in the presence of the Tenderers who chose to be present at 3.00PM on the same date. The finance bid of the tenderers who are found technically suitable will be opened after words. Two days notice will be given to bidders in such case who may attend the opening.

5. Acceptance of Tender

After acceptance of the tender, Award letter will be issued to the contractor to start the work and the contractor will start the work as per nomenclature of the items/specifications/condition is given in the tender after execution of Agreement.

6. Submission of Bill

The Contractor will submit running bills along with proper details/supporting documents and measurements. Similarly after completion of the work, the Contractor will submit the Final Bill within a month from the date of completion. Payment will be made within 15 days from the date of submission of the bill by the Contractor.

7. Delay in completion

If there is delay in completing the work as per time schedule given in the Agreement, the Contractor shall be liable to pay an amount of 1.25% of the total cost of the work for every week of delay or part thereof as liquidated damages to ESIC subject to maximum 5% of sanctioned cost of the work. For working out the 1.25% allowance, the odd number of days would be rounded to nearest week.

8. Performance Guarantee

Successful contractor will submit a Performance Guarantee @5% of the Contract amount within 10 days which will be valid up to beyond 60 days from the date of completion.

1. Contractor to whom the work is awarded will execute the work himself. He will not be allowed to sub-let the work to any other agency.

2. No escalation charges will be paid to the Contractor.

3. All workers of contractor to whom work will be awarded will have a proper uniform and name Plates.

4. The Contractor shall be responsible for ensuring compliance with the Labour Laws like ESI & EPF etc. if applicable and all other applicable laws that may be in force from time to time. All liabilities on account of non-observance of the same shall be met by the contractor.

Similarly the contractor shall be liable to ensure compliance with the provision of Minimum Wage Act(s) that may be in force from time to time. All liabilities on account of non-observance of the same shall be met by the contractor at their risk and cost.

5. Arbitration

In case of any dispute or difference arising out of the Agreement, the same shall be referred to the sole arbitration of the Chief Engineer, ESI Corporation, New Delhi and his decision shall be binding on both the parties.

6. Other terms and conditions furnished in the Annexure 1 (Instruction to the Tenderer) will be followed before submitting tender.

The Tenderer shall submit tender after going through the Instructions to the Tender enclosed with the Tender Documents. Enclosures:-

1. Instruction to the Tenderers- 3Pages(3to5)
2. Format-1, II &III -3 Pages (6to8)
3. Financial Bid (Part B) -2 Pages(9to10)
4. General Conditions of Contract-11Pages(11to21)
5. Particular Condition of Contract-3 pages(22to24)
6. Form of Performance Security Bank Guarantee Bond-2 pages (25to28)
7. Estimate of works (BOQ) to be Enclose

Medical superintendent

INSTRUCTIONS TO THE TENDERERS

1. Sealed offers under two envelope system in the prescribed forms are invited from eligible tenderers for providing Annual repair and Maintenance services listed under scope of services in this bid document.
2. The amount of Earnest money deposit (EMD) shall be @ 2 % of estimated amount of items quoted in the form of DD/Pay order, drawn in favour of ESIC Hospital & ODC Joka Kolkata.
3. Tender form shall be complete in all respect. Incomplete tenders or tenderers without E.M.D. shall be treated as invalid.
- 4 . Last date of purchase of tender is 18.07.11 up to 1.00 P.M.
5. Date and time of opening of tender is 19.07.11 2.30 P.M.
6. Each and every page of the tender documents should bear the stamp and signature of the authorized representative. Format I, II & III enclosed shall be filled without exception. The tenderer shall also enclose the latest Income Tax Clearance Certificate and proof of VAT/Works Contract Tax Registration where applicable.
7. The rates for each and every item shall be quoted in Figure and words. In case of any discrepancy in rates, the rates written in words shall prevail.
8. The envelope containing tender document shall be sealed and bear the name of work and the name and address of the tenderer.
9. The site for the work is available and can be seen on any working day during office hours by contacting the Asst Engineer, ESIC Hospital &ODC (EZ), Joka, Kolkata-700104
10. The Competent Authority of ESIC, reserves the right to accept or reject any tender or all tenders without assigning any reason.
11. Conditional tenders are liable to be rejected.
12. The tender for the work shall remain open for acceptance for a period of sixty days (60) from the date of opening of tender.
13. These instructions shall form a part of the contract document.
14. The EMD of unsuccessful tenderers shall be refunded within one month after the award of work to the successful tenderer.
- 15. Rates quoted shall be firm and fixed and are inclusive of cost of manpower, material, machinery, tools and plant etc. all taxes (including service tax),**

duties and levies, insurance etc. no escalation of whatsoever nature shall be payable.

16. Eligibility criteria: (ESIC TO CHOOSE ALTERNATIVE APPLICABLE)

A. Alternative I:(for works value over Rs. 30 Lacs)

I. The tenderer should have minimum three years experience as on 31.03.2011 in works of similar nature in a GOVT/ PSU set up .

II. The Tenderers should have successfully completed the following work in the last three years in a Government/ PSU set up

(i) One similar work of value not less than rupees.....

(Equals to 80% the value of work to be executed)

(ii) two similar work of value not less than rupees.....

(Equals to 50% the value of work to be executed)

(iii) Three similar works of value not less than

(Equals to 40% of the value of work to be executed)

iv. The tendered should have minimum in-house manpower to cover requirements of formats

(A) and (B).

v. Average Annual financial turnover during the 3 financial years should be at least 30% of the value of work to be executed (copies of balance sheets signed by CA to be submitted)

B. Alternative II (for works value below Rs. 30 lacs).

I. The tenderer should have minimum three years experience as on 31.03.2011 in works of similar nature in a GOVT/ PSU set up.

II. The Tenderers should have successfully completed the following work in the last three years in a GOVT/ PSU set up.

(i) One similar work of value not less than rupees.....

(Equals to 80% the value of work to be executed)

(ii) two similar work of value not less than rupees.....

(Equals to 50% the value of work to be executed)

(iii) Three similar works of value not less than

(Equals to 40% of the value of work to be executed)

The Tenderers are requested not to enclose paper are not relevant . The Credentials shown by the Contractor may be enquired by the Authority if required .

iv. The tenderer should have minimum in-house manpower to cover requirements of formats (A) and (B).

The successful tenderer would be required to establish its office within the site of the work in the space provided by the ESIC.

17. Submission of bids: Proposals should be submitted in two separate envelopes namely, 'Technical Bid' (Part A) and 'Finance Bid' (Part B). The technical and financial bids duly sealed in separate envelopes must be kept inside a single third envelope and clearly super scribed as "Annual Repair and Maintenance Work" of ESIC Hospital & ODC (EZ), Joka, Kolkata-700104. The envelope should be clearly marked as 'Technical Bid' (Envelope-I) and 'Financial Bid' (Envelope-II). This third envelope shall also contain the EMD. The category of work such as Civil, Electrical, Operational, Repair & Maintenance (Actual) for plant & machineries along with comprehensive maintenance of machineries etc. should be mentioned on the outer envelope clearly.

18. Evaluation of Technical Bids: Bids received and found valid will be evaluated by the ESIC to ascertain the best-evaluated bid for the complete work/services under the specifications and documents. The tenderer should take care to submit all the information sought by the ESIC in prescribed formats.

- a. Firm's relevant experience and strength- Profile of agency, registration details, and experience of similar works, annual turnover, and total manpower employed. Attested copies of the Documents should be enclosed with the technical bid.
- b. Qualification/Related experience. The Agency should submit copies of work complication duly attested by Gazetted Officer. Following which the bid is liable to be rejected.

19. Financial Bid: The financial bid of the tenderers, whose technical bid is found to be suitable, will be opened in the presence of the tenderers who choose to attend the opening of financial bid. Minimum two-day notice will be given to tenderer for this purpose.

20. Award of work:

- i. The selection of the agency will be at the sole discretion of the ESIC who reserves its right to accept or reject any or all the proposals without assigning any reason.

ii. The contract for the Annual and Repair maintenance shall be awarded to the qualified tenderer who to the qualified responsive tenderer who has quoted the lowest. However, the Medical Superintendent is not legally bound to accept the lower bidders.

iii. Upon evaluation of offers the notification on award of contract will be intimated to the successful tenderer.

21. Duly filled tender documents shall be deposited by hand delivery/dispatch by post in the office of ESIC at the following address:

.ESIC HOSPITAL & ODC (EZ)

JOKA, KOLKATA-700104.....

.....

.....

22. Delay/Late tenders for whatever be the reason will summarily be rejected.

23. **The Selected contractor will be responsible for observation of all the aspects of the labour Laws Such as minimum wages(State/Central which is higher), E.S.I, P.F Minimum Bonus etc. While quoting the rates the Contractor Should take the anticipated rise in minimum wages and others statutory dues into consideration. No escalation in payment will be considered for the above reason.**

Failure of compliance of the Labours Laws will make the Contract liable to be cancelled.

24. **Work order, work completion certificate submitted must be attested by a Gazetted officer of State /Central Govt, failing which they will not be accepted by the Authority for Consideration.**

25. **The Tenderer must be enclose Attested photocopy of :-**

(i) Work completion certificate of credentials shown.

(ii) VAT & PAN certificate and I.T. clearance certificate.

(iii) Valid of Trade licence.

(iv) Valid of Electrical contractors Licence.

(v) Valid of Labour Licence.

(vi) ESI & PF Registration (as applicable)

TECHNICAL BID (PART A)

Format 1

BRIEF DESCRIPTION OF THE FIRM

(With an outline of the experience of the firm for similar works during last three years)

- a) Name of the firm.
- b) Year of registration.
- c) Type of firm (Individual/Proprietary/Limited Company or any other)
- d) In house facilities available in following fields.

Sl.No.	Fields	Manpower with more than 10 years experience.	Manpower with 5 to 10 years experience.	Manpower with lesser than 5 year experience.
1.	Electrical work			
2.	Operational work of plant & machineries.			
3.	R.M.Actual for plant & machineries along with comprehensive maintenance for plant & machineries.			

Note:

- Provide documents in support of the details provided in above format, failing which the authenticity of the information may not be accepted.

Format II

EXPERIENCE OF COMPANY

(Experience of relevant and similar work of construction, pipe laying/annual Repair and Maintenance completed during last three years preceding March,2008 and on going works)Use separate sheet for each work.

1.	Project Title & Location	
2.	Name of the Client and Address:	
3.	Describe area of Participation (Specific Work done/Services rendered by the applicant)	
4.	Period of Work done/Services rendered for the project.	
5.	Total cost of work/AMC cost.	
6.	Date of start for the work and the present status.	
7.	Any other details.	

Note:

Supporting documents like certificated from the client in support of each of the above projects to be furnished.

Format III

MANPOWER DEPLOYMENT SCHEDULE

A. The following manpower is to be deployed in daily shifts as mentioned against each :

Sl.No.	Category	Nos	Shift details	Remarks
1.	Supervisor			Columns to be filled by ESIC
2.	Plumber			Columns to be filled by ESIC
3.	Electrician			Columns to be filled by ESIC
4.				
5.	Sewer man			

B. The following manpower shall be available on call with 24 hours notice:

Sl No	Category	Monthly expected deployment	Remarks
1.	Mason (on call)		Columns to be filled by ESIC
2.	Carpenter		Columns to be filled by ESIC
3.	Sewer man		Columns to be filled by ESIC
4.		
5.		

Note: - Only licensed/certified electricians/operators shall be deployed. Preferably the other skilled worker deployed shall also be licensed /certified. License of electricians to be enclosed. Other certificates of technical qualification also to be enclosed.

All the above staff of the contract shall wear uniform and badges identifying their category and name in English and local language

FINANCIAL BID (PART B)

Name of work.....

ABSTRACT OF COST

A. Supply and Services of Workers in shifts as per Schedule Format III A.

Sl.No.	Description of Items	Unit	Rate	Amount (Rs.)
1.	Maintaining an office/Hospital /Quarter in space provided by ESIC and attending to Repair and Maintenance work with the maintenance staff with all required helpers tools and plant round the clock.			

Note: -

(i) The Contractor shall maintain an inventory and use common miscellaneous sundry materials (screws,nails, washers, internal, fitting of taps, valves, tanks etc., plumbing thread, safeda,clamps, hooks, cement & patch repairs etc.) which are required for the work the cost of which is included in the above item.

(ii) The above rates shall include the cost of any assistance of unskilled/semi-skilled persons required by the skilled workers.

In case of absence of any of the above mentioned workers without providing suitable replacement, an amount of Rs.300 per day shall be recovered as liquidated damages per person per day of absence.

Supply of workers on call :- The works listed in format III B shall be available on call with 24 hours notice at the rates mentioned against each.

B. The following Manpower shall be available on call 24 hours notice:

Sl No	Category	Monthly expected deployment (to be Filled by ESIC)	Rate	Amount	Remarks
1.	Mason (on call)				
2.	Carpenter				
3.	Sewer man				
4.				
5.				

Note- Payment shall be made for the actual days of employment. For comparison purposes, the deployment shall be as per Format III B.

C. BILL OF QUANTITIES – Measurable items please see Annexure .A & B
 I) Items of works (columns 1 to 4 to be filled by ESIC)

S.NO	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
1.	2.	3.	4.	5.	6.

Note: Payment shall be made for actual quantities executed at the contract rate.

The work shall be carried out as per the enclosed programme (Annexure E) .

The Employer may at his sole discretion extend the time for completion on submission of full 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.

D. Items of material supplied for use by labour in format III (columns 1 to 4 to be filled by ESIC)

Please Annexary A, & B

S.NO	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
1.	2.	3.	4.	5.	6.

Note: Payment shall be made for actual quantities supplied at the contract rate.

Any item of work/supply not cover above shall be treated as a variation. The rates shall be worked out mutually based on CPWD norms. On failure to reach an Agreement, the Engineers decision shall be final and binding on both side.

E. LUMPSUM ITEMS (columns 1 to 4 to be filled by ESIC) **Please Annexary A & B**

S.NO	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
1.	2.	3.	4.	5.	6.
1.	Running and maintenance of window Air conditioner/Air conditioning system consisting of.....	Lumpsum per month			
2.	Running and maintenance of fire fighting system consisting of.....	-Do-			
3.	Running and maintenance of lifts consisting of.....	-Do-			

GENERAL CONDITIONS OF CONTRACT

Definitions and Interpretation

1. Definitions

(a) In the Contract (as hereinafter defined) the following works 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 Contractors 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 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 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 ESIC Hospital & ODC (EZ), Joka, Kolkata-700104

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.

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

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

- (i) During the Repair and Maintenance period for loss or damage property and life arising from a cause for which contract 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.

9. 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:

1. death of or injury to any person, or
2. 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, changes and expenses whatsoever in respect thereof.

9. 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 expensed whatsoever in respect thereof or in relation thereto.

10. Evidence and Terms of Insurance

The Contractor shall take out appropriate to cover his work and workers and staff employed by him fully. The contractor shall provided 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.

11. Compliance with statues, Regullations

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.

12. 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 Contactor and the Engineer shall notify the Contractor accordingly.

13. 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 letter commencement and shall stands terminated after the expiry of one year.

14. 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 it's right to terminate the Repair and 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 it's representative.

15. 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.

16. Liquidated Damages 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.

17. 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.

18. 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.

19. MEASUREMENT

Works to be measured for BOQ items

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 breakup of Lump Sum items and to decide the part rate for any particular item.**

In case 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 reates.

20. Method of Measurement

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

21. CERTIFICATES AND PAYMENTS

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 4 different heads against item no." A"
- (c) Details of defects/complaints attended and rectified within time.
- (d) Details of complaints attended late.

22. Deduction of Income Tax/other Taxes

The amount to be deducted towards the advance income tax shall be at the rate applicable. Deduction in respect of Building & Construction works Cess as applicable under the law will be made by the Authorities from the bills.

23. 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. The payment will be made in shape of ECS/RTGS directly in to the Bank Account of the Contractor . Necessary mandate from is to be submitted by the Tenderer as and when required.

24. 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.

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.

25 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.

26. 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.

27. Default of Contractor

i) 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.

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

28. 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.

29. 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 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.

- i) The work under the contract shall continue, during the Arbitration proceedings.
- ii) The award of the Arbitrator shall be final conclusive and binding on both the parties.

31. 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 recovery of Rs.100 per event per hour shall be made from the subsequent payment certificate of the contractor.
- The Sewer man shall ensure that all lines are maintained in a clean condition by carrying out preventive cleaning of al 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 an each day's work.
 4. The Contractor shall ensure that his Repair and Maintenance staff is qualified and licensed 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 o9ut of execution of the Repair and Maintenance.
 6. When instructed to do so, the contractor shall ensure prop0er record keeping and storing of irreparable/dismantled material.
 7. Water and electricity shall be made available free of cost at nearby source 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 regard shall be entirely that of the contractor.

ADDITIONAL PARTICULAR CONDITIONS OF CONTRACT

For the services to be operated & maintained by the contractor for which lump-sum amounts have been quoted, the following shall apply:-

Operation & maintenance of A C plant:

The plant/Air-conditioners shall be taken over by the Contractor after recording the total No. of plant and equipments & Air conditions in each location & their make ,model, running condition etc. The same shall be maintained and run by the Contractor for the contract period providing all required inputs including gas filling servicing, replacing all spares & defective Components etc. & including all operational staff & manpower for repairing etc. complete.

After completion of the maintenance period ,the same shall be handed over back to ESIC in the same condition in which they were taken over, normal wear & tear accepted.

Horticulture:-

The garden, lawns, potted plant etc. shall be over after listing out the same. The shall be maintained for the contract period . During this period , all inputs like manure replacement Of plant watering, clearing ,weeds, trimming , housekeeping etc. including all material labour and Tools, replacement plants etc. shall be provided so that the garden in maintaining in an eat and healthy condition. The same shall be handed back to ESIC in such condition at the end of the contract.

File Fighting and Alarm System

The system ,equipments etc. shall be taken over recording the details of the fire fighting & alarm system & their running conditions . During the maintenance period ,the same shall be maintained by the contractor providing all material , labour & T & P etc. required . The same shall be maintained to the satisfaction of the concerned statutory authorities and clearance obtained from them as per requirements. The systems shall be handed over in the same conditions as it was taken over, normal wear and tear accepted.

Operation and maintenance of Sub-stations, pumping systems and DG sets etc.

All the above plant & equipments etc. shall be taken over after recording the complete details of make , date of manufacture etc. including their running conditions.

During the contract period , the same shall be operated and maintained by the Contractor including supply of all spares, materials, labour, T & P etc. and including consumables like Engine oil, transformer oil, etc. complete. The maintenance and operation shall meet all the requirements of the concerned statutory authorities . At the end of the contract period , the equipment/system shall be handed over back to ESIC in the condition in which they were taken accepted.

NOTE:

All breakdowns/faults shall be attended to immediately and rectified promptly Only genuine/original spare parts shall be used while carrying out the maintenance work.

Any major repair involving overhaul of engine, rewinding of motors, replacement of major components like compressor etc.is excluded from the scope of work and shall be paid for on actual. However ,if the repairs/replacements arises out of negligence of the Contractor or this staff, the Engineer is to be obtained for any such major repair/replacement.

The contractor shall depute qualified and experienced staff for running and maintenance of the Systems/Equip0ments.

The Contractor shall follow all instruction conveyed to him by the Concerned ESIC officials regarding maintenance of the above.

COMPLAINT REGISTRATION FORM

Date
 Time
 Nature of complaint

Complainant:.....
 Signature:.....

Complaint attended.

Date

Time

Form

To

Certified that the complaint has been satisfactorily attended.

Contractor

Complaint

Date

To be submitted along with running bills.

Enclosure-II

MAINTENANCE 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 (herein 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.

(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 there under 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 EISC 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 by the 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. Welastly undertake not to revoke this guarantee except with the previous consent of the ESIC in writing.

8. This guarantee shall be valid up to _____. 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.)

Enclosure-iv

CONTRACT AGREEMENT FORMAT

This CONTRACT (hereinafter called the contract) is made the day of the month of... 2008 between employees State insurance Corporation , C.I.G. Road ,New Delhi- 110002, on the hand (hereinafter called the employer) and on the other hand

.....
(hereinafter called the contract)

Whereas

A. The client has accepted the offer of the Contractor to provide certain services for maintenance of

.....
.....
.....

B . The contractor, having represented to the client that they have required professional and technical resources have agreed to provide the services on the terms and conditions set forth in this contract Agreement .

Now therefore the parties hereto hereby agree as follows:

1.0 the following documents attached hereto shall be deemed to form an integral part of this contract:

1	Notice Inviting tender & instruction to Tenderes	Annexure'a'
2	General condition of contract	Annexure 'B'
3	Particular conditions of contract along with Enclosure I,II,III,IV	Annexure'C'
4	Programme of work other than day to day maintenance	Annexure 'D'

2.0 The mutual rights and obligations of the employer and the Contractor shall be as set forth in the contract; in particular:

a. the contractor shall carry out the services in accordance with the provisions of the contract;and

b. The client shall make payments to the contractor in accordance with the provisions of the contract.

In witness whereof the parties hereto have caused this contract to be signed in their respective names as of the day and year first above written

FOR AND ON BEHALF OF

(CLIENT)

Employees 'state Insurance corporation.
Hqrs. Office,
C.I.G. Road
New Delhi-110002.

FOR AND ON BEHALF OF

(CONTRACTOR))

.....

24 Hrs.DAY TO DAY OPERATIONAL WORKS , SUPPLY OF SKILLED OPERATIONAL MAN FOR THE YEAR 2011-12 AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA- 700104 (w.e.f on 01.08.2011 to 31.03.2012)

Sl.no	Description	Quantity	Rate (Rs)	Estimated Cost of (Rs)
1.	<p><u>For Lift –</u></p> <p>(A) Day to day operational work for 3. No’s bed cum passenger lift & 1. No dumb weight lift. by engaging sufficient no of operators(not less than 5 heads@ minimum wage) State or Central Which is higher. Rate per month.</p>	Minimum. 5 heads/day		
2.	<p><u>For A.C Plant 4 x80 TR unit :-</u></p> <p>(A) Day to Day Operational works for centrally AC plant (4x80 T.R) capacity chillier type , window type/split type AC machine (47/18 nos) 1.5/2 ton capacity at different locations by engaging sufficient No of operators (not less than 4 heads @ minimum wage) State or Central Which is higher. Rate per month.</p>	Minimum 4 heads/day		
3.	<p><u>For D.G /transformer plant:</u></p> <p>A) Day to day operational works for D.G sets of 250 KVA capacity each (2nos) . by engaging sufficient no of operators (not less than 4 heads @ minimum wage) State or Central Which is higher. Rate per month.</p>	Minimum 4 heads/day		
4.	<p><u>Pump :-</u></p> <p>(A)Day to Day Operational works for Centrifugal pump (2nos) of 15 H.P capacity & Submersible pump 3 no’s of 10/15HP capacity are situated at different locations by engaging sufficient no of operators (not less than 3 heads @ minimum wages) State or Central Which is higher. Rate per month.</p>	Minimum 3 heads/day		

Annual Compressive Services & Maintenance & 2 no's 250 KVA D.G Set & 1 No 125 KVA D.G Set And substation(2 no's 1000 KVA Transformer and 1 no 500 KVA Transformer ,H.T Gear and Panel board) all accessories 2011-12 AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA- 700104 (w.e.f on 01.08.2011 to 31.03.2012)

	<u>For D.G /transformer plant:</u>	<u>Quant.</u>	<u>Rate.</u>	<u>Unit</u>	<u>Amount of Rs.</u>
1.	<p><u>A)Annual Compressive servicing and Maintenance every fore night unlimited break down attendance ,minor repair & replacement of 250 KVA D.G Set.</u></p> <p>B) Annual comprehensive service and maintenance of 125 KVA D.G set</p> <p>i) D.G set procure on 23.06.2010</p> <p>ii) Guaranty period for the date of delivery</p> <p>iii) <u>Mta & servicing will be started from june 2011</u></p> <p>(A) Preventive maintenance every fore night , unlimited breakdown attendance , minor repair & replacement for D.G set & Accessories if required</p> <p>(B) Repair & maintenance (actual)</p> <p>i) Supply & fixing of necessary spare parts as an when required for repairing of D.G.Set 2 no's , 250 KVA each kirloskar make</p> <p>a) Piston ring sets</p> <p>b) Set of hoses</p> <p>c) Big end bearings</p> <p>d)Kit, rocker lever housing</p> <p>e) Repair kit, cylinder head</p> <p>f) Gasket set, upper</p> <p>g) Gasket .oil pan</p> <p>h)Kit, seals</p> <p>i)'B' check kit</p> <p>j) Exhaust manifold(for 2 nos set)</p> <p>k)Belt</p> <p>ii) <u>Repair /calibration</u></p> <p>a) Repair & calibration of injectors with replacement of kit.</p> <p>b) Repair & balancing of turbo charger with replacement of kit.</p> <p>c) Calibration of hydraulic Governor</p> <p>d) Calibration of P.T.Pump with replacement5 of kit.</p> <p>e) Dismantling, cleaning & assembly of radiators.</p> <p>f) Overhauling of alternator cleaning ,baking varnishing</p> <p>g) Overhauling of Engines.</p> <p><u>H) _Gear Oil</u></p>				
2.	<p><u>Substation</u></p> <p>i)Annual _comprehensive maintenance of sub-station as follows:</p> <p>a) 1000 KVA Transformer</p> <p>b) 500 KVA Transformer</p> <p>c) 4 panel H.T switch gear</p> <p>d) L/T panel Brand</p>				

	<p>e) Capacitor Bank f) Extinguisher g) Including all equipments & substation h) L.T panel board (for D.G system) iii) Repairing job of panels, capacitor bank, L.T & H.T switch gear , O.C.B, distribution boards, breaker handles, indicating lamp fuses, contacts etc by replacing whenever necessary . iii) Transformers: a)Supply of Transformer Oil.(2 x 1000 KVA & 1 x 500 KVA) of best quality (ISO/ISI certified) such as Electroll, Gulf, Power etc. b) Testing iv)Painting D.G Sets ,panels, Transformer & Pump , to be painted 2 coats Burger/ICI Total (1 & 2) Quoted</p>	<p>14no's 1no's L.S L.S L.S 2700 litter L.S L.S</p>			
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Annual Compressive Services & Maintenance Bed Cum Passenger Lift 3 no's & Dumb waiter Lift 1 no's all accessories 2011 – 12 at ESIC Hospital THAKURPUKUR, JOKA, KOLKATA- 700104 (w.e.f on 01.08.2011 to 31.03.2012)

<u>For Lift –</u>	<u>Quenty</u>	<u>Rate</u>	<u>Amount of Rs.</u>
(A) Preventive maintenance fore night unlimited breakdown attendance , minor repair for lift.			
(B) Repair & Maintenance (Actual)			
<u>For 3 No. Lift</u>			
i) Replacement of main sheave & allied works.	1 job		
ii) Replacement of 140 grade fresh gear oil.	1 job		
iii) other miscellaneous works	L.S		
(iv) Replace meant of 140 grade old gear oil by new fresh oil	2 job		
(v) Repair of lift door and adjustment etc.	2 job		
(vi) Repair of car door & adjustment etc.	2 job		
(vii) other miscellaneous works	L.S		
(Viii) Renovation , decoration inside the lift like as floor mat mirror ,false ceiling , polising the lift cage & policing in front of the lift (As per deraction Engg – in – charge).	3nos		
<u>For dumb weight lift at CSSD:-</u>			
(a) Supply & Fixing necessary spare parts as & when required	1 job		
(b) others miscellaneous works	L.S		
Total of(A+B) Quoted			

Annual Compressive Services & Maintenance Centrally A.C Plant (4 x 80 TR capacity each , (chiller Type), 2/1.5 ton S.A C./R.A.C.A.C machine including all accessories 2011-12 AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA- 700104 (w.e.f on 01.08.2011 to 31.03.2012)

For A.C Plant 4 x80 TR unit & Room Air- Conditioner, Split Type .	Qunty	Rate.	Amount ofRs.
(A) Preventive maintenance fore night unlimited breakdown attendance , minor repair and overheating once a year and servicing of 2/1.5 ton R.A.C & split type A.C(20/40 nos).			
(B) Repair & Maintenance(actual) For AC plant 4x80 TR 2 & 4 units			
a) Through cleaning of crank case, filter etc, after drain out of compressor oil & decaling of refrigerator gas with necessary side cover unit 2 & 4.	4 Jobs		
b) Re- filtering & recharging of old compressor oil after re-fitting side cover.	4 Jobs.		
c) Complete leak testing of (unit 2 & 4) the refrigeration lines, joints, valves, sub-seal etc. Pressure testing of the system. Finally vacuuming the entire unit by vacuum set.	4 Jobs.		
d) Supply & charging of fresh compressor oil.	30litters.		
e) Supply & charging of R-22 Refrigerant gas.	130k.g		
f) Complete checking drum control starter, electrical panel & drain out of old transformer oil.	2 jobs		
g) Supply of charging of Gear oil	40 litters		
h) Replacement of contact points of the starter after necessary checking.	2 set		
i) Re-greasing of both sides ball bearing after cleaning the same. Gland packing replacement nuts & bolts.	4 jobs		
j) Repairing of 10 nos. pump motors 10 HP capacity AC as & when required	L.S		
k) Extn. Of existing central AC duct line from 1 no. Patient room to south – east corner room in 3 rd floor (OT Block)	L.S		
L) Air – CIRCULATOR Fan(Make EPC/Crompton)	3 nos.		
M) Repairing of City Fan, equipments & rubber buss	L.S		
Total A + B Quoted			

Annual Compressive Services & maintenance Centrifugal pump (2 no's of 15HP capacity and submersible pump(3no's) Panel board) all accessories 2011-12 AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA- 700104 (w.e.f on 01.08.2011 to 31.03.2012)

4	Pump :-	Quantity	Rate.	Amount of Rs.
	(A) Preventive Annual maintenance & Servicing every fore night , unlimited breakdown attendance , minor repair .			
	i) 440 V ,3ph ,, 50 Hz, 15HP pump motor set- 2 no's			
	ii) 440V, 3ph,50Hz10/15HP submersible pump motor Set- 3 no's			
	(B) Repair & maintenance (actual)			
	i)The following pumps (3 no's)10/15 H.P submersible pump, 2 x15H.P centrifugal pump are situated in different locations to be repair by replacing bearing, impellers, rings, seals, valves , overhauling, heat burnishing, burnt out coils including electrical panels at pump houses are to be repaired as an when required.	L.S		
	ii) The repair & renovation of different types of M.S/ Gun metal (75/100mm dia. valves etc.)	L.S		
	iii) Repairing & removing of main water supply M.S pipe line (75/100 mm dia. etc.)	L.S		
	Total of (A+B) Quoted			

**ESTIMATE FOR THE YEAR 2011-12 IN RESPECT OF WORKS ARM-ELECTRICAL
(HOSPITAL PART) AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA-700104
(w.e.f 01.08.2011 to 31.03. 2012)**

Sl.no.	Description of Item of works	Quantity	Rate (Rs.)	Amount (Rs.)
A.	Day to day checking of switches, plugs, earthing / voltage, temperature reading etc. in different wards & other functional areas, monthly meter reading and billing and sound & light arrangement for meeting including operator street light etc. By engaging skilled wire man as an when required.	Sufficient manpower should be dedicated for 24 hours non stop maintenance		
B.	Supply & Fixing essential materials, fittings on work relate to day to day call slips for maintenance work as stated below.			
1.	Wooden board (teak) 10"x12".	18 nos.		
2.	Do 8"x12"	20 "		
3.	Do 8"x10"	35 "		
4.	Do 6"x8"	30 "		
5.	Do 4"x6"	30 "		
6.	Do 4"x4"	35 "		
7.	Bakelite cover. 10'x12"	18 "		
8.	Do 8"x12"	20 "		
9.	Do 8"x10"	35 "		
10.	Do 9"x11"	40 "		
11.	Do 4"x6"	30 "		
12.	Do 5"x8"	16 "		
13.	Do 4"x4"	35 "		
14.	Batten holder.	60 "		
15.	M.S.Box 8"x 10"	20 "		
16.	M.S.Box 4"x7"	20 "		
17.	M.S.Box 3"x3"	15 "		
18.	A.C Box (comp) 5'x6"	25 "		
19.	Buzzer call bell	32 "		
20.	Din Dong	15 "		
21.	Gong	15 "		
22.	T.Wood & Round Block (Double)	60 "		
23.	Do (Single)	60 "		
24.	M.S Round Block	40 "		
25.	2.5 mfd capacitor	150 "		
26.	40 w.chock (Ballast) Philips.	105 "		
27.	20 w chock (Ballast) Philip	30 "		
28.	Ceiling rose	70 "		
29.	Double bracket T.L.fittings (Philips)	20 "		
30.	Single bracket T.L.complete fittings (Philips)	20 "		
31.	a)Exhaust fan 9"(Make EPC) b) Exhaust Fan 12" (Make EPC) c) exhust Fan 15" (Make EPC)	10 " 10" 10"		
32.	Pendant holder	25 "		
33.	T/L lock holder	40 "		
34.	T/L lock stater holder	40 "		
35.	Son lignitor 250 w	10 "		

Sl.no.	Description of Item of works	Quantity	Rate (Rs.)	Amount (Rs.)
36.	Son ballast 250 W.	10 nos.		
37.	Son lamp 250 w	10 "		
38.	A).Copper wire(2core.) 1.5 sqm for son lamp B).	100m "		
39.	Replacement of damaged arms S.T.poles above 11 m	10 "		
40.	Replacement of damaged son lamp with fittings	10 "		
41.	Holder for son lamp 150/250 w	10 "		
42.	Painting of S.T.Poles above 11 m	10 "		
43.	Dismantling the existing damaged loop box and front side of the muffing	20 "		
44.	Supply & fixing 8"x6"x4" M.S.Loop box of 16 SWG g 1.sheet consist of 4 nos suitable. Size of bar/connecting of porcelion inside the box with hanged type door to be flushed within muffing for connecting incoming cable connection.	10 "		
45.	Extra C.C muffing 6:3:1 of 2"x2"x2.5 inside around the existing street tubular pole.	10 "		
46.	S & F Compression & type cable gland completed with all accessories including fixing the end by cripping method to G.S. for the existing cable.	20 "		
47.	Industrial top for (A.C) 20A	20 "		
48.	Industrial no socket	20 "		
49.	Isolator 100A, T.P	12 "		
50.	Isolator 63A, T.P	12 "		
51.	Isolator 40A, DP	16 "		
52.	DP MCB Isolator 60 A	30 "		
53.	M.C.B (SP) 32A	30	150 "	
54.	M.C.B (SP) 25A	20		
55.	M.C.B (SP) 20A	20		
56.	M.C.B (SP) 16A	25		
57.	M.C.B (SP) 10A	25		
58.	M.C.B (SP) 6A	55		
59.	4 way TPND.Box (Vertical DB)	6 "		
60.	4 way SPND Box	6 "		

61.	CFL 18 w (orpet)	50 nos.		
62.	Indicators	25 "		
63.	Load star	10 "		
64.	Feeder loop box with necessary repairing & painting.	7 "		
65.	Fan regulator (Electric)	100 "		
66.	Piano switch (5A)	500 "		
67.	Piano switch (15A)	100 "		
68.	Socket 5 A	110 "		
69.	Socket 15 A	90 "		
70.	Switch socket combined 5A	35 "		
71.	Switch socket combined 15A	35 "		
72.	Tube light starter 20/40	150 "		
73.	3 pin top 5A	50 "		
74.	3 pin top 15A	60 "		
75.	Thermal timer 200 GT 400 V(for pump)	10 "		
76.	Copper wire 1.5 sqm single core ISI mark	1000m		
77.	Copper wire 2.5 sqm single core ISI mark.	300m		
78.	Copper wire 4 sqm single core ISI mark	500m		
79.	Copper wire 6 sqm single core ISI mark	200m		
80.	Copper wire 10 sqm single core ISI mark	225m		
81.	T.R S Copper wire 1.5 sqm (for extension)	100m		
82.	T.R S Copper wire 2.5 sqm (for extension)	100m		
83.	23/36 flexible wire	100m		
84.	4 sqmm 2 core armoured aluminium	100m		
85.	6 sqmm 2 core armoured aluminium	100m		
86.	4'x4" PVC Box	105m		
87.	3"x3" PVC Box	230m		
88.	Overhauling ,cleaning & numbering of fans :- 48" swift ceiling fan 56" swift ceiling fan	225 nos. 200 nos.		
89.	Supply an fixing of ball bearing for ceiling fan (top) . (Bottom) bush	50 nos. 50 nos.		
90.	Rewinding & heat varnishing of burnt out coils for the following types of fan:- i) 48" sweep ceiling fan ii) 56" sweep ceiling fan iii)12" sweep exhaust fan iv) 16"/18" sweep exhaust fan v) 24" sweep exhaust fan vi) 9" sweep exhaust fan	85 nos. 56 " 25 " 20 " 10 " 25 "		

91.	Painting of following types of fan 2 coat of approved make paints (Burger /ICI) i) 48" sweep ceiling fan ii)56" sweep ceiling fan iii)12' sweep exhaust fan iv)24" sweep exhaust fan v) 9" sweep exhaust fan vi) 16"/18' sweep exhaust fan	375 290 20 10 20 15		
92.	Cleaning of fans with complete of checking of nuts,bolts,washers,rubber ,insulator etc.	600		
93.	Point wiring in PVC conduit /piano type switches for light point /fan point/ plug point/call bell point with 1.5 sqmm single core copper with earthling (average 10 m)	105		
94.	Sub main wiring in PVC conduit along with earth wire following sizes of PVC insulated copper conductor single coat cable in surface /recessed PVC conduit as required. i) 2 x 1.5 sqmm +1 x1.5 sqmm copper wire. ii) 2 x 3.5 sqmm +1x2.5 sqmm copper wire. iii) 2 x 4 sqmm + 1 x 4 sqmm copper wire. iv) 2 x 6 sqmm + 1 x 6 sqmm copper wire . v) 2 x 10 sqmm + 11 x 10 sqmm copper wire.	550m 400m 150m 90m 60m		
95.	Supply & fixing of 20 A Industrial MCB A.C.Box with 1 no 20A with earthling attachment necessary connection required.	20 no's		
96.	Repairing & replacement of feeder pillar box (62" x 48"x 26 .5" including painting,	7nos		
97.	Extension of rising mans from fifth floor to six floors with Aluminium Bus- bar, 63 AMPS main switch with HRC fuses with in cubical Metal Box & complete with necessary connection.	1 job		
98.	Supply & fixing of timer 40A with 5/ no contract make BCH against 84 no's of (tubular pole 250 w son lamp each) in three different locations.	1 sets		
99.	Supply & installations of 1.5 ton A.C window machines (Voltas) for lifts room no 1 & 3.	3 no's		
100.	Supply & fixing of high speed wall mounted fan(16")	10		
101.	Supply & fixing of wall mounted focus lamp (150).	5		
102.	Supply & installation of public address system (as and when required).	1 job		

Total Rs.

ESTIMATE FOR THE YEAR-2011-12 IN RESPECT OF WORKS ARM-ELECTRICAL (STAFF QUARTERS) AT ESIC HOSPITAL, THAKURPUKUR, JOKA, KOLKATA-700104(w.e.f 01.08.2011 to 31.03. 2012)

Sl.no.	Description of Item of works	Quantity	Rate (Rs.)	Amount (Rs.)
	Supply & Fixing essential materials, fittings on work relate to day to day call slips for maintenance work of Hospital (staff quarters).			
1.	Wooden board (teak) 8"x10"	200 nos.		
2.	Do 6"x4"	160 "		
3.	Do 4"x4"	80 "		
4.	Do 6"x8"	80 "		
5.	Bakelite cover. 8"x 10'	200 "		
6.	Do 6"x4"	160 "		
7.	Do 4"x4"	80 "		
8.	Batten holder.	80 "		
9.	Buzzer call bell	64 "		
10.	Bell push	48 "		
11.	T.Wood & Round Block (Double)	80 "		
12.	Do (Single)	24 "		
13.	2.5 mfd capacitor	90 "		
14.	40 w.chock (Ballast) Philips.	15 "		
15.	Ceiling rose	105 "		
16.	Single bracket T.L.fittings (Philips)	35 "		
17.	Pendant holder	25 "		
18.	T/L lock holder	60 "		
19.	T/L lock starter holder	30 "		
20.	M.C.B (SP) 16A	20 "		
21.	M.C.B (SP) 10A	20 "		
22.	M.C.B (SP) 6A	50 "		
23.	2 way SPND Box	10 "		
24.	Meter box (4.5' x4'x1) with necessary painting	19 "		
25.	Single phase energy meter (5-20A ISI mark) .	16 "		
26.	Fan regulator	41 "		
27.	Piano switch (5A)	200 "		
28.	Piano switch (15A)	50 "		
29.	Socket 5 A (3/5 pin)	125 "		
30.	Socket 15 A (3/5 pin)	45 "		
31.	Tube light starter	30 "		
32.	Copper wire single coat 1.5 sqmm	1000m		
33.	Copper wire single coat 2.5 sqmm	200 m		
34.	Copper wire single coat 4 sqmm	300m		
35.	Copper wire single coat 6 sqmm	100m		

Sl.No.	Description of Item of works	Quantity	Rate (Rs.)	Amount (Rs.)
36.	23/36 flexible wire	50m		
37.	4 sqmm 2 core Armoured. Alum. wire	100m		
38.	6 sqmm 2 core Armoured. Alum .wire	100m		
39.	PVC box 4x4	70 no's		
40.	PVC box 3"x3"	100 nos.		
41.	Overhauling ,cleaning & numbering of fans :- 48" sweep ceiling fan 56" sweep ceiling fan	68 nos 34 "		
42.	Supply an fixing of ball bearing for ceiling fan (top) . (Bottom) bush	34 " 34 "		
43.	Rewinding & heat varnishing of burnt out coils for the following types of fan:- i) 48" sweep ceiling fan ii) 56" sweep ceiling fan	14 " 20"		
44.	Painting of fan 2 coat of approved makeS paints (Burger /ICI) i) 56" sweep ceiling fan.	34 "		
45.	Cleaning of fans with complete of checking of nuts,bolts,washers,rubber ,insulator etc.	35 "		
46.	Point wiring in PVC conduit /piano type switches for light point /fan point/exhaust/call bell with 1.5 sqmm single coat copper with earthing (average 10 m)	90 "		
47.	Submain wiring in PVC conduit along with earth wire following sizes of PVC insulated copper conductor single coat cable in surface /recessed PVC conduit as required. i) 2 x 1.5 sqmm +1 x1.5 sqmm copper wire. ii) 2 x 3.5 sqmm +1x2.5 sqmm copper wire. iii) 2 x 4 sqmm + 1 x 4 sqmm copper wire.	 203m 101m 74m		
48.	Renovation of Electrical installation with supply & fixing of L.T Motor starter 1 nos & 4 way MCB busber 100 A single door 1 nos etc at laundry.	1 job		

Total Rs.

