

TENDER FOR CONSULTANCY SERVICE FOR PROVIDING MICRO-PROCESSOR BASED FIRE DETECTION SYSTEM AND RE-DESIGNING OF EXISTING FIRE FIGHTING NETWORK INCLUDING BIS/TAC APPROVAL AND REPLACEMENT OF UNDER GROUND FIREFIGHTING PIPELINE NETWORK" AT VARIOUS POWER STATIONS OF GSECL.

## INDEX

Sr. No.	Description	Page No.
1	Instruction to Bidders	3 to 6
2	Section-A: Invitation of Tender	7 to 15
3	Section-B: Scope of work.	16 to 17
4	Section-C: Schedules required to be filled up & formats for B. G, contract agreement etc, Annexure-A.	18 to 33
5	GT and CAP Booklet	-

Jaws PDF Creator

EVALUATION  
VALUTAZIONE  
EVALUATION  
EVALUACIÓN  
EVALUATION

## **INSTRUCTIONS TO BIDDERS**

Jaws PDF Creator

EVALUATION

VALUTAZIONE

EVALUATION

EVALUACIÓN

EVALUATION



## Gujarat State Electricity Corporation Limited

An ISO-9001-2008 Certified Company

**Regd. Office: Vidyut Bhavan, Race Course, VADODARA – 390 007. Tel: 0265 6612102, Fax: 0265 2344537, E-Mail: cegen.gsecl@gebmil.com , Web: www.gsecl.in**

**Ref. No.: CEG/R&M/ Fire/All TPS/30**

**Date: -09-2012**

**Sub: To appoint common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.**

GSECL intends to invite "On line Tenders" (e-tendering) for appointing common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL. Tender Papers & Specifications may be down loaded from Web site <http://gsecl.nprocure.com> (For view, down load and on line submission) and GUVNL / GSECL web sites [www.guvnl.com](http://www.guvnl.com) & [www.gsecl.in](http://www.gsecl.in) (For view & down load only) Tender fee & FMD amount may be paid along with submission of tender document. "All the relevant documents of tenders to be submitted physically will be received only by Registered Post A.D. or Speed Post addressed to CHIEF ENGINEER (GENERATION) GUJARAT STATE ELECTRICITY CORPORATION LTD, CORPORATE OFFICE, VIDYUT BHAVAN, RACE COURSE, VADODARA – 390 007 super scribing the envelope with Tender No & item description. "NO COURIER SERVICE OR HAND DELIVERY" will be accepted.

Bidders have to submit tender on line on <http://gsecl.nprocure.com>

<b>Tender No.</b>	<b>CEG/R&amp;M/Fire/All TPS/30</b>
Tender Fees Amount (Non-Refundable)	Rs. 7500.00
Estimated Cost of the tender items.	Rs. 95.00.000.00
Earnest Money Deposit Amount	Rs. 95,000.00
Online [e-tendering ] tender/offer submission last date and time [this is mandatory]	21.09.2012 up to 16.00 Hrs.
Physical receipt of all the relevant documents last date and time up to 16.00 hrs (By RPA/D or speed post only.)	24.09.2012 up to 16.00 Hrs.
Date and time of opening of technical bid (Physical as well as on-line.)	27.09.2012 at 16.00 Hrs.
Date of on-line opening of price bid	Will be informed later on

### IMPORTANT:

- (1) All the relevant documents as per requirement of the Tender must also be submitted physically along with the Tender Fee, FMD in sealed cover on or before due date and time. All such documents should be strictly submitted by RPA/D, speed post only. Otherwise the offer will not be considered and no any further communication in the matter will be entertained.
- (2) Any deviation found in Data / Details / Documents between on line offer (e-tendering) and physically submitted documents (Tender document fee, bidder, offer of the same bidder) will not be considered and no any further communication in the matter will be entertained.

Further bidders are requested to submit price – bid on-line only and not in physical form. This is mandatory. If price bid is submitted in physical form, same will not be opened and only on-line submitted price bid will be considered for evaluation. It is mandatory for all the bidders to submit their tender documents in both forms viz. on – line (schedules F1 to F7 duly filled up & to be uploaded in soft for E-tendering) and physically in schedule time. In case, schedules F1 to F7 duly filled up are uploaded in soft and the total tender is submitted in physical form, the bid of the bidder shall be opened.

Any technical questions, information and clarifications that may be required pertaining to this enquiry shall be referred to “THE CHIEF ENGINEER (GENERATION) GUJARAT STATE ELECTRICITY CORPORATION LTD., CORPORATE OFFICE, VIDYUT BHAVAN, RACE COURSE, VADODARA – 390 007”.

GSECL reserves all the rights to accept/reject any OR all tenders without assigning any reasons thereof.

Bidders should be in touch with the above websites for information regarding revision/ corrigendum/ amendment in tender till due date of on line submission and thereafter. No separate correspondence will be done in this regard.

If you are in a position to quote tender, You are requested to submit in triplicate (one original and two copies) to this office on or before due date.

The tenders should be submitted in two parts/ covers:

- (1) TENDER FEE & EMD COVER
- (2) TECHNICAL BID

The two covers as above shall be placed in one main cover.

#### COVER- I

Non-refundable tender fee of Rs. 7500/- is acceptable by crossed Demand Draft drawn in favor of “Gujarat State Electricity Corporation Ltd” payable at Vadodara and E.M.D. of Rs. 95,000/- is acceptable by Crossed Demand Draft drawn in favor of “Gujarat State Electricity Corporation Ltd” payable at Vadodara.

No interest shall be paid against payment of E.M.D.

#### COVER - II

All information regarding technical and commercial aspects of your offer including all documentary evidences which meet tender qualification requirement, shall be given in the technical bid. Terms of payment, completion periods, etc. shall also be given in the technical bid. It shall also include unpriced price schedules.

If the tenderer wishes, he may familiarize himself with the site conditions. For this purpose the tenderer should write to the Chief Engineer (Gen), Gujarat State Electricity Corporation Limited, Vidyut Bhavan, Race Course, Vadodara – 390 007 (giving tender No. etc.), who will give necessary instructions in the matter.

### Pre-Qualification Requirement:

The bidder should have executed such type of consultancy order in the last three years for “providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of under ground fire fighting pipeline network of any Thermal/Hydro/Gas Power Plant in India for the order value not less than Rs. 20,00,000/- and should invariably submit the performance certificate for the order executed from the end user of the Power Plant.

Correct and precise information shall be furnished in technical bid. The offer shall be ignored in case of Failure to do so.

Name of Consultant \_\_\_\_\_  
And address \_\_\_\_\_

#### UNDER TAKING

- 01 Should the tender be accepted I / We hereby agree to abide by and fulfill all the terms and conditions of the tender contract for work and in default thereof to forfeit and pay to the GSECL the sum of money due.
- 02 The full value of the Earnest money deposit paid herewith shall absolutely be forfeited by GSECL if I / We do not deposit the full amount of security deposit in time.
- 03 I / We understand and agree that canvassing in any form will disqualify me / us.

Place:

Date:

Sign. of consultant  
With Company seal

**CHIEF ENGINEER (GEN)**  
GSECL, Corporate Office, Vadodara



**Gujarat State Electricity Corporation Limited**

An ISO-9001:2008 Certified Company



**Regd. Office: Vidyut Bhavan, Race Course, VADODARA – 390 007.**

**Tel: 0265 – 6612101/02/34 Fax : 0265-2344537 Email: [cegen.gsecl@gebmail.com](mailto:cegen.gsecl@gebmail.com)**

**Web: [www.gsecl.in](http://www.gsecl.in)**

**“Save Energy for the benefit of Self and Nation”**

## **SECTION-A**

### **INVITATION OF TENDER**

**SUB: To appoint common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various power stations of GSECL.**

Gujarat State Electricity Corporation Ltd. (Entirely Gujarat Electricity Board) is Power Generating Company in the state of Gujarat. Gujarat State Electricity Corporation Ltd desires to execute the above subject work at their various Power Stations viz. Ukai K TPS, Wanakbori TPS, Sikka TPS, Kadana HPS and Utran GBPS. The distance from our corporate office, Vadodara to respective Power Stations is as follows: Ukai - 240 Kms, Wanakbori TPS – 90 Kms, Sikka TPS – 400 Kms, Utran GBPS – 140 Kms, KLTPS – 650 Kms and Kadana HPS – 350 Kms.

#### **1 Introduction:**

- i) Gujarat State Electricity Corporation Ltd, Vadodara intends to appoint a common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.
- ii) In order to carry out the assignment of consultancy for the said work, Consultant should have well experienced, resourceful and qualified consulting team for preparation of tender documents, Bid scrutiny, evaluation of pre-bid/post bid discussions, technical bid recommendation, Award of contract, supervision of work performance test etc.
- iii) The offer will be considered by the GSECL only as per qualifying criteria laid down in this document.

#### **2 TENDERS IN TRIPLICATE AND INFORMATION REQUIRED ON COVER:**

Tender in three copies shall be sent duly sealed (i) Main cover containing DDs of tender fee and EMD and (ii) Second cover containing three copies of Technical bid.

Tender fee/EMD cover shall be super scribed “Tender fee and EMD for appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

Technical bids cover shall also be super scribed “Technical bid for appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of

existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL along with Tender No. CEG/R&M/Fire/All TPS/30.”

All the envelopes should be addressed to “The Chief Engineer (Gen), Gujarat State Electricity Corporation Limited, Vidyut Bhavan, Race Course, Vadodara – 390 007” and full address of the tenderer should appear on all the envelopes for identification of the agency/party.

### **3 MODE OF DESPATCH OF TENDER / BID.**

3.1 The tender should be dispatched by Registered AD post / Speed post only. COURIER/HAND DELIVERY IS NOT ACCEPTABLE. It will be the responsibility of the bidder to ensure that the bids are received by GSECL in time and at the place mentioned above. The bids after the due date shall not accepted.

### **3.2 Delayed and Late Tender:**

No tender shall be accepted / opened in any case which are received after due date and time of receipt of tender irrespective of delay due to postal services or any other reasons and GSECL shall not assume any responsibility for late receipt of tender. ANY CORRESPONDENCE IN THIS MATTER WILL NOT BE INTERESTED.

### **4 EARNEST MONEY DEPOSIT:**

Bidder shall pay E.M.D. of Rs. Rs.95,000/- in the form of a Crossed Demand Draft drawn in favor of “Gujarat State Electricity Corporation Ltd” payable at Vadodara.

The Earnest Money Deposit shall be collected by GSECL upon failure of the tenderer to hold his offer open in accordance with the terms of this invitation to tender. The Earnest Money Deposit will be released in accordance with the following conditions.

- (i) In case of the successful tenderer, the Earnest Money will be refunded after payment of Security deposit at each Power station.
- (ii) In case of unsuccessful tenderer, the Earnest Money will be refunded after the award of contract to the successful tenderer and payment of Security Deposit by successful tenderer.

5 Technical Bids will be opened on the date and time specified above in the office of the Chief Engineer (Gen), Gujarat State Electricity Corporation Limited, Vidyut Bhavan, Race Course, Vadodara – 390 007 in presence of those tenderers or their authorized representatives along with authentic documents who wish to remain present.

### **6 OFFER TO BE MADE ACCORDING TO TENDER DOCUMENTS:**

The offer/Bid shall be in accordance with and responsive to this tender specifications only. Incomplete tender, amendments and additions to tender, tender received prior to bid dead line but which are not in sealed cover are liable for rejection.

### **7 INFORMATION AND DOCUMENTS TO BE FURNISHED WITH OFFER:**

- 7.1 Full address of office as well as Factory with fax Mobile and telephone numbers.
- 7.2 Name of the Senior Officers with designation and telephone Nos. (Office as well as Residential) who can be contacted for any follow-up.



- 7.3 Name of the directors with their Bio-data indicating qualifications and experience. Also, state whether the firm is a Pvt. Ltd., Public Enterprise or proprietary etc.
- 7.4 Consultant's Banker names and reference of bankers regarding firm's performance.
- 7.5 Details of manpower employed indicating numbers of Executives involved in Technical and Engineering management, Administrative management and financial management along with Curriculum Vitae of personnel likely to be involved in the job.
- 7.6 Consultant's experience indicating list of order executed, date of the order and completion date of the same, value of each orders etc. with copies of performance certificate from the Customers.
- 7.7 Details of the orders on hand/under execution indicating dates of the orders, value of the orders and contractual completion period actual completion period along with reason for delay (if delayed) and type of work ordered.
- 7.8 All other information as called for under various schedules forming part of the Tender documents and/or the specifications shall also be invariably furnished.

## **8 EVALUATION OF PROPOSALS:**

The selection of the firm(s) for the proposed services will be based on fulfillment of PQR, experience and qualification of the personnel to be assigned and minimum standards set by the Gujarat State Electricity Corporation Ltd.

## **9 VALIDITY:**

The tender shall be valid for a period of 120 days from the date of opening of price bid.

## **10 MODE OF PAYMENT OF SECURITY DEPOSIT**

The successful bidder will have to pay 10 % of the order value as security deposit at each Power station within 7 days from date of issue of LOI or along with acceptance of LOI whichever is earlier. This SD can be submitted in the form of bank guarantee from scheduled/nationalized bank and will have to be extended one month in advance of the expiry of the original BG if required. This security deposit is against the work to be carried out as per Contract terms & conditions and the same is liable to be forfeited by the GSECL in the event of non-fulfillment of the terms & conditions of this contract by the consultant.

## **11 PRICE & Other conditions.**

- (i) For considering L1 party, total amount summed up for all the power stations will be considered.
- (ii) Detailed orders will be issued for each power station separately by concerned Power station.
- (iii) The quoted rates in the offer will include man-visits to all the above power stations of GSECL viz. Jkai, KLTFC, V/ankbor TFS, Sikka TFS, Kadana HPS and Utran GBPS or GSECL Head Office, etc.
- (iv) The offered price does not include service tax, which shall be reimbursed at actual.
- (v) The offered price shall remain firm till completion of the work.

## 12 PAYMENT TERMS:

The terms of payment for the services rendered would be as follows:

- A] Preparation of tenders for each Power Station (6 Tenders) - 20%
- B) Attending Pre bid meeting - 10%
- C) Evaluation of tender. - 20%
- D) Attending Post bid meeting - 10%
- E) Awarding of contract - 10%
- F) Approval of drawings and Supervision of the work etc. - 20%
- G) Performance test & work completion certificate - 10%

## 14 MODE OF BILLING AND PAYMENT:

Billing and payments in respect of the Services shall be made as follows:

- a) The consultant shall have to submit item wise statements in triplicate, along with copies of other appropriate supporting documents, of the amounts payable for such month.
- b) The GSECL shall make the payment to the Consultant's monthly statements within thirty (30) days after the receipt by the GSECL with supporting documents.  
Only such portion of a monthly statement not satisfactory, submitted by supporting documents may be withheld from payment.
- c) The final payment under this Clause shall be made only after the completion of the works and submission of final statement, identified as such, shall have been submitted by the consultant and accepted by the GSECL.

## 15 TIME LIMIT:

The work to be started immediately after placement of detail order.

- 1) Preparation of Tender for each power station 1 month.
- 2) Finalization of bid and identification of Contractor for execution of work for each power station 1 month.
- 3) Approval of drawings and Supervision of the work etc. Till completion of actual work

## 16 PENALTY FOR DELAYS:-

Any delay that may take place beyond contractual cut off date / stipulated period in the order shall be subjected to penalty (not liquidated damages) at the rate of ½ % of the contract price / order price per week or part thereof subject to a maximum of 10% of the total contract value / order value ( i.e. 1 net cost including taxes & duties).

## 17 FORCE MAJEURE CLAUSE:

"If, at any time during execution of this contract, the performance in whole or in part by either party or any obligation under this contract shall be prevented or delayed by reason of any war, hostility, act of the public enemy, civil commotion, sabotage fires, floods, explosion, epidemics, quarantine restrictions, strikes lockouts or acts of God (hereinafter referred to as event)", then provided notice of the happening of any such event is given by either party to the other within twenty one days from the date of occurrence there of neither party shall by reason of such event be entitled to terminate

this contract nor shall either party shall have any claim for damages against the other in respect of such non-performance of delay in performance, and services under the contract shall be resumed as soon as practicable after such event has come to end or ceased to exist, and the decision of the Chief Engineer(Gen),GSECL, Corporate office, Race Course Vadodara as to whether the services have been so resumed or not shall be final and conclusive.

Provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the GSECL shall be at liberty to take over from the contractor at a price to be fixed by the Chief Engineer (GEN), GSECL, Corporate office, Race Course, Vadodara which shall be final.

## 18 CLARIFICATIONS REQUIRED BY BIDDER:

If any Bidder require any information and / or clarification on any part of technical or commercial nature pertaining to this tender enquiry or on any of the conditions or requirements indicated in the tender documents, the same should be given in writing in duplicate to

THE CHIEF ENGINEER (GEN) Gujarat State Electricity Corpn. Ltd. Race Course Vadodara (GUJARAT)	FaxNo.0265-2344537 PhoneNo.0265-6612115 Email : paceg@gebmil.com
--	--

## 19 CANVASSING NOT PERMITTED:

Bidder should not canvass their offer personally or otherwise by approaching the Chairman or any Member of the GSECL. If any Bidder wants to make any kind of representation regarding his offer, he should write to the Chief Engineer (Gen), GSECL, Corporate Office, Race Course Vadodara with copies to the Chairman and Members, if he desires, but personal or oral representation is not permitted.

In spite of the above clear instructions if, any Bidder is found to canvass his offer or against his competitor's offer through personal approach to the Chairman or the Members of the GSECL or any other authority his offer will be rejected without assigning any reason and the firm may even be blacklisted.

## 20 GENERAL PROVISIONS

### i) Laws Governing Contract:

This contract, its meaning and interpretation, and the relation between the parties shall be governed by the Applicable Law.

### ii) Language:

This contract will be executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this contract.

### iii) Notices:

Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the party to whom the communication is addressed, or when sent by registered mail, telex, Fax.

**iv) Location:**

The services are expected to be performed at Ukai, KLTPS, Wanakbori TPS, Sikka TPS, Kadana HPS and Utran GBPS.

**21 COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT:**

**i) Effectiveness of Contract:**

This Contract shall come in to force from the date of placement of detailed order. The contractor shall execute the agreement within 30 days after issue of order.

**ii) Commencement of Services:**

The Consultant shall have to start the services just after the Effective Date as above. Accordingly, consultant shall have to make arrangement of required personnel immediately.

**iii) Expiration of Contract:**

Unless terminated earlier pursuant to Clause-21(v) here-in-below, this Contract shall expire when works have been completed and all payments have been made at the end of such time period after the Effective Date as specified.

**iv) Suspension:**

GSECL may, by written notice of suspension to the Consultant, suspend any or all payments to the Consultant hereunder if the Consultant fail to perform any of their obligations under this contract including carrying out of the Services, provided that such notice of suspension shall specify the nature of the failure.

**v) Termination:**

GSECL may, by not less than thirty (30) days written notice of termination to the Consultant in paragraph (b) below, for which there shall be written notice of not less than thirty (30) days, such notice to be given after the occurrence of any of the events specified in paragraphs (a) through (b) of this Clause, terminate this contract:

- a)** If the Consultant fails to remedy a failure in the performance of their obligations under this contract as specified in a notice of suspension pursuant to clause-21(iv) here in above, within thirty (30) days of receipt of such notice of suspension or within such further period GSECL may, by written notice of suspension to the Consultant, suspend any or all payments to the Consultant
- b)** GSECL, in its sole discretion and for any reason whatsoever, has right to terminate this Contract.

**22 PAYMENT UPON TERMINATION:**

Upon termination of this Contract pursuant to appropriate Clause of this tender, the GSECL shall make the following payments to the Consultant after offsetting against these payments any amount that may be due from the Consultant to the GSECL).

Remuneration for Services satisfactorily performed prior to the effective date of termination.

**23 OBLIGATIONS OF THE CONSULTANT:**

**Standard of Performance:**

The Consultant shall always act, in respect of any matter relating to this contract or to the services, as faithful advisers to the GSECL, and shall at all times support and safeguard the GSECL's legitimate interests in any dealings.

**Conflict of Interests:**

Consultant and Affiliates Not to be Otherwise Interested in Project:

The Consultant agree that, during the term of this contract and after its termination, the Consultant and their affiliates, shall be disqualified from undertaking works for the plant/unit/sub-system for which their services are contracted.

**Prohibition of conflicting Activities:**

Neither the Consultant nor their sub-consultants nor the Personnel of either of them shall engage, either directly or indirectly, during the term of this contract, any business or professional activities, which would conflict with the activities assigned to them under this contract.

**Confidentiality:**

The Consultant and their Personnel shall not, either during the term or within two years after the expiration of this Contract, disclose any proprietary or confidential information relating to the Project, the Services, this Contract or the GSECL's business or operations without the prior written consent of the GSECL.

**Consultant's Actions requiring GSECL's prior approval:**

The consultant shall obtain the GSECL's prior approval in writing before taking any of the following actions.

"Any other action that may affect the interest of GSECL."

**24 CONSULTANT'S PERSONNEL:**

**General:**

The consultant shall employ and provide such qualified and experienced Personnel as are required to carry out the services.

**25 OBLIGATIONS OF THE GSECL:**

**Access to Site:**

The GSECL warrants that the consultant shall have free of charge, unimpeded access to all work places in respect of which access is required for the performance of the Services.

**26 FAIRNESS AND GOOD FAITH:**

**Good Faith:**

The parties undertake to act in good faith with respect to each other's rights under this contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

**27. ARBITRATION:**

All questions, disputes or differences whatsoever which may at any time arise between the parties to this agreement touching the agreement or subject matter thereof, arising out of or in relation thereto and whether as to construction or otherwise shall be referred to the decision of the Sole Arbitrator, appointed by the Chairman and MD, GSECL, for that purpose, who shall be a retired High Court Judge or retired District and Sessions Judge, and the decision of the said Arbitrator shall be final and binding upon the parties. Reference to the arbitrator shall be governed by the provisions of the Arbitration & Conciliation Act, 1996 as amended from time to time and the rules made there under.

The Arbitration proceedings shall be conducted at HO GSECL, Vadodara or at such places as the Sole Arbitrator may be determined. The award of Sole Arbitrator shall be final and binding upon the parties.

**28. JURISDICTION:**

All questions, disputes or differences arising under out of or in connection with the Tender / Contract if concluded shall be subject to the exclusive jurisdiction of the court under whose jurisdiction the place from which the tender / Acceptance of tender is issued, is situated.

**29 AGREEMENT:**

Necessary contract agreement shall be executed by successful bidder on a stamped paper of appropriate value at their own cost. The agreement is to be executed for the complete work referring to this work order and shall be signed by an authorized person of your company with seal of the bidder. For this purpose, their authorized signatory shall visit this office on any working day with prior appointment, as some of the documents have to be signed in presence of GSECL officials.

**30 SPECIAL NOTES:**

The term and condition of GT-CAP booklet shall be applicable. However the terms and conditions mentioned in this tender shall supersede the GT and Cap book term and condition. Bidders should agree to GSECL's terms and conditions. If any deviation from the same are found in the offer, his offer shall be rejected.

**31. FACILITIES TO SITE REPRESENTATIVES:**

The Company will provide to the Consulting Engineers all possible & available facilities, data with the Company, which is necessary for carrying out the consulting engineering work as per the specification.

The Company will provide unfurnished available office accommodation at the project site for the consulting engineers personnel at the rate applicable from time to time. Local transport shall be arranged by the Consulting Engineers at their cost.

Unfurnished available residential accommodation with Electricity and water shall be provided at site. Accommodation shall be provided at GSECL's standard rate and water supply will not be charged. However, electricity consumption will have to be paid as per GSECL's rule/ DISCOM rules.

Medical facilities available at site shall be provided on chargeable basis.

Yours faithfully,

**CHIEF ENGINEER (GEN)**  
**C.O, Vadodara**

## **SECTION – B**

Jaws PDF Creator

**EVALUATION  
SCOPE OF WORK**

VALUTAZIONE

EVALUATION

EVALUACIÓN

EVALUATION

## SCOPE OF WORK OF CONSULTANT

**Scope of Work:** Power station wise scope of work is indicated in the Annexure-A attached herewith:

1. Preparation of tender for various Power Stations i.e. Ukai TPS, WTPS, Sikka TPS, KLTPS, Kadana HPS and Utran GBPS.
2. Attend pre-bid meetings and provide clarification, Bid reviews, issue of clarifications and participate bid clarification meeting with the bidders.
3. Attending post bid meeting.
4. Evaluation and finalization of the bids.
5. Awarding of the contract.
6. Approval of drawings, DAP etc and supervision of the work.
6. Performance test & work completion certificate.

Please note that the works of above point No. 1 to 7 are for each power station



# **SECTION – C**

## **SCHEDULES**

**FORMING PART OF THE**

## **TENDER**

**(F1 to F7)**

EVALUATION

EVALUACIÓN

EVALUATION

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Station of GSECL.

### **SCHEDULE – F1**

#### **SCHEDULE OF GENERAL PARTICULARS**

(To be furnished in both parts of the bid)

1. Name of Consultant :
2. Postal address of consultant :
3. a) Telephone No. :  
b) e-mail address. :  
c) Fax No. :
4. Has Earnest Money Deposit been paid? :
5. Is the offer valid for 4 months from the date of opening of price- bid? :
6. Is the tenderer agreeable to pay 10 % Security Deposit in cash or in the form of an Acceptable Bank Guarantee? :
7. Are the quoted prices firm? :
8. If the quoted prices are not firm
  - a) has the basis of price variation been given? :
  - b) has any formula for price variation been given? :
  - c) has any ceiling on price? :
9. Is the tenderer agreeable to the terms of payment stipulated in the tender? :
10. Has the tenderer given experience data called as per specifications? :
11. Has the tenderer filled up the schedule of deviation? :

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED  
REPRESENTATIVE

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Station of GSECL.”

## SCHEDULE - F2

### BIDDERS EXPERIENCE LIST

(To be furnished in Part – I of the bid)

Sr. No.	Name of Consultancy Assignments with address	Order no & date	Details of job scope executed	Scheduled completion period	Actual Completion period & Year	Whether performance certificate attached.
1	2	3	4	5	6	7

Note: Bidder will mention scope of work including work called for under this tender and also enclose copy of all orders executed along with performance certificate describing detailed scope of work rendered by the bidder

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED  
REPRESENTATIVE

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

### SCHEDULE - F3

#### TECHNICAL PERSONNEL QUALIFICATION & EXPERIENCE DATA

(To be furnished in Part – I of the Bid)

Sr. No.	Name of Engineer	Age	Qualification	Position being held	Experience in years	Field of experience	Name of Past Employer	Other assignment allotted in sister concern if any
1	2	3	4	5	6	7	8	9

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED REPRESENTATIVE

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

#### SCHEDULE - F4

##### DEVIATIONS FROM THE DOCUMENTS

(To be furnished with Part – I of the bid)

Sr. No.	Clause No. of Tender Specification	Brief matter of the clause	Scope acceptable to tenderer	Justification
1	2	3	4	5

Note: Bidder will bring out all deviations from the tender documents in this Schedule and any deviation mentioned elsewhere in bidder's offer will not be considered during execution and successful bidder shall execute the order/contract as per the tender without any price implication to GSECL.

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED  
REPRESENTATIVE

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

**SCHEDULE – F 5**

**SCHEDULE OF EXCLUSIONS OF SERVICES**

<b>Sr. No.</b>	<b>Description of Service</b>	<b>Prices</b>
<b>1</b>	<b>2</b>	<b>3</b>

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED  
REPRESENTATIVE

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

**SCHEDULE - F6**

**SCHEDULE OF PRICES**

(To be furnished un-priced with Part -I & priced with Part-II)

Sr. No.	Item	Unit	Prices to be indicated in (Rs.)
1.	Consultancy services for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at our Ukai, Wanakbori, Utran, Sikka, KLTPS, and Kadana HPS Power Stations of GSECL	Job	

Price breakup for each power station should be given. For considering L1 position the sum total of the end cost of a power station including taxes and duties will be considered. The above charges includes all the expenses as mentioned in tender specifications, like personnel services visits, transport charges, cost for collecting required data from outside agencies etc. No extra payment will be made. The above prices shall be firm up to completion of work in all respect.

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S AUTHORISED REPRESENTATIVE

**SCHEDULE – F 7**

**SUB:** Appointing of common consultant for providing Micro-processor based fire detection system and Re-designing of existing fire fighting network including BIS/TAC approval and replacement of underground fire fighting pipeline network at various Power Stations of GSECL.

**(To be furnished with Techno-commercial bid)**

Vendor must fill up below details & should place at the top of the Technical Bid:

1.	<b>Prices: [Firm Only]</b> (Please tick in check box)	YES <input type="checkbox"/>	NO <input type="checkbox"/>
2.	<b>PENALTY TERMS AGREED</b> (Please tick in check box)	YES <input type="checkbox"/>	NO <input type="checkbox"/>
3	<b>SECURITY DEPOSIT TERMS AGREED</b> (Please tick in check box)	YES <input type="checkbox"/>	NO <input type="checkbox"/>
4	<b>DETAILS OF EMD PAYMENT</b>	DD/BG DETAIL	
5	<b>COMPLETION PERIOD</b> (Please tick in check box)	YES <input type="checkbox"/>	NO <input type="checkbox"/>
6	<b>VALIDITY OF THE OFFER AGREED:</b> 120 days from opening of Price bid.	YES <input type="checkbox"/>	NO <input type="checkbox"/>
7	<b>PAYMENT TERMS AGREED</b>	YES <input type="checkbox"/>	NO <input type="checkbox"/>
<b>SERVICE TAX (IN PERCENTAGE)</b> (Please tick in check box and mention the percentage for tax, if applicable)		INCLUDING <input type="checkbox"/>	EXCLUDING <input type="checkbox"/>
		NIL <input type="checkbox"/>	RATE (%):

SEAL OF THE TENDERER

SIGNATURE OF TENDERER'S  
AUTHORISED REPRESENTATIVE



BANK GUARANTEE FORMAT FOR EMD

WHEREAS Messers----- (Name and Address of the firm) having their registered office at ----- (address of firm's registered Office) ( hereinafter called the ' Tenderer' ) wish to participate in the Tender No.-----for ----- ( Consultancy) of -----(Name work) for ----- Gujarat State Electricity Corporation Ltd. ( hereinafter called the " Beneficiary") and

WHEREAS a Bank Guarantee for Rs.----- (Amount of E.M.D.) valid till ----- (mention here date of validity of this guarantee which will be 3 months beyond initial validity of Tenderer's offer), is required to be submitted towards the Earnest Money Deposit by the Tenderer alongwith the tender.

We,----- (Name of the Bank and address of the Branch giving the Bank Guarantee) having our registered Office at ----- (Address of Bank's registered Office) hereby give this Bank Guarantee No.-----Dated-----and hereby agree unequivocally and unconditionally to pay within 48 hours on demand in writing from the Gujarat State Electricity Corporation Ltd. or any officer authorized by it in this behalf any amount not exceeding Rs.----- ( amount of E.M.D.) Rupees.-----) to the said Gujarat State Electricity Corporation Ltd. on behalf of the Tenderer. We,----- (Name of the Bank) also agree that withdrawal of the tender or part thereof by the tenderer within its validity or non-submission of Security Deposit by the Tenderer within one month from the date of tender or a part thereof has been accepted by the Gujarat State Electricity Corporation Ltd. would constitute a default on the part of the tenderer and that this Bank Guarantee is liable to be invoked and encashed within its validity by the beneficiary in case of any occurrence of a default on the part of the Tenderer and that the encashed amount is liable to be forfeited by the beneficiary.

This agreement shall be valid and binding on this Bank upto and inclusive of ----- ( mention here the date of validity of Bank Guarantee ) and shall not be terminated by notice or by change in the constitution of the Bank or the firm of Tenderer or by any reason whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alterations made, given, conceded with or without our acknowledge or consent by or between the Tenderer and the Gujarat State Electricity Corporation Ltd.. NOTWITHSTANDING anything contained hereinbefore our liability under this Guarantee is restricted to Rs.----- (amount of E.M.D.) ( Rupees:----- (in words). Our guarantee shall remain in force till ----- (date of validity of the guarantee).

Place:

Date :

Signature of the Bank's authorized  
Signatory with official seal

CONTRACT AGREEMENT

This agreement is made at BARODA the -----day of -----in the Christian year Two thousand ----- between -----(herein after referred to as "THE CONSULTANT" which expression shall unless excluded by or repugnant to the contract include its successors or permitted assigns) of the one part and the Gujarat State Electricity Corporation Ltd. having their Head Office at Sardar Patel Vidyut Bhavan, Race Course, BARODA – 390 007 (hereinafter called "The GSECL" which expression shall unless excluded by or repugnant to the context include its successors or assigns) of the other part.

WHEREAS the aforesaid GSECL has accepted the tender of the aforesaid consultants for ----- as per GSECL's Order No.----- hereinafter called "the Works" and more particularly described enumerated or referred to in the specification, terms and conditions prescribed in the Order letter, covering letter and other letters and schedule of price which for the purpose of identification have been signed by Shri ----- on behalf of the Consultants and by -----on behalf of the GSECL a list whereof is made out in the Schedule hereunder written and all of which said documents are deemed to form part of this contract and included in the expression " the Works" wherever herein used, upon the terms and subject to the conditions hereinafter mentioned.

AND WHEREAS THE GSECL has accepted the tender of the consultants for the construction of the said works for the sum of Rs.----- (Rupees:-----) upon the terms and subject to the conditions herein mentioned.

NOW THIS AGREEMENT WITNESSES AND IT IS HEREBY AGREED AND DECLARED THAT:--

- (a) The consultants shall do and perform all works and things in this contract mentioned and described or which are implied herein or there from respectively or are reasonably necessary for the completion of the works as mentioned and at the times, in the manner and subject to the terms, conditions and stipulations contained in this contract, and in consideration of the due provision, executions, construction and completion of the works agreed to by the consultants as aforesaid, the GSECL doth hereby covenant with the consultant to pay all the sums of money as and when they become due and payable to the consultants under the provisions of the contract. Such payments to be made at such times and in such manner as is provided by the contract.
- (b) The conditions and covenants stipulated herein before in this contract are subject to and without prejudice to the rights of the GSECL to enforce penalty for delays and / or any other rights whatsoever including the right to reject and cancel on default or breach by the consultants of the conditions and the covenants as stipulated in the general conditions, specifications, forms, or tender schedule, drawing, etc., attached with GSECL's Order No.-----.

The contract value, extent of supply, delivery, dates, specifications, and other relevant matters may be altered by mutual agreement and if so altered shall not be deemed or construed to mean or apply to affect or alter other terms and conditions of the contract and the general conditions and the contract so altered or revised shall be and shall always be deemed to have been subject to and without prejudice to said stipulation.

## SCHEDULE

### List of documents forming part of the contract:

- 1.
- 2.
- 3
- 4.
- 5.
- 6
- 7.
- 8.

In witness whereof the parties hereto have set their hands and seals this day and month year first above written.

1. Signed, Sealed and delivered by :

(Signature with Name, Designation & official seal)

for and on behalf of M/s. \_\_\_\_\_

In the presence of name, Full Address & Signature s. :

i). \_\_\_\_\_  
\_\_\_\_\_

ii). \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Signed, Sealed and Delivered by.

(Signature with Name, Designation & official seal)

For and on behalf of Gujarat State Electricity Corporation Ltd.,  
Vidyut Bhavan, Face Course, BARODA - 360 007.

In the presence of Name, Full Address & Signature:

i) : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(a) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(On stamp paper of Rs.100/-)

**PROFORMA OF BANK GUARANTEE FOR SECURITY – DEPOSIT**

The Bank of -----hereby agree unequivocally and unconditionally to pay within 48 Hours on demand in writing from the Gujarat State Electricity Corporation Ltd. or any Officer authorized by it in this behalf any amount up to and not exceeding Rs.----- ( in words)----- to the said Gujarat State Electricity Corporation Ltd. on behalf of M/s.-----who have entered in to contract for the supply / works specified below.

A/T No.-----dtd.-----

This agreement shall be valid and binding on this Bank up to inclusive of -----and shall not be terminable by notice or by change in the constitution of the Bank or the firm of contractors or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alterations made, given conceded or agree, with or without our knowledge or consent by or between parties to the said within written contract.

(NOTWITHSTANDING anything contained herein before our liability under this guarantee is restricted to Rs.------(Rupees-----)).

Our guarantee shall remain in force until -----.

PLACE: -----

SIGNED -----

DATE -----

## Annexure-A

Power Station	Unit No. / Area	Description of System	Existing Status	Proposed tentative work
Ukai	Unit No.1 to 5	Fire Fighting net work including hydrant line, valves, hoses etc. for lub oil tank and cable gallery.	Not existing.	New fire fighting network is proposed.
	Unit No.3 to 5	Fire Detection and Alarm System	Conventional Type	To be replaced by Micro processor based system
	Unit No.1 to 5	e-Mulsifier systems installed on various Power Transformers	Working manually	Associated works for working system on Auto.
	Common	Foam system for Fuel oil Tanks	Not working properly.	Associated works to put the system in complete working condition.
	Common			Modification required in fire pump house.
Wanchoi	Unit No.1,2 & 3	e-Mulsifier systems installed on GT & UAT	Not working on Auto.	Associated works for working the system on Auto.
Sikka TPS	Unit No. 1&2, Coal Plant & surrounding area etc.	Fire Hydrant system	Underground C.I. Pipes.	Replacement of underground line to above ground.
SIKKA	D.M. Plant, R.O. Plant, P.T. Plant area, 13 KV Switch yard, 66KV Switch yard & Workshop	Fire Hydrant system	No fire hydrant systems are existing at these locations.	New fire hydrant system to be provided.
	Fire pump House	Jockey pump	One jockey pump is existing.	Additional one jockey pump is to be provided as stand by electric jockey pump.
	Unit No.1&2	HVW spray system	Not working properly.	Associated works to put the system in complete working condition.
	Conveyer 9A,9B,4A,4B & Wagon Tripler belt - 1,2&3	MVV system	Existing system is deteriorated & require replacement	New MVW system to be provided & additional fire hydrant points to be provided each tunnel in 9A, 9B, 4A,4B & wagon tippler

Power Station	Unit No. / Area	Description of System	Existing Status	Proposed tentative work
				1,2,3.
Sikka TPS	Fire Pump house	Fire pumps	Not working on Auto Suction inlet in all pump deteriorated	Associated works to put the system in complete working condition on Auto. All suction inlet inside of common sump to be replaced.
	Unit No.1 & 2 Switch yard	Fire Alarm & Detection system	Not in working condition	To be replaced by Micro processor based Fire Alarm & Detection system.
KLTPS	Unit No. 1 to 3	WATER BASED SYSTEM for station building(TG), Boilers, LHP, Plant area, LDO / FO, ESP & other areas. Fire hydrants + monitors	Working manually	Associated work for working the system on Auto.
	Unit No. 1 to 3	HVVS system for Transformers, GT, UAT, ST, UST, SST (HVVS)	Working manually	Associated works for working the system on Auto.
	Unit No. 1 to 2	Cable Gallery (HVVS) with Thermal electric sprinkler system.	Working manually	Associated work for working the system on Auto.
KLTPS	Common	Two Nos. Fire Hydrant Pump Electrical motor driven Horizontal with negative suction depends on external priming.	Working with external priming only it is not reliable for continuous & uninterrupted service	Positive Suction type pump is proposed. Capacity of pumps is to be enhanced or new pumps are to be proposed considering future load based on drawings for new area like Dump Hopper, Reclaim hopper, Feeder breaker, new conveyor N2A & N3A.
		One No. Fire Hydrant Pump Diesel engine driven Horizontal with negative suction depends on external priming		
		One No. Malsiner Fire Pump Electrical motor driven Horizontal with negative suction depends on external priming.		
		Two Nos. Jockey		

Power Station	Unit No. / Area	Description of System	Existing Status	Proposed tentative work
		Pump Electrical motor driven depends on external priming.		
	Unit No.1&2	Fire Detection and Alarm System	Conventional Type	To be replaced by Micro processor based system
KLTPS	Unit No.1 & 2	Manual call points (MCP)	Not in working condition	Associated works to put the system in complete working condition.
	Common	-----	-----	New Fire Alarm and detection system and fire fighting system considering future load based on drawings for new area like Dump Hopper, Reclaim hopper, Feeder breaker, new conveyor 12. & 13.
Utran Gas Power Station	CCPP-I STG	Carbon Di-oxide Flooding system	Conventional type	To be replaced by Micro processor based system.
	CCPP-I	Fire Detection and Alarm System	Conventional type	To be replaced by Micro processor based system
	CCPP-I	Mulsifier systems installed on power Transformers (12 Nos.)	Air sensing line system	To modify to water sensing line System.
Kadana Hydro Power station	Unit No. 1 to 4	Fire detection and Alarm system	No Fire Detection and Alarm system installed.	New micro processor based fire alarm & detection systems to be provided.