

TECHNICAL BID

Tender No: WT – 2526

RFQ No: 26190

TENDER FOR THE WORK

“Cleaning of Front & Rear Condenser Tubes by Bullet Shot Method (Phosphor Bronze Bullet) in 200 / 210 MW (LMW Design) Unit No: 3, 4 & 5 Ukai TPS” during AOH 2013-2014

TENDER NO: WT – 2526
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SUB: “Cleaning of Front & Rear Condenser Tubes by Bullet Shot Method (Phosphor Bronze Bullet) in 200 / 210 MW (LMW Design) Unit No: 3, 4 & 5 Ukai TPS” during AOH 2013-2014.

CE [Generation] invites “On line Tenders” (e-tendering) for the of above subject item/works. 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/www.gseb.com & www.gsecl.in (For view &down load only.) Tender fee may be paid along with submission of tender in EMD cover, for respective tender. “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, THERMAL POWER STATION, UKAI, TA: SONGADH DIST: TAPI. 394680. Super scribing the envelope with Tender No. and Description. “NO COURIER SERVICE OR HAND DELIVERY” will be accepted.

Tender No:	WT – 2526
Estimated Cost of the tender items.	Rs. 6, 13,866.00
Tender Fees Amount (Non-Refundable) By D.D	Rs. 1000.00
Earnest Money Deposit Amount By D.D	Rs. 6,140.00
Online [e-tendering] tender/offer submission last date up to 17:00 hrs only [this is mandatory]	As per NIT Details
Physical receipt of all the relevant documents last date up to 14:30 hrs By RPAD or speed post only	As per NIT Details
Date of opening of tender fee, EMD cover and technical bid physical as well as on line opening at 15:00 Hrs.	As per NIT Details
Tentative date of on-line opening of price bid at 15:00 Hrs. [if possible]	As per NIT Details
Time Limit for completion of Work	18 Months
Security Deposit	05% of contract Order Value within a week on receipt of LOI/Work Order by DD in favor of GSECL
Penalty for late completion	As per GSECL’s rules.

Tender Fee & Earnest Money Deposit will be accepted only Demand Draft on Bank of Baroda, or S.B.I. Ukai, in favor of the Gujarat State Electricity Corporation Ltd. **Cheque or Bank Guarantee will not be accepted** . Right to reject any or all tenders without assigning any reason there of is reserved by the competent authority. Tenders will be received by R.P.A.D. only.

IMPORTANT:

- (1) All the relevant documents as per requirement of the Tender must also be submitted physically along with the Tender Fee in EMD sealed cover so that the same is received in this office on OR before the due date and time. All such documents should be strictly submitted by RPAD / 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 (Schedule-B) on-line only and not to submit the price bid 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. Further if the quantity quoted differs in the any of the technical bid forms and in price bid forms, it is at the discretion of CE Committee/ED Committee –

GSECL to consider the quoted quantity.

- (3) **It is mandatory for all the bidders to submit their tender documents by both forms viz on – line (e-tendering) and physically in schedule time. If tender documents submitted in only any one form, say either by on line or physically, in that case the same tender will not be considered.**
- (4) Any technical questions, information and clarifications that may be required pertaining to this enquiry should be referred to the CHIEF ENGINEER (GEN) , GUJARAT STATE ELECTRICITY CORPORATION , THERMAL POWER STATION, UKAI-394680 , DI-TAPI.

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.

GSECL reserve the rights to accept/reject any or all tenders without assigning any reasons thereof.

Name of Contractor and _____

Full Address _____

- 01 Should the tender be accepted I/We here by agree to abide by and fulfill all the terms and provisions of the tender and contractor for work/supply as applicable and in default thereof to forfeit and pay to the Corporation the sums of money due.
- 02 The full value of the earnest money deposit paid herewith should be absolutely forfeited to the Corporation should I/we not deposit the full amount of specified security deposit.

CHIEF ENGINEER (GEN)
GSECL, TPS, UKAI.

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

THERMAL POWER STATION UKAI DAM – 394 680

PRE-QUALIFICATION CONDITIONS FOR TECHNICAL BID:

1. The bidder shall have an experience of condenser tube cleaning works & who have carried out the work of Cleaning of condenser tubes by Bullet Shot Method using specially designed phosphor bronze bullets during last five years satisfactorily at Thermal Power Station of GSECL, NTPC and Power Generating Station of other Electricity Boards/Corporations. Documentary proof of having executed such work will have to be produced along with quoted enquiry documents. However, issue of enquiry documents to any party will not automatically qualify any party as to its capacity to execute this work. GSECL shall assess the capacity of the contractor at the time of evaluation of bids.
2. Contractor has to produce following documents along with Technical Bid.
 - a. Past executed order copies / Experience certificate of the work carried out for subject work having appropriate amount to estimated tender cost in GSECL, other State Electricity Board and NTPC.
 - b. Copy of separate P. F. Code Number & PAN Number
 - c. Service Tax Registration Certificate.
 - d. Schedule-A, Schedule-B (without quoting rates), Terms & conditions duly signed on each page, deviation if any clearly are brought out as per schedule-C & schedule-D.
 - e. List of Tools & Tackles available for carry out the work.
 - f. Valid labour license held by the party.
3. The offer without any of the above documents or non acceptance of any clause shall be liable for rejection in this regard the decision of CE (G), Ukai, TPS shall be final & binding to bidder.

INSTRUCTION TO BIDDER:

- 01 Earnest Money Deposit @ 1% of estimated cost which will be accepted by crossed demand draft on Bank of Baroda / SBI, Ukai Branch in favour of GSECL. Enquiry submitted without EMD will be accepted, subject to amount of EMD must be paid in DD up to 13.30 Hrs. on the date of opening of the technical bids.
- 02 Each Enquiry duly offered in sealed super scribed with Enquiry No. and due date of opening shall be received by RPAD. The GSECL will not take any responsibility of the Enquiry not received on or before due date of submission by RPAD.
- 03 The undersigned reserves the right to accept / reject any or all Enquiries without assigning any reason thereof.
- 04 Any alteration / addition / deletion will not be considered after opening of Enquiries, unless called for by the GSECL for negotiations.
- 05 Subletting of Enquiry is not permitted, however sub-contracting is permitted with the consent of Chief Engineer (Gen.), GSECL Ukai.
- 06 Party has to submit Technical Bid as well as Price Bid (without quoting rates) separately in separate covers and both covers should be packed in one cover.
- 07 The Enquiries will be opened in the presence of bidders who wish to remain present at the time of date of opening of the tender enquiry.
- 08 Any deviation in techno-commercial condition should clearly mention in schedule-C & schedule-D.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**Chief Engineer (Gen)
GSECL: TPS: Ukai**

**GUJARAT STATE ELECTRICITY CORPORATION LIMITED
THERMAL POWER STATION UKAI DAM – 394 680**

SCHEDULE – A

Name of work: “Cleaning of Front & Rear Condenser Tubes by bullet shot method (Phosphor Bronze Bullet) in 200 / 210 MW (LMW Design) Unit No 3, 4 & 5 Ukai TPS” during AOH 2013-2014.

A. SCOPE OF WORK:

1. Opening & closing of manholes of Front & Rear condenser.
2. Dismantling of metal wire net fitted inside the water boxes before cleaning of tubes and refitting the same after completion of cleaning work. If wire net is required to be replaced by new one, the wire net will be provided by GSECL at free of cost.
3. Cleaning of condenser tubes of Front & Rear condenser by Bullet Shot Method as per standard procedure of bullet cleaning & instruction of GSECL In-charge Engineer.
4. After cleaning of condenser tubes our quality department will check the tubes randomly by visual Inspection / baroscopic test to ascertain the cleanliness of tubes & if scale / debris are found, Party has to carry out re-cleaning of tubes as per the instruction at his own cost and risk. Party has to assist our quality department to carry out the necessary inspection / test for entire job.
5. After completion of condenser tube cleaning, tube leak test / gravity test is to be carried out & if any leakage is observed from the tube; the same tube is to be plugged by contractor and plug will be provided by GSECL at free of cost.
6. Condenser is to be put on jack before filling of hot well for tube leak test / gravity test and after completion of the same test & draining of hot well; de-jacking work of condenser will be done by contractor.
7. Cleaning of debris from condenser water boxes, inlet/outlet pipes.
8. Replacement of Seal Rubber Cord and boxed-up of condenser manhole doors after getting clearance from In-charge Engineer.

B. Cleaning by Bullet Shot Method

The condenser cleaning work to be carried out only after necessary isolation, confirmation from Operation / maintenance staff & as per instruction given by Engr. In-Charge.

1. The cleaning of the tubes shall be carried out by Bullet made from Phosphor Bronze (Patented & imported) suitable for our condenser tubes. Extreme care to be taken during cleaning work to avoid any puncture / damage to the tubes of condenser due to excessively high pressure / impact. Party has to ensure that no bullet is left inside the tubes. Bullets with the carbon steel blades are not used.
2. Party should submit necessary certificate from patented company for supply of Phosphor bronze bullets.
3. Party has to mobilise sufficient number of bullets for complete job in such a way that the bullet is not used more than 10 to 12 times. However party shall be responsible to mobilise desired number of bullet as required completing the job up to satisfaction of GSECL. Bullet to be used for Execution of job shall be inspected by EIC before start work.
4. Party has to use Bullet of m/s conco-USA / SOS-Australia / Premium Tech., PTRAK 28, UAE. and for that party has to produce custom Clearance certificate as a proof of Originality of material.

Party has to submit proof of ownership of having bullet shot method equipment along with Technical Bid.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**Chief Engineer (Gen)
GSECL: TPS: Ukai**

**GUJARAT STATE ELECTRICITY CORPORATION LIMITED
THERMAL POWER STATION UKAI DAM – 394 680**

TECHNICAL TERMS AND CONDITION

01 DETAILS OF CONDENSER TUBES TO BE CLEANED

Material: Cu-Ni 90/10, **No of Tubes per Unit:** 15620,

Tube Size: OD: 30.00mm, ID: 28.00mm, Thickness: 1.00 mm, Length: 10 Meter

02 TIME LIMIT:

The validity of this contract shall be for **18 months** from the date of place of Work Order. **However the Time Limit for completion of work in each unit is 08 days from the date of commencement of the work / date of intimation given in the letter.**

Note: The GSECL reserve the right to extend this work contract for further period of SIX months on completion of contract period and it will be binding to the party. The rates and other terms and conditions will remains same as per original order for the extended period.

03 Contractor shall have to mobilize within 7 days upon instruction to commence the work.

04 No price escalation will be entitled during contract period.

05 Party has to arrange for 'To & Fro' transportation of their man-power at their own cost.

06 INSURANCE AND SECURITY: Contractor shall have to arrange for the insurance for their manpower and equipment during the period of overhauling. GSECL will not be responsible for any loss or damage to contractor's personnel and equipments.

07 CONTRACTOR RESPONSIBILITY: You shall have to assure that the repairs to the equipment covered the scope and will be conducted with the best of skill and know-how with you and the clearances and adjustment set forth in manufacture's drawings/instruction and other information furnished by BHEL. The contractor has to take care for the safe handling of GSECL equipments given to them.

08 UNSATISFACTORY PROGRESS OF WORK: If the work under the contract is found unsatisfactory or not progressing according to the requirements, the GSECL may take such action as deemed fit to see that the work is completed in time at the contractor's risk and cost, including termination of contract.

09 PAYMENT TERMS: Payment shall be made as per actual work carried out as per schedule-B & foot note Sr.No.1 & 2 of schedule-'B'. However party is entitle to produce the Bill partially & payment will be made by running account bills as per actual work done only.

10 SECURITY DEPOSIT: The successful Bidder will have to pay Security Deposit **05%** of the order value within 07 days from the date of intimation of acceptance of offer.

The bidder shall commence the work on intimation to start the work, failing which the SD shall be forfeited and contract will be treated as cancelled. The amount of Security Deposit will be refunded after satisfactory completion of work and after deducting any dues of the Company.

11 AGREEMENT: As per GSECL's rules, the successful Bidder shall have to enter in to an agreement with the GSECL on stamp paper of appropriate value Rs. 100/- in the prescribed form within one month of receipt of this A.T. or before starting the work. The cost of the stamp fee shall be born by contractor.

12 PENALTY: The above said works is to be completed as per schedule 'B' within specified time limit by contractor, failing which the penalty at the rate of 0.5% of the contract value per week to the extent of 10% of contract value will be levied and will be recovered from the party's bill.

13 STATUTORY VARIATION: Any statutory increase or decrease in the taxes and duties subsequent to your offer if it takes place within the original contractual delivery date will be paid / recovered subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to pass on to the GSECL.

14 DISPUTE: In case of any dispute, the decision of the Chief Engineer, GSECL, UTPS shall be final and binding to the contractor. The GSECL reserves the right to split each item in to more than one agency and place the order accordingly. All parties should therefore, carefully evaluate and fill up the

rate, keeping themselves ready to execute order for any one item or more, allotted to them by the GSECL.

- 15 **CLEANLINESS:** The contractor is responsible to keep the work area cleaned day to day. No separate payment shall be made for keeping the work area clean. However an additional penalty on delays at 2 % of the total value of work executed shall be levied, if the contractor fails to keep the work area clean and at least three warnings shall be issued to the party by GSECL In-charge Engineer in this regard.
- 16 **VALIDITY:** The tender shall remain open for acceptance for a period of at least **120 days from the date of technical bid opening**. The date of price bid opening will be intimated by Company.
- 17 **OH & S Management System Requirement:** It is to be noted that GSECL, Ukai TPS is establishing and implementing Occupational Health & Safety Management System complying with OHSAS 18001:2007.
“You as a part of the GSECL Ukai team and as defined by the scope of mentioned standard, all contractors are required to comply with and participate to prevent the occupational Health and safety hazards and risks including observation of safety rules. Further you are also to comply with all applicable legal requirements while executing the work, in case the job is assigned to you.”
- 18 The contractor representatives, having thorough knowledge of such type of job work & shall remain present during overhauling and commissioning activities.
- 19 The contractor will have to execute an indemnity bond on non-judicial stamp paper of Rs. 100/- prescribed format after receipt of the order. The cost of the stamp fee shall be born by the contractor.
- 20 The tender with specifications, schedules, drawings and the contract booklet is to be signed by the contractor which will form part of the contract, subsequent correspondence shall be deemed to be part of the contract.
- 21 **The following facilities will be provided by GSECL, TPS, Ukai**
 - a. Electricity, Water and service air at single point nearer to work site.
 - b. Workshop facility for machining/modification work only that may be possible in the workshop.
 - c. Open space/plot area for storing the spares & site office purpose.
 - d. EOT crane with operator will be provided at free of cost.
 - e. Medical facility will be provided by GSECL on chargeable basis.
- 22 **Contractor has to arrange accommodation for their crew. (Due to non – availability of Guesthouse / Quarters) at GSECL Colony.** However if available, it will be issued on chargeable basis as per GSECL Norms.
- 23 GSECL will be provide Rubber Cord, Plugs, Tie Rods & Bolt – Nuts as per requirement at free of cost.
- 24 All the necessary tools, tackles required for this work is to be arranged by party in sufficient quantity at his own cost.
- 25 Arrangement of necessary scaffolding is to be carried out by the party at his own cost. Scaffolding pipes, wooden planks etc. shall be given by GSECL free of cost; however it is contractor's responsibility to collect the same either from Main Store or Tool Room or other departments of the TPS. After completion of work same shall have to be credited.
- 26 Party shall have to arrange all consumables like Phosphor Bronze Bullet, wire brushes, welding electrodes, paints, grinding wheels, welding m/c, welding accessories, gas cutting equipments, drilling m/c, grooving m/c, scrappers, painting brush, oxygen and acetylene gas, etc. at his own cost.
- 27 Contractor has to arrange for 24 v bulbs for lighting arrangement inside the condenser Along with 24 V transformer holders and cables.
- 28 Contractor has to handle the GSECL equipment / tools / tackles carefully otherwise the cost of damage / shortage will be recovered from the party's bill.
- 29 All safety precautions are to be taken by the contractor for safety of their personnel & nearby equipments. GSECL will not be held responsible in any way for accident/damage to the personnel as well as equipment of contractor.

- 30 All the works or any activity which is required to complete the specific job of this tender & not mentioned in this tender is also in the scope of the contractor & he has to carry out the same at free of cost in the quoted rates only.
- 31 Party will have to observe all labour law in existence & may come into force from time to time.
- 32 If required, party shall have to complete the work within stipulate period by engaging adequate resources.
- 33 General Terms & Conditions are as per attached sheet.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**Chief Engineer (Gen)
GSECL: TPS: Ukai**

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

THERMAL POWER STATION UKAI DAM – 394 680

GENERAL TERMS AND CONDITIONS:

- 01 The 'contractor' means the documents forming tender and the subsequent agreement that may be entered in to.
- 02 The general rules and regulations of the Corporation for tender and contract for works will apply to the extent the same are not modified herein. Any other rules and regulations, conditions etc. that are in force at present and that may be framed by the Corporation from time to time in connection with contracts will be binding and acceptable to the contractor.
- 03 Sub-letting or transfer of contract without prior written approval of Corporation will be treated as a breach of contract and it will be punishable by forfeiting the security deposit as well as termination of contract.
- 04 The successful bidder will have to pay total 05% of the order value as Security Deposit.
- 05 The contractor shall hold the Corporation indemnified against and in respect of any claim(s) arising out of injury to any person(s), loss of life, workman's compensation and any other third party claims whatsoever. The contractor shall be responsible for any damages to any property of the Corporation due to negligence of the contractor on his employees. The Corporation will be entitled to recover the damages from the contractor and it shall be final and binding to the contractor.
- 06 The successful tenderer /contractor will have to enter in to an agreement with the company and the cost of the stamped paper will be borne by the contractor. The contractor will also have to execute an Indemnity bond on required value of stamped paper as per Corporation's rules. The cost of the stamped paper will be borne by the contractor.
- 07 **Arbitration Clause:** All questions, disputes, OR difference, whatsoever which may at any time arise between the parties to this contract in connection with the contrary OR any matter arising out of OR in relation thereto, shall be referred to the Gujarat Public Works Contract Dispute Arbitration Tribunal as per the provisions of the Gujarat Public Works Contract Dispute Arbitration Tribunal Act, 1992."
- 08 The party shall strictly observe all the Labour laws and Factory acts in existence and amendments made from time to time.
 - i. Party shall have to strictly observe all safety rules as per Factory Act-1948 and whatsoever amendments made from time to time to avoid any chances of accidents. Contractor shall have to strictly follow the instructions of safety office.
 - ii. The safety precautions issued vide this office circular No: CCUT/Safety/4/90/CIR-345A dated 14/12/1990 is applicable to this contract also and to be followed strictly.
- 09 Before starting the contract, it is advisable that party should have the documents for insurance of workers.
- 10 The work shall be completed within stipulated time. If required, party will have to work round the clock to maintain the work schedule.
- 11 Payments shall be made as per actual work done only.
- 12 The contractor shall have to take all necessary precautions to avoid fire during cutting, welding etc. In case of any smoldering fire, the same should be extinguished by contractor immediately using their own labour, tools, water and buckets etc.

- 13 An authorized are technically qualified representative of the contractor must be available at site while the work is going on. The address of the representative should be submitted to this office so that party can be contacted whenever required in connection with execution of the work.
- 14 The contractor, if desires can see the plant and site of work with permission of under signed on any working day during working hours.
- 15 Party has to carry out work at site only.
- 16 After completion of work, working area and surrounding area should be made clean by removing M.S. debris & all types of scrap etc. Scrap should be credited to main store only and it should be dumped at place shown by E.E. (Store).
- 17 **After completion of contract work the work completion certificate is required to be produced before the DGM / IRO for the purpose of no dues certificate and cancelation of gate passes issued to the contractors work men at the time of execution of the contract work.**
- 18 The contractor shall quote only in single percentage of rate above or below the estimated rates i.e. contractor should quote either say percentage above estimated cost for the item or say below the estimated cost for the item detailed at schedule-B.
- 19 The tenderer / contractor shall have to submit their own P.F. Code number if allotted by RPF Commissioner/P.F. Authority. In case the P.F. Authority has not issued/allotted P.F. Code number to you then you shall have to comply with the provision of the P.F. Act and submit the P.F. Contribution of your Employee and Contribution of yourself to the P. F. Trust of the Corporation. All the employees engaged by you will be covered under P.F. Act. and if you are denied the separate P. F. Code number by the P.F. authority than you will have to submit the P.F. Contribution along with administrative charges to GSECL P.F. Trust without fail. If you will not comply with this condition the final bill will not be released.
- 20 Income Tax will be deducted as per prevailing rate.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**Chief Engineer (Gen)
GSECL: TPS: Ukai**

SCHEDULE - C

SCHEDULE FOR DEVIATIONS FROM TECHNICAL SPECIFICATIONS

(To be furnished with Part-I of Bid)

All deviations from the specifications shall be filled in by the Bidder in the schedule.

Sr. No	Reference	Deviations	Justifications

It is hereby certified that the above mentioned are the only deviations from technical specification of the enquiry.

Signature:

Name:

Designation:

Name of the firm:

Date:

Seal of Company

SCHEDULE – D

SCHEDULE FOR DEVIATIONS FROM GENERAL & TECHNO-COMMERCIAL TERMS CONDITIONS

(To be furnished with Part-I of Bid)

All deviations from the general & Techno-Commercial Terms & Conditions shall be filled in by the Bidder in the schedule.

Section	Specification No.	Clause No.	Deviations

It is hereby certified that the above mentioned are the only deviations from General Terms & Conditions of the contract.

Signature:

Name:

Designation:

Name of the firm:

Date:

Seal of Company

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

THERMAL POWER STATION UKAI DAM – 394 680

Terms and Conditions regarding Industrial Laws and other related matter.

- 1.1 Wages to be paid and time of payment etc. by the contractor.
- 1.2 The contractor shall pay minimum of wage per day as prevailing as may be specified here after or rates fixed under the minimum wages act. Whichever, is higher the wages of every contract labour employed by him under the contract shall be paid by him before the expiry of 7th day of the latest day of the month in respect of which the wages are payable (i.e. wages of a month to be paid by him are in the 1st week of the next month.) The payment shall be disbursed in the presence of management Representative during the working hours in factory premises and the contractor shall get the entries certified of the wages by the representative of the Corporation default will result in cancellation of contract forthwith or else the contractor shall be punishable to the extent of Rs. 400/- fine per each day.
- 1.3 The contractor shall give his telephone number and address to the Corporation so that in case of labour trouble etc. The contractor can be contacted. The contractor shall arrange to have his office outside the factory premises and the contractor keeps himself present throughout the working hours." As a contractor you will be responsible and liable to pay difference in wages if any and if observed the revised service condition that may be awarded by the honorable industrial tribunal effective from the date directly in the Award. "

02. LABOUR LAWS:

- 2.1 Person below the age of 18 years shall not be employed for the work.
- 2.2 No female worker shall be employed in the Night shift between 7-00 p.m. to 6-00 a.m.
- 2.3 Contractor shall maintain a valid labour license under the contract labour (Regulation & Abolition) Act for employing necessary manpower to be required by him. In the absence of sub license to contract shall be liable to be terminated without assigning any reasons thereof.
- 2.4 The contractor shall at his own expense comply with all labour laws and keep the Corporation indemnified in presence thereof. Some of the major liabilities under various labour and industrial laws which the contractor shall comply with are as under:-
 - 2.4.1 Payments of contribution by way of an employer's contribution towards provident fund, family pension scheme, deposit linked insurance scheme, Administrative charges etc. at the rate made applicable from time to time by Govt. of Gujarat, Govt. of India or other Statutory Authorities.
 - 2.4.2 Payment of deposit in respect of each contract labour at the rate of Rs. 30/- with the office of Commissioner of Labour as per the contract labour (Regulation & Abolition Acts.)
 - 2.4.3 License Fee as prescribed under the contract labour (Regulation & Abolition) Acts & Rules framed there under or depending upon the number of workmen employed by the contractor.
 - 2.4.4 Paid leave facility and wages as per the provision of the Factories Act the rate of one day for every twenty days of working.
 - 2.4.5 Identity cards as prescribed under the Factories Act with photo affixed there to, the same for identification.
 - 2.4.6 Payment of retrenchment compensation, notice pay and other liabilities as per industrial dispute Act. Payment to the contractor's employees arising out of plain or dispute under the Industrial Dispute Act-1947 or any other labour laws.
 - 2.4.7 Payment of compensation in case of accidental injury.

The above are some of the major liabilities of the contractor in addition to other liabilities prescribed under the various labour laws in force from time to time from statutory authorities like Govt. of Gujarat, Govt. of India which the contractor shall have to comply with.

3. PROVIDEND FUND AND FAMILY PENSION SCHEME:

The contractor shall submit along with his bill (month wise) a statement regarding deductions against employees provident fund and family pension scheme at the rate of 8.35 % (or at the rates made applicable by the Government from time to time) of the wage. The contractor's contribution and his workers contribution towards provident fund family pension scheme shall be deposited by the contractor with Regional Provident Fund Commissioner, Ahmedabad.

4. DEPOSITE LINKED INSURANCE SCHEME:

The contractor shall have to deposit ½ % of the wages in respect of employees who is member of the provident fund contribution of the deposit linked insurance scheme with Regional Provident Fund Commissioner, Ahmedabad.

5. ADMISTRATIVE CHARGES:

Administrative charges for maintaining provident fund account shall be deposited by the contractor with Regional Provident Fund Commissioner, Ahmedabad at the rates applicable.

6. PAID LEAVE FACILITY:

Paid leave facility at the rate of one day for every twenty days worked by the contract labour shall be provided by the contractor to his workers. He shall maintain leave records/leave and for individual labourer which shall be duly verified and approved/certificate by the authorized office or the Corporation.

7. WORKMEN'S COMPENSATION FUND AND EMPLOYER'S LIABILITY: INSURANCE:

The contractor shall cover all his employees under workman's compensation fund and under the liability insurance.

8. The contractor shall employees adequate number of experienced staff at site for daily supervision and for maintenance of various registers and records required under the laws and contract No. Payment for supervision shall be admissible.

9. CONTRACTOR TO INDEMNIFY THE CORPORATION :

The contractor shall identify the Corporation and every member, Officer and Employees of the Corporation ,all Engineers in charges and his staff against all action, providing claims demand costs and expensed what-so-ever, arising out of connection with the matters referred in clause 15 & elsewhere and against all actions, preceding claims, demands, costs and expenses which may be made against the Corporation of Govt. for or in respect of arising out of any failure by the contractor in the performance of obligation under the contract document. The Corporation shall not be liable for or in respect of or in consequent of any accident or inquiry in any workmen of other person in the employment of the contractor or his sub-contractor, and the contractor shall indemnify and keep indemnify all claims demands proceeding costs charges and expenses what-so-ever in respect thereof or relation thereof.

10. WORKMEN COMPENSATION & EMPLOYERS LIABILITY INSURANCE :


Insurance shall be affected for all contractors' employees engaged in the performance of this contract. If any of the work in subject, the contractor shall require the sub-contractor provided workman's compensation & employer's liability insurance for the letter's employee unless are covered under the contractor's insurance.

11. The Corporation reserves the right to terminate this contract at any times during its tendency without giving notice of termination or any reasons thereof.

12. The Corporation will be entitled to deduct directly form the bills to be paid to the contractor any sum or sums payable by you and which sum/sums the Corporation is required to pay as a principal employee on account of your default in respect of all liabilities referred to in above clauses.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**CHIEF ENGR. (GEN)
GSECL: TPS: UKAI:**

UTP – SAFETY - 001	REV:00	15/12/2008	Ukai - TPS
“GENERAL SAFETY RULES / NORMS” TO BE OBSERVED BY THE CONTRACTORS			

All the contractors working at Ukai Thermal Power Station shall have to strictly observe the following Safety Rules. The Contractors shall be responsible for informing & observing these rules by their supervisors / employees / labours as well as the supervisors / employees/ labours of their sub-agencies / sub-Contractors engaged, if any. Prior to commencement of the work, Contractor shall have to submit a written assurance on their letterhead to the concerned Sectional Head / Engineer-in-charge that they have thoroughly gone through these Rules, have educated their employees / employees of their sub contractor and will strictly observe the said Rules while execution of work under work contract awarded to them. They will have to indemnify the Corporation for any loss or damage / accident / injury to the Corporation's property / employee or employee of their own in default of non - observing these rules.

- 01** Persons to be employed for carrying out the work shall possess required qualification, be fully trained and conversant for works to be done. All persons should have gate pass. Register consisting the full details (i.e. address, phone no, details of nearest relative, etc.) of all persons is to be maintained. During the work execution, one trained & competent supervisor should always remain present at site.
- 02** The contractor shall take all the required safety measures prior to commencement of work on dangerous substances, machineries or area at which cautionary notice is displayed and obtain — Line Clear“ or —Work Permit“ through the concerned Department / Section.
- 03** Prior to carrying out welding, gas cutting, furnace heating or any other hot work job, the contractor shall remove all the inflammable material lying at or nearby worksite or cover it properly by suitable protective covering. Also, special care shall be taken before carrying out such job & see that all possible contributing factors to set fire shall be removed / vanished prior to commencement of the work. Advance intimation shall be given to concerned section / fire section to commence the work in fire prone areas. They should also keep ready all the First Aid Fire Extinguishers / equipments & fire extinguishing media / material like sand / water buckets or other appropriate equipment at such place.
- 04** While carrying out work in confined space or inside vessel, the contractor shall obtain necessary —Confined Space / Vessel Entry Permit“ from concerned department prior to commencement of the work.

For lighting in such areas, only 24-volt (ISI certified & with proper guard) hand lamp shall be used.

For taking care of the persons working inside the confined space / vessel, a supervisor / person capable to keep continuous watch on person(s) working inside, assist them incase of emergency or arrange to get immediate outside help, shall remain present at entry point and shall use full body safety belt without fail.

While working inside sewage, trench or in-depth, a person to warn outsiders / entrants / passers etc shall remain available near entry point or the entry point shall be cordoned by a barricaded tape with a cautionary notice. After completion of the works, all the lids / covers / grills / grits opened, shall be re-fixed / re-placed in the original position as it were prior to commencement of the work and leave the work place in safe condition in all respect, so as to prevent accident to fellow workers.

- 05** The contractor shall see that he / his persons do not block (by stacking material, spare parts, tools-tackles, equipments etc), any passages / walkways / gangways / aisles / staircases / ladders / lifts or any other approaches / roads leading to plants or its auxiliaries, on which there is a traffic movement or possible traffic movements in case of emergency. Such passages are meant for safe escape in the event of emergency. If it is utmost necessary to carry out work in such area with blocking of passage, prior permission of Competent Authority or the Engineer-In-Charge shall be obtained. To demarcate / declare the area as UNSAFE, cordon it using barricading tape & display suitable caution notice or keep a person to restrict / divert the traffic on this route through other safe passage.

- 06** Prior to use power / electrically operated hand tools / equipments / machines / gadgets like welding machine, hand grinder, hand drill etc, ensure for its safe operation & use it only if it is found safe to use. Do not use defective, unsafe or improperly maintained equipments. The electrical power supply required to run such equipments shall not be taken directly at their own but shall be obtained through concerned Electrical Maintenance Departments or their authorized persons or under their observations / guidance only. The Electrical Section shall provide temporary electrical connection up to contractor's Mains Board on which it is compulsory to install mains switch, ELCB & fuses of adequate capacity. All such equipments shall invariably be earthed adequately to prevent electrical shock, sparking, short circuit etc. Power cord to be used shall be of adequate capacity, without any joint & shall consist of earth wire also. Hence, it is necessary to use adequate capacity 3-wire power cord for single & 5-wire power cord for three phase power connections. The plugs, receptacles, pins, holders etc shall be of adequate capacity & safe to use. All electrical & mechanical equipments / tools-tackles viz. welding machine, cutting machine, Grinder, Drill, Chain Pulley Blocks, Hook chooks etc required to be used during work execution shall be of standard make & bear ISI certification mark on it. The consumables like welding electrodes, grinding wheels / discs etc which has specific prescribed life span shall not be used in any case if its expiry date is over.
- 07** It is compulsory to use standard make Personal Protective Equipments (P.P.Es.) as per the job requirement. Do not work without use of required P.P.Es. Contractor is responsible to provide standard make (ISI approved) Personal Protective Equipments / Safety Gadgets suitable to give sufficient protection against hazards involved in their work / job to their staff, as per the job requirement and insist / enforce their staff to put on the same while at works. The ongoing work is liable to be stopped at any time if the contractors' staff is found working without P.P.Es. Following is the list of various P.P.Es. to be used for various works / worksites.

List of safety equipments

01	Industrial Safety Helmet	For protection of head against falling objects or during fall of person from height.
02	Safety Goggles (Grinding, Welding, etc).	For protection of eyes against flying particles / dust, chemical splash, spark, arc, flashover etc.
03	Face shield (Half or full).	For protection of face against flying particles / dust, chemical splash, spark, arc, flashover etc.
04	Earplug / Ear muff	For ear / hearing system protection while working in high noise level area.
05	Apron (Rubber / PVC / Asbestos / Leather / Cotton).	For body protection against chemicals, oils, sharp edged objects, heat, hot objects etc
06	Gloves (Rubber/PVC, Asbestos, Leather, Electrical shock proof).	For protection of hands against chemicals, oils, sharp edged objects, heat, hot metals/objects, electricity etc.
07	Safety / Leather / Asbestos shoes, Gum Boots etc.	For protection of leg/feet against falling objects, sharp edged objects, heat, hot metals/objects, electricity etc.
08	Safety Belt(full body) / Rope / Life line / Fall prevention system etc.	For fall prevention while working at heights or in depth, working in vessel or in confined space.
09	Dust Respirator / Scarf.	Protection of respiratory system against dust.
10	Chemical Cartridge Respirator	Protection against chemical fume / vapor etc.
11	Canister Gas mask.	Protection against toxic/poisonous fumes/gases.
12	Air supply respirators	Working in oxygen deficient zone.

- 08** Before using lifting machines / tackles (like C.P.Bs., Hook chooks, winch, forklift, mobile crane, EOT crane etc) & its attachments (like D-shackles, slings, U-clamps, Eye bolts or any fixtures), it shall be checked and used only if found safe to use. Also, ensure that these are tested, examined & certified in form no 9 / 10 by Competent Person as per the Factory act-1948 and its validity is not expired. Further, it shall be fixed properly and firmly prior to lifting the weight.
- 09** Scaffoldings to be used for working at height shall be of adequate size & capacity. Obtain the work permit when working at height. While climbing on such scaffolding or working on any

structure at height, use of full body safety belt & Helmet is compulsory. It is also necessary to fasten chinstraps of the helmet.

- 10 Contractor or their employee shall not interfere in day-today routine plant activities / works except the work assigned to them, shall not loiter in the areas other than their work jurisdiction, as well as shall not temper / operate / touch the machineries / equipments / auxiliaries with which they are not concerned. Also, the contractor shall strictly instruct their staff not to sit or take rest at / near / below running plants, auxiliaries, systems or any place which is risky, hazardous & prone to accident.
- 11 The cylinders containing poisonous / toxic or inflammable / explosive gas like Oxygen, Acetylene, LPG, Hydrogen, Ammonia, Chlorine, CO₂ etc shall be handled safely taking due care. To handle / shift such cylinders a special trolley / cage meant for it must be used but in no case it should be rolled. Domestic LPG cylinder shall not be used / permitted.
- 12 On completion of the work, cotton waste, spilled oil / grease, pieces of welding rod & other waste material shall be removed from work site and the area shall be left safe, neat & clean.
- 13 In case of any injury / accident while working, it shall immediately be reported to Safety Department through concerned Sectional Head / Engineer. The prescribed Form No. 21 may be obtained from concerned section or Safety Officer.
For any incident occurred but have no injury to any persons should also be informed to Safety Officer as —Near Miss Incident.“
- 14 In all risky jobs, before starting the work, contractor should obtain General Safety Work Permit from concerned section well in advance.
- 15 In case of noticing smoke or fire during their work execution, they shall make immediate efforts to extinguish / control it and simultaneously inform the Fire Brigade on phone No. 4444 or 4344 or 5555 or 02624-290049, shall shift the casualty to nearby hospital after rendering first aid in case of accident.
- 16 Over & above these, contractor shall have to follow all the safety requirements / rules & regulations / norms and legal provisions laid down in various statutes, particularly the provisions of The Factories Act-1948 & The Gujarat State Factories Rules-1963 (Amended up to date) shall be followed strictly. The contractor shall also obey the rules / regulations / instructions of the local Competent Authority for safety requirements.
- 17 No women or young person shall be allowed to clean, lubricate or adjust any part of a prime mover or of any transmission machinery while the prime mover or transmission machinery is in motion. Examination or operation of motion machinery shall be made or carried out only by a specially trained adult male worker wearing tight fitting clothing as per section 22 of factories act 1948.
- 18 No women or young person shall be employed or permitted to work in Lead-compound area like battery room etc. as per schedule VI of GFR 1963.
- 19 All the relevant labour and industrial laws shall also be followed compulsorily.
- 20 It is felt necessary to deploy safety officers / Safety supervisors by contractors / Agencies involved in carrying out hazardous activities / operations inside TPS to have better and constant supervision in terms of Health Safety and Environment activities.
- 21 In case, it comes to the notice of GSECL UTPS management that the safety guidelines / safety rules / safety norms are not being followed then a minimum sum of Rupees One Thousand shall be penalized on the contractor / Agency and for subsequent such violation, a severe penalty / action as deemed fit shall be imposed, which may please be noted.
- 22 The above rules shall be scrupulously followed and where required, they may contact the Safety Officer for any ambiguity / further guidance in this regard.
- 23 For performance evaluation of contractor, safety factors of work accident, fire incident & near miss accident will be considered. Steps can be taken to review the job assignment up to cancellation for negligence.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**CHIEF Engineer (Gen)
GSECL: TPS: Ukai:**

ANNEXURE

Name of work: Removal & Replacement of Condenser Tube in 200/210 MW (LMZ Design) Unit No:
3, 4 & 5 Ukai TPS during AOH.

On Firm's Letter Head

CERTIFICATE – “A”

I / We _____ authorized signatory of
M/s _____ here by certify that
M/s _____ is not related with other firms
who have submitted tenders for the same items under this inquiry / tender.

Seal of the Firm

Place:

Date:

Signature of the Tenderer
With Designation

INTEGRITY PACT

OUR ENDEAVOUR

To create an environment where Business Confidence is built through Best Business Practice and is an atmosphere of trust and respect between providers of goods and service and their users for the ultimate benefit of society and the nation.

Sr. no	GSECL'S COMMENTS	THE BIDDER'S COMMENTS
1	To maintain the high ethical standards in business and professions	Not to bring pressure recommendations From outside GSECL to influence its decision.
2	Ensure maximum transparency to the satisfaction of stakeholders	Not to use intimidation, threat, Inducement or pressure of any kind on GSECL or any of its employees under any circumstances.
3	To ensure to fulfill the terms of agreement / contract and to condenser objectively the viewpoint of parties.	To be prompt and reasonable in fulfilling the contract, agreement, legal obligations.
4	To ensure regular and timely release of payment on due dates for work done.	To provide goods and/or service timely as per agreed quality and specifications at done minimum cost to GSECL.
5	To ensure that no improper demand is made by employees or by anyone on our behalf	To abide by the general discipline to be maintained in our dealings.
6	To give maximum possible assistance to all the Vendors / Suppliers / Service Providers and others to enable them to complete the contract / job successfully in time.	To be true and honest in furnishing information.
7	To provide all in formations to Suppliers / contractors relating to contract / job which facilitate him to complete the contract / job successfully in time.	Not to divulge any information, business details available during the course of business relationship to other without the written consent of GSECL.
8	To ensure minimum hurdles to Venders / Suppliers / contractors in completion of agreement / contract / work order.	Not to enter in to carter / syndicate / understanding whether formal / non-formal so as to influence the price.

Seal & Signature
(GSECL's Authorized Signatory)

Name:
Designation: Chief Engineer (Gen.)

Seal & Signature
(The Bidder's Authorized Signatory)

Name:
Designation:

PRICE BID

Tender No: WT – 2526

RFQ No: 26190

TENDER FOR THE WORK

“Cleaning of Front & Rear Condenser Tubes by Bullet Shot Method (Phosphor Bronze Bullet) in 200 / 210 MW (LMW Design) Unit No: 3, 4 & 5 Ukai TPS” during AOH 2013-2014.

Please submit price bid duly signed & stamp (without stating above/below rates) along with Technical Bid.

GUJARAT STATE ELECTRICITY CORPORATION LIMITED
THERMAL POWER STATION UKAI DAM – 394 680

Tender No: WT – 2526

RFQ No: 26190

SCHEDULE – B

Name of work: “Cleaning of Front & Rear Condenser Tubes by Bullet Shot Method (Phosphor Bronze Bullet) in 200 / 210 MW (LMW Design) Unit No: 3, 4 & 5 Ukai TPS” during AOH 2013-2014.

Name of Party:

Sr. No.	Description	Quantity in Nos	Rates in Rupees.	Total Estimated Cost in Rs.
1	Cleaning of Front & Rear condenser tubes of 200/210 MW (LMW Design) Unit No: 3, 4 & 5 by Bullet shot method using specially designed phosphor bronze bullets. Tube Size: ID-28 mm, OD-30 mm & length-10.2 meter, Nos of Tubes per Unit: 15620	46860	13.10/-	6,13,866/-
Total estimated cost in Rs (Exclusive service tax)				6,13,866/-
In word: Rupees Six Lacs Thirteen Thousand Eight Hundred and Sixty Six only (Exclusive Service Tax)				

My offer is _____ % higher or _____ % lower (% age should be written in figure as well as in words.) than above stated estimated rates for the items of schedule - B.

Note:

- (1) The rates are exclusive of Service Tax. Service tax at prevailing rate will be paid by GSECL on production of paid challan. Service tax will be paid if the same is claimed in the invoice.
- (2) Other taxes as applicable shall be clearly mentioned in this Schedule B.
- (3) The Payment will be made as per actual work only.

**SIGN OF CONTRACTOR
WITH SEAL AND DATE**

**Chief Engineer (Gen)
GSECL: TPS: Ukai:**