

**REQUEST FOR QUOTATION (RFQ) / INQUIRY
REPAIRING / RE-CONDITIONING OF COAL PIPE (LONG AND SHORT BEND RADIUS)
@ KMPCL, CHHATTISGARH**

REPAIRING /RE-CONDITIONING OF COAL PIPE (LONG AND SHORT BEND RADIUS)	
Plant: 6x600 MW KSK Mahanadi Thermal Power Plant (TPP), Chhattisgarh	
Company Name: KMPCL	RFQ / Inquiry No: 2024-25/KMPCL/HYD/362
Location: Janjgir-Champa Dist. Chhattisgarh	Revision - 0
	Dated: 21-02-2025

1.	Scope of Work	As per the attached Annexure - 1
2.	BOQ	As per the attached Annexure - 2
3.	Last date of Submission of offer	Within 10 days from the date of receipt of Inquiry.
4.	Working Period	
	a. Duration of Work	Duration of the Work shall be from the date of handover of Equipment – 180 Days
	b. Mobilization	At least 5 Days prior to the schedule of start of work.
	c. Date of Start of Work	Shall be informed during finalization of work
	d. Notice to Proceed	Shall be intimated 7 days in advance from the date of Start of work.
	e. Completion of Work	Within 180 days from the date of start of work
	f. Validity of Work	One Year (as Standard)
6.	Payment Terms	100% upon completion of works within 30 days upon submission of Commercial invoice duly certified by EIC & Plant Head.
7.	Correspondence Address for Inquiry	KSK MAHANADI POWER COMPANY LIMITED 8-2-293/82/A/431/A, Road No. 22, Jubilee Hills, Hyderabad – 500033, Telangana. (Offer Submission) Contact: Mr. GS Bajwa – 7728888516 Email: gurpreet.b@sk.co.in , contracts@sk.co.in
8.	Site/ Works Address	KSK MAHANADI POWER COMPANY LIMITED (KMPCL), Nariyara Village, Akaltara Tehsil, Janjgir - Chempa Dist - 495556, Chhattisgarh.
9.	Special Note	Please attach stamped and signed copy of all the inquiry / RFQ documents along with your offer.

- A. SCOPE OF WORK:** As per the attached Annexure - 1
- B. BILL OF QUANTITY (BOQ):** As per the attached Annexure - 2
- C. QUALIFYING CRITERIA (EXPERIENCE):**
1. Bidder should have carried out similar jobs in 500MW & Above Units and relevant WO Copies should be submitted prior to finalizing the order.
 2. Bidder should possess minimum 5 years of experience in same type of work and should submit relevant work order copies of the same.
 3. Bidder's list of tools & tackles and measuring equipment should be submitted for KMPCL review to perform the job without any discrepancy in order to gain the level of confidence.
 4. Qualified Bidder should have their own quality control system and relevant quality plan has to be submitted and get it approved by KMPCL prior to start the repair work.
 5. Bidder should submit documents supporting the safe working hours executed during the period of the contract.
 6. Bidder shall also submit documents supporting the number of workmen engaged during the period of contract.
 7. Bidder should have experience in adherence to the schedule and fulfilling all statutory requirement.
 8. Bidder should have experience in timely mobilisation of manpower.

The experience claimed by the bidder shall be considered, if the said experience is in the name of the bidder directly and not by subletting the contract. Satisfactory work completion certificate is furnished by the firm.

During the work period, the successful bidder has to depute familiar experienced fitter, labour staff and qualified engineers compatible to work requirements. (Engineer having qualification of degree or diploma with experience in mechanical engineering) Bidder has to submit the proof about the qualification and experience of labour, supervisor and engineer deputed for overhauling jobs along with tender documents such as copy of appointment letters or P.F. submission Challan, for last 2 years along with qualification of personnel's who will be deputed for this work.

- D. DEFECT LIABILITY PERIOD / WARRANTY CLAUSE:**
The contractor shall provide a warranty of **2 (two) Years** for the completed works and in case of any fault the same shall be reinstated by the contractor without any financial implication to the Owner.
- E. FQP / QAP:**
Contractor shall submit their FQP (as applicable) for further review and approval from the Owner. In case contractor don't have such a quality plan then they have to follow KMPCL's FQP / QAP as per mutual discussions.
- F. MANPOWER PLAN TO BE SUBMITTED TENTATIVE:**
To be submitted by the contractor along with the offer
- G. TOOL & PLANT TO BE ENGAGED:** To be submitted by the contractor along with the offer.
- H. GENERAL CONDITIONS OF THE CONTRACT:**
1. **GENERAL SCOPE OF CONTRACTOR: Applicable only if the Vendor is working @ KMPCL Plant Site**
 - a. Contractor should deploy competent workers for the particular job and should authorize his workers for carrying out electrical works such as welding, grinding and other works carried out by electrical appliances.

- b. Consumables such as hand gloves, hacksaw blades, light bulbs, grinding wheels, 230V light bulbs, asbestos cloth, coir ropes in sufficient quantity, etc. General Consumable, gases, cleaning tools and accessories, tools & tackles in the scope of contractor.
- c. Contractor has to arrange consumables like, oxygen cylinder, Acetylene cylinder/ industrial LPG cylinder.
- d. All tools and tackles including chain pulley blocks, pulleys, ropes, jacks, slings, and shackles hand lamps, bulbs and other implements, etc.
- e. All the measuring equipment such as master level, dial gauges, Vernier callipers, feeler gauges should have valid calibration certificates.
- f. Contractor shall submit the latest General Medical Test Report of the manpower deployed by the contractor along with the documents for issuance of necessary Gate Pass.
- g. The contractor shall maintain all the tools & tackles in healthy condition throughout the period of work. Contractor shall arrange all the required General Tools for execution of the scope of work including the testing equipment. The testing equipment and tools & tackles should be of reputed make.
- h. All the consumables required for completion of work to be supplied by contractor, unless specified separately.
- i. Scrap, Waste and Effluent disposal if any to be dumped at the designated place within the plant premises by the contractor as per the instruction of Engineer- in-charge.
- j. As per the working plan the Supervisor should be available in all the working shifts for close monitoring.
- k. The contractor shall make his own arrangement of Crane, Hydras, Tractor trailers, Trucks, Hand trolleys, manpower, lifting tools & tackles etc. for all types of material handling job inside the Owner's plant area at his own cost. This includes loading, unloading and transportation of the material / spares inside plant working area for maintenance work, issue of materials / spares from stores to site of work, return of material back to stores, disposal of scrap & old unused material – from site of work to workshop - from site of work to stores - from the site to the scrap yard / place as specified by the Engineer-in-Charge.
- l. Contractor shall ensure to possess all the required permits (PTW) and isolation form the EIC, prior to the start of the works.
- m. Contractor shall ensure hot and height permits availability before start of job. As decided by the Owner EIC. Execution of job without hot and height permit will be the responsibility of Contractor and shall attract penalty as decided by the Owner EIC.
- n. Contractor shall ensure 100% illumination at the work place. Any hindrance caused shall attract penalty under unsafe conditions.
- o. Any scaffolding required for doing the job shall have to be erected and dismantled by the contractor. Material for the same shall be arranged by contractor unless separately specified in the Contract.
- p. Proper housekeeping is a must during entire work period. Hazardous material and inflammable material should be handled so as not to cause harm to the plant or people.
- q. In case of any ambiguity / dispute about any conditions of contract, Special Conditions of Contract will prevail over General Condition of Contract.
- r. The decision of Engineer-in-Charge shall be final in regard to all matters relating to the scope of work.
- s. Work will be carried out on round the clock basis or agreed time.
- t. Supervisor will be available on shift basis for close monitoring
- u. All the tests carried out at site must submit the protocols along with final reports in spiral binding form.
- v. If any work/consumable/tools and tackles not mentioned above which is required for completion of the work is in the scope of contractor.
- w. All necessary liasoning activities, if any required, for what so ever activity to complete his scope of works with whom so ever necessary, without any hindrance to the plant activities including completely indemnifying the company and its officers in all aspects.

2. GENERAL SCOPE OF OWNER: Applicable only if the Vendor is working @ KMPCL Plant Site

- a. Permits will be issued by the Owner as per the requirement and based on the documents.

- b. All the available relevant drawing will be shared as per the requirement of scope of work.
- c. Spares required against the activities will be provided by the Owner.
- d. The electricity, water, compressed air etc., shall be provided at fixed points by the Owner on the basis of 'as is where is" available in the plant. However, further extension cabling / hoses / piping etc. shall be arranged by the contractor.
- e. Drinking water facility shall be made available by the Owner.
- f. EOT Crane along with operators etc. under the scope of owner, if not specified

I. Statutory Compliance: Applicable only if the Vendor is working @ KMPCL Plant Site

- a. Contractor has to produce WC policy/ESIC as applicable, before the commencement of work.
- b. All provisions of the Factory Act 1948, The Chhattisgarh Factory Rules 1950, Indian Electricity rules 1956, and other rules and regulations should be strictly adhered by the contractor.
- c. The contractor shall ensure compliance with all the Acts, Rules & Regulations pertaining to Health, Safety as applicable from time to time.
- d. In the event of breach of this covenant, you shall indemnify and keep indemnified our company, directors and employees from and against liabilities, cost, charges, expenses, damages, losses and injury whatsoever incurred or suffered thereby.

J. Insurance Of The Workmen: Applicable only if the Vendor is working @ KMPCL Plant Site

- a. The contractor shall insure all his workmen for payment of compensation in case of any accident under the provision of Workmen's Compensation Act. The supporting papers/documents in this regard shall have to be submitted before start of the work.
- b. The Contractor shall ensure that all their personnel and machinery are covered adequately under an appropriate insurance policy and shall keep Owner fully indemnified against any claims arising whatsoever during the execution of the work. Contractor shall produce necessary documentary proof before the commencement of work at Site.

K. Safety:

- a) Induction & Training: All the persons to be deployed by the contractor have to undergo safety induction before being engaged in any job and moreover they have also to undergo safety training regularly.
- b) Contractor should provide all safety equipment's to their workers such as safety shoes, helmets, goggles, aprons, welding screen, safety belts, appropriate hand gloves etc. Good and approved quality appliance shall be arranged and replaced by new ones as soon as worn out by Contractor at his own cost.
- c) Work should be carried out with all PPEs and under KMPCL safety guidelines
- d) All kind of Safety responsibility is under contractor's scope. Contractor has to ensure all safety compliances during entire duration of contract. KMPCL shall not be responsible for any lapse in safety aspects.
- e) KMPCL shall provide only PTW and process isolation required to execute the job.
- f) Contractor shall ensure hot and height permits availability before start of job. Execution of job without hot and height permit will be the responsibility of Contractor and shall attract penalty as decided by KMPCL EIC.
- g) Contractor shall ensure 100% illumination at the work place. Any hindrance caused shall attract penalty under unsafe conditions. KMPCL shall not provide any additional illumination other than the lighting installed on the boilers.
- h) If any of KMPCL safety officers finds that Contractor is not following the Safety Rules and regulations including use of personal protective equipment at site, he is authorized to stop the work immediately. In case of violation of rules after issue of warning letter, the contractor shall be liable to penalty as decided by the concerned / safety officer / EIC.
- i) Adequate supervision must be ensured during execution for compliance of safety measures.
- j) In case of injury to person, the incidence is to be reported to concerned section without delay and all legal formalities completed at earliest.
- k) Safety of the workers to be engaged in the job is Contractor's responsibility and KMPCL will not be responsible for any type of compensation to Contractor's worker, if any accident occurs during the

work and Contractor will be liable for all payments, maintenance etc. to the worker / workers' family as per statute or rule in force in the State or the Country as a whole.

L. PERSONAL CONDUCT:

Entering of any of contractor's person into the factory under influence of alcohol / drugs is strictly prohibited. Further any act of sabotage to Owners resources with mala fide intentions shall be taken very seriously and immediate removal of the person(s) will be effected.

M. TERMINATION

The Work Order/Contract is subject to termination by the owner at any time before the contractor/agency commences mobilization of manpower and resources or initiate the work.

N. QUALITY AND SAFETY

You shall implement all applicable quality norms in relation to the performance of the Scope of Work by establishing a well-equipped laboratory and a dedicated quality engineer. You shall also comply with all safety norms and maintain industrial practices for safety of men, material and also cover them under insurance. KMPCL shall be completely indemnified from any obligations arise out of any accident, incident or loss of men, material and property.

O. SPECIAL NOTE

Kindly note, any payment made under this Work Order whether as advance or otherwise, is strictly for providing the services as per this Work Order. In any circumstances, any payment given under this Work Order shall not be adjusted against any outstanding dues, of whatsoever nature, towards KMPCL or any company of KSK Group. In case service is not provided within time stipulated in completion schedule or is not in accordance with the agreed quality, the party/contractor shall refund the entire advance amount within 7 days of intimation in this regard from KMPCL, without any prejudice.

P. PROGRESS REPORTS You shall provide final report in mutually agreed formats for circulation among all the relevant parities.

Q. CONFIDENTIALITY:

No party shall disclose this "WO" or any part thereof, without the written consent of the other party, except that such consent is not required when such disclosure must be made to a lender, Statutory Authority or in pursuance of any directive from a Regulatory Authority.

R. INDEMNITY:

Notwithstanding anything contained in this "WO", the Contractor hereby agrees and undertakes to indemnify and keep indemnified Owner from and against all and any claims, demands, action, charges, losses, reasonable costs (including without limitation the fees, disbursements and other charges of counsel), expenses, claims, damages, penalties and liabilities that Owner or its Directors or Officers may incur or suffer as a result of, arising out of or in connection with breach by the Contractor of any of its' obligations, undertakings or covenants contained in this 'WO'.

S. FORCE MAJEURE

Neither of us shall be considered to have defaulted in the performance of our respective contractual obligations under this Contract, if such non-performance is as consequence of force majeure which shall mean any event beyond the reasonable control of the parties including but not limited to the acts of God, earthquake, typhoon or cyclone, floods, lightning, landslide, fire or explosions, environmental pollution, plague or epidemics, strike and lockouts, (lasting more than fourteen (14) consecutive calendar days except, sabotage, blockade, war, invasion, act of foreign enemies hostilities (whether war to be declare or not), civil war rebellion, revolution, insurrection / or military usurping power or confiscation or trade embargoes or destruction or requisition by order of any Government or any public authority. However, the affected party shall take all measures to mitigate the impact of such force majeure. Commercial difficulty shall not be force majeure.

T. ARBITRATION

All disputes or differences whatsoever arising out of this "WO" which cannot be settled through mutual negotiations shall finally be settled by arbitration through arbitration in accordance with the provisions

of the Arbitration and Conciliation Act 1996. The venue of such arbitration shall be Hyderabad. The decision of the Arbitrator shall be final and binding on the Parties.

U. JURISDICTION

Parties agree that the courts at Hyderabad shall have the exclusive jurisdiction over all disputes and matters that arise under or pursuant to this 'WO'.

V. NOTICES

Any notice, request or instruction permitted or required to be given hereunder by any party to the other shall be in writing and shall be deemed sufficiently given if delivered personally against receipt or sent by Registered Post A.D or by Speed Post / courier with A.D. at the address of the parties mentioned in the WO.

W. DEVIATION:

In case of any deviation during the submission of the offer, the bidder must fill the same in the below formats for technical & commercial deviations (if any).

• **Technical Deviation**

Sr.no	Reference Clause No.	Deviation Taken

• **Commercial Deviation**

Sr.no	Reference Clause No.	Deviation Taken

Annexure-1 - Scope of Work

Repairing / Re-conditioning of Coal pipe (long and short bend radius)

1. Scope of Work:

1. Service Provider should have experienced technician with certification from renowned institution.
2. Service provider should have all the non-destructive equipment to measure.
3. All the equipment should have valid calibration certificate.
4. Coal pipe bend individual inspection to be done and report to be submit to EIC.
5. Total 28 no of bend all cleaning to be done.
6. All MS pipe to be repair as per thickness survey.
7. The measured reading with photograph to be notified to the Owner's EIC for further review & Corrective action.
8. The final report should be submitting along with warranty/guaranty self-life of component. Owner will dismantle bends & hand over to Vendor
9. All Damaged section of Bends MS section approx. 50-60% shall be cut & fresh piece shall be welded with proper welding procedure i.e. Proper V Preparation & suitable welding electrode with High elongation & High UTS and Low heat input to be used .
10. All damaged / lose tiles which seems to come out in some running time approx. 50-60% of the total bends area shall be replaced with new 15 mm weldable Tiles with Alumina 90-92%
11. Adhesive used shall withstand temperature up to 1000 Deg centigrade.
12. All tools and tackles for tile fixing are in Vendor scope
13. Both way transportation in Vendor scope
14. Reconditioned bends will be inspected by KMPCL quality department in during work as well as after completion of job before dispatch

2. Special Terms and Conditions:

Transportation cost to & fro shall be in Contractor Scope.

3. a. Materials in Scope of Contractor:

All spare like tiles, electrode, MS plate etc will be in contractor scope.

b. Materials in Scope of Owner:

- Old coal bend
- KMPCL site loading & unloading in KMPCL working hour.

4. List of Tests: DP test

Annexure-2 – BOQ

Repairing / Re-conditioning of Coal pipe (long and short bend radius)

Sr. No.	ITEM DESCRIPTION	UOM	QUANTITY	RATE	AMOUNT
1	Re-conditioning of Coal Pipe Bend (Long Radius)	No	12		
2	Re-conditioning of Coal Pipe Bend (Short Radius)	No	16		
Total Basic					
GST @ 18%					
Total Value with GST					