

Expression of Interest from Supplier/Service Providers or Contractors for various procurement requirements of HZL

Interested parties having relevant experience can submit expression of interest by email with the following details: Experience details including orders executed with client references, order value, delivery time, company profile financial result for last three years and projection for current year, details of manufacturing facilities and ISO and other accreditations.

A	CAPEX Procurement	Brief Scope
1	Basic and detailed engineering for various debottlenecking & expansion projects	Basic & detailed engineering services for Cell House , Leaching & Purification upgradation of a Zinc Smelter (Hydro). Engineering scope shall include but not limited to provide GA drawings as per plant modification requirement and detailed engineering for Civil,Structural, electrical & Instrumentation, Piping etc.
2	Construction services for plant upgradation on turnkey basis	Supply & Services on turnkey basis for upgradation of Roaster plant, Cell house and Leaching & Purification of Zinc refineries.
3	Procurement of Automatic / Semi automatic Filter press	Supply, Installation & Commissioning of Filter press for the below applications in the Zinc refinery Circuit:- 1. Hot Purification 2. Magnesium recovery 3. Jarosite cake filtration
4	Procurement of Agitators	Supply of different capacity Agitators assembly with Motor, Gear box and Impeller with shaft.
5	Procurement of Piping & Fittings (Metallic and non-metallic)	Supply of different sizes Metallic and non-metallic Pipes & Fittings.
6	Procurement of Power and instrument Cables	Supply of different sizes industrial E&I Cables.
7	Procurement of Different types of Valves	Supply of different sizes and types industrial valves for water and other media.
8	Civil Services including supplies	Civil jobs including supplies of cement, steel & others etc.
9	Mechanical & Structural services including hardware and consumables	Mechanical & Structural services for installation, erection & commissioning of new projects, Pipelines, including hardware and consumables supply.
10	Electrical & Instrumentation services including Consumables,Cable tray, Guages,LCs , Flow meter, transmitter and Junction Box,	Supply & installation of Cable, Consumables,Cable tray, Guages,LCs , Flow meter, transmitter and Junction Box etc.
11	Rubber Lining Job	Supply & services of rubber lining material.
12	Refractory services	Supply & services of refractory related jobs.
13	FRP/FRVE Tanks	Supply of FRP / FRVE DERAKANE 411 or other MOC grade tanks for different Sizes with standard quality tests.
14	Supply of PPH Pipes & fittings	Supply of different sizes Polypropylene Homopolymer Pipes & Fittings.
15	Modification/ expansion of already installed filter presses	Modification job / capacity expansion of already installed filter presses.
16	Launders	Supply of FRP / SS Launders and fabrication.
17	Procurement of VFD for PA & FD fans	Supply , installation and Commissioning of Variable frequency drives at various units of HZL. The project scope shall include evaluation of saving potentials and guarantee the estimated savings.
18	LOCO Engine Supply	To be Replaced with Old LOCO to be replaced by this new LOCO engine and this project will improve the Reliability for Rake Unloading System.
19	Supply of Self sustained actuator for governing system	To Prevent Turbine from Governing Oil Fire, self sustained actuators's Supply and installation are require.
20	Supply of Truck tippler for Coal Yard	New Truck tippler for managing load of truck movement & better unloading of Coal in System.
21	Supply, Installation & Commissioning of Na2SO4 recovery circuit from ETP	Supply, Installation & Commissioning of Na2SO4 recovery circuit from ETP on EPC basis
22	Re routing of fire fighting pipe line	Supply & Erection of Firefighting pipelines including re-routing of existing system
23	Jarofix yard bay	For enhance the capacity of yard, new jarofix yard bay to be prepared.
24	CONSTRUCTION OF SECURED LANDFILL PHASE-IV AT DARIBA SMELTER COMPLEX (DSC).	Construction of Secured Landfill Phase-IV at Dariba Smelter.
25	Acid Loading Arm	Supply of Acid loading arms (Fully auto/semi auto) to be supplied and installed at acid loading plants.

26	Automation of slime Handling	Require automation in Slime handling to reduce manpower efforts and enhancement in safety
27	Ladle cleaning station installation & additional casting facilities for SKS Lead Bullion	This is a Safety & Hygiene Improvement .Ladle cleaning station installation & additional casting facilities for SKS Lead Bullion at Lead Plant, Dariba.
28	RO plant with Zero Liquid Discharge and modification in existing RO Plant.	To increase the treatment capacity and reduce the fresh water consumption in process and provide sustainable RO reject disposal solution.
29	Face-lifting works to enhance out look of factory	Plant outlook from highway side to be enhanced by face lifting works like roof sheeting, painting, hoardings, plantations.
30	Various Insurance Spares	In the Smelters, we are having Boiler bundles, Evaporators, Acid Pumps, PHEs , HBF Mother Belts etc. These are Insurance spares and we have to procure these items for Smelter level to meet out the urgency of plant.
31	installation of lime stone silo, conveyor and bag filter	Supply & Installation for arrangement of lime bin, hopper, Loss in Weight etc to add lime in MR section and to avoid manual handling & hoisting in Hydro plants.
32	Zinc dust pneumatic transportation system	System installation is require for Transfer of Zinc Dust pneumatically at Hydro-2 as in Hy-1 and to avoid Hoist operations.
33	Pressure Pouring system for continuous ZAMAK casting	ZAMAK is a Finished goods and family of alloys with a base metal of zinc and alloying elements of aluminium, magnesium, and copper.For smooth casting of ZAMAK, Pressure Pouring system is require at Hydro Unit.
34	Purchase of New Fire Tender	To strenthen the fire fighting emergency response ,One new fire tender to be purchased in this year.
35	Zero Liquid Discharge facility	Supply & Installation of Zero liquid discharge facility on EPC/BOOT basis at Zinc Smelters
B.	Services for Smelters/Mines & CPP	Brief Scope
1	Annual rate Contract for Civil & Structural maintenance jobs inside plant and township	Scope of work shall include deployment of Civil & Structural service provider on Annual Rate Contract basis for day to day plant/colony maintenance services. Estimated scope per annum is Rs. 7.00 Cr
2	Operation & maintenance contract for Hydro Plants, Pyro Smelter, Lead Plants and Captive Power Plants(CPPs)	Complete Outsourcing of O&M Services (Process, Maintenace, Material Handling etc.) of various Smelters/CPPs of Hindustan Zinc Limited with required tool & tackles, material handling equipments, consumables etc.
3	Operation & maintenance of fire fighting systems	Complete Outsourcing of O&M Services of firefighting services at various Smelters/CPPs of Hindustan Zinc Limited with required tool & tackles, material handling equipments, consumables etc.
4	Operation & maintenance of Zinc Dust Plant	Complete Outsourcing of O&M Services of Zinc Dust Plant at various Smelters of Hindustan Zinc Limited with required tool & tackles, material handling equipments, consumables etc.
5	Aluminum Cathode fabrication for Hydro Plants	Aluminum Cathode fabrication as per drawings and technical specifications for Hydro Plants
6	Concentrate loading/unloading at Mines/smelters	Concentrate loading/unloading at Mines/Smelters wherein service provider shall be responsible for loading/unloading activities of zinc/lead concentrate in timely and efficient manner to ensure minimum turn around time for logistics movement.
7	Annual rate contract for LT/HT motor rewinding	LT/HT motor rewinding service contract for all locations of HZL, service provider has to arrange for pick up of faulty motors and deliver the repaired motors back to site within stipulated timeline as per contract.
8	Ambulance hiring services	Deployment of Ambulance at variuous units of HZL on hiring basis. Service provider shall provide, operate and maintain the ambulance on monthly rental basis.