ENGINEERING PROJECTS (INDIA) LTD.
(A GOVT. OF INDIA ENTERPRISE)
WESTERN REGIONAL OFFICE: MUMBAI

EOI NO. MBI/MKT/EOI/007 dtd 30.04.2012
Last date of receipt of EOI : 07.05.2012

“EXPRESSION OF INTEREST’ FOR Consortium partner to bid for Supply and Installation of Station Piping Package for Solapur Super Thermal Power Project (2X660 MW), located at District Solapur, State of Maharashtra, India

Engineering Projects (India) Limited (EPI), under the aegis of Ministry of Heavy Industries & Public Enterprises, Govt. of India, is one of the Premier Engineering Service Organization in the country engaged in large scale Turnkey execution of Multi disciplinary Projects.

NTPC have invited sealed tenders in two bid system for its Solapur Super Thermal Power Station for Design, engineering, manufacturing, supply, fabrication at site, testing at shop, inspection, packaging, transportation to site, storage, taking delivery of Employer supplied equipment from site stores, in plant transportation, erection, cleaning, anticorrosive protection, painting of above ground piping, testing and commissioning of all items like piping, fittings, supports/hangers, valves, actuators, motors, specialties, tanks, instruments, drain, vents including drain/vent valves and air release valves and Fuel oil unloading and storage system comprising of HFO/HPS/LSHS and LDO unloading system as specified in the specification of Station Piping Package.

EPI intend to participate in this tender on consortium/joint venture basis. The salient technical features of the tender are given in Annexure-II

EPI therefore invites Expression of Interest from reputed & financially sound parties who should have engineered/got engineered, supplied, erected, tested and commissioned at least two (2) nos. fuel oil handling and storage installations, which are in successful operation for minimum two (2) years as on 31.5.2012 consisting of :

(i) Fuel Oil decanting facilities for road tankers/railway wagons.

(ii) Storage tanks of capacity not less than 500 cubic meters each.

The experience as at (i) and (ii) above in separate installations is also permissible.

Bidders should have above experience and average minimum annual turnover of ₹ 200.0 crores during last three years to enable to join hands with EPI. However the bidders qualifying the following requirements over the above also will be preferred
a) Bidder should have engineered / got engineered (including preparation of layout drawings, fabrication and erection drawings), supplied, erected and tested piping system for thermal power plant(s) or other industrial installation(s). The above piping system shall necessarily consist of mild steel pipes, valves and fittings (up to and including at least 400 mm Nb) and the minimum quantity of such piping in a single contract shall be 450 Metric Tonne. The above piping system should be in successful operation as on date of Techno Commercial bid opening.

And

(b) Bidder should also have fabricated item(s) such as pipes from mild steel plates / fittings / associated pipe supports / tanks and their appurtenances at site for the same reference installation at (a) above or any other installation and the quantity of such fabrication shall not be less than 150 Metric Tonne in single contract.

The party fulfilling the above requirements and willing to associate with EPI for taking up above project on joint Bidding etc. basis may submit expression of interest along with their technical and financial credentials of the last five Years latest by 7.05.2012 up to 1100 hours along with documents as asked for in Annexure-I

The Expression of Interest should be addressed to:

General Manager,
Engineering Projects (India) Limited
6A, Bakhtawar, Nariman Point
Mumbai – 400 021.

For any query kindly contact Shri M.L. Sharma (GM) at Land line Tel: 022 22049230
Website: www.epi.gov.in
MAJOR DOCUMENTATION TO BE SUBMITTED FOR EVALUATION OF EOI

1. Expression of interest for above work
2. Documentary evidences from customers for having met the qualification criteria mentioned
3. Reference list of projects executed with customer certificates during last five years.
4. Financial details for last three years certified by Chartered Accountant.
5. Company profile including organization chart.
6. Any other relevant details.
STATION PIPING PACKAGE FOR SOLAPUR STPP (2x660 MW)

Salient technical features of the equipment / systems / services covered in the IFB no. CS-9571-131-2(R) dated 14/04/2012 is mentioned below. These Salient Technical Features are mentioned only to facilitate the prospective bidder to prima-facie understand the requirements under the tender and shall not in any way limit or alter the scope of work and technical features/specification of equipment/system/services covered in the bidding documents. Detailed provisions in regard of scope of work and technical features/specification of equipment/system/services covered in the bidding documents shall be final and binding.

SALIENT TECHNICAL FEATURES

FUEL OIL PORTION

Fuel Oil unloading and storage system shall be designed to handle both heavy oil (HFO/LHS/HPS) and light oil (LDO). Light oil (LDO) shall be used for cold startup and low part load (up to 7.5%) operation of the steam generator while firing coal. The heavy oil (HFO/LHS/HPS) shall be used for start-up, warm-up and low load (up to 30%) operation of the steam generator while firing coal.

It is proposed to transport heavy oil (HFO/LHS/HPS) to the power plant by railway wagons. The receiving yard shall be designed to unload one (1) full rake of 76 nos/48 nos. Railway wagons at a time. The oil from railway wagons shall be unloaded to unloading header by gravity which shall then be pumped to storage tanks through unloading pumps.

It is proposed to transport light oil (LDO) to the power plant by road tankers. The oil will be unloaded from road tankers by gravity into the unloading header. From there it will be transferred to oil storage tanks through a set of positive displacement pumps. Provision shall be kept to unload five (5) nos. road tankers for light oil (LDO).

For storage of heavy oil (HFO/LHS/HPS) two (2) nos. of fixed roof type storage tanks each of 2000 KL capacity shall be provided. Necessary provision for heating of the unloading header and storage tanks shall be provided.

For storage of light oil (LDO) two (2) tanks each of capacity 500 KL shall be provided.

A set of pressurizing pumps shall draw the oil from the storage tanks for pumping the oil to the steam generator units. The auxiliary boiler shall be designed for firing light oil (LDO). A separate day oil tank of 100KL capacity for auxiliary boiler shall be provided. Oil shall be drawn from the main LDO storage tanks for feeding to day oil tank.

STATION PIPING PORTION

Design, engineering, manufacturing, supply, fabrication at site, testing at shop, inspection, packaging, transportation to site, storage, taking delivery of Employer supplied equipment from site stores, in plant transportation, erection, cleaning, anticorrosive protection, painting of above ground piping, testing and commissioning of all items like fittings, supports / hangers, valves, actuators, motors, specialties, tanks, instruments, drain, vents including drain / vent valves and air release valves for the following piping systems.

- Raw water Make up system.
- Clarified water makes up system.
- Potable (Drinking) water system.
- DM Normal make up system.
- Boiler and D/A fill system.