ENGINEERING PROJECTS (INDIA) LTD.
(A. Govt. of India Enterprise)

NOTICE INVITING TENDER

Tender for ‘Design, Engineering, Supply, installation, testing and commissioning of Bag Filter type Dust Extraction Package and Associated works for CSP except Supply and Erection of complete ducting’ for the project of “Augmentation of Fuel and Flux Crushing Facilities (Package-064) of Bhilai Steel Plant, (SAIL)”.

Ref. : NIT No. DLI/C&E/WI-675/258C Dated : 24.01.2018

Additional information as desired by some of the bidders has been furnished below;

Please note that all the conveyors of Coke Sorting Plant (CSP) are running at a time.

(I) DETAILS OF Roller/ Vibrating Screens for calculation of system capacities;

1. Drawing No. 1-724-159T showing General Assembly (3000 mm x 6400 mm LG Single Deck) for Linear Motion Vibrating Screen for 15mm Separation having Capacity 100 TPH and Quantity 1 No. installed in Coke Breeze Bunker (CBB) Building.

2. Drawing No. 1-724-029T showing General Assembly (2.4mx6.5m LG Single Deck) for Linear Motion Vibrating Screen for 30mm Separation having Capacity 100 TPH and Quantity 2 Nos. installed in Coke Screening Station (CSS) Building.

3. Drawing No.08024-M-BM-CS-GA-1026 (sheet 5 of 6) showing General Arrangement of Mobile Roller Screen for 30 mm Separation having Capacity 300 TPH and Quantity 2 Nos. installed in Coke Screening Station (CSS) Building.

4. Drawing No. 08024-M-BM-CS-GA-1026 (sheet 3 of 6) showing General Arrangement of Mobile Roller Vibrating Screen for 60 mm Separation having Capacity 200 TPH and Quantity 2 Nos. installed in Coke Screening Station (CSS) Building.

5. Drawing No.08024-M-BM-CS-GA-1026 (sheet 1of 6) showing General Arrangement of Mobile Roller Screen for 80 mm Separation having Capacity 300 TPH and Quantity 2 Nos. installed in Coke Crushing Station (CCS) Building.

(II) DETAILS OF scope of work for PLC, MCC and Cables;

(A) Cables / Cable trays / Conduits :-
   a) All Field Instruments to common JB (including JB) – Bidder’s Scope.
   b) Common JB to Bidder’s Control Unit for DE – Bidder’s scope.
   c) Bidder’s Control Unit to Main Plant PLC – By EPI.
   d) Main PLC to MCC – By EPI.
   e) MCC to Field HT/LT Motor (Power & Control Cables) – By EPI.
   f) EPI will provide 415 V, 3-phase power at one point near bidder's Control Unit. Further distribution including cabling, Conduiting etc. as required shall be in Bidder’s scope (for Control Unit and Field Instruments). Any other voltage including control transformers as required shall be provided by bidder.
   g) Any special cable required for system integration except 2.5 mm² copper control cables shall be in Bidder’s scope.
(B) **Supply :-**  
a) MCC – By **EPI**.  
b) Control Unit for Dust Extraction System – Bidder’s Scope.  
c) HT Motors alongwith CBM system with sensors and control unit as per NIT - Bidder’s Scope.  
d) LPBS - By **EPI**.

(C) **Erection and Commissioning:-**  
Materials / Items supplied by **EPI** shall be erected by **EPI**. However, specifications / design parameters of these items shall be furnished by the bidder.