



Ref: EP/WEX/BLR/DSL/2019-20

Date: 09.09.2019

TENDER PART A –TECHNICAL BID

Name of Work: Supply and installation of Thermal insulation for diverted steamlines, 2":150 mtrs and 1/2":60 mtrs

Brief Description:

Bidder to carry out Aluminium cladded Rockwool insulation for steam carrying pipelines installed by BHEL. Work involves both supply and installation of materials. Details are given below. Items to be insulated are:

- a. 50 mm NB (2") Dia Steam pipelines : 150 Mtr length
- b. 15 mm NB (1/2") Dia Steam pipelines : 60 Mtr length

SI No	Requirement of BHEL	Reply of Bidder
1	Job Description: 1.Clean the pipelines to be insulated 2.Apply a coat of heat resistant paint 3.Fix 50 mm thick LRB Rockwool mattresses of density 100 kg/m ³ , which is machine laid and of machine stitched GI mesh on one side 4.Cover the insulated surface with fabricated and grooved aluminium sheet of commercial type 24 SWG using self-tapping screws <i>Note: Material handling equipments will be provided by BHEL.</i>	
2	Statutory requirement: Workmen of the bidder should have ESI registration certificates. While carrying out the work, bidder to produce the ESI certificates and ESI numbers to BHEL. In case salary is more than Rs. 21,000/- per month, salary slip of the workmen with signature and seal of competent authority shall be produced, otherwise, the offer will be rejected.	
3	Measurement: As per IS:14164-1994 Specification 1.The bill will be calculated on the basis of the actual length insulated measured over insulation 2.Bends will be calculated to be equivalent to twice the actual length insulated 3.Flange box will be calculated to be equivalent to 0.8 linear meter of the corresponding pipe 4.Valve box will be calculated to be equivalent to 1.5 linear meter of the corresponding pipe 5.Certified copy of the joint measurement will be considered for the billing purpose	
4	Work Completion time: 30 Days from the date of site clearance after issue of work order	
5	Payment Terms: Payment after successful completion of work vide NEFT	
6	LD/Penalty: In case of work completion delay on account of vendor, penalty will be levied @ 0.5% per week subject to maximum 10% of the work order value	
7	Qualifying Criteria: 1.Vendor should be competent in the field of thermal insulations. Company profile should be submitted for assessment. 2.Vendor to visit BHEL EPD works to understand detailed scope of work before quoting.	
8	Security Deposit: Security deposit at the rate of 5% of the work order value is applicable.	

Signature and seal of competent authority of the bidder