

## **PART –II** **PRICE BID**

(Enquiry No. GPX/19/EN/13 Dt 20/12/2019)

**Subject :-**Preventive/routine/breakdown maintenance and replacement of service pipelines from GPX security gate upto various columns in-side factory blocks on actual execution basis for a period of 24 months as per scope of work (Annexure - I).

### **(A) Work Inside Blocks**

Sl No.	Description	Total Qty Per Months	Unit Rate In Rs.	Total Amount In Rs.
1.	Repair of Leakages through glands			
	i) 1/2" to 1" N. B. Valve	55 Nos.		
	ii) Above 1" to 3" Valve	85 Nos.		
	iii) Above 3" Valve	12 Nos.		
2.	Repair/installation of new Flanges			
	i) 1/2" to 1" N. B. Pipe	32 Nos.		
	ii) Above 1" to 3" N. B. Pipe	22 Nos.		
	iii) Above 3" Pipe	12 Nos.		
3.	Replacement of Gaskets/ Rubber Diaphragm			
	i) 1/2" to 1" N. B. Pipe	93 Nos.		
	ii) Above 1" to 3" N. B. Pipe	70 Nos.		
	iii) Above 3" Pipe	50 Nos.		
4.	Replacement of Corroded/ damaged Pipe Lines of gases & compressed air & painting of replaced pipelines as per IS 2379: 1990, Reaffirmed in 2006 (IS for pipeline coding)			
	i) 1/2" to 1" N. B. Pipe	125 Mtr		
	ii) Above 1" to 3" N. B. Pipe	75 Mtr		
	iii) Above 3" Pipe	50 Mtr		
5.	Repair/Replacement of Steam & condensate pipelines including thermal insulation with insulation material cladded by Aluminium sheet (Insulation material and aluminium cladding shall be provided by BHEL, free of cost) & painting of replaced pipelines as per IS 2379: 1990, Reaffirmed in 2006 (IS for pipeline coding)			
	i) 1/2" to 1" N. B. Pipe	60 Mtr		
	ii) Above 1" to 3" N. B. Pipe	60 Mtr		
	iii) Above 3" Pipe	20 Mtr		
6	Checking of all the steam traps of steam pipeline in complete factory			
	i) 1/2" to 1" steam traps	134 Nos.		
	ii) Above 1" to 2" steam traps	4 Nos.		
7	Repair/Replacement/ Preventive maintenance (cleaning of strainers etc) of Steam traps			
	i) 1/2" to 1" steam traps	67 Nos.		
	ii) Above 1" to 2" steam traps	2 Nos.		
8	Repair/ checking of Flash back arrester	125 Nos.		
9	Periodic checking (Only Physical) of LPG, MCG & acetylene Lines	290 Mtr		
10	Misc. Works such as changing of Unions, Tees, Nipples etc.	80 Nos.		
11	Fabrication of support structures of pipelines, condensate system, level gauges of tanks etc.	6 Mtr		
<b>TOTAL (A) For 1 month</b>				

**(B) Work Outside Blocks**

SI No.	Description	Total Qty Per Months	Unit Rate In Rs.	Total Amount In Rs.
1.	Repair of Leakages through glands			
	i) 1/2" to 3" Valve	15 Nos.		
	ii) Above 3" Valve	6 Nos.		
2.	Repair/installation of new flanges			
	i) 1/2" to 3" Pipe	10 Nos.		
	ii) Above 3" Pipe	10 Nos.		
3.	Replacement of Gaskets/ Rubber Diaphragm			
	i) 1/2" to 3" Pipe	16 Nos.		
	ii) Above 3" upto 8" Pipe	6 Nos.		
4.	Replacement of Corroded/ damaged gases & compressed air Pipe Lines & painting of replaced pipelines as per IS 2379: 1990, Reaffirmed in 2006 (IS for pipeline coding)			
	i) 1/2" to 3" Pipe	12 Mtr		
	ii) Above 3" upto 8" Pipe	6 Mtr		
5.	Repair/Replacement of Steam & condensate Pipe Lines including thermal insulation with insulation material cladded by Aluminium sheet (Insulation material and aluminium cladding shall be provided by BHEL, free of cost) & painting of replaced pipelines as per IS 2379: 1990, Reaffirmed in 2006 (IS for pipeline coding)			
	i) 1/2" to 3" Pipe	20 Mtr		
	ii) Above 3" upto 6" Pipe	10 Mtr		
6.	Repair/Replacement/ Preventive maintenance (cleaning of strainers etc) of Steam traps	9 Nos.		
7.	Periodic checking (Only Physical) of LPG, MCG & acetylene Lines	100 Mtr		
<b>Total (B) for 1 month</b>				

SI no.	Description	Total Amount (Rs.)
a)	<b>Total [(A) + (B)] for 1 month (as above)</b>	
b)	<b>In Words</b>	
c)	<b>GST (if any) -</b>	

**Note: The total Contract value for 24 months shall be = [24 x SI No. (a)] plus GST extra (if any)**

Sign & seal of Contractor