



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

भाग – VII
SECTION – VII

दर अनुसूची (एसओआर)

SCHEDULE OF RATES (SOR)

(To be uploaded in Folder –II (Finance /Price folder))



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

E-TENDER NO: BCPL/C&P/LE18W148MK/00674/5/6

NAME OF WORK: HIRING OF SERVICES FOR EXECUTING RE-PAINTING WORKS OF EQUIPMENTS, STRUCTURES AND PIPING FACILITIES AT BCPL – LEPETKATA [PART - A], GSU – LAKWA [PART - B] & GDU- DULIAJAN [PART - C] FOR A PERIOD OF 2 YEARS

PART-A- RE-PAINTING WORKS OF BCPL-LEPETKATA PLANT

SN	ITEM DESCRIPTION	UoM	QTY	UNIT RATE (Rs.)	AMOUNT (Rs.)
A1	<u>EPOXY PAINT</u> (Temp up to 80 deg C): Painting of Rotary/Static equipments, piping, Pipeline,Structurals, Cabletrays, Platforms, Hand Railing, Ladders & Monkey Ladders etcand ducting, cable trays including base frames and immediate supports at any height:				
	Paint system : F8- Self priming type surface tolerant high build epoxy coating (complete rust control coating) - 01 coat (DFT -100 Microne average) + F2- Acrylic Polyurethane Finish Paint (Two-pack aliphatic isocynate cured acrylic finish paint) - 02 coats (DFT-40 Microne/coat average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be different. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	22500		
A2	<u>ALUMINIUM PAINT</u> (Temp up to 250 deg C): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

	Paint system : F11- Heat resistant synthetic medium based two pack Aluminium paint - 3 coats (DFT -15 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	2500		
	<u>HEAT RESISTANT ALUMINIUM PAINT BASED ON SILICON RESIN (Temp 251 deg C and 500 deg C & above):</u> Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				
A3	Paint system : F12 - Heat Resistant Aluminium Paint based on Silicon Resin (silicone resin based medium with Aluminium flakes - 03 coats (DFT - 20 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	1500		
	<u>ANTI CORROSIVE PAINT:</u> Paint System for Highly Corrosive Environment - Unit & Offsite Areas of the plant with corrosive fumes like HCL, H2SO4, Water Impingement, Salty Water, Chloride & Water Mist, DM Plant Area, Cooling Tower Area				
A4	Paint System: 1 coat of F-8- Self priming type surface tolerant high build epoxy coating (complete rust control coating) @ 100 µ DFT/ coat+ 2 coat of F-6A - High Build Epoxy Finish Paint (Two-pack polyamine cured epoxy resin suitably pigmented) @ 100µ DFT/coat + 1 coat of F-2 -Acrylic Polyurethane Finish Paint (Two-pack aliphatic isocyanate cured acrylic finish paint) @ 40µ DFT/coat These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be different. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	1500		



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

A5	LETTERING & STENCILING: Writing of Letters/Nubers of different sizes on the piping system, equipments, structurals, RCC beams / foundations, notice boards, name plates, signboards etc by using synthetic Enamel Paint of approved brands with preparation of suitable background on all the surfaces at all height in proportionate thickness as per standard engineering practice to the entire satisfaction of EIC and as per scope of works.				
	Paint System: Synthetic Enamel Paint @ DFT 20 μ - with good contrast colour wherever required on the piping system, equipments, structurals, RCC beams / foundations etc to the entire satisfaction of EIC and as per scope of works. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	Sq. Inch.	200000		
	PART-A: SUB TOTAL (Rs.)				
	PART-A: SUB TOTAL(words)				
	GST @18%				
	PART-A: GRAND TOTAL (Rs.)				

	Signature of Authorized Representative:	
	Name of authorized person submitting the tender on behalf of the Bidder(s):	
	Designation of authorized person:	
	Name of Firm / Contractor/Owner:	
	Address of Firm / Contractor/Owner:	
	Date:	

NOTE

1	BIDDER TO QUOTE FOR EACH SOR ITEM IF QUOTED FOR THIS PART
2	BIDDERS TO INDICATE SAC (S)



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

E-TENDER NO: BCPL/C&P/LE18W148MK/00674/5/6

NAME OF WORK: HIRING OF SERVICES FOR EXECUTING RE-PAINTING WORKS OF EQUIPMENTS, STRUCTURES AND PIPING FACILITIES AT BCPL – LEPETKATA [PART - A], GSU – LAKWA [PART - B] & GDU- DULIAJAN [PART - C] FOR A PERIOD OF 2 YEARS

PART-B: RE-PAINTING WORKS OF BCPL-GSU-LAKWA PLANT

SN	ITEM DESCRIPTION	UoM	QTY	UNIT RATE (Rs.)	AMOUNT (Rs.)
B1	EPOXY PAINT (Temp up to 80 deg C): Painting of Rotary/Static equipments, piping, Pipeline,Structurals, Cabletrays, Platforms, Hand Railing, Ladders & Monkey Ladders etcand ducting, cable trays including base frames and immediate supports at any height:				
	Paint system : F8- Self priming type surface tolerant high build epoxy coating (complete rust control coating) - 01 coat (DFT -100 Microne average) + F2- Acrylic Polyurethane Finish Paint (Two-pack aliphatic isocyanate cured acrylic finish paint) - 02 coats (DFT-40 Microne/coat average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be different. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	1600		
B2	ALUMINIUM PAINT (Temp up to 250 deg C): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

	Paint system : F11- Heat resistant synthetic medium based two pack Aluminium paint - 3 coats (DFT -15 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	600		
	<u>HEAT RESISTANT ALUMINIUM PAINT BASED ON SILICON RESIN</u> (Temp 251 deg C and 500 deg C & above): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				
B3	Paint system : F12 - Heat Resistant Aluminium Paint based on Silicon Resin (silicone resin based medium with Aluminium flakes - 03 coats (DFT - 20 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	400		
	<u>ANTI CORROSIVE PAINT: Paint System for Highly Corrosive Environment - Unit & Offsite Areas of the plant with corrosive fumes like HCL, H2SO4, Water Impingement, Salty Water, Chloride & Water Mist, DM Plant Area, Cooling Tower Area</u>				
B4	Paint System: 1 coat of F-8- Self priming type surface tolerant high build epoxy coating (complete rust control coating) @ 100 μ DFT/ coat+ 2 coat of F-6A - High Build Epoxy Finish Paint (Two-pack polyamine cured epoxy resin suitably pigmented) @ 100μ DFT/coat + 1 coat of F-2 -Acrylic Polyurethane Finish Paint (Two-pack aliphatic isocynate cured acrylic finish paint) @ 40μ DFT/coat These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be different. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	100		
B5	<u>LETTERING & STENCILING: Writing of Letters/Nubers of different sizes on the piping system, equipments, structurals, RCC beams / foundations, notice boards, name plates, signboards etc by using synthetic Enamel Paint of approved brands with preparation of suitable background on all the surfaces at all height in proportionate thickness as per standard engineering practice to the entire satisfaction of EIC and as per scope of works.</u>				



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

	Paint System: Synthetic Enamel Paint @ DFT 20 μ - with good contrast colour wherever required on the piping system, equipments, structurals, RCC beams / foundations etc to the entire satisfaction of EIC and as per scope of works. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	Sq. Inch.	7500		
	PART-B: SUB TOTAL (exclusive of GST) (Rs.)				
	PART-B: SUB TOTAL (exclusive of GST) (in words)				
	GST @18%				
	PART-B: GRAND TOTAL (inclusive of GST) (Rs.)				

	Signature of Authorized Representative:	
	Name of authorized person submitting the tender on behalf of the Bidder(s):	
	Designation of authorized person:	
	Name of Firm / Contractor/Owner:	
	Address of Firm / Contractor/Owner:	
	Date:	

NOTE

1	BIDDER TO QUOTE FOR EACH SOR ITEM IF QUOTED FOR THIS PART
2	BIDDERS TO INDICATE SAC (S)



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

E-TENDER NO: BCPL/C&P/LE18W148MK/00674/5/6

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PART-C: RE-PAINTING WORKS OF BCPL-GDU - DULIAJAN PLANT

SN	ITEM DESCRIPTION	UoM	QTY.	UNIT RATE (Rs.)	AMOUNT (Rs.)
C1	<u>EPOXY PAINT</u> (Temp up to 80 deg C): Painting of Rotary/Static equipments, piping, Pipeline,Structurals, Cabletrays, Platforms, Hand Railing, Ladders & Monkey Ladders etcand ducting, cable trays including base frames and immediate supports at any height:				
	Paint system : F8- Self priming type surface tolerant high build epoxy coating (complete rust control coating) - 01 coat (DFT -100 Microne average) + F2- Acrylic Polyurethane Finish Paint (Two-pack aliphatic isocyanate cured acrylic finish paint) - 02 coats (DFT-40 Microne/coat average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be different. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	2000		
C2	<u>ALUMINIUM PAINT</u> (Temp up to 250 deg C): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

	Paint system : F11- Heat resistant synthetic medium based two pack Aluminium paint - 3 coats (DFT -15 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	1000		
	<u>HEAT RESISTANT ALUMINIUM PAINT BASED ON SILICON RESIN</u> (Temp 251 deg C and 500 deg C & above): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				
C3	Paint system : F12 - Heat Resistant Aluminium Paint based on Silicon Resin (silicone resin based medium with Aluminium flakes - 03 coats (DFT - 20 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	250		
	<u>SILICON ACRYLIC PAINT</u> (Temp up to 300 deg C): Painting of Rotary/Static equipments, piping, ducting & structure including base frames and immediate supports at any height:				
C4	Paint system : Silicon Acrylic Paint - 02 coats (DFT - 25 Microne average) These jobs includes cleaning and surface preparation by Brass Chipping tool/wirebrush/emery paper/wiping by dry cloth etc. as per ST.3 to remove loose paints and rust to the entire satisfaction of EIC and as per scope of works. The primer, First coat and second coat colour shades will be same. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	M2	200		
	<u>LETTERING & STENCILING:</u> Writing of Letters/Nubers of different sizes on the piping system, equipments, structurals, RCC beams / foundations, notice boards, name plates, signboards etc by using synthetic Enamel Paint of approved brands with preparation of suitable background on all the surfaces at all height in proportionate thickness as per standard engineering practice to the entire satisfaction of EIC and as per scope of works.				
C5	Paint System: Syntheic Enamel Paint @ DFT 20 μ - with good contrast colour wherever required on the piping system, equipments, structurals, RCC beams / foundations etc to the entire satisfaction of EIC and as per scope of works. The supply of all necessary primer & painting materials, scaffolding materials, consumables, manpower etc are in the scope of contractor.	Sq. Inch.	5000		



PRICE SCHEDULE / SCHEDULE OF RATES (SOR) [PART - II - PRICED BID]

	PART-C: SUB TOTAL (exclusive of GST) (Rs.)	
	PART-C: SUB TOTAL (exclusive of GST) (in words)	
	GST @18%	
	PART-C: GRAND TOTAL (inclusive of GST) (Rs.)	

	Signature of Authorized Representative:	
	Name of authorized person submitting the tender on behalf of the Bidder(s):	
	Designation of authorized person:	
	Name of Firm / Contractor/Owner:	
	Address of Firm / Contractor/Owner:	
	Date:	

NOTE

1	BIDDER TO QUOTE FOR EACH SOR ITEM IF QUOTED FOR THIS PART
3	BIDDERS TO INDICATE SAC (S)



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RATES (SOR) [PART - II - PRICED BID]**