

3 X 33 MW CCPP BORL BINA REFINERY SOQ. FOR CHIMNEY AESTHETIC UP-LIFT

S. NO.	DESCRIPTION	UNITS	QTY.	RATE IN FIG (IN RS)	RATE IN WORDS (IN RS)	AMOUNT
1	Providing High build epoxy finish coating cured with polyamine hardener (3 coats of 100 micron DFT each) over epoxy zinc chromate primer (2 coats of 40 micron DFT each) of required colour and shades in alternate bends on upper portion and camouflage military colour and pattern in lower portion as per drawing. Rate shall be inclusive of cleaning the concrete surface and filling the pot holes/honey comb with epoxy mortar wherever required.					
a	Dusty Rose colour	Sqm	1200			
b	off white colour	Sqm	900			
c	camouflage military colour and pattern	Sqm	2500			
2	Dismantling and removing existing pipe railing fixed over the external platform of chimney at two locations one at a height of 50.00M and another at a height of 95.00M including collection of scrape at BHEL site store.	MT	2			
3	Design, Supply, Fabrication and Erection of Galvanized MS Angle frame (for fixing of Aluminum sheet paneling/cladding) over the external platform of RCC chimney at two locations, one at a height of 50.00M and another at a height of 95.00M. The GI angle vertical post shall be fixed/ welded over the existing inserts plate with additional Hilti anchor fasteners if required followed by minimum three horizontal ties/ring. The GI angle frame shall be adequate enough to take load of Aluminum sheet paneling/ cladding (ref. drawing) and wind pressure at that height (say 185Km/hr) as per detail specification and indicative drawing. Successful Bidder shall submit the detail design calculation & drawing prepared by professional structural designer for approval of BHEL (PED-Hyderabad) before commencement of work. Quoted rate shall be inclusive of cost of all materials ,Galvanizing of MS angles, flats, cutting/chipping of concrete for fixing of post/rings/ stays, Consumables , labours,, tools & tackles, safety appliances, Insurance etc. complete	MT	3.5			
4	Design, Supplying and Fixing single aluminium paneling/cladding (including painting with Dust Rose Colour) of min.3.5mm thick and 1.15m Length all around the platform of chimney at 50.0m and 95.0m height. The panels shall be made in suitable segments at ground level in required profile with proper bracing by means of GI flats (min. 25mmx5mm)	Sqm.	125			
	Total Amount In Rs					
	Total Value IN Words (Rs)					

Note:

- 1 The specification, item description & drawing are only indicative & for idea of the bidders. Bidders are required to submit their proposal for the above scheme alongwith their offer. Successful bidder shall submit detail design, drawings with calculations and obtain approval from Project Engineering Department BHEL, PC Puram, Hyderabad before commencement of work.
- 2 The quantity of individual items are indicative & subject to vary as per actual design.
- 3 For other Terms & conditions, please refer Tender Documents, GCC & SCC attached with this tender.