HINDUSTAN PREFAB LIMITED

JANGPURA NEW DELHI-14

SUBJECT: Proposed Renovation work-Providing and Fixing of PUF Roofing Panel and wall cladding work in Existing Building at Hindustan Prefab Limited HQ Premises ,Jangpura,New Delhi 110014.

NIT No: HPL/DGM(C)/TC/2016-17/117 Dated: 17.02.2017

Estimated Cost: 11.49.Lacs

Financial Bid

Bill of Quantity (BOQ)

Sr.No.	Description	Unit	Qty	Rate in Rs.	Total Amount In Figure Rs.	Total Amount In Word Rs.
1	**STEEL STRUCTURE**					
	Providing and Fixing Steel fframe work .Steel structure shall be of R.H.S. sections with appropriate sizes (72X72X3.2), (50X50X2.9). The structure shall be fabricated considering the relevant design zone and the applicable stresses and forces. All nuts/bolts/washers shall form part of the supply and fixing. All steel structure shall be painted with 2 coats of user approved colour scheme over 1 coat of primer. One coat shall be provided in the factory before dispatch to user site. Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	Kgs	4000			
2	**ROOFING & WALL PANELS**					
a	Providing ,Fixing & Commissioning of PUF panel in roof and wall clading work cpmpleted in all manner with accessaries as drawing and specifications attached. A Roofing PUF Panel of 50mm/80mm thk with 0.40mm thk sheets on both sides shall be provided on the roof & wall of the structure. The top sheet of panel shall be profiled such that each profile shall have in addition 30mm PUF. This insulated roof & wall panel shall be fixed to the structure with the help of STSD screws. The junction between the roof panel and wall panel shall be provided with adequate flashings in order to make an air tight structure.	Sqmtr	470			
b	Suitable sunshades made out of 50-80 mm thick PUF Roof panel will be provided to all external windows and doors not covered under rooms. Ms Sections frame shall be made for support the entire sunshade projection.the specifications of the PUF panel will be same as described under roofing item 4. The minimum projection for the sunshades will be 450 mm and 300 mm wider than the width of the opening.	Sqmtr	20			
3	**RAIN GUTTERS AND DOWN TAKE PIPES :**					
	Providing and Fixinh of Gutters for water runoff with PVC rain water pipe.A rain gutter made of MS steel sheet of 1mm shall be provided on both sides of the structure along the length of the structure only. The rain gutter shall be supported by sufficient no. of clamps and nut bolt or fastners for rigidity. On both sides down take P.V.C pipes shall be provided. The size of the down take pipe shall facilitate free flow of water through the pipes such that the rain gutter does not overflow at any time.	RMTR	50			
a	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S.sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. 0.80 mm thick with zinc coating not less than 275 gm/m² metre		50			

b	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter		45			
c	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion . Bend 87.5° 12.42.5.1 -75 mm bend each		10			
4	PPGI FLASHINGS -Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :					
	All Flashings 0.5MM required to make the structure leak proof and air tight shall be provided along with structure and panels to be fitted at the time of erection.					
A	75x75 Angle Flashing	MTR	240			
B	75x75x75 Z Flashing	MTR	90			
C	300x300 Ridge Cover 0.6 mm thick	MTR	36			
5	Removal of roof including ridges, hips, valleys, Purlin and gutters etc., and stacking the material within 50 metres lead of : For Asbestos sheet	Lump sum	-			
	TOTAL					

Note: The Rates should be inclusive of all type of taxes, octroi, transportation charges, fiting & fixture, supply, errection, testing & commissioning complete in all respect.