

**Name of the work :**Roof sheet replacement/ maintenance works at various locations in GNFC Bharuch plants.

**A) Work value**

| Sr. No. | Activity code | Short item description   | Detailed item description  | Quantity | Unit | Rate Rs. | Amount   |
|---------|---------------|--|--|----------|------|----------|----------|
| 10      | 1062461       | Demolishing of RCC/PCC of any grade  | Demolishing of concrete (RCC/ PCC) of any grade, manually and/or by mechanical means for work upto all levels with all labour, tools, scaffolding, safety arrangement including separating and cutting reinforced steel, straightening, stacking for re use or returning to GNFC scrap yard with loading, unloading and transportation, disposal of debris upto lead of 4 kms by loading, transporting, unloading and levelling etc complete as directed by EIC.   | 17       | m3   | 1711.37  | 29,093   |
| 20      | 1076317       | Dismantling of steel structure   | Dismantling steel structure, at all levels including cutting to required size, stacking and returning of serviceable materials and scrap material to GNFC stores, with all labour, consumables, materials, tools, tackles, machineries, scaffolding etc. complete as per instruction of EIC for work up to 10 m height above ground level.   | 7.2      | MT   | 4416.85  | 31,801   |
| 30      | 1062468       | Fabrication and erection of steel structures upto 20 meter level   | Fabrication & erection of steel structure of mild steel section like channels, angles, beams, pipes, flats, rods, plain plates, chequered plates etc. for trusses, structures, pipe racks, mono rails, beams, columns, purlins, rafters, stair case, gang ways, floor plates, drain cover, floor grating, steps, hand rails etc. including cutting, drilling, bolting, welding, jointing, etc. as required, hauling to the site of erection, hoisting, erecting and fixing the same in position etc. complete upto 20 m height above ground floor level with all labours and tools, scaffolding, safety arrangement. Bolts, nuts, consumables are to be provided by the contractor. Only structural steel materials shall be provided by GNFC at GNFC store at Free of cost. Fabrication drawings if required shall be prepared by the contractor. | 6.3      | MT   | 24901.73 | 1,56,881 |
| 40      | 1062470       | Extra rate over item for fabrication and erection for increase in work level by every 5 m above initial 20 m | Extra rate over rate of service no. 1062468 and 1062469 for increase in work level by every 5 m above initial 20 m level from Ground Level.  | 8        | MT   | 2828.36  | 22,627   |
| 50      | 1062583       | Removal of existing Tar felt/ APP modified bitumen membrane  | Removal of existing Tar Felt/APP membrane type water proofing at all levels , thorough cleaning of surface by wire brush, removal of bitumen from the surface, roughening of the surface , carting away the waste materials and debris up to 4 KM lead etc. complete with all labours, tools, tackles, etc.  | 100      | M2   | 35.65    | 3,565    |
| 60      | 1070583       | Providing and fixing of FRP base of turboventilator  | Providing and fixing of FRP sheet base for Turbo Ventilator including required Scaffolding, cutting of existing galvalume sheet as per requirement and fixing in position with bottom assembly of turbo vent, fixing the same in required profile with required screw, nut-bolt washer in such a way that it should not leak from joint ect complete as per manufacturer specifications and as per instruction of EIC for work at all level.   | 30       | Nos  | 2793.42  | 83,803   |
| 70      | 1070584       | Providing and fixing of only top drum/ fan   | Providing and fixing top Drum/fan min. 21" size including Required Scaffolding, cutting of existing galvalume sheet as per requirement and fixing in position with bottom assembly of turbo vent, fixing the same in required profile with required screw, nut-bolt washer in such a way that it should not leak from joint ect complete as per manufacturer specifications and as per instruction of EIC for work at all level.   | 30       | Nos  | 3947.55  | 1,18,427 |
| 80      | 1074088       | P&L CM upto 100x100mm Vata   | Providing and laying CM vatta on terrace in 1:2 mortar prop of 100 x 100 mm size to be made flush with the plaster incl. necessary chipping of plaster mixing, curing, finishing smooth as directed.   | 200      | M    | 43.14    | 8,628    |
| 90      | 1062466       | Removing roofing/ cladding sheets  | "Removing roofing/ cladding sheets (of all type of materials) including ridges, hips, valleys and gutters etc. for work at all levels, including returning of serviceable materials/ scrap materials to GNFC store and disposal of waste within a lead of 4 km with loading, transportation, unloading, levelling etc. complete.   | 8525     | M2   | 39.77    | 3,39,039 |
| 100     | 1062473       | Providing and fixing of AC sheet   | Providing and fixing corrugated asbestos cement sheet of 6 mm thick for roofing/ cladding/ louvers including providing and fixing with 8 mm dia "J" or "L" hook, limpet and bitumen washers, including cutting to required size, mitring, required end laps & side laps, scaffolding, safety arrangement etc. with all labours and materials for work upto 10 m level above ground level.  | 300      | M2   | 366.58   | 1,09,974 |
| 110     | 1062482       | Providing and fixing of AC ridge sheets  | Providing & Fixing Asbestos cement corrugated sheet ridge sheet in pair for work at all levels, including fixing with seam bolts, hooks, washer GI J, or L hooks, bolts and nuts etc complete.   | 300      | m    | 379.46   | 1,13,838 |

[illegible]