

Job: Execution of Civil works comprising taking over of piles from Piling agency, carrying out pile caps of piles, Entire Civil works for GTG Foundation, STG foundation, HRSG Foundation, AUX Foundations, Pipe Racks, Dearator , GTG Hall, STG Hall, SWGR cum Control cum Cellar Buldg, DG shed, IA& workshop shed etc including BOP Civil, roads, drains, culverts, cable & pipe trenches with/without sand filling, all complete(Excluding Piling and structural works) for Combined Cycle Captive Power Plant, ONGC Hazira, Gujarat.

PART B: % weightage for amount of individual items of Schedule of quantity w.r.t. the total price

| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--|---|------|----------|------------------------------------|
| COMBINED CYCLE CAPTIVE POWER PLANT, ONGC HAZIRA, GUJARAT | | | | |
| LEVELLING & GRADING | | | | |
| S NO. | DESCRIPTION OF ITEM | UNIT | | |
| 11 | Earth work in filling upto any depth below/ above ground level for grading to proper grade and level in layers not exceeding 250 mm loose thickness with approved borrowed CNS soil (borrowed soil to be arranged by the bidder) and compacted as specified including supplying boorowed soil, royalty/seignorage fee (if any), sorting, spreading, breaking clods, watering, ramming/compaction by manual/mechanical means, dressing, finishing to required lines, grades and slopes, tesing, all lead and lifts etc all complete as per specification, drawing and as directed by the engineer for the following. | | | |
| a | Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VII) | CUM | 22867.8 | 4.997283831 |
| 12 | Providing and laying 200mm thick stone pitching in 1 cement : 6 sand mortar with raised pointing in 1 cement : 3 sand mortar on the slopes of earth fill/cut with approved quality of rock fragments including materials, testing, necessary excavations if any, compaction etc all complete as per specification, drawing and as directed by the engineer. | CUM | 325.412 | 0.577483165 |
| 100 EARTH WORK | | | | |
| | Earth work In excavation, backfilling and disposal including necessary men/women, materials, equipment, loading, transportation, unloading, dewatering etc as per specification, drawing and as directed by engineer- in-charge for the following. | | | |
| 101 | Earth work in excavation in all types of soil including ash which can be excavated by any means including setting out, levelling, dewatering (but excluding special type of dewatering viz. well point method), shoring & strutting (wherever required), dressing the sides & bottom, all lifts, ramming/compacting the excavated bottom, stacking, disposal of surplus excavated materials within a lead upto 5km, spreading/levelling of disposed materials etc all complete for following depths below ground level. | | | |
| a | Depth from ground level but not exceeding 2 m | CUM | 3800 | 0.297637936 |
| b | Depth exceeding 2 m but not exceeding 4 m | CUM | 5100 | 0.543267558 |
| c | Depth exceeding 4 m but not exceeding 6 m | CUM | 100 | 0.013863662 |
| 108 | Back filling upto any depth below ground level around foundations, plinths, trenches, drains etc to proper grade and level in layers not exceeding 200 mm thickness using/with selected materials directly from excavation and compacted as specified including watering, ramming/compaction by manual/mechanical means, dressing etc all complete for the following. | | | |
| a | Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VII) | CUM | 14830 | 0.929256965 |
| b | Each layer compacted so as to achieve at least 90% maximum dry density as per IS-2720 (Part-VII) | CUM | 60 | 0.003759637 |
| 109 | Extra over ST No. 101 and 103 to 107 for carriage of excavated earth/selected materials for every 1 km or part thereof beyond an initial lead of 500m. | CUM | 310 | 0.008741156 |

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| 110 | Back filling upto any depth below ground level around foundations, plinths, trenches, drains etc to proper grade and level in layers not exceeding 200 mm thickness using/with approved borrowed CNS soil (borrowed soil to be arranged by the bidder) and compacted as specified including supplying borrowed soil, royalty (if any), watering, ramming/compaction by manual/mechanical means, dressing etc all complete for the following. | | | |
| a | Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VII) | CUM | 1200 | 0.262234686 |
| 111 | Supplying and filling sand upto any depth under floors, around foundations, plinths, trenches etc. in layers not exceeding 200 mm thickness and compacted so as to achieve at least 85% relative density as per IS-2720 (Part-XIV) including spreading, watering, ramming/compaction by manual / mechanical means, dressing, royalty (if any) etc. all complete. | CUM | 6500 | 3.034340428 |
| 200 Concrete Works | | | | |
| | Providing and placing concrete work including cost of labour, materials and equipment for handling, transportation, batching, mixing, placing, vibrating and curing, (excluding cost of centering, shuttering and reinforcement and Cement) with mechanised equipments like batching plant, transit mixer, concrete pump etc. complete as per drawing, specifications and as per direction of engineer in charge for the following. | | | |
| 201 | Concrete of grade M7.5 (1 part cement, 4 part sand, 8 parts of 40 mm graded aggregate by volume) as lean concrete, levelling course , mud mat under and around foundations/floors at any depth below finished floor level etc. | CUM | 400 | 0.703347607 |
| 201(a) | Concrete of 1 part cement, 5 part sand, 10 parts of 40 mm graded aggregate by volume as filling course at any depth below finished floor level, under and around foundations/floors, mass fill etc | CUM | 50 | 0.082788176 |
| 202 | Concrete of grade M10 (1 part cement, 3 part sand, 6 parts of 40 mm graded aggregate by volume) as lean concrete, levelling course , mud mat under and around foundations/floors at any depth below finished floor level etc. | CUM | 50 | 0.096759393 |
| 203 | Concrete of grade M15 (1 part cement, 2 part sand, 4 parts of 40 mm graded aggregate by volume) as lean concrete, levelling course , mud mat under and around foundations/floors at any depth below finished floor level etc. | CUM | 20 | 0.041875887 |
| 204 | Concrete under floors, paving, plinth protection, pipe encasing etc complete with 20 mm nominal size graded aggregate at any depth below finished floor level for the following grades. | | | |
| b | M20 Grade | CUM | 80 | 0.170246352 |
| 205 | Providing and laying Design Mix cement concrete conforming to IS:456 & IS 10262-2009 for reinforced concrete works with coarse sand and graded hard stone aggregate of 20mm nominal size in foundations/substructure, grade slab, paving, drains, under floors etc at any level below finished floor level, any shape, position or thickness etc complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete as per specification & drawing for the following. | | | |
| a | M20 Grade | CUM | 985 | 2.096158209 |
| b | M25 Grade | CUM | 200 | 0.490003486 |
| c | M30 Grade | CUM | 4577 | 14.28855615 |

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| 206 | Providing and laying Design Mix cement concrete conforming to IS:456 & IS 10262-2009 for reinforced concrete works with coarse sand and graded hard stone aggregate of 20mm nominal size in superstructure at any level above finished floor level, any shape, position or thickness etc complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete as per specification & drawing for the following. | | | |
| a | M25 Grade | CUM | 50 | 0.133230547 |
| b | M30 Grade | CUM | 1525 | 4.589126753 |
| 207 | Providing and laying Design Mix cement concrete confirming to IS:456 & IS 10262-2009 for reinforced concrete works of grade M-30 Grade in machine foundations for TG, Gas Turbine, ID/FD/PA fans, BFP, Coal mills at all elevations below/above finished floor level except TG deck and top decks supported over vibration isolation system including addition of suitable plasticizer conforming to IS 9103(latest) to achieve a slump more than 125mm in concrete as per manufacturer's recommendation with 20 mm nominal size graded aggregate in concrete all complete as per specification & drawing. | CUM | 500 | 1.45830171 |
| 208 | Providing and laying Design Mix cement concrete as per IS:456 & IS 10262-2009 of grades mentioned below for reinforced concrete works using graded aggregate in top decks of all machine foundations supported on vibration isolation system (excluding supply and installation of vibration system) and top deck of TG foundation at all levels including addition of suitable plastisizers conforming to IS9103 to achieve a slump more than 125 mm in concrete as per manufacturers recommendation, preperation of scheme for concreting, getting it approved by engineer, labour, materials, equipment, handling, batching, transporting, mixing, pumping, placing, leveling, vibrating, compacting, curing, testing, cleaning and rendering the exposed surface with cement sand mortar to give a smooth and even surface, maintaining and submitting records of concreting, petrographic examination and potential reactivity of aggregate etc. all complete as per specification, drawing and instructions of engineer, including UPV testing as directed by engineer in charge, rectification of the defects in concreting observed by ultra-sonic pulse velocity (UPV) testing by cement/epoxy grout etc, but excluding formwork, staging, reinforcement, embeddments and temperature control of concrete. Payment terms - a) After casting 75% ; b) After receipt of ultrasonic test report - 25%. | | | |
| a | M30 grade (with 20mm nominal size graded stone aggregate) | CUM | 231 | 0.696532889 |
| 209 | Extra over St. No. 205 to 208 for controlling of temperature of fresh concrete to less than 23 degree centigrade using ice, including all related arrangements for providing, storing and mixing of ice with water, cooling of aggregates etc. All complete as per specification, drawing and instruction of engineer in charge. | CUM | 731 | 0.203831857 |
| 210 | Extra over ST Nos. 205 to 207 for conducting UPV test for concrete at all levels including all equipments, making necessary arrangements, staging, submission of report etc. all complete as directed by engineer in charge and as per specification. | CUM | | |

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| 211 | Providing and encasing of structural steel member with concrete using nominal aggregate size of 12.5mm down. Encased member shall be wrapped with welded wire mesh/chicken wire mesh with proper lap etc. complete as per specification for the following grades. (Payment of welded wire mesh/ chicken wire mesh shall be made separately) | | | |
| a | M20 grade | CUM | 500 | 1.09898382 |
| 213 | Providing and laying Design Mix cement concrete as per IS:456 & IS 10262-2009 for reinforced concrete works using graded aggregate for Concrete in precast works like roof slabs/trench covers, fins, lintels, chajas, beams, columns, wall panels, facias etc.at all levels in all kinds of work including formwork/moulds, curing, rendering the top exposed surface with cement sand mortar (1:3), handling, storing, transpoting, all leads, erection without damage, setting in position with cement sand mortar (1:3), filling the gaps between adjacent preacast units with M30 grade concrete or cement sand mortar (1:2) and including making of holes for bolts for fixing, welding etc.complete with graded aggregate (20/12.5/10 mm) and as per specification and drawing for following grades. | | | |
| b | M 30 grade | CUM | 240 | 1.067113382 |
| 214 | Providing and laying Design Mix cement concrete as per IS:456, IS 3370 & IS 10262-2009 for reinforced concrete works using graded aggregate for Concrete in water retaining/conveying structures including addition of suitable plastisizer cum waterproofing cement additives confirming to IS 9103 latest to achieve a slump more than 125 mm in concrete as per manufacturers recommendation and conforming to limits of permeability as per IS 2545 and specification with 20 mm nominal size graded aggregate for following grades. | | | |
| b | M 30 grade | CUM | 700 | 2.153471597 |
| 215 | Dismantling concrete work for all types of structures at all levels including stacking of servicable material to a lead of 500 m and disposal of unservicable material upto a lead of 2 km, cutting of reinforcement, labour, equipment, safety precautions etc all complete as per drawings, specification and instructions of engineer in charge. | | | |
| a | Plain cement concrete of all grades | CUM | 1 | 0.001417696 |
| b | Reinforced cement concrete of all grades | CUM | 1 | 0.002001223 |
| 216 | Chipping of concrete in reinforced concrete work, cutting pockets, making openings at all levels and according to shapes, disposal of waste materials upto a lead of 2 km as directed by engineer including equipment, safety precautions, making good the broken surface etc all complete as per specification, drawing, instructions of engineer in charge but excluding cutting of reinforcement . | CUDM | 100 | 0.007284297 |
| 217 | Extra over and above St No 216 for cutting of reinforcement , all sizes and types including labour, equipment, return of cut reinforcement to store etc all complete as per specification, drawings and instructions of engineer in charge. Measurement shall be on the cross sectional area of reinforcement cut. | SQCM | 100 | 0.008302532 |
| 218 | Cutting Reinforced concrete with mechanised tools like Core drilling machine etc. for cutting pockets, holes, cores in slab, beam, column or foundation as per direction of engineer in charge. | CUDM | 100 | 0.0075976 |
| 300 FORM WORKS | | | | |

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| | Providing, fixing and removing formwork at any elevations for all structures, as per specifications and including all labour, material, scaffoldings and centering complete including pockets etc. complete as per drawing, specifications and as per direction of engineer in charge for the following. | | | |
| 301 | Fairface form work with good quality water proof ply wood of required thickness and smooth surface below finished ground floor level for foundations, footings, base of columns, walls, columns, pilasters, beams, mass concrete, trenches etc. | SQM | 18100 | 4.394859097 |
| 302 | Fairface form work with good quality water proof ply wood of required thickness and smooth surface above finished ground floor level for columns, beams, suspended floors, roofs, lintels, cantilevers, staircases, landings, balconies, domes, arches, circular overhead tanks etc. for all heights. | SQM | 6025 | 1.854617224 |
| 303 | Fairface Formwork with good quality water proof ply wood of required thickness and smooth surface for TG superstructure (above base raft level) including preparation of scheme, designing, submission and approval of staging drawing with sufficient props, braces and ties at every tier of height of approx. 4m for all heights. | SQM | 100 | 0.104329929 |
| 304 | Providing, fixing and removing formwork in block-outs/pockets and openings (below 0.1 sqm plan area) at all elevations including cutting, formation of all shapes and all other operations required for making the required shape and size all complete as per specification, drawing and instruction of engineer in charge. | | | |
| b | Pockets of depths more than 150mm and upto 300 mm depth | Each | 230 | 0.069177322 |
| c | Pockets of depths more than 300mm and upto 600 mm depth | Each | 350 | 0.167499665 |
| d | Pockets of depths more than 600mm and upto 1000 mm depth | Each | 110 | 0.073062281 |
| 400 REINFORCEMENT | | | | |
| 405 | Taking delivery of steel from BHEL stores / store yard, loading, Transportation, unloading, straightening, cutting, bending, placing in position at any level, binding in position of corrosion resistant steel - HCRM re-bars of approved make with steel of grade Fe-500 confirming to IS:1786 norms including cost of binding wire, labour, scaffolding, transportation to & from stores etc complete all as per specifications, drawings and as directed by Engineer. (Reinforcement shall be provided by BHEL Free of cost) | MT | 976 | 5.3168161 |
| 406 | Taking delivery of steel from BHEL stores / store yard, loading, Transportation, unloading, straightening cutting, bending, placing in position at any level, binding of mild steel reinforcements in brickwork including cost of reinforcement and binding wire, labour, scaffolding etc. complete all as per specifications & drawings. (Reinforcement shall be provided by BHEL Free of cost) | MT | 0.6 | 0.003268534 |
| 500 WATER PROOFING WORKS | | | | |
| | Water proofing works including all labour, material, equipment, transportation, handling, curing, sampling, testing etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 511 | Providing and mixing water proofing compound conforming to IS:2645 in concrete or cement mortar all complete. | KG | 100 | 0.003368008 |

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| 512 | Anti termite chemical treatment of soil with Chloropyrifos emulsifiable concentrates (1%) conforming to IS :8944 all complete. | SQM | 1000 | 0.061094103 |
| 513 | Providing and applying concrete structures two coats of ERPB (Epoxy resin based anticorrosive and chemical resistant paint) over a coat of CPCI (concrete penetrating bipolar corrosion inhibitor) with 300 to 325 micron DFT for protection of concrete against carbonation and chloride penetration in saline/marine environment all complete of approved make and as per manufacturer's recommendation | SQM | 5955 | 1.842398403 |
| 514 | Providing and applying IP net coating system (total DFT of 370 micron) to exposed concrete surfaces of approved make and as per manufacturer's recommendation. | SQM | 772 | 0.043536597 |
| 515 | Providing and laying 5 layered Bitumenous Polymeric membrane (Multiplas standard or equivalent) consisting of a central core of 90 microns thick High Molecular High Density Polyethelene (HMHDPE) film protected on both sides with polymeric asphaltic mix and further covered on both sides with protective thermofusible HMHDPE film over graded and treated concrete screed (paid under item no. 515a). The membrane shall be unrolled over the coated surface with overlap of 100mm and overlaps shall be sealed by flame. Roof with parapets, a chase 75mm dip shall be cut in the parapet at about 150mm above the roof level and membrane shall be laid as flashings in widths with a minimum overlap of 100mm. After the flashing has been properly bonded, the chase shall be cleaned and shall be filled up with cement mortar 1:4 flush with the face of the wall, and allowed to set by adequate curing, complete as per manufacturer's recommendation, specifications and directions of engineer in charge. | SQM | 900 | 0.204029086 |
| a | Providing and laying underbed grading screed layer with 40mm (min) thick plain cement concrete of grade M15 (1:2:4) with 20mm downgraded brick bats aggregate including preparation of surface, batching, mixing, leveling etc. all complete as per specifications and directions of engineer in charge. | CUM | 36 | 0.131089146 |
| b | Providing and applying of suitable approved primer (Multiplas primer or equivalent) coat over the hardened and finished concrete screed at the rate of 250g/scm etc all complete as per manufacturer's recommendation, specifications and directions of engineer in charge. | SQM | 900 | 0.017995824 |
| c | Providing and laying wearing course over treated membrane consisting of 20mm thick plaster of cement mortar 1:3 cast in panels of maximum size 3mx3m and reinforced with 0.56 mm dia. galvanised chicken wire mesh and sealing of joints (in grooves of 6mm X 6mm) using silicon /elastomeric compound etc all complete. | SQM | 900 | 0.210069722 |
| d | Providing and applying a coat of hot bitumen at not less than 1.5 kg/ sqm over membrane etc all complete as per manufacturer's recommendation, specifications and directions of engineer in charge. | SQM | 120 | 0.015029149 |
| 516 | Providing and laying 7 layered Bitumenous Polymeric membrane (Multiplas Hyper or equivalent) consisting of a central core non woven polyester mat of minimum 140 g/sqm over graded and treated concrete screed (paid under item no. 515a). The membrane shall be unrolled over the coated surface with overlap of 100mm and overlaps shall be sealed by flame etc. complete as per manufacturer's recommendation, specifications and directions of engineer in charge. | SQM | 100 | 0.033495412 |

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| 600 JOINTS AND FILLERS | | | | |
| | Joints & fillers including all labour, material, equipment, transportation, handling etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 601 | Supplying & installation of bitumen impregnated fibre board conforming to IS 1838 as joint filler at joints in concrete including nailing, coating of both faces with coal tar pitch/bitumin etc. all complete. | | | |
| c | 25 mm wide joints | SQM | 140 | 0.175340074 |
| 603 | Supplying and filling in position hot applied bitumin sealing compound (Grade A) conforming to IS 1834 including cleaning, mixing, heating, pouring/injecting sealing compound in gaps in joints including application of primer etc. all complete. | | | |
| c | 20mmX25mm | RM | 1000 | 0.011748866 |
| 604 | Supplying and filling in position hot applied bitumin sealing compound (Grade B) conforming to IS 1834 including cleaning, mixing, heating, pouring/injecting sealing compound in gaps in joints including application of primer etc. all complete. | | | |
| c | 20mmX25mm | RM | 300 | 0.003054705 |
| 606 | Providing and fixing PVC water stops in joints conforming to IS 12200 & IS 15058 all complete for the following: | | | |
| b | 230 mm wide and 8 mm thick | RM | 2130 | 0.689023988 |
| 608 | Providing and fixing joint sealing aluminium strips of minimum 18 swg. thick and 300mm wide and shall conform to IS:737 of 19000 grade of 31000 grade (edsignation as per IS:6051) all complete as per specifications and directions of engineer in charge. | RM | 100 | 0.036343158 |
| 700 EMBEDMENTS | | | | |
| | Embedments including all labour, material, equipment, transportation, handling etc. at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 701 | Supply, fabricating and fixing of mild steel embedments, inserts, pipe sleeves, angle pieces, rungs of various diameters, plates of dimensions as required etc. including welding, bolting, cutting, drilling, scaffolding, setting etc. all complete. | MT | 30 | 1.622917839 |
| 702 | Same as above with BHEL supplied material free of cost including loading, transportation, unloading etc. all complete from BHEL store to plant site. | MT | 5 | 0.08508137 |
| 703 | Fixing of embedments, inserts, pipe sleeves, angle pieces, anchor bolts of various diameters, plates of dimensions as required etc. including scaffolding, setting in position, transportation from BHEL site stores to work spot etc. all complete. | MT | 25 | 0.285321208 |
| 704 | Supply, Fabrication, transportation, delivery at site and erection, installation and alignment of mild steel foundation bolt assembly conforming to IS:2062 and grade 1 of IS:432 in concrete along with nuts, lock nuts (as per IS:1363, 1364 and IS:3138), washers, anchor plates, stiffner plates, protective tape, pipe sleeves, templates etc. including welding, cutting, grinding, threading, drilling etc. all complete. | MT | 7.2 | 0.48296298 |

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| 705 | Supplying, fabricating, erecting and installing following items in concrete/brickworks for road crossing and all kind of works, including setting material in concrete, layout, scaffolding, cutting, forming, grinding, drilling, bolting, welding, jointing, testing etc. all complete. | | | |
| b | PVC pipes / conduits of all diameters of class-1 as per IS:4985 | Quintal | 5 | 0.068961926 |
| d | Expansion fasteners (mechanical galvanised) of HILTI make or equivalent of safe tensile capacity as specified below for brick work with expansion sleeve of A6 polyamide: | | | |
| i | Upto 250 kg | Each | 100 | 0.021382936 |
| ii | Beyond 250 Kg and upto 500 kg | Each | 100 | 0.033210128 |
| iii | Beyond 500 Kg and upto 750 kg | Each | 100 | 0.053574828 |
| e | Expansion fasteners (mechanical galvanised) of HILTI make or equivalent of safe tensile capacity as specified below for concrete work with expansion sleeve of stainless steel: | | | |
| i | Upto 250 kg | Each | 100 | 0.025299225 |
| ii | Beyond 250 Kg and upto 500 kg | Each | 100 | 0.03853628 |
| iii | Beyond 500 Kg and upto 750 kg | Each | 100 | 0.060545822 |
| 800 GROUTING | | | | |
| | Grouting including all labour, material, equipment, roughening surface, cleaning, ramming, curing etc. at any level unless otherwise specified as per specification, drawings and as directed by engineer - in - charge. | | | |
| 802 | Providing & grouting of pocket holes, pipe sleeves under base plates, machinery, pipe supporting structures etc. with mix 1:1 (1 cement :1 sand) using non shrink admixture etc. all Complete. | CUM | 20 | 0.314926917 |
| 803 | Providing & grouting of pocket holes, pipe sleeves and under base plate of structural steel work/ machinery/ pipe supporting structures including roughening of surface, cleaning, ramming, curing etc. all complete with mix 1:1:2 (1 cement : 1 coarse sand : 2 aggregate of 6 mm down graded stonechips) using non shrink admixture. (Cost of all material and cleaning the pocket by compressed air shall be in the scope of the contractor). | CUM | 0.5 | 0.004680484 |
| 804 | Providing & grouting of pocket holes, pipe sleeves and under base plates of structural steel work/ machinery/ pipe supporting structures including roughening of surface, cleaning, ramming, curing etc. all complete with ConbextraGP-1 or equivalent. (Cost of all material and cleaning of the pockets by compressed air shall be in the scope of the contractor). | CUM | 2 | 0.083136541 |
| 805 | Providing & grouting of pocket holes, pipe sleeves and under base plates of structural steel work/ machinery/ pipe supporting structures including roughening of surface, cleaning, ramming, curing, etc. all complete with Conbextra GP-2 or equivalent. (Cost of all material and cleaning of the pockets by compressed air shall be in the scope of the contractor). | CUM | 2 | 0.092319455 |
| 900 DOORS, WINDOWS, VENTILATORS, LOUVERS | | | | |

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PART B: % weightage for amount of individual items of Schedule of quantity w.r.t. the total price

| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--------|--|------|----------|------------------------------------|
| | Doors, windows, ventilators, louvers, roof ventilators, rolling shutters, partitions including all labour, material, equipments, transportation, handling, preparation of working drawings etc. at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 901 | Providing and fixing wooden frame conforming to IS 4021 made of best quality seasoned CP teakwood free from large or loose knots, cracks or other defects including sand paper smoothing, hold fasts, beading, primer and finish painting / polishing etc. all complete with proper wood joinery, accurately set to required lines or levels and rigidly secured in place. | CUM | 9.3 | 0.760837521 |
| 902 | Providing and fixing teakwood frame panel door shutter as per IS 1003 with 38 mm x 150 mm vertical rail & 38mm x 125 mm horizontal rail and 15mm marine board panel (with decorative surface veneer/teak veneer on outer face and laminated plastic sheet on inside face) with proper wood joinery including beading, preparation of working drawings, godrej or equivalent make mortice lock with handels on both sides, approved ISI mark anodised fittings like door stopper, 300mm long tower bolts, 16x300mm long aldrops , 125mm long handles on both sides etc. butt hinges, sliding bolt , knobs, (all fitting shall be anodised aluminium color dyed), screws, primer and finish painting / polishing etc. all complete. | SQM | 20 | 0.05680185 |
| 904 | Providing and fixing single or double steel door shutters with 45mm thk flush design shutter comprising of two outer sheets of 18 gauge steel sheets rigidly connected and reinforced inside with continuous vertical 20 gauge stiffeners, spot welded in position at not more than 150mm on centres including void filled with mineral wool (density as per specification), all fittings, Godrej or equivalent make mortice lock with handle on both sides, shop and final paint of 250 micron epoxy based etc all complete. | SQM | 35 | 0.158480452 |
| 906 | Providing and fixing anodized extruded aluminium doors (single or double shutter) conforming to IS:1948, IS:1949 fabricated from extruded sections of Indian Aluminium Company Ltd or equivalent make having minimum 2.5mm wall thickness as per IS:1285, IS:733 and anodized and electro color coating of required shade as per IS 1868 (minimum anodized coating of 0.06mm of grade AC15). fixed with rawl plugs, expansion fasteners, SS screws / fixing clips necessary filling of gaps at Junctions, at top, bottom & sides with required PVC / neoprene felt for bi-metallic protection etc. Glazing including snap fit type beading, concealed screws, fixtures, Godrej or equivalent make Mortice lock with handle on both sides, etc all complete. The alloy used shall conform to IS designation HE 9-WP of IS:733 and section shall be smooth, free of stains, straight, mitred & jointed mechanically wherever required. (Glazing shall be paid separately) | SQM | 55 | 0.233962999 |
| 907 | Providing and fixing fire proof steel doors (single or double shutter) with panic devices shall be 45mm thk flush design comprising of two outer sheets of 18 gauge steel sheets rigidly connected and reinforced inside with continuous vertical 20 gauge stiffeners, spot welded in position at not more than 150mm on centers including all fittings, shop painting with approved post office/signal red color fire resistant paint and mineral wool insulation (64 kg/cum density) complete and shall be fire proof as per IS:3614, TAC requirements and as per specification. Minimum ratings shall be 2 Hrs. | SQM | 20 | 0.229071554 |

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PART B: % weightage for amount of individual items of Schedule of quantity w.r.t. the total price

| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--------|---|------|----------|------------------------------------|
| 908 | Providing and fixing steel windows/ventilator with steel sections @ 100 mm c/c as per IS:1038, IS:1361 & IS:7452 latest revision and with 12 mm square MS safety bars including all fittings, metal beadings, hold fasts, shop and final paint of 250 micron epoxy based, glazing etc. all complete. (Glazing shall be paid separately) | | | |
| a | openable type | SQM | 100 | 0.217275693 |
| b | fixed type | SQM | 100 | 0.208189903 |
| 909 | Providing and fixing anodised aluminium work of Indian Aluminium Company Ltd or other equivalent approved make having minimum 2.5mm thickness for door frames, windows, ventilators, partitions, railing etc with extruded standard tubular and other sections including all fittings & fixtures and accessories of approved make conforming to IS733 and IS1285, anodised and electro color dyed to required shade according to IS 1868 (minimum anodic coating of 0.06mm of grade AC15), fixed with rawl plugs, expansion fasteners, SS screws or with fixing clips, including necessary filling of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt for bi-metalllic protection etc.including preparation of working drawings, aluminium cleat angle, aluminium snap-on-beading for glazing/panelling, stair case tread nosing, with all fittings and fixtures (like tower bolts, handles, door stopper with rubber shoes, 'L' drops, stays, floor springs, hydraulic door closures etc.), CP brass/stainless steel screws, providing and fixing hinges/pivots, and making provision for fixing of fitting wherever required including cost of PVC/neoprene gasket, all complete as per drawing, specification and instructions of engineer in charge (Glazing and panelling shall be paid seperately).Weight of aluminium section only shall be measure. The alloy used shall conform to IS designation HE 9-WP of IS:733 and section shall be smooth, free of stains, straight, mitred & jointed mechanically wherever required. | Kg | 1000 | 0.354032492 |
| 911 | Providing and fixing of door closers as per IS 3564 ,of approved make & quality all complete of following type : | | | |
| a | Over head hydraulic door closures | Each | 25 | 0.029920445 |
| b | Floor mounted Hydraulic door closers | Each | 20 | 0.040745067 |
| 912-a | Providing and fixing pressed steel door frames from commercial mild steel 18 gauge sheet conforming to IS 4351, including hinges jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.6mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5mm thick with mortar guards, lock strike plate and shock absorbers and specified and fixing with adjustable lugs with split end tail to each jamb applying a coat of approved steel primer after pre-treatment of the surface and finish paint of 250 micron epoxy based etc. all complete as per drawing, specification and instruction of engineer in charge. | kg | 735 | 0.063326387 |

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| 913 | Providing and fixing in position PVC coated rolling shutter of hot rolled double dipped galvanised steel lath section of 18 SWG tested mild steel strips at 75mm rolling centres with effective bridge depth of 12 mm lath sections, interlocked with each other and ends locked with malleable cast iron clips to IS: 2108 and shall be designed to withstand a wind load of 200 Kg/m ² without excessive deflection. The guides shall be either rolled or pressed deep channel sections 75 mm and 25 mm wide fitted with necessary fitting and fixtures. The suspension shaft shall be formed from heavy duty tubes conforming to IS:1161 and of sufficient diameter so as to resist deflection due to weight of the rolling shutter. The deflection shall not exceed 5 mm/ metre width. The shaft shall be provided with CI pulleys and helical springs for counter balancing the weight of the shutter adequately. The springs shall be approved high tensile flat springs conforming to Grade 2 of IS:4454. These shall be fitted inside the fabricated housing of either ends which counter-balance the shutter curtain. The ball bearings shall be double row self-aligning ball bearings fitted inside C.I. housing fixed on side brackets holding the suspension shaft at either end. The roller assembly shall be designed so as to be capable of producing sufficient torque to ensure easy operation of the rolling shutter in any position. The spring tension shall be adjustable by means of suitable adjustments holes drilled on the rims of the pulley. The hood cover shall be made of 20 gauge galvanized sheets with necessary stiffeners and framework to prevent sag. The bottom lock plate shall be made of 5 mm thick M.S. plate and 95 mm wide | | | |
| b | Mechanically Operated | SQM | 20 | 0.060169858 |
| c | Electrically operated | SQM | 200 | 1.022934589 |
| 914 | Providing and fixing PVC doors(25 thk double skin) of sintex or equivalent make including all fitting & fixtures as per specification, drawing and instructions of engineer in charge. | SQM | 10 | 0.020764162 |
| 915 | Providing, fixing and fitting of glazing of first grade class in steel/aluminium/wooden frames, where ever required, cleaning after fixing including hardware, gaskets, clips, beadings etc. all complete. | | | |
| a | 4 mm thick plain glass sheet | SQM | 100 | 0.035559901 |
| d | 6 mm thick plain glass sheet | SQM | 50 | 0.028980536 |
| i-a | Two nos. 6 mm thick laminated safety glass hermetically sealed and separated by 12 mm thick air gap for thermal insulation (only single elevation area to be measured) | SQM | 150 | 0.339424735 |
| I | 6.3 mm thick laminated safety glass | SQM | 100 | 0.09430423 |
| J | 6 mm thick wired glass | SQM | 300 | 0.174118192 |
| 918 | Providing and fixing steel louvered window with ISMC 100 frame all round including verticals with 18G pressed steel louvers, painting with 250 micron epoxy based paint etc. all complete. | SQM | 70 | 0.164593778 |
| 920-a | Skylight (polycarbonate sheets): Supply and installation of 2mm thick clear embossed polycarbonate sheet (sabic India make) (polycarbonate profile to match with standing seam profile with side laps to be clamped with bare galvalume sheets of 0.55mm (tct), which can be further seamed with metal roof sheets. Product required is clear embossed with both sides UV stabilizer, having at least 60-80 % transparency, confirming to the relevant IS code including cutting to shape and size as required including necessary sealants (silicon sealants/ butyl sealants for transverse laps). Including all materials, tools & tackles, labour etc. required for completing the work in all respect as per direction of engineer in-charge. | SQM | 50 | 0.072098874 |
| 1000 BRICKWORK | | | | |

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| | Brickwork masonry including all labour, material, equipment, transportation, handling, scaffolding etc. at all levels as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1001 | Providing brick work in cement mortar 1:6 (1 part cement 6 parts coarse sand) in walls, chambers etc. in thickness varying from 230mm to 460mm at all depths, places and positions below plinth including raking out joints, curing, scaffolding etc. complete excluding plastering and painting. | | | |
| d | Using burnt clay bricks of class designation 5 of nominal dimension | CUM | 928 | 2.220874273 |
| 1002 | Providing brick work in cement mortar 1:6 (1 cement 6 coarse sand) in walls, chambers etc. in thickness 230mm at all heights, places and position above plinth including raking out joints, curing, scaffolding etc complete excluding plastering and painting. | | | |
| d | Using burnt clay bricks of class designation 5 of nominal dimension | CUM | 415 | 1.027793143 |
| 1003 | Providing brick work in cement mortar 1:4 (1 cement 4 coarse sand) in partition walls , chambers etc. in thickness 115mm at all heights, places and position above or below plinth/graded level including providing two nos. 6 mm diameter MS bars at every third layer, raking out joints, curing, scaffolding etc complete excluding plastering and painting as per specification. | | | |
| d | Using burnt clay bricks of class designation 5 of nominal dimension | SQM | 465 | 0.088927643 |
| 1006 | Breaking of existing brick work at all levels including plastering, removing the rubbish up to a distance of 500 m including transportation, loading, unloading etc. all complete as directed by the engineer. | CUM | 1 | 0.000672035 |
| 1009 | Making openings in existing brick wall or partition wall including making good the broken edges/surface with cement mortar etc. complete. | CUM | 5 | 0.004503732 |
| 1010 | Supply and placing in position mild steel wire fabric of square mesh 25 mm size and wire diameter of 2 mm for encasing of steel sections in concrete including cutting, bending, fixing etc. complete. | SQM | 500 | 0.098298845 |
| 1011 | Filling existing brick wall/ partition wall opening at all level including making good the broken edges/surface with cement mortar, painting, finishing to match with existing finishing, scaffolding/supporting at any level, removal of debris upto a lead of 1 km including loading, unloading, transportation etc. all complete. | SQM | 10 | 0.005208664 |
| 1100 DAMP PROOF COURSE | | | | |
| | Damp proof course including all labour, material, equipment, transportation, handling, shuttering, centering, curing etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1102 | Providing Damp Proof Course 40mm thick 1:2:4 concrete (6mm and down graded aggregate) with 2% of approved admixture of water proofing compound all complete. Two layers of hot bitumen coating 85/25 grade as per IS:702 @ 1.7Kg./sqm shall be applied one before & one after the DPC. | SQM | 182 | 0.021020179 |
| 1200 CEMENT MORTAR PLASTER | | | | |

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| | Cement mortar plaster including making grooves wherever required including all labour, material, scaffolding, curing etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1201 | Providing 20mm thick plaster in two layers outside the building/boundary wall in cement mortar 1:3 on walls, finished to a smooth finish including providing 3mmx3mm size grooves at junctions of two dissimilar materials all complete. | SQM | 2500 | 0.189223604 |
| 1202 | Providing 12mm thick plaster inside the building/boundary wall in cement mortar 1:3 on walls finished to a smooth finish as per specification all complete. | SQM | 2800 | 0.167158661 |
| 1204 | Providing 6mm thick plaster on ceiling in cement mortar 1:3 finished to a smooth all complete. | SQM | 2600 | 0.187520815 |
| 1208 | Providing drip coarse on plastered surface at all elevations for all type of work such as chajjas, parapet, projections etc. including scaffolding, finishing etc. complete with all labour, tools and plants as per specification, drawing and instructions of engineer in charge. | RM | 100 | 0.001879819 |
| 1300 FINISHES TO CONCRETE / PLASTERED SURFACES | | | | |
| | Finishes, painting to concrete, plastered surfaces including all labour, material, equipment, surface preparation, scaffolding etc. at any level as per specification, drawings and as directed by engineer - in - | | | |
| 1301 | Three or more coats of white wash/ colour wash as per IS 6278 of approved brand and manufacture ove a primer coat to give an even shade including cost of primer and paint, surface preparation etc. all complete as per manufacturers guideline. | SQM | 1450 | 0.018171579 |
| 1303 | Providing and applying two or more coats of oil bound destemper as per IS 428 of approved brand, shade and manufacture to give smooth, hard, durable & glossy finish over a coat of primer over prepared plaster surface, including cost of primer and paint, surface preparation etc. all complete as per manufacturers guideline. | SQM | 1500 | 0.088116494 |
| 1305 | Providing and applying two or more coats of acrylic plastic emulsion paint as per IS 15489 of approved brand, shade and manufacture to give smooth, hard, durable & glossy finish over two coat of primer over prepared plaster surface including cost of primer and paint, surface preparation etc. as per manufacturers guideline. | SQM | 990 | 0.092275593 |
| 1312 | Providing and applying 3 mm thick plaster of paris punning on walls including preparation of surface, staging, etc. to achieve a smooth even surface all complete as per manufacturers guideline. | SQM | 990 | 0.05272891 |
| 1313 | Providing and applying ready made Epoxy Paint over areas other than steel structure with suitable pigments of approved shade over a primer and prepared plaster surface including cost of primer and paint, surface preparation etc. as per manufacturers guideline. The epoxy paint shall be a two pack material and shall be resistant to water, splash, spillage & acidic environment. The epoxy paint coating shall be of 250micron thickness over epoxy primer. | SQM | 1900 | 0.514913629 |

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| 1316 | Providing and applying acid resistant resin based epoxy coating of approved brand over two coats of Dekguard S manufactured by FOSROC or equivalent after necessary cleaning/ washing, preparing the surface using coir brush/ wire brush, sand paper, including cost of primer and paint, surface preparation, filling of cracks with putty wherever required etc. all complete to give smooth, hard, durable finish over prepared plaster surface as per manufacturers guidelines. | SQM | 70 | 0.018970502 |
| 1317 | Providing and applying two or more coats of Apex Ultima/ Exterior weather shiled from ICI or equivalent paint of approved brand and manufacture and required shade over one coat of primer after necessary cleaning/ washing, preparing the surface using coir brush/ wire brush, sand paper, including cost of primer and paint, surface preparation, filling of cracks with putty wherever required etc. all complete to give smooth, hard, durable & glossy finish over a coat of primer over prepared plaster surface as per manufacturers guidelines. The final finished coating shall be fungus resistant, UV resistant, water repellent and extremely durable with color fastness as per specification. | SQM | 2420 | 0.225685843 |
| 1718 | Providing and applying 2 or more coats of acid/alkali resistant chlorinated rubber based paint of approved brand and colour over a coat of chlorinated rubber based primer, as per manufactures instructions over plastered surfaces. including cost of primer and paint, preparation of sufaces, scaffolding etc., all complete as per per manufacturers guidelines. | SQM | 120 | 0.029607142 |
| 1400 FLOORING AND SKIRTING | | | | |
| | Flooring and skirting at any level including base layer, labour, material, equipments, transportation, handling, curing, polishing etc. at any level as per specification, drawings and as directed by engineer - in - charge | | | |
| 1401-a | Providing and laying 40 mm thick Indian Patent Stone (IPS) flooring and skirting with non-metallic hardener NITOFLOOR HARDTOP or equivalent topping 12mm thick uniform graded flooring. Under layer of 28mm thick cement concrete mix 1:2:4 (1 cement: 2 sand : 4 stone aggregates 10mm well graded) and top layer of 12mm thick non-metallic concrete of mix 1:3 (1 cement hardner mix with approved quality non-metallic hardening compound as per manufacturer specification :3 stone aggregate 6mm nominal size) by volume including cement slurry, rounding off edges, aluminium strips etc. all complete for following (Quoted item rate shall be inclusive of providing glass joint strips): (In absence of manufacturer direction,surface hardner application rate shall be 7 kg/sqm) | SQM | 3000 | 0.758728386 |

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| 1401-b | Providing and laying 40 mm thick Indian Patent Stone (IPS) flooring and skirting with metallic hardener NITOFLOHARDTOP or equivalent topping 12mm thick uniform graded flooring. Under layer of 28mm thick cement concrete mix 1:2:4 (1 cement: 2 sand : 4 stone aggregates 10mm well graded) and top layer of 12mm thick metallic concrete of mix 1:3 (1 cement hardner mix with approved quality metallic hardening compound as per manufacturer specification :3 stone aggregate 6mm nominal size) by volume including cement slurry, rounding off edges, aluminium strips etc. all complete for following (Quoted item rate shall be inclusive of providing glass joint strips): (In absence of manufacturer direction, one part of metallic hardner shall be mixed dry with 4 part of cement by volume) | SQM | 670 | 0.210592301 |
| 1412-a | Providing and laying 20 mm thick polished Granite stone of approved black color and texture in flooring with brass/ stainless steel strips. Under bed shall average 15 mm thick of 1 cement : 3 sand by weight and brought to proper level. The granite stone slabs/tiles laid over under bed, pressed and tapped down with wooden mallet to the proper level, lifted and pressed again with thick cement slurry spread over the surface with fine joint finished including pigments, curing, grinding, granite polishing etc. all complete. | SQM | 220 | 0.579157828 |
| 1414 | Providing and laying 20 mm thick polished Granite stone of approved black color and texture in skirting and dado with 6mm thick projection from adjacent plaster including mortar ,cement slurry ,pigments, curing, grinding,moulding, granite polishing etc. all complete. | SQM | 10 | 0.027295322 |
| 1432 | Providing and laying vitrified ceramic tiles of polished variety of size 600x600 make 'MARBONITE' or equivalent in flooring and skirting over 30 mm thick underbed of 1 part cement and 3 parts coarse sand by weight mixed with sufficient water, complete as per specification laid in pattern of following sizes | | | |
| a | 10mm thick tiles In skirting and dado upto specific height | SQM | 280 | 0.263345766 |
| 1433 | Providing and laying non-skid Ceramic Tiles of 6mm thick of reputed manufacturer of approved finish shade and colour in flooring and dado including 19mm thick underbed of cement mortar 1:3 with neat cement slurry etc. all complete. | | | |
| a | 400X200 mm | SQM | 50 | 0.048838507 |
| 1434 | Providing & fixing 25 mm thick Acid / Alkali resistant (Chemical resistant) tiles confirming to IS: 4457 in flooring/Dado and shall be laid over under bed layers and total thickness shall be 50mm. The under bed layers shall be laid in three layers. The first layer shall be composed for 1 part cement and 3 parts river sand with just enough water to make the mix workable. The second layer consist of 3 mm thick hot blown bitumen confirming to IS: 702 of grade 85/25 and shall be applied in three coat with brush or spray. The third layer shall be 6 mm thick acid proof mortar as specified by manufacturer. Including cost of tiles, under bed layers, preparation of surface, curing etc. all complete. The tiles should be abrasion resistant & durable. | SQM | 230 | 0.481554176 |

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| 1435 | <p>Providing and fixing false flooring all complete as below: Floor Panels for False Flooring: Floor panels for false flooring shall be of 600x600x32 mm cement fill metallic false flooring panels with 1.2 mm thick antistatic, high abrasion resistance, high pressure laminate tiles on faced on top (Lloyd insulations or approved equivalent) unless otherwise specified. All steel works and stools shall be provided with two coats of polyurethane paint over a coat of approved primer. Each panel shall have PVC beading on all edges. The floor panels shall be of completely removable type. The clearance under the floor shall be as per drawing, the floor panels shall be cut wherever required for providing suitable outlets for cables etc. Supporting arrangement for false flooring: The supporting arrangement for cement fill metallic panels false flooring shall consist of seamless pipe 25 mm. outer dia and 100x100x12 mm thick base plates. The pipes shall be fixed on the floor @ 600 mm c/c with 50x6 mm metal screw with nilon rowal plug. The pipe heads will have MS check nut and M18x 100 long studs with jack head zinc plated of size 90x90x4 mm thick over which GI stringer 30x20x1.5 thk having pre punched holes 6 mm dia for the fixing of panels. The pedestals will have level adjustments to ± 25 mm for levelling. Each pedestal shall be able to support a load of 2500 kg without deformation. All steel framework shall be hot dip galvanised.</p> | SQM | 450 | 2.14616533 |
| 1500 ROOFING / SIDE CLADDING | | | | |
| | Roofing / side cladding work including all labour, material, equipment, transportation, handling, scaffolding, laps, hooks, washers, corner pieces etc. at any level as per specification, drawings and as directed by engineer-in-charge. | | | |
| 1511 | <p>Designing, providing and fixing Permanent colour coated sandwiched insulated metal side cladding system including fixing to supports / rails by concealed fixing system, corrosion resistant self tapping / self drilling type fasteners with suitable cap, flashing etc. all complete. consisting a) Troughed zinc - aluminium alloy coated (both sides) M.S. sheets of 0.8 mm bare metal thickness having minimum yield strength 250 MPa (or high tensile steel sheet of 0.5 mm minimum thickness) shall be used on external face (outer face) of cladding system. Weight of coating shall not be less than 150 gm /sq.m. The outer side (exposed face) shall be permanently colour coated with Polyfluro Vinyl Coating (PVF2) of Dry Film Thickness (DFT) 40 microns (min) over primer. Inner side of external sheet shall be provided with suitable pre-coating of minimum 7 microns. Double dip Galvanized (475 gm/sq.m) MS sheets of minimum 0.8 mm thickness shall be used as inner liner (internal face) of cladding system. The exposed face shall be permanently colour coated with silicon modified polyester paint of DFT 40 microns (min) over primer. Other face of internal sheet shall be provided with suitable pre-coating of minimum 7 microns. The permanent colour coated sheet shall meet the general requirements of IS : 14246 and shall conform to class 3 for the durability. Inner sheet shall fixed directly to side runners and Z spacers made of at least 2 mm thick galvanized steel sheet of grade 375 as per IS : 277. Inner sheet shall be fixed at the rate not more than 1.50 m center to center to hold the insulation and external sheeting.</p> | SQM | 3300 | 8.175565811 |

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| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--------|---|------|----------|------------------------------------|
| 1512 | <p>Designing, providing and fixing Permanent colour coated sandwiched insulated metal roof cladding system including fixing to supports / rails by concealed fixing system, corrosion resistant self tapping / self drilling type fasteners with suitable cap, flashing etc. all complete. consisting</p> <p>a) Troughed zinc - aluminium alloy coated (both sides) M.S. sheets of 0.8 mm bare metal thickness having minimum yield strength 250 MPa (or high tensile steel sheet of 0.5 mm minimum thickness) shall be used on external face (outer face) of cladding system. Weight of coating shall not be less than 275 gm /sq.m. The outer side (exposed face) shall be permanently colour coated with Polyfluro Vinyl Coating (PVF2) of Dry Film Thickness (DFT) 40 microns (min) over primer. Inner side of external sheet shall be provided with suitable pre-coating of minimum 7 microns.</p> <p>Double dip Galvanized (475 gm/sq.m) MS sheets of minimum 0.8 mm thickness shall be used as inner liner (internal face) of cladding system. The exposed face shall be permanently colour coated with silicon modified polyester paint of DFT 40 microns (min) over primer. Other face of internal sheet shall be provided with suitable pre-coating of minimum 7 microns.</p> <p>The permanent colour coated sheet shall meet the general requirements of IS : 14246 and shall conform to class 3 for the durability.</p> <p>Inner sheet shall fixed directly to side runners and Z spacers made of at least 2 mm thick galvanized steel sheet of grade 375 as per IS : 277. Inner sheet shall be fixed at the rate not more than 1.50 m center to center to hold the insulation and external sheeting.</p> | SQM | 1100 | 2.452669743 |
| 1513 | <p>Designing, providing and fixing Permanent colour coated non-insulated metal side cladding system consisting Troughed M.S. sheets of 0.6 mm bare metal thickness having minimum yield strength 250 MPa and zinc-aluminium alloy coating not less than 150 gm/sqm total on both sides including fixing to supports / rails by concealed fixing system, corrosion resistant self-tapping / self-drilling type fasteners with suitable cap, flashing etc. all complete. The outer side (exposed face) of the sheet shall be permanently colour coated with Polyfluro Vinyl Coating (PVF2) of minimum dry film thickness (DFT) 20 microns over suitable primer. Inner side (internal face) of the sheet shall be coated with same paint of minimum DFT 12 microns over suitable primer.</p> <p>The permanent colour coated sheet shall meet the general requirements of IS : 14246 and shall conform to class 3 for the durability.</p> | SQM | 350 | 0.378587622 |
| 1514 | <p>Designing, providing and fixing Permanent colour coated non-insulated metal roof cladding system consisting Troughed M.S. sheets of 0.8 mm bare metal thickness having minimum yield strength 250 MPa and zinc-aluminium alloy coating not less than 275 gm/sqm total on both sides including fixing to supports / rails by concealed fixing system, corrosion resistant self-tapping / self-drilling type fasteners with suitable cap, flashing etc. all complete. The outer side (exposed face) of the sheet shall be permanently colour coated with Polyfluro Vinyl Coating (PVF2) of minimum dry film thickness (DFT) 20 microns over suitable primer. Inner side (internal face) of the sheet shall be coated with same paint of minimum DFT 12 microns over suitable primer.</p> <p>The permanent colour coated sheet shall meet the general requirements of IS : 14246 and shall conform to class 3 for the durability.</p> | SQM | 450 | 0.554901285 |

Job: Execution of Civil works comprising taking over of piles from Piling agency, carrying out pile caps of piles, Entire Civil works for GTG Foundation, STG foundation, HRSG Foundation, AUX Foundations, Pipe Racks, Dearator , GTG Hall, STG Hall, SWGR cum Control cum Cellar Buldg, DG shed, IA& workshop shed etc including BOP Civil, roads, drains, culverts, cable & pipe trenches with/without sand filling, all complete(Excluding Piling and structural works) for Combined Cycle Captive Power Plant, ONGC Hazira, Gujarat.

PART B: % weightage for amount of individual items of Schedule of quantity w.r.t. the total price

| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--|---|------|----------|------------------------------------|
| 1515 | Rain Water Gutter: Supply & installation of leak proof rain water gutter fabricated out of plain pre-painted Galvanized (min. coating 275 gm / sq. m) M.S. sheets of 1 mm bare metal thickness having minimum yield strength 250 MPa with 2mm thick FRP coating on all joints min. 300mm overlap of girth. Cost includes proper supporting structure and necessary arrangement for maintaining slope complete as per manufacturers' specification. Water discharge calculation to be provided by the contractor before procurement of material at site. | RM | 150 | 0.142396254 |
| 1600 FALSE CEILING | | | | |
| | False ceiling including all labour, material, equipment, transportation, handling, suspension system etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1603-a | Providing and fixing false ceiling system consisting of Ceiling Panels: Ceiling panels shall be square edged plain panels, 84 mm wide x 15 mm deep with 25mm recessed flanges, formed out of 0.5mm thick corrosion resistant aluminium alloy electrically power coated in approved colour made of Luxalon 84C or approved equivalent including all splices, fittings etc. complete as per manufacturers specifications. Suspension system for aluminium panels: The panels shall be supported on formed carriers, 15 mm wide at top and 43 mm deep, made out of 0.91 mm min. thick aluminium alloy electrically powder coated in stain black with protruding cars to hold panels in a module of 100 mm (16 mm gap between the panels) at a maximum spacing of 1.3 metres. Carriers shall be suspended from the slab/roof by 4 mm dia galvanised steel wire/rod hangers with height adjustment suspension springs made out of galvanised spring steel hangers, fixed to slab by J hooks and nylon inserts. Edges of the ceiling shall be trimmed with suitable matching edge profiles to cover the gap between the false ceiling and the walls etc. complete as per manufacturers specifications. Note: Additional hangers and height adjustment clips shall be provided for return air grills, light fixtures, A.C. ducts etc all complete. | SQM | 650 | 1.196935293 |
| 1607 | Providing and fixing under deck insulation of 50 mm thick resin bonded mineral wool confirming to IS 8183 having a density of 32 kg/cum glass wool or 48 kg/cum for rock wool with one face having aluminium foil of 0.05 mm thickness including slotted angles 50x50x6, 50mm long fixed to underside of slab with anchor fasteners at 600mm c/c in both direction, fixing of insulation to the underside of slabs at 600 mm centre in both direction with suitable adhesive as per manufacture's recommendation keeping aluminium foil face of insulation at bottom, holding the insulation in position by means of 25mm x 24 SWG GI wire net tied to slotted angles etc. all complete as per specification and instruction of the engineer. | SQM | 650 | 0.246921998 |
| 1700 RAIN WATER DOWN TAKE PIPES | | | | |

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|---------------------------------|---|------|----------|------------------------------------|
| | Rain water down take pipes including all labour, material, transportation, 2 coats of approved paint over one primary coat, fixtures, accessories etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1706 | Providing and fixing UPVC down take pipes of 160mm diameter- Class 3 as per IS:4985 with suitable grating at mouth all complete. | RM | 200 | 0.130490737 |
| 1707 | Providing and fixing GI down take pipes conforming to IS:1239 /IS:3589 of medium duty CI grating at mouth all complete for following diameters. | | | |
| b | 150 mm Dia | RM | 200 | 0.237327091 |
| 1800 MISCELLANEOUS WORKS | | | | |
| | Miscellaneous works including all labour, material, equipment etc. at any level unless otherwise specified as per specification, drawings and as directed by engineer - in - charge. | | | |
| 1801 | Providing and Filling in trenches, plinths, foundations, area paving and other underground structures with graded stone aggregate of size range 63 mm to 45 mm in layers not exceeding 230 mm in thickness including breaking of stone boulders to required sizes, filling the interstices with selected sand and compacting to 85 % of original volume of stone stack for all lifts etc. all complete. Payment shall be made for the measurement of the volume of the compacted fill. | CUM | 200 | 0.2078766 |
| 1803 | Anti termite chemical treatment of soil with Chlorpyriphos/Lindane E.C. 20% with 1% concentration conforming to IS:8944 and as per IS 6313 all complete. (Plinth area of building at ground floor only shall be measured for payment) | SQM | 2160 | 0.125195915 |
| 1805 | Providing 50mm thick premix carpet surfacing laid to slope in two layers 30mm and 20mm respectively with 12mm downgraded stone chips mixed with 80/100 grade bitumen @ 52 Kg/Cu.M including compaction etc. all complete. | SQM | 200 | 0.057021162 |
| 1806 | Providing 50mm thick anti corrosive layer laid to required slope consisting of clean & well graded coarse sand mixed with A90 grade bitumen for softening point upto 45 degree Celcius or A65 grade bitumen for softening point above 45 degree celcius as per IS: 73 or its equivalent quality 8 to 10% by volume and rolled or compacted all complete. | SQM | 200 | 0.077699166 |
| 1808 | Providing and fixing aluminium strips minimum 18 SWG thk and 300mm wide over expansion joints with minimum lap of 50mm length including brass / aluminium screws, rawl plugs etc. all complete. | Kg | 100 | 0.036343158 |
| 1810 | Providing, laying and fixing rails and guide rails in concrete for transformer, rail track including cutting of rails, joining of rails, anchoring lugs etc all complete. | MT | 5 | 0.323477608 |
| 1812 | Laying of earthing mats/rods including risers, transportation from yard stores, loading, unloading, cutting to length, welding, protective painting of joints etc. all complete. (Excavation & Back filling shall be paid separately under respective item of earth work. Earthing mats/rods shall be supplied by BHEL free of cost) | MT | 55 | 0.525867488 |

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|-------------------------------|---|------|----------|------------------------------------|
| 1814 | Construction of below ground earthing system test pits as per drawing/sketches including brickwork, plaster, concreting, reinforcement, formwork, providing & fixing GI strips/pipes, GI wires, covers etc as per drawing & specification including associated earthwork. | EACH | 70 | 0.259281805 |
| 1815 | Providing and fixing GI rungs in concrete/brick walls having zinc coating of minimum 900 g/sqm etc. all complete. | Kg | 100 | 0.007989229 |
| 1817 | Providing and fixing HDPE pipes in concrete/ brick work of following sizes including cutting, fixing and levelling in position etc. all complete. | | | |
| a | Upto 75 mm dia | RM | 10 | 0.002263615 |
| 1818-a | Providing and laying 200mm thick stone pitching including caulking with in 1 cement : 6 sand mortar with raised pointing in 1 cement : 3 sand mortar on the slopes of earth fill/cut with approved quality of rock fragments including materials, testing, necessary excavations if any, compaction etc all complete as per specification, drawing and as directed by the engineer. | SQM | 100 | 0.093520972 |
| 1823 | Fire proofing of steel structures with VERMICULITE cementious coating including supply of all materials for vermiculite materials, reinforcement mesh (3mm thick wire, 50x50 size mesh) , nuts, tie wires, weldings, suface preparation, curing, staging, compatible paintings etc. all complete. | CUM | 100 | 5.042014649 |
| 1825 | Supply and laying approved quality granite stone 40mm size in transformer yards. | CUM | 300 | 0.298186216 |
| 1828 | Dismantling old existing reinforced/non-reinforced brickwork/blockwork/stone masonry work in mud/lime/ cement mortar at any level including clearing/cleaning, stacking the serviceable materials at plant site and disposal of unserviceable materials within a lead upto1km all complete. | CUM | 20 | 0.012453798 |
| 1829 | Dismantling old existing plain/re-inforced concrete work at any level including clearing/cleaning, stacking the serviceable materials at plant site and disposal of unserviceable materials within a lead upto 1km all complete. | CUM | 20 | 0.03701676 |
| 1830 | Dismantling old existing structural steel work at any level including plates, bolts, cutting rivets, welding, dismembering and stacking the dismantled materials within a lead upto 1km etc all complete. | MT | 5 | 0.038356131 |
| 1834 | Providing and fixing GI pipes & elbows of medium duty of Class-“B” Type confirming IS:1239 in concrete/ brick work of following sizes including cutting, fixing and levelling in position etc. all complete. Galvanizing shall be minimum 360gram/Sq.meter confirming to IS:6745, IS:2629 & IS 4736. | | | |
| a | 50 NB pipe | RM | 100 | 0.05345734 |
| b | 100 NB pipe | RM | 75 | 0.061681546 |
| c | 150 NB pipe | RM | 50 | 0.059331773 |
| b | 50 NB elbow | EACH | 30 | 0.032056255 |
| c | 100 NB elbow | EACH | 20 | 0.02464651 |
| b | 150 NB elbow | EACH | 12 | 0.017736012 |
| 1835 | Supply and installing 25mm deep FRP grating of approved make including manufacturer’s clip fixing system on drain all complete. | SQM | 20 | 0.013613019 |
| | | | | |
| | | | | |
| 2000 FENCING AND GATES | | | | |
| | | | | |

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|--------------------------|--|------|----------|------------------------------------|
| | Fencing and gates including all labour, material, equipment etc at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 2007 | Supply and fixing of hot dip galvanised mild steel posts for fencing. Rate of zinc coating shall not be less than 710 g/m ² on steel posts. | MT | 2 | 0.14968995 |
| 2011 | Supplying and erecting in position 2.4 m high PVC coated gavanised chain linked fencing conforming to IS 2761 of 10G (excluding PVC coating) hot dip galvanised steel wires woven in the form of zig-zag mesh giving an opening size of 50 mm square. Cost to include for 6 mm dia. GI hook bolts, rings & washers, hot dip galvanised tension wires, 25X6 mm GI flat stretcher bar at end posts, accessories etc. all complete. (Structural post shall be separately under ST No. 2007) | RM | 100 | 0.138714943 |
| 2100 WATER SUPPLY | | | | |
| | Water supply work including men, material, equipment etc. at any level as per specification, drawings and as directed by engineer - in - charge. | | | |
| 2101 | Providing and fixing in position tested heavy duty type chromium plated (CP) brass long neck bib cocks including sockets, union, nuts etc all complete - 15mm nominal bore. | EACH | 10 | 0.005937094 |
| 2104 | Providing and fixing GI pipes class B medium class conforming to IS:1239 pipes shall be concealed and painted with anticorrosive paint, complete for internal works with GI sockets, unions, elbows, tees, nipples etc and clamps including cutting and making good the walls etc all complete for following sizes: | | | |
| a | 15 mm nominal bore. | RM | 20 | 0.00407294 |
| b | 20 mm nominal bore. | RM | 80 | 0.019174149 |
| c | 25 mm nominal bore. | RM | 20 | 0.005999754 |
| 2105 | Providing and fixing GI pipes class B complete for external work with GI sockets, unions, elbows, tees, nipples etc including trenching & refilling, anti-corrosive paint etc all complete for following sizes: | | | |
| b | 20 mm nominal bore. | RM | 20 | 0.005138171 |
| c | 25 mm nominal bore. | RM | 80 | 0.025690853 |
| 2106 | Providing and fixing 610mmx453mmx6mm thk mirror from reputed mirror manufacturer. Mirror shall be mounted with glass adjustable revolving CP brackets with CP screws etc all complete. | EACH | 5 | 0.003677395 |
| 2107 | Providing and fixing 610mmx127mmx6mm thk clear glass with C.P. Guard rails and mounted on C.P. brackets etc all complete. | EACH | 5 | 0.003019459 |
| 2108 | Providing and fixing 25 mm diameter stainless steel towel rails (600mm X 25mm) all complete. | EACH | 5 | 0.003626483 |
| 2109 | Providing and fixing 20mm dia chromium plated M.S. pipes wall mounted towel rod with C.P. Brackets etc all complete. | EACH | 5 | 0.002428099 |
| 2110 | Providing and fixing C.P. soap holder mounted with C.P. screws etc all complete. | EACH | 5 | 0.001582181 |
| 2111 | Providing and fixing stainless steel / C.P. liquid soap dispenser . Dispenser shall be round and easily revolving with removable threaded nozzle and mounted on C.P. brackets etc all complete. | EACH | 5 | 0.00241635 |
| 2112 | Providing and fixing glazed vitreous wall mounted paper holder with suitable cover cum cutter fitted with CP screws etc. sll complete. | EACH | 5 | 0.002208787 |

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|--|--|------|----------|------------------------------------|
| 2113 | Providing and fixing chromium plated brass shower rose with 15 or 20 mm inlet all complete. | EACH | 5 | 0.003497246 |
| 2114 | Providing & fixing in position P.V.C. water tank of Syntex or approved equivalent including making all necessary inlet & outlet pipes, fixture, ball cocks, valves etc all complete for following capacities. GI pipes shall be paid separately under ST No. 2105. | | | |
| a | 1000 litres capacity | EACH | 1 | 0.006269978 |
| b | 2000 litres capacity | EACH | 2 | 0.024744678 |
| c | 5000 litres capacity | EACH | 2 | 0.062901861 |
| 2115 | Providing and fixing approved stainless steel sink with integrated drainboard as per IS:13983 of size 915x460x178mm with CI brackets, stainless steel chain with rubber plug 40mm, cp brass waste trap with necessary union complete including painting the fittings, cutting and making good the wall where required etc. all complete. | EACH | 1 | 0.003683661 |
| 2200 SANITARY WORKS | | | | |
| Sanitary work including all labour, material, equipment etc. at any level as per specification, drawings and as directed by engineer - in - charge. | | | | |
| 2201 | Supply and fixing glazed vitreous china Wash Basin conforming to IS:2556 part 4 of oval shape with R.S. or C.I. brackets painted white, 15mm chromium plated brass hot & cold faucets with nylon washers, chromium plated brass chain with rubber plug, 32mm chromium plated brass bottle trap and waste of standard pattern, 32mm dia chromium plated brass trap unions, plastic connection pipe with chromium plated nuts, fittings, cutting and making good the walls where required etc all complete. | | | |
| a | White | EACH | 6 | 0.021881088 |
| 2202 | Providing and fixing approved vitreous china laboratory sink of size 600x400x200mm conforming to IS:2556 (part-5) with R.S. or C.I. brackets, chromium plated brass chain with rubber plug 40mm, CP brass waste and 40mm CP brass trap with necessary union complete including painting the fittings, cutting and making good the wall where required etc. all complete. | EACH | 5 | 0.02254999 |
| 2203 | Providing and fixing stainless steel kitchen sink of size 610x510x200mm conforming to IS: 13983 including all fittings etc. all complete. | EACH | 1 | 0.003225455 |
| 2204 | Providing and fixing colour glazed vitreous china European type water closet conforming to IS:2556 with siphon, open front solid plastic seat and plastic cover, low level 15 litre PVC flushing cistern (same colour as WC) with valveless fittings, necessary C.P connections etc all complete. | | | |
| a | Floor mounted | EACH | 3 | 0.013649832 |
| b | Wall mounted | EACH | 2 | 0.00990821 |
| 2205 | Providing and fixing colour glazed vitreous indian type Orissa pattern (580x440mm) water closet conforming to IS:2556 part 3 with all fittings including foot rests, low level 12.5 litre PVC flushing cistern with valveless fittings, necessary C.P connections etc all complete. | EACH | 3 | 0.012392704 |

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|------------------------|--|------|----------|------------------------------------|
| 2206-a | Providing and fixing white flat back half shell glazed vitreous china urinals of size 610x410x380 mm without photo voltaic control flushing system including 250x125mm white ceramic foot rest as per relevant standard with flush pipes, lead pipes, gratings, traps and necessary C.P. fittings etc. all complete. | EACH | 8 | 0.056820648 |
| 2207 | Supply, laying and jointing UPVC pipes of class 3 as per IS:4985 including bends, branches and all other necessary fittings, M.S holder bats/clamps, cutting and making good the walls and floors, jointing, testing etc all complete for following. | | | |
| c | 160mm dia pipes | RM | 100 | 0.160254531 |
| 2208 | Providing, laying light duty non pressure NP3 class RCC pipes with collars jointed with stiff mixture of cement mortar 1:2 including testing of joints etc all complete for following. | | | |
| b | 300mm dia | RM | 50 | 0.047739558 |
| c | 450mm dia | RM | 50 | 0.092424412 |
| b | 600mm dia | RM | 50 | 0.109146964 |
| 2209 | Providing, laying light duty non pressure NP2 class RCC pipes with collars jointed with stiff mixture of cement mortar 1:2 including testing of joints etc complete for following. | | | |
| b | 250mm dia | RM | 50 | 0.028118952 |
| 2211 | Providing and fixing C.I Manhole heavy duty cover of size 600mmx450mm including frame from reputed manufacture etc. all complete. | EACH | 10 | 0.043188831 |
| 2212 | Providing and fixing circular heavy duty C.I. manhole cover of 600 mm dia with frame etc. all complete. | EACH | 10 | 0.08242221 |
| 2213 | Providing and fixing square mouth S.W Gully trap grade 'A' complete with CI grating, brick masonry chamber and water tight CI cover with 300x300mm (inside). The weight of cover to be not less than 4.53 Kg and frame to be not less than 2.72 Kg etc all complete for following sizes: | | | |
| b | 150x100mm P or S Type. | EACH | 10 | 0.016597231 |
| 2216 | Providing and fixing heavy duty UPVC floor traps with C.P jalli all complete. | EACH | 20 | 0.007268632 |
| 2219 | Providing and fixing white vitreous urinal partitions of size 675x325x85mm all complete. | EACH | 6 | 0.008501479 |
| 2220 | Providing and fixing eye and face drinking water fountain (combined unit with receptacle conforming to IS: 10592) all complete as per specification. | EACH | 4 | 0.120192464 |
| 2400 ROAD WORKS | | | | |
| | PROVIDING ROAD WORK INCLUDING SUPPLY OF MATERIAL, COST OF LABOUR, MACHINERY ETC ALL COMPLETE AS PER SPECIFICATION, DRAWING, RELEVANT IRC & IS CODES AND AS DIRECTED BY THE ENGINEER FOR THE FOLLOWING | | | |
| 2401 | Preparation of sub grade by excavating earth to required depth for all types of soil/ rock, dressing to camber and consolidating the base including making good the undulation etc and disposal of surplus earth within plant boundary all complete. Subgrade below road/pavement shall be compacted to 95% of Modified Proctor Density as per IS: 2720 part-VIII and slope of sub-grade shall be same as top of the pavement slope. | SQM | 2200 | 0.176519546 |

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|--------|--|------|----------|------------------------------------|
| 2403 | Providing, stacking & laying granular morrum for shoulder in layers (max. 150mm in loose thickness) including watering, compaction with road roller to required camber etc all complete. | CUM | 97.8 | 0.031014713 |

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| 2404 | Providing & laying water bound macadam sub base course in layers of required thickness with crushed stone aggregates 90 to 40 mm down size, stone screening & blinding material including screening sorting, spreading to template & consolidation with road roller including carriage, spreading & consolidation of blinding material moorum etc all complete. | CUM | 220 | 0.253011349 |
| 2405-a | Providing & laying water bound macadam base course in two layers each 83mm thickness rolled to 150mm thickness with stone aggregate 63mm to 40mm size, stone screening and blinding material including screening sorting, spreading to template and consolidation with road roller including carriage, spreading and consolidation of blinding material moorum etc all complete. | SQM | 2200 | 2.666005523 |
| 2407 | Providing & applying tack coat of low viscosity liquid bitumen of a suitable approved grade conforming to IS 73, 217 or 454 as applicable @ 10 kg/ 10 sqm for an untreated WBM surface including scraping, cleaning with compressed air etc all complete. | SQM | 2200 | 0.095824896 |
| 2408 | Providing, mixing & laying of compacted 115 mm thickness bituminous macadam binder course. Bitumen shall be of a suitable grade complying with IS 73 and aggregates, binder material as specified in specification including hot mixing, hot laying, rolling etc as per IRC specification all complete. | SQM | 2200 | 0.909215756 |
| 2409 | Providing, mixing & laying premix carpet (as per IRC-14) of compacted 50 mm thickness in a single course composed of suitable small size aggregate premixed with a bituminous binder on a prepared base including mixing, applying, rolling etc as per IRC specification all complete. | SQM | 2200 | 0.246566985 |
| 2410 | Providing and applying premixed seal coat of 25mm thick comprising of an application of a layer of bituminous binder at the rate of 6.8kg/ 10 sqm followed by a cover of stone chips at the rate of 0.06 cum/ 10 sqm including rolling etc as per IRC specification all complete. | SQM | 2200 | 0.14058521 |
| 2411 | Supply & laying (400mmx150mmx350mm deep) precast concrete kerb stone of grade M-20 with 20 mm aggregate and of shape as per detailed drawing including fixing in 13mm thk cement mortar 1:2 in joints, finishing of joints with neat cement paste, making drainage opening where required etc all complete. | RM | 652 | 0.03733474 |
| 2414 | Dismantling of existing road consisting of premix carpet, curb stone/ brick on edge, bitumen macadem course, WBM, preparing sub grade to receive new WBM including camber consolidation including disposal of debris within a lead of 1 km etc all complete. | SQM | 50 | 0.00153786 |
| 2415 | Providing 25mm thick premix carpet on existing/ damaged road surfaces (as per IRC-14) of compacted 25mm thickness in a single course composed of suitable small size aggregate premixed with a bituminous binder on the existing base including tack coat, cleaning of existing surface, mixing, applying, rolling etc as per IRC specification all complete. | SQM | 50 | 0.006718186 |
| 2417 | Filling below roads with stone (150 mm down graded), in two layers compacted to a thickness of 230 mm including breaking of boulders to required size, filling interstices with selected sand & compacting to 85 % of original volume of stone stack for all lifts etc all complete. | CUM | 506 | 0.448298986 |

Job: Execution of Civil works comprising taking over of piles from Piling agency, carrying out pile caps of piles, Entire Civil works for GTG Foundation, STG foundation, HRSG Foundation, AUX Foundations, Pipe Racks, Dearator , GTG Hall, STG Hall, SWGR cum Control cum Cellar Buldg, DG shed, IA& workshop shed etc including BOP Civil, roads, drains, culverts, cable & pipe trenches with/without sand filling, all complete(Excluding Piling and structural works) for Combined Cycle Captive Power Plant, ONGC Hazira, Gujarat.

PART B: % weightage for amount of individual items of Schedule of quantity w.r.t. the total price

| ST. NO | DESCRIPTION OF ITEM | UNIT | Quantity | % weightage w.r.t. the total price |
|--------|-----------------------|------|----------|---|
| | | | | |
| | GRAND TOTAL Weightage | | | 100 |