

Relocation of Porta Cabins (20 Nos.) from Guest House to Learning Centre

Bill of Quantities

| SI No | Description | Unit | Quantity | Rate | Amount |
|----------|---|------|----------|------|--------|
| 1 | Earth excavation in ordinary soil | | | | |
| | Earth work in excavation up to 1.5m depth in ordinary soil including dressing & levelling the bed & depositing the excavated materials within 50m. initial lead & 1.5m. initial lift with all cost, conveyance, tools & plants, labour, complete as per the direction of Engg.-in-charge. | Cum | 350 | | |
| 2 | Back filling / plinth filling with excavated earth within 50m lead | | | | |
| | Earth work in back filling of foundation/ pits / trenches etc including dressing & levelling with excavated earth within initial lead of 50 meters with all costs, conveyance, T&P, labour complete as per the direction of Engg.-in-charge. | Cum | 350 | | |
| 3 | Supplying & Filling Sand | | | | |
| | Supplying and Filling of sand in foundation and plinth, watering and ramming including all cost, conveyance, T& P, royalty and labour charges etc. complete as per direction of Engineer-in-charge. | Cum | 140 | | |
| 4 | Ash brick masonry (1:6) foundation | | | | |
| | Ash brick masonry in cement mortar(1:6) in foundation and plinth for all type of works of all thickness including all cost, splays cutting, watering, curing, conveyance, T & P, Scaffoldings, royalty of all materials and labour charges etc. complete as per direction of Engg.-in-charge. (Ash brick will be supplied from Ash Brick Plant of OPGC free of cost. Contractor has to arrange his own conveyance for transportation to Site) | Cum | 110 | | |
| 5 | Ash brick masonry (1:6) in Superstructure | | | | |
| | Ash brick masonry in cement mortar(1:6) in Superstructure for all type of works of all thickness including all cost, splays cutting, watering, curing, conveyance, T & P, Scaffoldings, royalties of all materials and labour charges etc. complete as per direction of Engg.-in-charge. (Ash brick will be supplied from Ash Brick Plant of OPGC free of cost. Contractor has to arrange his own conveyance for transportation to Site) | Cum | 10 | | |
| 6 | PCC (1:4:8) 40mm graded HG metal | | | | |
| | Cement Concrete(1:4:8) by using 40mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T & P, royalties of all materials, scaffolding & labour charges etc. complete as per direction of Engg. | Cum | 50 | | |
| 7 | PCC (1:2:4) 12 to 20mm graded HG chips | | | | |
| | Cement Concrete (1:2:4) using 12 to 20mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T & P, royalties of all materials required for the work, Scaffolding & labour charges etc complete as per direction of Engineer-in-charge | Cum | 47 | | |
| 8 | RCC (1:2:4) 12 to 20mm graded HG Chips | | | | |

| Sl No | Description | Unit | Quantity | Rate | Amount |
|-----------|--|------|----------|------|--------|
| | Reinforced cement concrete (1:2:4) for all type of work using 12 to 20mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T&P, royalties of all materials required for the work, Scaffolding & labour charges etc. Complete as per direction of Engineer-in-charge. Reinforcement rod, form work (centering and shuttering) will be paid separately. | Cum | 1 | | |
| 9 | M.S. Reinforcement bar cutting, binding and placing | | | | |
| | Straightening, cutting, bending, binding, tying and placing of M.S. Reinforcement bars (Plain or Tor) in position including all cost of M.S. Reinforcement bars & binding wire (20 to 22 gauge), conveyance, T & P, Scaffoldings, labour charges etc. complete as per direction of EIC. | Qntl | 1 | | |
| 10 | Centering and shuttering work (Form work) - Mass Concrete / precast slab | | | | |
| | Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge - for RCC Foundation and Footing bases of column, mass concrete, precast slabs etc | Sqm | 8 | | |
| 11 | 12mm Cement plaster (1:6) | | | | |
| | Providing 12mm. thick cement plaster in cement mortar (1:6) over masonry/ CC work, finished smooth after racking out joints including all cost, watering, curing, conveyance, T&P, royalties of all materials, scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge. | Sqm | 400 | | |
| 12 | Neat cement Punning | | | | |
| | Extra for Neat cement punning over cement plaster work including all cost, watering, curing, conveyance, T & P, scaffolding and labour charges etc. complete as per direction of EIC. | Sqm | 175 | | |
| 13 | 40mm AS flooring (1:2:4) 6 to 12mm graded aggregates | | | | |
| | 40mm. thick A.S. flooring in Cement Concrete(1:2:4) laid in two layers to the required slope with 6 to 12mm graded aggregates hard granite crusher broken chips, finishing the top with cement slurry, including all cost, watering, curing, conveyance, T & P, royalties of all materials, scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge. | Sqm | 40 | | |
| 14 | Interlocking Paver Block of 60mm thick | | | | |
| | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. including all cost of labour, material, conveyance, royalties, loading ,unloading, T&P etc. all complete as per the direction of Engineer-in-charge. | Sqm | 1100 | | |

| Sl No | Description | Unit | Quantity | Rate | Amount |
|-----------|---|------|----------|------|--------|
| 15 | Supplying and Fixing 110mm dia PVC SWR pipe (type-A) Regular | | | | |
| | Supplying & fixing PVC SWR pipe (type-A), working Pressure 4kg/cm2, Regular quality of approved make (Finolex/Supreme/ equivalent) with all fittings, clamps, plain bends, door bends, Tee, sockets etc including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In-Charge - 110mm dia PVC SWR pipe (type-A) Regular, working pressure 4kg/cm2, with fittings | Rmt | 150 | | |
| 16 | Painting Weatherproof exterior emulsion paint 02 coats over a coat of Primer | | | | |
| | Providing and painting with weatherproof anti fungal exterior emulsion paint 02 (two) coats over a coat of primer on old / new surface using approved brand and shade weatherproof paint / primer (Asian / Dulux / Shalimar / Berger) including thorough cleaning, rubbing out moss and loose scales etc and preparation of the surface area of application, including, cost, conveyance, T&P, Scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge. | Sqm | 150 | | |
| 17 | Dismantling Plain Cement Concrete | | | | |
| | Dismantling of Plain Cement Concrete work at all levels and elevations, stacking the useful materials for re-use and disposing the debris upto a lead of 50mtr including cost, conveyance, T&P, scaffoldings, sundries and labour charges etc. complete as per direction of Engineer-in-charge. | Cum | 1 | | |
| 18 | Dismantling AC/ GCI Sheeting | | | | |
| | Dismantling / removing of all type of AC / GCI Sheeting work at all levels and elevations manually or mechanically as suitable using cutting gas if required and stacking the steel materials properly upto a lead of 50 mtr including cost, conveyance, T&P, scaffoldings, sundries and labour charges etc. complete as per direction of Engineer-in-charge. | Sqm | 260 | | |
| 19 | Fabrication/ erection of iron work | | | | |
| | Supplying, Fabrication and erection of all type of Mild steel Iron work (sectional weight upto 19.8 kg/m) for all type of structures, sheds, grills, doors, fencing posts etc with approved quality (SAIL/ Equivalent make) steel structural, angles, channels, plates of all sections at all levels and elevations, painting with 2 (two) coats of high gross enamel paint over a coat of red oxide primer including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge | Kg | 6000 | | |
| 20 | Supplying & Fixing Colour Coated Trapezoidal sheet | | | | |
| | Supply and fixing of colour coated trapezoidal sheets of 0.5mm thick of Everest / Bhusan/ equivalent make including cost of 55x8mm self driven screws as required for fixing the sheets complete including conveyance, lead and lift at site & labour charge required for the work all complete as per the direction of the Engineer-In-Charge. | Sqm | 500 | | |
| 21 | Vitrified Floor tiles 600mm size | | | | |

| Sl No | Description | Unit | Quantity | Rate | Amount |
|-----------|---|------|----------|------|--------|
| | Providing & fixing Vitrified Floor tiles of 600mm x 600mm size of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture over a bed of average 20mm thick Cement Mortar (1:4) and joints with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge | Sqm | 300 | | |
| 22 | Ceramic Floor tiles 300mm to 500mm size | | | | |
| | Providing & fixing 8mm thick 300mm to 500mm Size Ceramic floor tiles of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture over a bed of average 20mm thick Cement Mortar (1:4) and joints with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge | Sqm | 75 | | |
| 23 | Ceramic Glazed tile in Skirting / Dado 200mm to 450mm size | | | | |
| | Providing & fixing 6mm thick ceramic glazed tiles 200mm to 450 mm size of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture in skirting / dados fixed on average 12mm. thick cement plaster (1:3) and jointed with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge. | Sqm | 16 | | |
| 24 | Engagement of Skilled Manpower | | | | |
| | Engagement of skilled man power (Carpenter / Plumber / Mason / fitter / welder/ painter etc) for miscellaneous work including cost of labour, conveyance, T&P etc. complete as per direction of Engineer-in-charge. | No | 10 | | |
| 25 | Engagement of Semi-Skilled Manpower | | | | |
| | Engagement of semi-skilled man power (Semi skilled helper) for miscellaneous work including cost of labour, conveyance, T&P etc. complete as per direction of Engineer-in-charge. | No | 20 | | |
| 26 | Transportation of debris | | | | |
| | Transportation of debris / surplus spoil away from work site upto a lead of 5 kilometres by tractor including all cost, conveyance, fuels, loading & unloading, labour charges etc complete as per the direction of Engg.-in-charge. | Cum | 50 | | |
| 27 | Painting Synthetic enamel paint 02 coats over a coat of primer | | | | |
| | Providing & Painting 02 (two) coat with approved brand & shade Synthetic enamel Paint (Asian / Dulux / Salimar / Berger) on old / new wooden or steel surface over a coat of wood primer including thorough cleaning, rubbing out loose scales etc and preparation of the surface area of application, including all cost, conveyance, T & P, scaffolding & labour charges etc. complete as per direction of Engineer-in-charge. | Sqm | 700 | | |

| Sl No | Description | Unit | Quantity | Rate | Amount |
|-------|---|------|----------|------|--------|
| 28 | Dismantling & Relocation of Porta Cabins | | | | |
| | Dismantling and relocation of Porta cabins from Guest House to Learning Centre backside including cost of all consumables, lifting & de-lifting, transportation etc complete in serviceable condition and recommissioning as per direction of EIC . The Scope of work includes: 1) Dismantling of all furniture assets from porta cabin inside and refixing the same with necessary repairing of the intreiors and ceiligs in position after relocation. 2) Dismantling of all PH and Sanitary fittings, water supply pipe lines, waste water pipe lines etc and refixing & re-commissioning the same with necessary repairing / replacements in position after relocation. 3) Dismantling of all Electrical fittings and features, lights, fans, TV, geyser etc and refixing & recommissioning the same with necessary repairing/ replacements in position after relocations. 4) Dismantling split AC with outdoor unit and refixing & recommissioning the same with necessary servicing, gas filling etc in position after relocation. 5) Dismantling of floor, groutings, structural anchorage etc for removing the porta cabin from its position. 6) Lifting, de-lifting and transportation of porta cabins by suitable lifting & transportation method from guest house to learning centre and fixing it in position in Ground Floor on the prepared base/ foundation done earlier for it in separate items. 7) Suitable salvaging & disposal of debris at Guest House site after removal of Porta cabins and levelling to original ground level 8) Connection of water supply line, waste water line and Electrical line to the porta | No | 20 | | |
| | Total Amount in (Rs.) | | | | |
| | GST EXTRA AS APPLICABLE INDICATED IN PRICE BID | | | | |