PROJECT: E-HOUSE CONCRRETE WING WALLS

Scope :The project aims to rebuilt the two conrete walls felled by front end loaders and to protect them against any further damage

Short Bill Of Quantities

| Item | Description | Unit | Qty | Rate | Amount |
|---|---|---|---|---|---|
| | | | | | |
| 1 | **Site clearance** | | | | |
| 1a) | Clear ash and all rubble around area of work and barricade | msq | 30 | | |
| 1b) | Break into floor concrete to expose reinforcing and splice to new 10mm diameter reinforcing | Sum | 1 | | |
| | | | | | |
| 2 | **Formwork** | | | | |
| 2a) | Provide smooth formwork including corner fillets and stays | msq | 32.52 | | |
| | | | | | |
| 3 | **Reinforcing** | | | | |
| 3a) | Supply and install Ref.395 mesh reinforcing to walls with clips as per acccompanying drawing | msq | 32.4 | | |
| | | | | | |
| 4 | **Concrete** | | | | |
| 4a) | Cast 25Mpa poker vibrated concrete to walls with exposed edges chamfered 25 mm and 40mm cover to reiforcing | mcu | 3 | | |
| 4b) | Drill into existing concrete wall and insert 20mm diameter by 500mm long dowel bars to hold walls together | no | 8 | | |
| | | | | | |
| 5 | **Expansion joint** | | | | |
| 5a) | Allow for 150 x 15 mm thick expansion gap of soft board material with 20 mm deep sika sealant or similar | m | 3.2 | | |
| | | | | | |
| 6 | **Wall protection** | | | | |
| 6.a | Plant steel 150mm I-beams painted yellow/black 1,5m from walls and 1m high | no | 8 | | |
| | | | | | |
| 7 | **OPCR DOOR**: | | | | |
| a | Remove,dispose,supply and install 3.49 m high x 2.76 m wide steel door,including lock | ea | 1 | | |
| b | Supplyand apply steel prime followed two coats light grey plascon paint | msq | 9.7 | | |
| | | | | | |
| 8 | **Precip road plints** | | | | |
| a | Demolish and dispose damaged plinths,supply and cast 25Mpa reinforced concrete including 24mm diameter H.D bolts and formwork with corner fillets | mcb | 0.95 | | |
| b | Supply and install I-beam steel coloumn withbase plate anchored to plinth and supporting staircase | no | 3 | | |
| | | | | | |
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| | | | | TOTAL | |